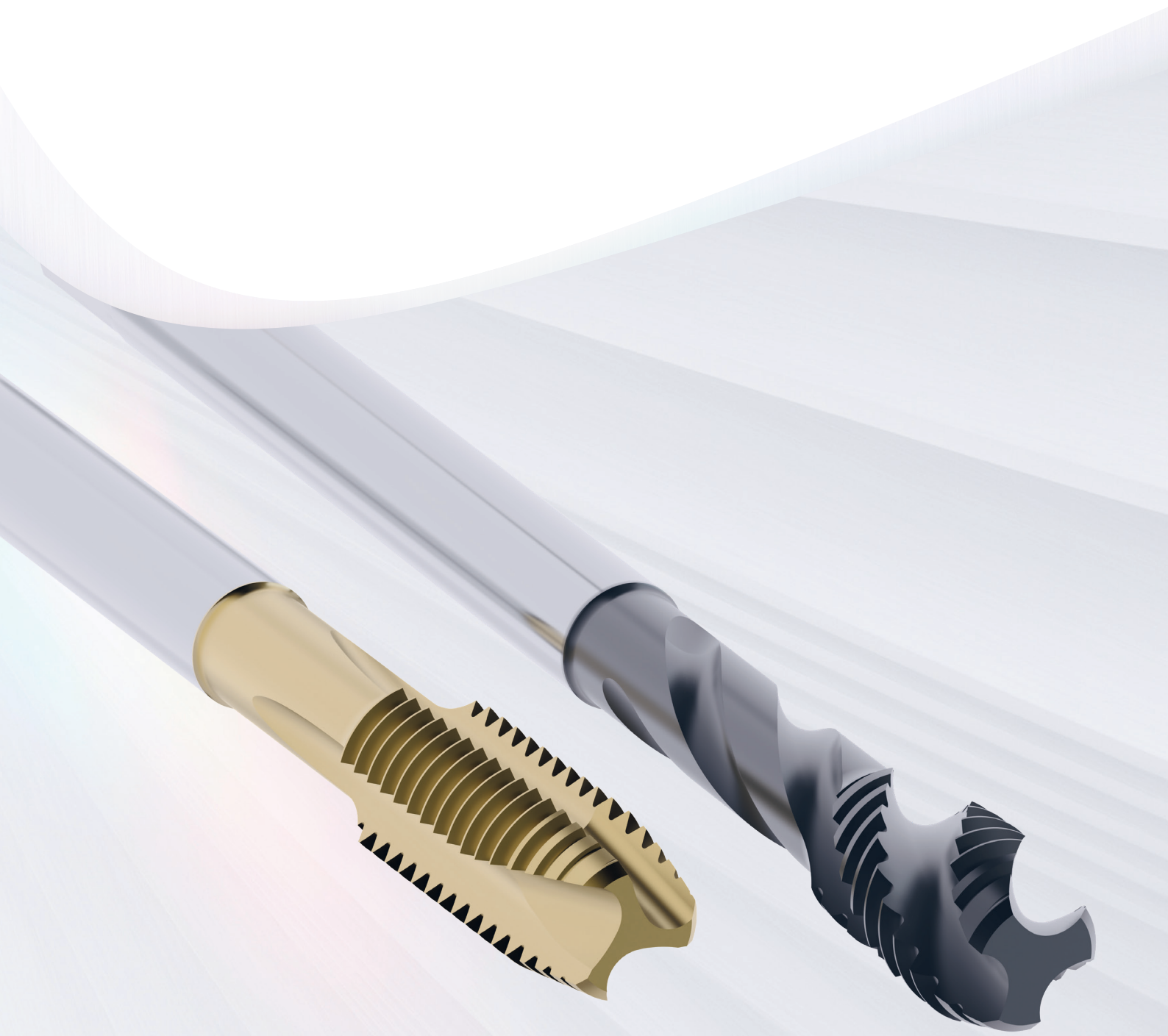
Seco

Catalog & ghid tehnic

# Filetare 2026.1



La Seco, realizăm unelte, tehnologii și soluții pentru cele mai avansate provocări de fabricație de pe Pământ. De la înființarea noastră în Fagersta Suedia, până la compania globală de astăzi, afacerea noastră a fost întotdeauna făcută pe măsură și construită pe încredere.

Combinând uneltele de precizie de ultimă oră, de precizie, cu parteneriate personale durabile, suntem o adevărată companie de oameni care îi ajută pe partenerii noștri să descopere viitorul industriei prelucrătoare.

Suntem mândri să creăm pentru creatori, să inventăm pentru inventatori și să fim parteneri cu pionierii. Impulsionăm viitorul cu accentul pe inovație. Pe scurt - dacă există unealta potrivită pentru lucrare, o vom livra. Dacă nu, o vom crea.

Suntem mândri să punem sustenabilitatea în centrul a tot ceea ce facem, să provocăm percepțiile asupra industriei noastre, să schimbăm procesul de fabricație și să jucăm un rol mic în modelarea unui viitor mai luminos.

Made for Makers

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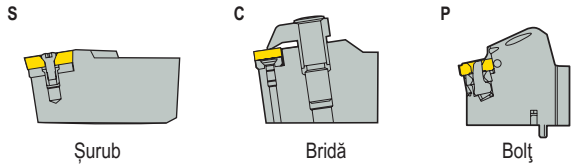
# Codificări

## Suporturi




| C | E | R | 25 | 25 | M | 16 | Q | HD |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

### 1. Fixarea plăcuţelor




### 2. Extern/Intern

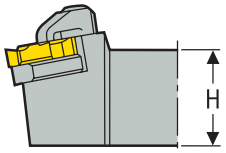
E = Extern
N=Intern

### 3. Direcţia de aşchiere



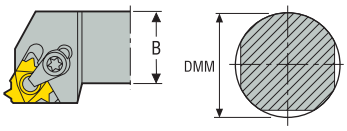

X = Special

### 4. Înălţimea cozii de prindere



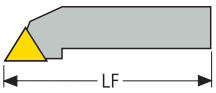

00 = Port-scule rotunde S & C
25 = 25 mm *(0,984")*
32 = 32 mm *(1,260")*
etc.

### 5. Coadă prindere lăţimea/diametrul




20 = 20 mm *(0,787")*
25 = 25 mm *(0,984")*
etc.

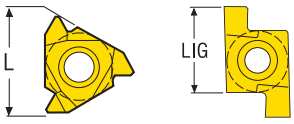
### 6. Lungimea sculei




H = 100 mm *(3,937")*
K = 125 mm *(4,921")*
L = 140 mm *(5,512")*
M = 150 mm *(5,906")*
P = 170 mm *(6,693")*

Q = 180 mm *(7,087")*
R = 200 mm *(7,874")*
S = 250 mm *(9,843")*
T = 300 mm *(11,811")*
U = 350 mm *(13,780")*
V = 400 mm *(15,748")*

### 7. Lungimea muchiei aşchietoare




Dacă lungimea este formată dintr-o singură cifră descrierea va începe cu 0.

Exemplu:
Lungimea muchiei de aşchiere = 16,5 mm *(0,650")*
Simbol = 16
Lungimea muchiei de aşchiere = 9,525 mm *(0,375")*
Simbol = 09

### 8. Alte informaţii

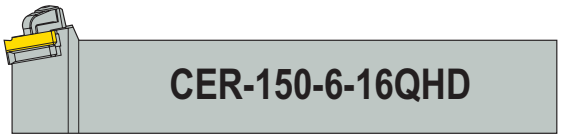
A = Oţel cu canal pentru lichid de răcire
Q = Port-sculă/îndoit
CQ = Pentru montare răsturnată

### 9. Alte informaţii

H = Bară de înaltă densitate
HD = Aplicaţii grele
JET = Jetstream Tooling®
JETI = Jetstream Tooling® Jeti

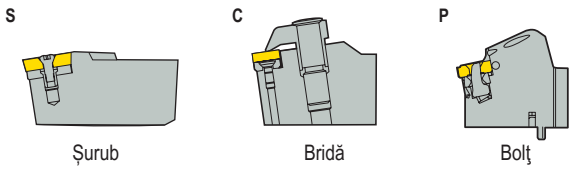
# Codificări

## Suporturi




| C | E | R | | – | 150 | – | 6 | – | 16 | Q | HD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | 5 | | 6 | | 7 | 8 | 9 |

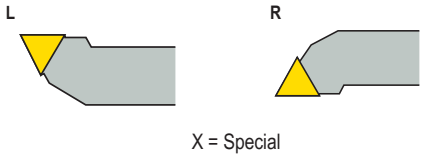
### 1. Fixarea plăcuţelor




### 2. Extern/Intern

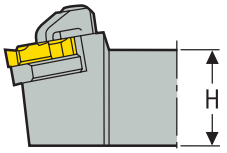
E = Extern
N=Intern

### 3. Direcţia de aşchiere



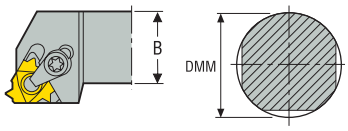

X = Special

### 4. Definiţia cozii



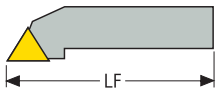

00 = Bare de alezare
= Cozi pătrate

### 5. Înălţimea/lăţimea cozii pătrate și diametrul barei



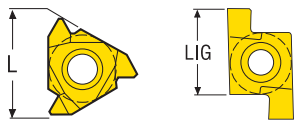

Pentru scule cu coadă pătrată, cu înălțime și lățime în inci.
Pentru bare de alezare cu diametru în inci.
075 = 0.75
100 = 1.00
125 = 1.25
etc.

### 6. Lungimea sculei




3 = 3 inci
4 = 4 inci
5 = 5 inci
6 = 6 inci

### 7. Lungimea muchiei aşchietoare




Dacă lungimea este formată dintr-o singură cifră descrierea va începe cu 0.

Exemplu:

| | |
|---|---|
| Lungimea muchiei de aşchiere | = 16,5 mm (0.650") |
| Simbol | = 16 |
| Lungimea muchiei de aşchiere | = 9,525 mm (0.375") |
| Simbol | = 09 |

### 8. Alte informaţii

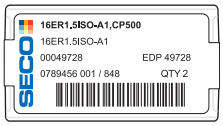
A = Oţel cu canal pentru lichid de răcire
Q = Calificat
CQ = Pentru montare răsturnată

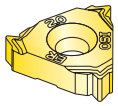
### 9. Alte informaţii

H = Bară de înaltă densitate
HD = Aplicaţii grele
JET = Jetstream Tooling®
JETI = Jetstream Tooling® Jeti

# Codificări

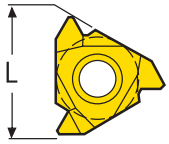
## Plăcuţe amovibile



| 16 | E | R | 1.5 | ISO | – | A1 |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | | 6 |

### 1. Lungimea muchiei aşchietoare



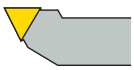

Exemplu:
Lungimea muchiei de aşchiere = 16,5 mm (0.650")
Simbol = 16
Lungimea muchiei de aşchiere = 9,525 mm (0.375")
Simbol = 09

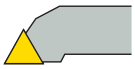
Dacă lungimea este formată dintr-o singură cifră descrierea va începe cu 0.

### 2. Extern/Intern

E = Extern
N=Intern

### 3. Direcţia de aşchiere

L 

R 

X = Special

### 4. Pas

| | | | | | |
|---|---|---|---|---|---|
| **Profil întreg: (mm)** | 0,50 | 1,25 | 3,00 | 6,00 | |
| | 0,70 | 1,50 | 4,00 | 8,00 | |
| | 0,75 | 1,75 | 4,50 | 10,0 | |
| | 0,80 | 2,00 | 5,00 | 12,0 | |
| | 1,00 | 2,50 | 5,50 | 14,0 | |
| **Profil întreg: (TPI)** | 48 | 18 | 11 | 6,0 | 2,5 |
| | 40 | 16 | 10 | 5,0 | 2,0 |
| | 32 | 14 | 9 | 4,5 | |
| | 24 | 13 | 8 | 4,0 | |
| | 20 | 12 | 7 | 3,0 | |

| | | | |
|---|---|---|---|
| **Profil parţial:** | A | = 0,50-1,50 mm | 48-16 TPI |
| | AG | = 0,50-3,00 mm | 48-8 TPI |
| | G | = 1,75-3,00 mm | 14-8 TPI |
| | N | = 3,50-5,00 mm | 7-5 TPI |
| | K | = 5,50-10,00 mm | 4,5-2,5 TPI |

### 5. Filet

| Filet = | |
|---|---|
| 60 | = profil V, 60 ° |
| 55 | = profil V, 55 ° |
| ISO | = ISO, metric |
| UN | = Am. UN |
| UNJ | = Am. Aerospace |
| MJ | = Metr. Aerospace |
| W | = Whitworth, BSW |
| BSPT | = Whitworth, Taper |
| NPT | = Am. NPT |
| NPTF | = Am. NPTF (Dryseal) |
| RD | = Round, DIN405 |
| TR | = Trapezoidal, DIN103 |
| ACME | = Am. ACME-G |
| STACME | = Am. Stub-ACME |
| API 384 | = API V 038R 1:4 |
| API 386 | = API V 038R 1:6 |
| API 404 | = API V 040 1:4 |
| API 504 | = API V 050 1:4 |
| API 506 | = API V 050 1:6 |
| API RD | = API Round Casing |
| BUT 2.5 | = Buttress, 1°47' |
| BUT 2.6 | = Buttress, 2°23' |

### 6. Număr de dinţi pe muchie aşchietoare/ Tip de fragmentator de aşchii

2M = 2 dinţi
3M = 3 dinţi
TT = TWIN THREADER

A = Universal
A1 = Denumire fragmentator de aşchii
A2 = Denumire fragmentator de aşchii

# Procesul de selectare

## Seco Suggest

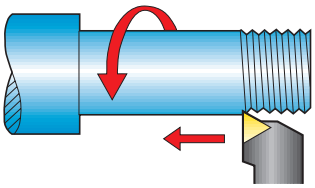
Pentru a simplifica selecţia sculelor și a parametrilor de așchiere, Seco a introdus programul Suggest, ce elimină căutarea, programarea și calculele complicate. Suggest vă oferă cea mai bună recomandare privind suportul, plăcuţa și parametri optimizaţi pentru aplicaţia dumneavoastră, precum și posibilitatea de a descărca datele în utilajul CNC.

Aplicaţia este disponibilă la https://www.secotools.com/dashboard/Suggest/Suggest.

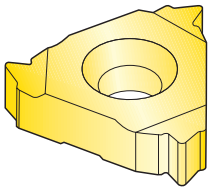
Utilizaţi procesul de selecţie de mai jos pentru a alege scula potrivită, plăcuţa, regimurile de frezare și metoda de producţie corespunzătoare.



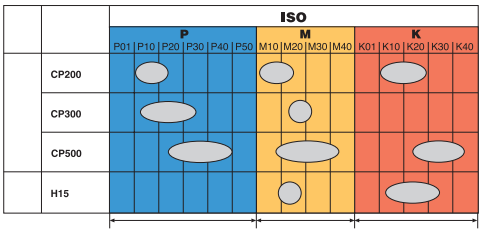
1. Alegerea metodei de producţie, pag. 11.



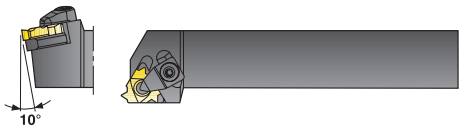
2. Alegerea tipului de plăcuţă, pag. 12.



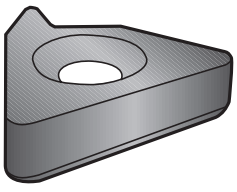
3. Alegerea clasei, pag. 13.



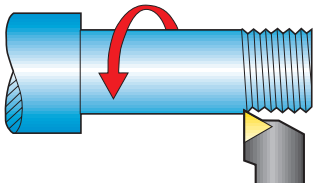

4. Alegerea port-sculei, pag. 15.




5. Alegerea port-plăcuţei, paginile 16-17.



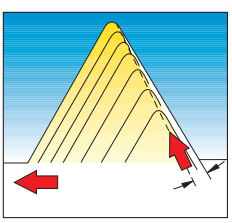
6. Alegerea vitezei de așchiere, paginile 18-22.



7. Selectarea numărului de treceri și a adâncimilor avansului transversal, pag. 23-33.

| $P_h$ | 6.0 | 5.5 | 5.0 | 4.5 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 |
|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 3,82 *(0.150)* | 3,52 *(0.139)* | 3,19 *(0.126)* | 2,87 *(0.113)* | 2,53 *(0.100)* | 2,23 *(0.088)* | 1,92 *(0.076)* | 1,60 *(0.063)* | 1,25 *(0.049)* |
| 1 | 0,46 *(0.018)* | 0,43 *(0.017)* | 0,41 *(0.016)* | 0,37 *(0.015)* | 0,34 *(0.013)* | 0,34 *(0.013)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,24 *(0.009)* |
| 2 | 0,43 *(0.017)* | 0,40 *(0.016)* | 0,39 *(0.015)* | 0,34 *(0.013)* | 0,32 *(0.013)* | 0,31 *(0.012)* | 0,26 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* |
| 3 | 0,35 *(0.014)* | 0,32 *(0.013)* | 0,32 *(0.013)* | 0,28 *(0.011)* | 0,25 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* |

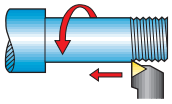
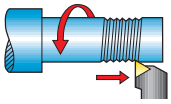
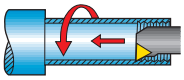
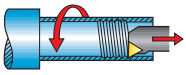
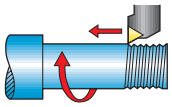
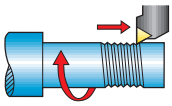
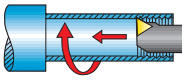
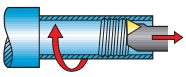
8. Alegerea metodei de avans, pag. 34.



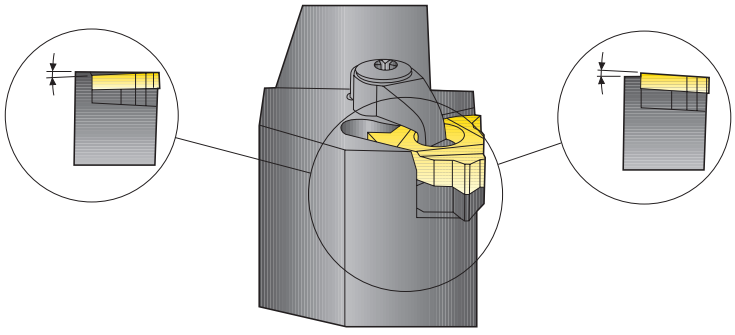
## Metode de producţie

Workpiece
-Filetare exterioară sau interioară
-Filet pe dreapta sau pe stânga
Maşina
- Suport pe dreapta sau pe stânga

| Filetare spre universal | | Filetare dinspre universal * | |
|---|---|---|---|
| **Avantaje:** | – Stabilitate optimă<br>– Sub-plăcuţele originale pot fi folosite pentru majoritatea operaţiilor | **Avantaje:** | – Curgerea aşchiilor este corect direcţionată în timpul filetării interioare |
| **Notă:** | – Acumularea aşchiilor poate interveni în timpul filetării interioare, în special dacă spaţiul dintre bara de filetare şi gaura de filetat este foarte mic | **Notă:** | – Este necesară prinderea sigură a plăcuţei şi a suportului |
| | | **Filetare interioară:** | – Utilizaţi numai suporţi CNR/L |

| Filet pe dreapta – Suport pe dreapta | | Filet pe stânga – Suport pe dreapta | |
|---|---|---|---|
|  | ER |  | ER |
|  | NR |  | NR |
| **Filet pe stânga - Suport pe stânga** | | **Filet pe dreapta - suport pe stânga** | |
|  | EL |  | EL |
|  | NL |  | NL |

*Reţineţi că port-plăcuţa trebuie schimbată atunci când filetaţi prin îndepărtare de mandrină.



Filetare dinspre universal

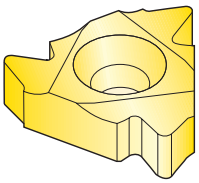
Filetare spre universal

# Tipurile plăcuţelor

**Pentru plăcuţe cu un singur dinte alegeţi profilul complet sau profil parţial**

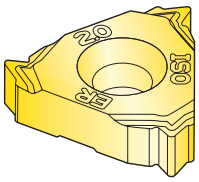
## Plăcuţă cu un singur dinte (Tip S) A sau Original

Prima alegere pentru aplicaţii în diverse materiale. Forţe de așchiere mici. Forţe de așchiere reduse



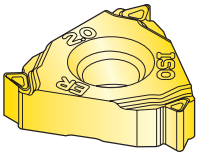
## Plăcuţă cu un singur dinte (Tip S) fragmentator A1

Prima alegere pentru aplicaţii generale în oţel.



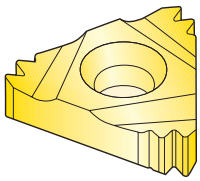

## Plăcuţă cu un singur dinte (Tip S) fragmentator A2

Prima alegere pentru aplicaţii generale în oţel inoxidabil.



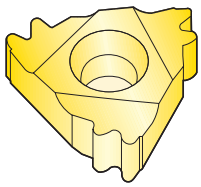

## Plăcuţă multi-dinte (Tip M)

Prima alegere pentru producţia de masă, datorită numărului mic de treceri necesar.
Doar pentru avans radial.
2M = versiunea cu 2 dinţi
3M = versiunea cu 3 dinţi



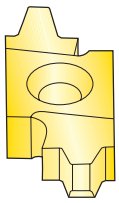
## Plăcuţă multi-dinte (TWIN THREADER, TT)

Forţe de așchiere mai mici comparativ cu tipul M.
Lungime neașchiată mai mică faţă de tipul M.
Doar pentru avans radial.
Se utilizează nicovala pentru 2M.



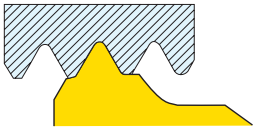
## Plăcuţe K (Tip K)

Prima alegere pentru filete cu pas mare.



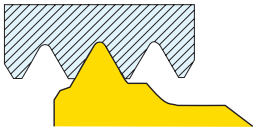
## Profil întreg

Pentru adăugarea filetului, semifabricatul nu trebuie pregătit la diametrul iniţial exact, putând fi puţin mai mare pentru filetarea pe exterior și mai mic pentru filetarea interioară. Operaţia de filetare este simplificată odată ce numai o sculă este necesară pentru prelucrarea întregului filet (nu mai este necesară debavurarea).



## Profil parţial

Acoperă o gamă largă de paşi de filet, ceea ce simplifică stocurile. Necesită un diametrul iniţial corect înainte de începerea filetării. Raza la vârf a plăcuţei este dimensionată pentru a se potrivi în cel mai mic profil din gama de paşi posibili de prelucrat cu plăcuţa respectivă.



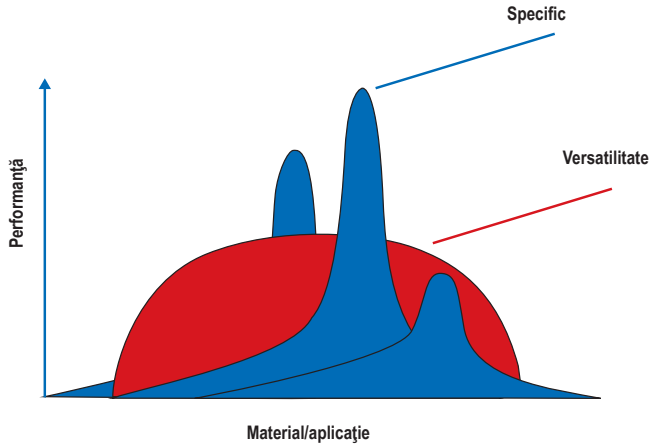
# Clase de plăcuţe

## Strunjirea fileturilor - Clasele plăcuţelor

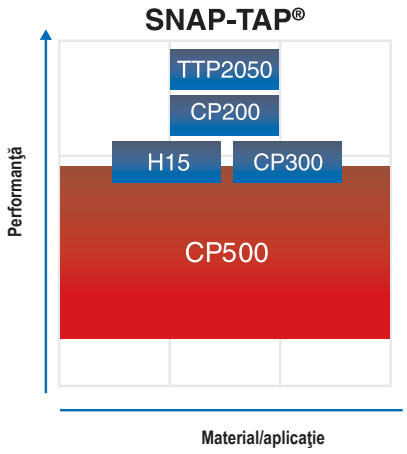
Cercetarea și dezvoltarea continuă de noi materiale, acoperiri și geometrii optime ajută la îndeplinirea cerinţelor clienţilor.

Strategia noastră este livrarea pe piaţă de soluţii universale de prelucrare și soluţii personalizate specific pentru filetare.

### Clase pentru strategia de producţie

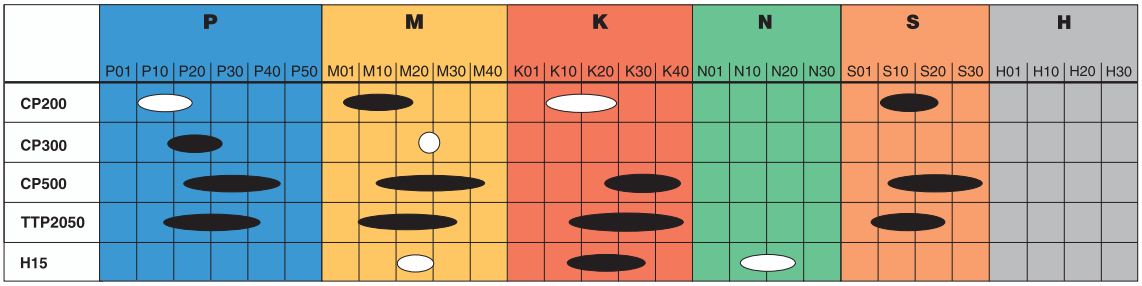



### Calităţi pentru Snap-Tap®

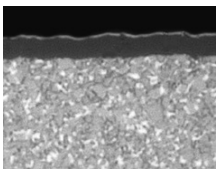
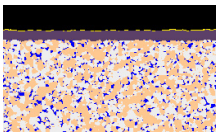
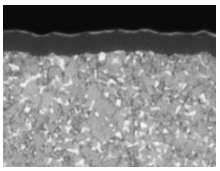
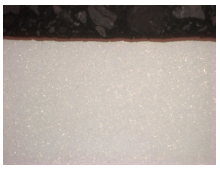


# Clase de plăcuţe

**Calităţi**
Câmpurile negre arată principalele grupe de aplicabilitate conform ISO iar câmpurile albe indică alte domenii suplimentare de aplicabilitate.




**Calitate cu acoperire PVD**

| | | |
|---|---|---|
| **CP200** |  | Prima alegere pentru oţel de înaltă rezistenţă, oţel inoxidabil martensitic, fontă cu duritate scăzută, superaliaje și aliaje de titan. Prima alegere pentru viteze mari de așchiere. Structură cu microgranule dure, foarte rezistentă la deformarea plastică.<br><br>(Ti,al)N + TiN |
| **CP300** |  | Clasă rezistentă la uzură, care este destinată în principal pentru viteze mari de așchiere. Clasă optimizată pentru oţel și oţel inoxidabil.<br><br>(Ti,al)N + TiN |
| **CP500** |  | Grad universal de microparticule foarte dure pentru toate tipurile de filetare în majoritatea materialelor. Excelent pentru oţel inoxidabil și operaţiuni dificile.<br><br>(Ti,al)N + TiN |
| **TTP2050** |  | Performanţă de vârf, calitate rezistentă la uzură cu utilizare în oţel, oţel inoxidabil și fontă. Stratul nano-laminat crește rezistenţa la uzură a clasei.<br><br>(TiAl)N/(TiSi)N |
| **TTP1550** |  | Calitate cu granulaţie fină, rezistentă la uzură, pentru performanţe optimizate în oţelurile carbon.<br><br>(TiAl)N |

**Calităţi neacoperite**

| | | |
|---|---|---|
| **H15** |  | Prima alegere pentru prelucrarea fontelor. De asemenea, potrivit pentru oţel dur cu o duritate mai mare de 350 HB. Microstructură cu rezistenţă excelentă la uzură și muchie ascuţită. |

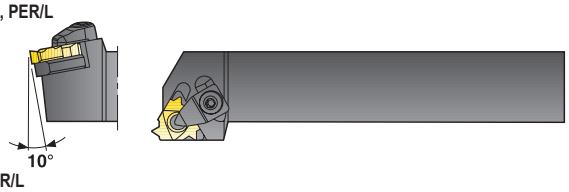
# Suporturi

Utilizaţi ghidul de mai jos pentru a alege tipul de port-sculă potrivit.

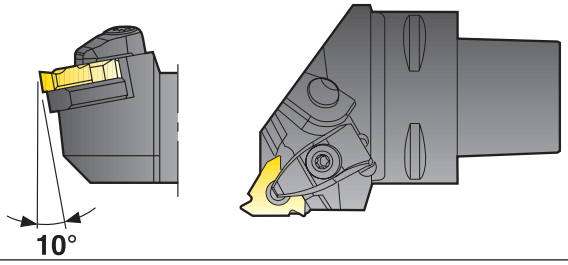
## Filetare exterioară

Opţiune de bază
Tip C (bridă)
Tip P (ştift)

**CER/L, PER/L**




**Cx-CER/L**

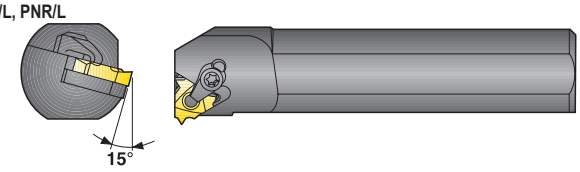



Dimensiunea plăcuţei
16, 20, 22, 26, 27
Cu port-plăcuţă

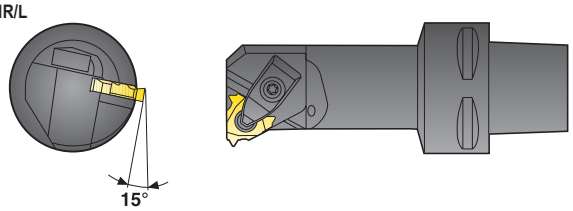
## Filetare interioară

Opţiune de bază
Tip C (bridă)
Tip P (ştift)

**CNR/L, PNR/L**




**Cx-CNR/L**

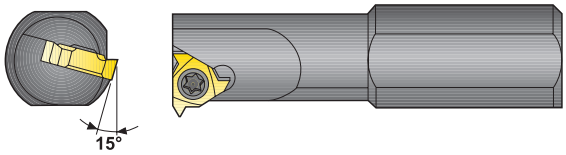



Dimensiunea plăcuţei
16, 20, 22, 26, 27
Cu port-plăcuţă

**N.B. La plăcuţele de 27 mm, acest unghi este de 10°**

Pentru găuri mici
Tip S (şurub)

**SNR/L**



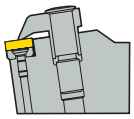
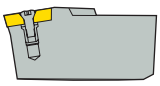
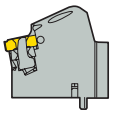

Dimensiuni ale plăcuţei
09, 11, 16, 22

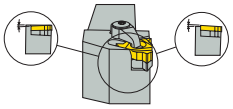
(Fără port-plăcuţă. Se va utiliza doar la filetarea dinspre universal)

# Port plăcuţă

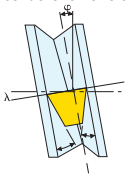
## Nicovalele originale montate

Tabelul de mai jos indică port plăcuţele originale. Aceste garnituri de reglare sunt adecvate pentru majoritatea operaţiilor atunci când se filetează spre mandrină.

| | | Bridă | | Șurub | Jetstream Tooling® |
|---|---|---|---|---|---|
| **Port-scule** | |  **Pentru filetare exterioară și interioară** | |  **Filetare interioară** |  **Pentru filetare exterioară și interioară** |
| **Tipul plăcuţei** | | **Plăcuţă cu un singur dinte (Tip S)** | **Plăcuţă cu un singur dinte (Tip K)** | **Plăcuţă cu un singur dinte (Tip S)** | **Plăcuţă cu un singur dinte (Tip S)** |
| **Port plăcuţă** | |  |  | **Fără port plăcuţă ( λ=2°)** |  |
| **Dimensiunea plăcuţei** | 16 | GX 16-1 | | | GXA16-1 |
| | 20 | | KX 20-2 | | |
| | 22 | NX22-1 | | | NXA22-1 |
| | 26 | | KX26-2 | | |
| | 27 | VX27-1 | | | VXA27-1 |



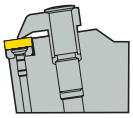
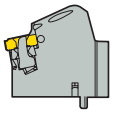
Unghiul filetului poate fi selectat de la +5 la -2 prin schimbarea garniturii de reglare. Aceleași garnituri de reglare pot fi folosite atât pentru suporturile pe dreapta cât și pentru cele pe stânga. Înălţimea de centrare rămâne constantă.



Pentru a obţine o formă corectă a filetului și o uzură uniformă a muchiei de aşchiere a plăcuţei, unghiul filetului muchiei aşchietoare (λ) trebuie să fie egal cu unghiul de avans al filetului (φ).

Unghiul elicei (λ) poate fi de asemenea calculat. Consultaţi pagina 35 pentru formule.
Suporţii SNR/L nu au nicovală de schimb, din acest motiv suporţii pot fi folosiţi doar la filetarea spre universal. Tabelul de mai jos arată gama de nicovale disponibile.

## Gama de nicovale

| | | Bridă | | | | | Strunjire prin filetare Jetstream Tooling® | | |
|---|---|---|---|---|---|---|---|---|---|
| **Port-scule** | |  **Filetare exterioară și interioară** | | | | |  **Filetare exterioară și interioară** | | |
| **Tipul plăcuţei** | | **Plăcuţă multi-dinţi (Tip M)** | **Plăcuţă cu un singur dinte (Tip S)** | | **Plăcuţă cu un singur dinte (Tip K)** | | **Plăcuţă multi-dinţi (Tip M)** | **Plăcuţă cu un singur dinte (Tip S)** | |
| **Port plăcuţă** | |  Filetare spre universal |  Filetare spre universal |  Filetare dinspre universal |  Filetare spre universal |  Filetare dinspre universal |  Filetare spre universal |  Filetare spre universal |  Filetare dinspre universal |
| **Dimensiunea plăcuţei** | 16 | MX16-1 | GX16-0, -1, -2, -3, -4 | GX16-0 -99 -98 | | | MXA16-1 | GXA16-0, -1, -2, -3, -4 | GXA16-0, -99, -98 |
| | 20 | | | | KX20-0, -1, -2, -3, -4, -5 | KX20-0, -99 | | | |
| | 22 | MX22-1 | NX22-0, -1, -2, -3, -4 | NX22-0 -99 -98 | | | MXA22-1 | NXA22-0, -1, -2, -3, -4 | NXA22-0, -99, -98 |
| | 26 | | | | KX26-0, -1, -2, -3, -4, -5 | KX26-0, -99 | | | |
| | 27 | MX27-1 | VX27-0, -1, -2, -3, -4 | VX27-0 -99 -98 | | | MXA27-1 | VXA27-0, -1, -2, -3, -4 | VXA27-0,-99,-98 |

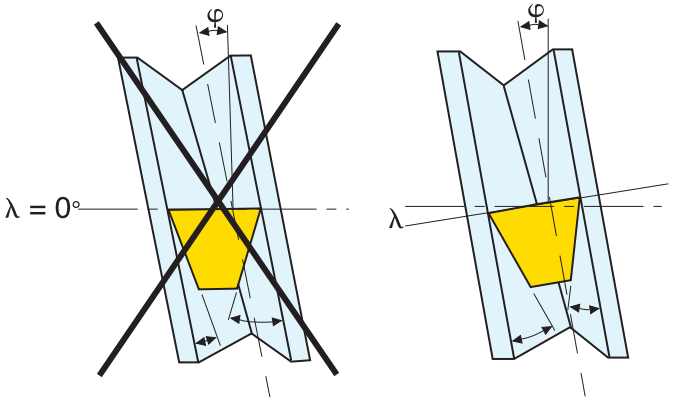
# Port plăcuţă

### Alegerea nicovalei

Utilizaţi graficul de mai jos pentru a alege port plăcuţa corespunzătoare.
Graficul furnizează ultima cifră din codul port plăcuţei.
Exemplu: GX16-1

### Metoda de producţie

Filetare spre universal, folosiţi partea din dreapta a tabelului.
Filetare dinspre universal, folosiţi partea stângă a tabelului.




### Coloana verticală - pasul

Filet cu un început, Înălţimea (Ph) = pasul (P).
Filet cu mai multe începuturi, Înălţime (Ph) = pas (P) x numărul de începuturi.

### Coloana orizontală = diametrul pasului ($D_2$)

Diametrul pasului $D_2$ – filetare dinspre mandrină

| mm | | 5 | 15 | 20 | 25 | 30 | 40 | 45 | 50 | 60 | 65 | 70 | 75 | 85 | 90 | 95 | 100 | 110 | 115 | 120 | 130 | 135 | 140 | 150 | 155 | 160 | 165 | 170 | 180 | 190 | 200 | 225 | 250 | 300 | | | | | | | | | | | | | | | | | | | | | | | | | TPI | Ph |
|---|---|---

## SMG – Parametri de aşchiere

În SMG v2, clasificarea materialelor pieselor de lucru implică un anumit standard pentru materialul aflat într-o anumită stare, furnizat ca referinţă pentru reglarea facilă şi clară a parametrilor de aşchiere pentru orice material efectiv, comparat cu orice material de referinţă Seco. Vom lua ca exemple materialele de referinţă EN C45E pentru SMG P4 şi EN 42 CrMo 4 pentru SMG P5 şi SMG H5, prezentate mai jos în tabelul 1, unde sunt indicate nivelurile de referinţă pentru proprietăţile materialului. (Pentru informaţii mai detaliate, consultaţi pagina/paginile 482-485

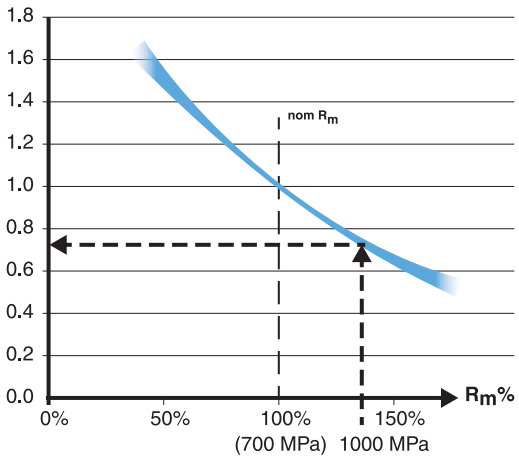
| SMG | Descriere | Proprietăţi | Reper |
|---|---|---|---|
| P4 | Oţeluri structurale slab aliate, 0.25% < C < 0.67%wt<br>Oţeluri slab aliate călite şi temperate | 520 < $R_m$ < 1200 | C 45E<br>$R_m$ = 660 N/mm² |
| P5 | Oţeluri structurale, 0.25% < C < 0.67%wt<br>Oţeluri călite şi revenite | 550 < $R_m$ < 1200 | 42 CrMo 4<br>$R_m$ = 700 N/mm² |

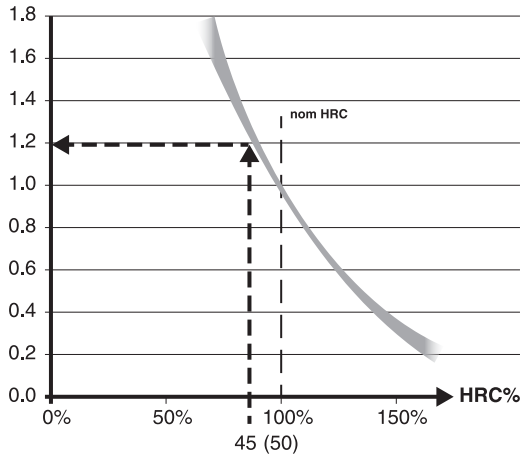
| SMG | Descriere | Proprietăţi | Reper |
|---|---|---|---|
| H5 | Oţeluri călite | 38 < HRC < 56 | 42 CrMo 4<br>50 HRC |

Dacă ne referim numai la EN 42 CrMo 4 în stare recoaptă, rezistenţa maximă la întindere $R_m$ poate varia, în mod normal, între Rm = 630 N/mm² şi $R_m$ = 780 N/mm², ceea ce oferă nivelul de referinţă pentru SMG P5. În starea călită şi temperată, rezistenţa maximă la întindere $R_m$ poate varia, în mod normal, între $R_m$ = 900 N/mm² şi $R_m$ = 1100 N/mm², rămânând în continuare în intervalul SMG P5. Dacă, însă, materialul este călit la o duritate ce depăşeşte $R_m$ = 1200 N/mm², acesta va fi inclus în categoria SMG H5.

| SMG | EN | W.-Nr | AFNOR | BS | UNI | JIS | AISI / ASTM | GOST | Stare | $R_{m_nom}$ | $HRC_{nom}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| P5 | 42 CrMo 4 | 1.1201 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 4142, 4140 | 38HM | Recopt | 700 | |
| | 42 CrMo 4 | 1.1201 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 4142, 4140 | 38HM | Călit şi temperat | 1000 | |
| H5 | 42 CrMo 4 | 1.1201 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 4142, 4140 | 38HM | Călit şi temperat | | 45 |
| | 42 CrMo 4 | 1.1201 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 4142, 4140 | 38HM | Călit şi temperat | | 50 |

Oţelul EN 42CrMo4 călit şi temperat poate fi utilizat pentru a ilustra modul în care uşurinţa de prelucrare depinde de starea materialelor.
Graficele de mai jos indică modul în care pot fi reglate recomandările de viteză pentru un material nominal în funcţie de valoarea relativă a $R_m$ (diagrama din stânga se referă la ISO-P) şi pentru valoarea relativă a HRC (valabil pentru ISO-H).




Pentru a exemplifica modul în care valoarea nominală $v_c$ a SMG P5 din SMG v2 poate fi reglată la o valoare mai precisă, recomandată, a $v_c$, avem nevoie de rezistenţa maximă la întindere $R_m$; în acest caz, vom utiliza valoarea pentru EN 42 CrMo 4 călit şi temperat, respectiv $R_m$ = 1000 N/mm², conform tabelului de mai sus (săgeţile albastre aldine).
Să presupunem că determinăm o valoare nominală SMG P5 $v_c$ = 280 m/min, pentru un anumit produs şi mod de prelucrare.
Apoi, vom folosi formula recomandată $v_c$ = 280 m/min x 0,75 = 210 m/min.
În consecinţă, pentru SMG H5, valoarea nominală $v_c$ poate fi reglată pe baza valorii pentru EN 42 CrMo 4 călit la HRC 45 (săgeţile gri mici).
Presupunând că valoarea nominală SMG H5 $v_c$ = 50 m/min pentru un anumit produs şi mod de prelucrare care utilizează scule din carbură, acoperite şi cimentate, valoarea recomandată efectivă a $v_c$ = 50 m/min x 1,2 = 60 m/min.
Pentru mai multe detalii privind materialele pieselor de lucru, consultaţi pagina 482-493 şi parametrii de aşchiere recomandaţi la paginile aplicabile.
Pentru o abordare mai facilă a parametrilor de aşchiere, recomandăm sculele aplicabile în secţiunea My Pages – Suggest (Paginile mele – Sugestii) a site-ului www.secotools.com

## Viteza de aşchiere metric (*Inci*)

| SMG | $v_c$ m/min *sf/min* | | | | |
|---|---|---|---|---|---|
| | CP200 | CP300 | CP500 | H15 | TTP2050 |
| P1 | — | 275 | 205 | — | 205 |
| | — | *900* | *670* | — | *670* |
| P2 | — | 270 | 200 | — | 200 |
| | — | *890* | *660* | — | *660* |
| P3 | — | 230 | 170 | — | 170 |
| | — | *750* | *560* | — | *560* |
| P4 | — | 205 | 150 | — | 150 |
| | — | *670* | *490* | — | *490* |
| P5 | — | 195 | 145 | — | 145 |
| | — | *640* | *475* | — | *475* |
| P6 | — | 220 | 165 | — | 165 |
| | — | *720* | *540* | — | *540* |
| P7 | — | 205 | 155 | — | 155 |
| | — | *670* | *510* | — | *510* |
| P8 | — | 195 | 145 | — | 145 |
| | — | *640* | *475* | — | *475* |
| P11 | — | 200 | 150 | — | 150 |
| | — | *660* | *490* | — | *490* |
| P12 | — | 120 | 90 | — | 90 |
| | — | *395* | *295* | — | *295* |
| M1 | 150 | — | 135 | 100 | 135 |
| | *490* | — | *445* | *330* | *445* |
| M2 | 120 | — | 110 | 80 | 110 |
| | *395* | — | *360* | *260* | *360* |
| M3 | 90 | — | 85 | 60 | 85 |
| | *295* | — | *280* | *195* | *280* |
| M4 | 70 | — | 65 | — | 65 |
| | *230* | — | *215* | — | *215* |
| M5 | 55 | — | 50 | — | 50 |
| | *180* | — | *165* | — | *165* |
| K1 | 130 | — | 120 | 105 | 120 |
| | *425* | — | *395* | *345* | *395* |
| K2 | 110 | — | 105 | 95 | 105 |
| | *360* | — | *345* | *310* | *345* |
| K3 | 95 | — | 90 | 80 | 90 |
| | *310* | — | *295* | *260* | *295* |
| K4 | 90 | — | 85 | 75 | 85 |
| | *295* | — | *280* | *245* | *280* |
| K5 | 55 | — | 50 | — | 50 |
| | *180* | — | *165* | — | *165* |
| K6 | 80 | — | 75 | — | 75 |
| | *260* | — | *245* | — | *245* |
| K7 | 70 | — | 65 | — | 65 |
| | *230* | — | *215* | — | *215* |
| N1 | — | — | — | 255 | — |
| | — | — | — | *840* | — |
| N2 | — | — | — | 165 | — |
| | — | — | — | *540* | — |
| N3 | — | — | — | 110 | — |
| | — | — | — | *360* | — |
| N11 | — | — | 100 | 150 | 100 |
| | — | — | *330* | *490* | *330* |
| S1 | 20 | — | 20 | — | 20 |
| | *65* | — | *65* | — | *65* |
| S2 | 15 | — | 15 | — | 15 |
| | *49* | — | *49* | — | *49* |
| S3 | 15 | — | 15 | — | 15 |
| | *49* | — | *49* | — | *49* |
| S11 | 45 | — | 39 | — | 39 |
| | *150* | — | *130* | — | *130* |
| S12 | 35 | — | 30 | — | 30 |
| | *115* | — | *100* | — | *100* |
| S13 | 27 | — | 23 | — | 23 |
| | *90* | — | *75* | — | *75* |

Utilizaţi tabelul SMG pentru a clasifica un semifabricat. Utilizaţi tabelul de mai jos pentru a alege viteza de aşchiere. Vitezele de aşchiere ($v_c$) ale mesei reprezintă recomandări pentru valoarea de începere. Este recomandat să optimizaţi datele de aşchiere în funcţie de starea maşinii, de material şi de configurare. Intervalele recomandate de utilizat pentru fiecare nivel de calitate sunt CP200, CP300, CP500, TTP2050 şi H15 +/-15 %

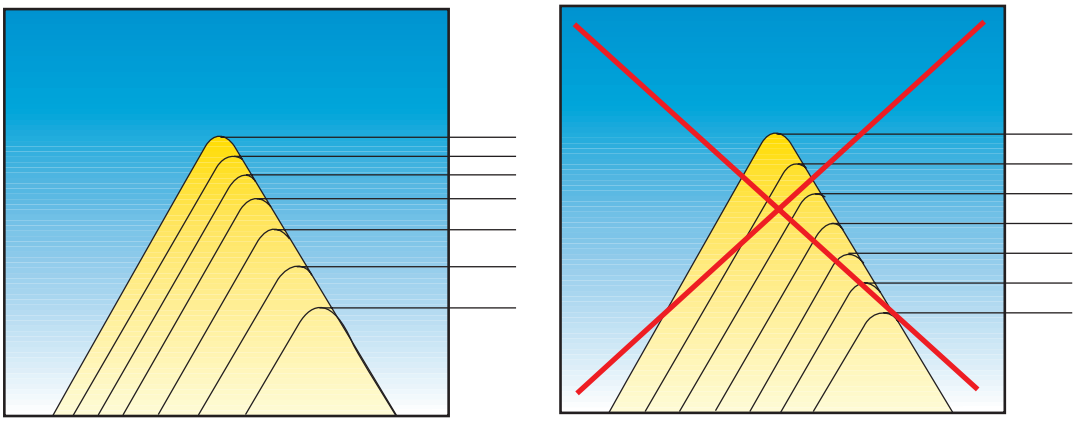
SMG=Seco Material Group
$v_a$ = viteză de aşchiere (m/min)

Reţineţi că, la filetare, raportul dintre turaţie şi rata avansului este unul fix. Asiguraţi-vă că viteza de aşchiere selectată nu are ca rezultat o viteză de avans prea mare.

## Număr de treceri și adâncimi de așchiere

Un filet nu poate fi realizat dintr-o singură așchiere din cauza muchiei așchietoare relativ casante. Adâncimea totală de așchiere trebuie divizată în mai multe treceri. Aceste treceri trebuie să aibă forţe de așchiere similare (secţiuni egale ale așchiei), vezi figurile.

Utilizaţi tabelele de la paginile 23-33 pentru a găsi recomandări pentru numărul de treceri și adâncimile de așchiere. Tabelele oferă recomandări de bază și sunt aplicabile tuturor geometriilor - Original, A, A1 și A2.



– Avansul generat are la bază un bun control al toleranţei OD/ID pentru profilul selectat.
– Dacă plăcuţa se crapă, numărul de treceri trebuie mărit.
– Adâncimea avansului nu trebuie să fie de sub 0,05 mm (0,0020”)/trecere.
– În cazul oţelurilor inoxidabile, adâncimea avansului pe trecere trebuie să fie mai mare de 0,08 mm (0,0031”).
– Recomandările pot fi utilizate, de asemenea, pentru plăcuţele cu profil parţial. Numărul de treceri trebuie mărit în cele mai multe cazuri.
– Raza la vârf a plăcuţei este relativ mică și se poate rupe la suprasarcină.

## Viteza de aşchiere – MDT metric (*Inci*)

| SMG | $v_c$ m/min *sf/min* |
|---|---|
| | CP500 |
| P1 | 155<br>*510* |
| P2 | 150<br>*490* |
| P3 | 130<br>*425* |
| P4 | 115<br>*375* |
| P5 | 110<br>*360* |
| P6 | 125<br>*410* |
| P7 | 115<br>*375* |
| P8 | 110<br>*360* |
| P11 | 115<br>*375* |
| P12 | 65<br>*215* |
| M1 | 135<br>*445* |
| M2 | 110<br>*360* |
| M3 | 85<br>*280* |
| M4 | 65<br>*215* |
| M5 | 50<br>*165* |
| K1 | 130<br>*425* |
| K2 | 110<br>*360* |
| K3 | 95<br>*310* |
| K4 | 90<br>*295* |
| K5 | 55<br>*180* |
| K6 | 80<br>*260* |
| K7 | 70<br>*230* |
| N1 | — |
| N2 | — |
| N3 | — |
| N11 | 85<br>*280* |
| S1 | 21<br>*70* |
| S2 | 17<br>*55* |
| S3 | 15<br>*49* |
| S11 | — |
| S12 | — |
| S13 | — |

Utilizaţi tabelul SMG pentru a clasifica un semifabricat.
Utilizaţi tabelul de mai jos pentru a alege viteza de aşchiere.
SMG = Grupa de material Seco
$v_c$ = m/min
Vitezele de aşchiere ($v_c$) din table sunt recomandări de pornire.
În funcţie de maşină, material şi condiţiile de prelucrare se recomandă optimizarea parametrilor de aşchiere. Plaja recomandată pentru CP500 +/-15%

## Viteza de aşchiere – Mini Shaft metric (*Inci*)

| SMG | $v_c$ m/min *sf/min* |
|---|---|
| | CP500 |
| P1 | 155 *510* |
| P2 | 150 *490* |
| P3 | 130 *425* |
| P4 | 115 *375* |
| P5 | 110 *360* |
| P6 | 125 *410* |
| P7 | 115 *375* |
| P8 | 110 *360* |
| P11 | 115 *375* |
| P12 | 65 *215* |
| M1 | 80 *260* |
| M2 | 65 *215* |
| M3 | 50 *165* |
| M4 | 37 *120* |
| M5 | 31 *100* |
| K1 | 150 *490* |
| K2 | 130 *425* |
| K3 | 110 *360* |
| K4 | 105 *345* |
| K5 | 65 *215* |
| K6 | 95 *310* |
| K7 | 80 *260* |
| N1 | — |
| N2 | — |
| N3 | — |
| N11 | 95 *310* |
| S1 | 19 *60* |
| S2 | 15 *49* |
| S3 | 13 *43* |
| S11 | — |
| S12 | — |
| S13 | — |

Utilizaţi tabelul SMG pentru a clasifica un semifabricat.
Utilizaţi tabelul de mai jos pentru a alege viteza de aşchiere.
SMG = Grupa de material Seco
$v_c$ = m/min
Vitezele de aşchiere ($v_c$) din table sunt recomandări de pornire.
În funcţie de maşină, material şi condiţiile de prelucrare se recomandă optimizarea parametrilor de aşchiere. Plaja recomandată pentru CP500 +/-15%

## Număr de treceri și adâncimi de așchiere

**Fileturi ISO-metrice externe, metric (*Inci*)**

| $P_h$ | 6.0 | 5.5 | 5.0 | 4.5 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.75 | 1.5 | 1.25 | 1.0 | 0.80 | 0.75 | 0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 3,82 *(0.150)* | 3,52 *(0.139)* | 3,19 *(0.126)* | 2,87 *(0.113)* | 2,53 *(0.100)* | 2,23 *(0.088)* | 1,92 *(0.076)* | 1,60 *(0.063)* | 1,25 *(0.049)* | 1,13 *(0.044)* | 0,93 *(0.037)* | 0,81 *(0.032)* | 0,65 *(0.026)* | 0,52 *(0.020)* | 0,48 *(0.019)* | 0,33 *(0.013)* |
| 1 | 0,46 *(0.018)* | 0,43 *(0.017)* | 0,41 *(0.016)* | 0,37 *(0.015)* | 0,34 *(0.013)* | 0,34 *(0.013)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,11 *(0.004)* |
| 2 | 0,43 *(0.017)* | 0,40 *(0.016)* | 0,39 *(0.015)* | 0,34 *(0.013)* | 0,32 *(0.013)* | 0,31 *(0.012)* | 0,26 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,09 *(0.004)* |
| 3 | 0,35 *(0.014)* | 0,32 *(0.013)* | 0,32 *(0.013)* | 0,28 *(0.011)* | 0,25 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,07 *(0.003)* |
| 4 | 0,30 *(0.012)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,07 *(0.003)* | 0,06 *(0.002)* |
| 5 | 0,29 *(0.011)* | 0,26 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – |
| 6 | 0,26 *(0.010)* | 0,24 *(0.009)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – |
| 7 | 0,24 *(0.009)* | 0,21 *(0.008)* | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – |
| 8 | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 9 | 0,22 *(0.009)* | 0,19 *(0.007)* | 0,19 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | – | – | – | – | – | – | – | – |
| 10 | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – |
| 11 | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – |
| 12 | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – |
| 13 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – |
| 14 | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – |
| 15 | 0,13 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

## Fileturi ISO-metrice interne, metric (*Inci*)

| $P_h$ | 6.0 | 5.5 | 5.0 | 4.5 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.75 | 1.5 | 1.25 | 1.0 | 0.80 | 0.75 | 0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 3,54 *(0.139)* | 3,25 *(0.128)* | 2,96 *(0.117)* | 2,65 *(0.104)* | 2,33 *(0.092)* | 2,05 *(0.081)* | 1,78 *(0.070)* | 1,48 *(0.058)* | 1,17 *(0.046)* | 1,05 *(0.041)* | 0,85 *(0.033)* | 0,75 *(0.030)* | 0,60 *(0.024)* | 0,49 *(0.019)* | 0,46 *(0.018)* | 0,31 *(0.012)* |
| 1 | 0,46 *(0.018)* | 0,43 *(0.017)* | 0,42 *(0.017)* | 0,37 *(0.015)* | 0,34 *(0.013)* | 0,32 *(0.013)* | 0,28 *(0.011)* | 0,26 *(0.010)* | 0,23 *(0.009)* | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,17 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,10 *(0.004)* |
| 2 | 0,43 *(0.017)* | 0,40 *(0.016)* | 0,40 *(0.016)* | 0,34 *(0.013)* | 0,31 *(0.012)* | 0,30 *(0.012)* | 0,26 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,08 *(0.003)* |
| 3 | 0,35 *(0.014)* | 0,33 *(0.013)* | 0,32 *(0.013)* | 0,28 *(0.011)* | 0,24 *(0.009)* | 0,24 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,07 *(0.003)* |
| 4 | 0,30 *(0.012)* | 0,26 *(0.010)* | 0,26 *(0.010)* | 0,23 *(0.009)* | 0,21 *(0.008)* | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,10 *(0.004)* | 0,09 *(0.004)* | 0,07 *(0.003)* | 0,07 *(0.003)* | 0,06 *(0.002)* |
| 5 | 0,26 *(0.010)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,11 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | – | – | – |
| 6 | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – |
| 7 | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 8 | 0,19 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 9 | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – |
| 10 | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – |
| 11 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,09 *(0.004)* | – | – | – | – | – | – | – | – | – |
| 12 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – |
| 13 | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – |
| 14 | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – |
| 15 | 0,12 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

**Fileturi Whitworth externe/interne, metric (*Inci*)**

| TPI | 4.0 | 4.5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 18 | 19 | 20 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 4,29 *(0.169)* | 3,82 *(0.150)* | 3,44 *(0.135)* | 2,90 *(0.114)* | 2,50 *(0.098)* | 2,17 *(0.085)* | 1,93 *(0.076)* | 1,76 *(0.069)* | 1,58 *(0.062)* | 1,45 *(0.057)* | 1,20 *(0.047)* | 1,13 *(0.044)* | 1,01 *(0.040)* | 0,96 *(0.038)* | 0,92 *(0.036)* | 0,72 *(0.028)* | 0,69 *(0.027)* |
| 1 | 0,49 *(0.019)* | 0,46 *(0.018)* | 0,45 *(0.018)* | 0,38 *(0.015)* | 0,37 *(0.015)* | 0,32 *(0.013)* | 0,30 *(0.012)* | 0,29 *(0.069)* | 0,28 *(0.011)* | 0,28 *(0.011)* | 0,24 *(0.009)* | 0,24 *(0.009)* | 0,23 *(0.009)* | 0,22 *(0.0090)* | 0,21 *(0.008)* | 0,19 *(0.007)* | 0,18 *(0.007)* |
| 2 | 0,46 *(0.018)* | 0,43 *(0.017)* | 0,43 *(0.017)* | 0,36 *(0.014)* | 0,35 *(0.014)* | 0,30 *(0.012)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,26 *(0.010)* | 0,26 *(0.010)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* |
| 3 | 0,38 *(0.015)* | 0,38 *(0.015)* | 0,38 *(0.015)* | 0,30 *(0.012)* | 0,29 *(0.011)* | 0,24 *(0.009)* | 0,23 *(0.009)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,19 *(0.007)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* |
| 4 | 0,36 *(0.014)* | 0,33 *(0.013)* | 0,32 *(0.013)* | 0,26 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,16 *(0.006)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* |
| 5 | 0,34 *(0.013)* | 0,29 *(0.011)* | 0,28 *(0.011)* | 0,22 *(0.009)* | 0,22 *(0.009* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,16 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* |
| 6 | 0,31 *(0.012)* | 0,25 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,19 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – |
| 7 | 0,29 *(0.011)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,09 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – |
| 8 | 0,27 *(0.011)* | 0,22 *(0.009)* | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 9 | 0,24 *(0.009)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – |
| 10 | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – |
| 11 | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – |
| 12 | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – |
| 13 | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | 0,12 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

**Fileturi UN externe, metric (*Inci*)**

| TPI | 4.0 | 4.5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 18 | 20 | 24 | 28 | 32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 4,07 *(0.160)* | 3,62 *(0.143)* | 3,29 *(0.130)* | 2,71 *(0.107)* | 2,33 *(0.092)* | 2,08 *(0.082)* | 1,84 *(0.072)* | 1,66 *(0.065)* | 1,52 *(0.060)* | 1,39 *(0.055)* | 1,29 *(0.051)* | 1,19 *(0.047)* | 1,05 *(0.041)* | 0,94 *(0.037)* | 0,84 *(0.033)* | 0,70 *(0.028)* | 0,60 *(0.024)* | 0,53 *(0.021)* |
| 1 | 0,47 *(0.019)* | 0,45 *(0.018)* | 0,43 *(0.017)* | 0,36 *(0.014)* | 0,35 *(0.014)* | 0,30 *(0.012)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,27 *(0.011)* | 0,27 *(0.011)* | 0,25 *(0.010)* | 0,23 *(0.009)* | 0,22 *(0.009)* | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,17 *(0.007)* | 0,17 *(0.007)* |
| 2 | 0,44 *(0.017)* | 0,41 *(0.016)* | 0,40 *(0.016)* | 0,34 *(0.013)* | 0,33 *(0.013)* | 0,28 *(0.011)* | 0,26 *(0.010)* | 0,26 *(0.010)* | 0,25 *(0.010)* | 0,26 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,21 *(0.008)* | 0,19 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* |
| 3 | 0,40 *(0.016)* | 0,39 *(0.015)* | 0,36 *(0.014)* | 0,27 *(0.011)* | 0,26 *(0.010)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* | 0,13 *(0.005)* |
| 4 | 0,36 *(0.014)* | 0,31 *(0.012)* | 0,31 *(0.012)* | 0,23 *(0.009)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,09 *(0.004)* | 0,08 *(0.003)* |
| 5 | 0,32 *(0.013)* | 0,26 *(0.010)* | 0,26 *(0.010)* | 0,22 *(0.009)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – |
| 6 | 0,27 *(0.011)* | 0,23 *(0.009)* | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – |
| 7 | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – |
| 8 | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 9 | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,19 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – |
| 10 | 0,21 *(0.008)* | 0,17 *(0.007)* | 0,18 *(0.007)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – |
| 11 | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,17 *(0.007)* | 0,13 *(0.005)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – |
| 12 | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,12 *(0.005)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – | – |
| 13 | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | 0,12 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

## Fileturi UN interne, metric (*Inci*)

| TPI | 4 | 4.5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 18 | 20 | 24 | 28 | 32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 3,74 *(0.147)* | 3,32 *(0.131)* | 2,99 *(0.118)* | 2,46 *(0.097)* | 2,13 *(0.084)* | 1,88 *(0.074)* | 1,66 *(0.065)* | 1,49 *(0.059)* | 1,36 *(0.054)* | 1,25 *(0.049)* | 1,14 *(0.045)* | 1,06 *(0.042)* | 0,93 *(0.037)* | 0,84 *(0.033)* | 0,76 *(0.030)* | 0,64 *(0.025)* | 0,56 *(0.022)* | 0,49 *(0.019)* |
| 1 | 0,44 *(0.017)* | 0,41 *(0.016)* | 0,42 *(0.017)* | 0,35 *(0.014)* | 0,34 *(0.013)* | 0,30 *(0.012)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,27 *(0.011)* | 0,27 *(0.011)* | 0,25 *(0.010)* | 0,23 *(0.009)* | 0,22 *(0.009)* | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,17 *(0.007)* |
| 2 | 0,41 *(0.016)* | 0,38 *(0.015)* | 0,38 *(0.015)* | 0,33 *(0.013)* | 0,32 *(0.013)* | 0,28 *(0.011)* | 0,26 *(0.010)* | 0,25 *(0.010)* | 0,23 *(0.009)* | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006* |
| 3 | 0,39 *(0.015)* | 0,34 *(0.013)* | 0,33 *(0.013)* | 0,25 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,09 *(0.004)* | 0,10 *(0.004)* |
| 4 | 0,33 *(0.013)* | 0,28 *(0.011)* | 0,27 *(0.011)* | 0,21 *(0.008)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* |
| 5 | 0,28 *(0.011)* | 0,23 *(0.009)* | 0,23 *(0.009)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – |
| 6 | 0,24 *(0.009)* | 0,20 *(0.008)* | 0,20 *(0.008)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,13 *(0.005)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – |
| 7 | 0,22 *(0.009)* | 0,19 *(0.007)* | 0,18 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – |
| 8 | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,11 *(0.004)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – |
| 9 | 0,20 *(0.008)* | 0,17 *(0.007)* | 0,16 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – |
| 10 | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,12 *(0.005)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,09 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – |
| 11 | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – |
| 12 | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* | 0,08 *(0.003)* | 0,08 *(0.003)* | – | – | – | – | – | – | – | – | – | – | – | – |
| 13 | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,11 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,10 *(0.004)* | *0,10 (0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | 0,12 *(0.005)* | 0,12 *(0.005)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | 0,10 *(0.004)* | 0,10 *(0.004)* | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |

## Plăcuţe externe cu mai mulţi dinţi, metric (*Inci*)

| | ISO Metric | | | | | | UN | | | | | Whitworth | NPT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tip | 3M | 2M | 3M | 2M | 3M | 2M | 2M | 3M | 2M | 3M | 2M | 2M | 2M | 3M | 2M |
| $P_h$ mm | 1,0 | 1,5 | 1,5 | 2,0 | 2,0 | 3,0 | – | – | – | – | – | – | – | – | – |
| TPI | – | – | – | – | – | – | 16 | 16 | 12 | 12 | 8 | 11 | 11,5 | 11,5 | 8 |
| $a_p$ mm (*inci*) | 0,65 *(0.026)* | 0,93 *(0.037)* | 0,93 *(0.037)* | 1,25 *(0.049)* | 1,25 *(0.049)* | 1,92 *(0.076)* | 1,05 *(0.041)* | 1,05 *(0.041)* | 1,39 *(0.055)* | 1,39 *(0.055)* | 2,08 *(0.082)* | 1,58 *(0.062)* | 1,76 *(0.069)* | 1,76 *(0.069)* | 2,54 *(0.100)* |
| Pasul 1 mm (*inci*) | 0,36 *(0.026)* | 0,43 *(0.017)* | 0,56 *(0.022)* | 0,57 *(0.022)* | 0,75 *(0.030)* | 0,65 *(0.026)* | 0,49 *(0.019)* | 0,64 *(0.025)* | 0,64 *(0.025)* | 0,84 *(0.033)* | 0,70 *(0.028)* | 0,73 *(0.029)* | 0,59 *(0.023)* | 0,81 *(0.032)* | 0,88 *(0.035)* |
| 2 | 0,29 *(0.011)* | 0,30 *(0.012)* | 0,37 *(0.015)* | 0,40 *(0.016)* | 0,50 *(0.020)* | 0,53 *(0.021)* | 0,33 *(0.013)* | 0,41 *(0.016)* | 0,44 *(0.017)* | 0,55 *(0.022)* | 0,57 *(0.022)* | 0,50 *(0.020)* | 0,50 *(0.020)* | 0,57 *(0.022)* | 0,64 *(0.025)* |
| 3 | – | 0,20 *(0.008)* | – | 0,28 *(0.011)* | – | 0,42 *(0.017)* | 0,23 *(0.009)* | – | 0,31 *(0.012)* | – | 0,46 *(0.018)* | 0,35 *(0.014)* | 0,37 *(0.015)* | 0,38 *(0.015)* | 0,57 *(0.022)* |
| 4 | – | – | – | – | – | 0,32 *(0.013)* | – | – | – | – | 0,35 *(0.014)* | – | 0,30 *(0.012)* | – | 0,45 *(0.018)* |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

## Plăcuţe interne cu mai mulţi dinţi, metric (*Inci*)

| | ISO Metric | | | | | | UN | | | | | Whitworth | NPT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tip** | **3M** | **2M** | **3M** | **2M** | **3M** | **2M** | **2M** | **3M** | **2M** | **3M** | **2M** | **2M** | **2M** | **3M** | **2M** |
| **$P_h$ mm** | 1,0 | 1,5 | 1,5 | 2,0 | 2,0 | 3,0 | – | – | – | – | – | – | – | – | – |
| **TPI** | – | – | – | – | – | – | 16 | 16 | 12 | 12 | 8 | 11 | 11,5 | 11,5 | 8 |
| **$a_p$ mm (*inci*)** | 0,60 *(0.024)* | 0,85 *(0.033)* | 0,85 *(0.033)* | 1,17 *(0.046)* | 1,17 *(0.046)* | 1,78 *(0.070)* | 0,93 *(0.037)* | 0,93 *(0.037)* | 1,25 *(0.049)* | 1,25 *(0.049)* | 1,88 *(0.074)* | 1,58 *(0.062)* | 1,76 *(0.069)* | 1,76 *(0.069)* | 2,54 *(0.100)* |
| **Pasul 1 mm (*inci*)** | 0,33 *(0.013)* | 0,38 *(0.015)* | 0,51 *(0.020)* | 0,51 *(0.020)* | 0,70 *(0.028)* | 0,55 *(0.022)* | 0,42 *(0.017)* | 0,56 *(0.022)* | 0,56 *(0.022)* | 0,75 *(0.030)* | 0,58 *(0.023)* | 0,73 *(0.029)* | 0,59 *(0.023)* | 0,81 *(0.032)* | 0,88 *(0.035)* |
| **2** | 0,27 *(0.011)* | 0,27 *(0.011)* | 0,34 *(0.013)* | 0,38 *(0.015)* | 0,47 *(0.019)* | 0,49 *(0.019)* | 0,30 *(0.017)* | 0,37 *(0.015)* | 0,40 *(0.016)* | 0,50 *(0.020)* | 0,51 *(0.020)* | 0,50 *(0.020)* | 0,50 *(0.020)* | 0,57 *(0.022)* | 0,64 *(0.025)* |
| **3** | – | 0,20 *(0.008)* | – | 0,28 *(0.011)* | – | 0,42 *(0.017)* | 0,21 *(0.008)* | – | 0,29 *(0.011)* | – | 0,44 *(0.017)* | 0,35 *(0.014)* | 0,37 *(0.015)* | 0,38 *(0.015)* | 0,57 *(0.022)* |
| **4** | – | – | – | – | – | 0,32 *(0.013)* | – | – | – | – | 0,35 *(0.014)* | – | 0,30 *(0.012)* | – | 0,45 *(0.018)* |

## Fileturi NPT externe/interne, metric (*Inci*)

| **TPI** | **8** | **11,5** | **14** | **18** | **27** |
|---|---|---|---|---|---|
| **$a_p$** | 2,54 *(0.100)* | 1,76 *(0.069)* | 1,45 *(0.057)* | 1,12 *(0.044)* | 0,75 *(0.030)* |
| **1** | 0,28 *(0.011)* | 0,25 *(0.010)* | 0,24 *(0.009)* | 0,22 *(0.009)* | 0,19 *(0.007)* |
| **2** | 0,25 *(0.010)* | 0,22 *(0.009* | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,15 *(0.006)* |
| **3** | 0,22 *(0.009)* | 0,18 *(0.007)* | 0,17 *(0.007)* | 0,15 *(0.006)* | 0,13 *(0.005)* |
| **4** | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,15 *(0.006)* | 0,14 *(0.006)* | 0,11 *(0.004)* |
| **5** | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,09 *(0.004)* |
| **6** | 0,18 *(0.007)* | 0,14 *(0.006)* | 0,13 *(0.005)* | 0,12 *(0.005)* | 0,08 *(0.003)* |
| **7** | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,12 *(0.005)* | 0,10 *(0.004)* | – |
| **8** | 0,17 *(0.007)* | 0,12 *(0.005)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – |
| **9** | 0,16 *(0.006)* | 0,12 *(0.005)* | 0,10 *(0.004)* | – | – |
| **10** | 0,16 *(0.006)* | 0,10 *(0.004)* | 0,08 *(0.003)* | – | – |
| **11** | 0,14 *(0.006)* | 0,09 *(0.004)* | – | – | – |
| **12** | 0,13 *(0.005)* | 0,08 *(0.003)* | – | – | – |
| **13** | 0,12 *(0.005)* | – | – | – | – |
| **14** | 0,11 *(0.004)* | – | – | – | – |
| **15** | 0,08 *(0.003)* | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

### Rotund DIN 405 extern, metric (*Inci*)

| TPI | 4 | 6 | 8 | 10 |
|---|---|---|---|---|
| $a_p$ | 3,43 *(0.135)* | 2,23 *(0.088)* | 1,73 *(0.068)* | 1,40 *(0.055)* |
| 1 | 0,44 *(0.017)* | 0,33 *(0.013)* | 0,29 *(0.011)* | 0,26 *(0.010)* |
| 2 | 0,40 *(0.016)* | 0,29 *(0.011)* | 0,26 *(0.010)* | 0,25 *(0.010)* |
| 3 | 0,34 *(0.013)* | 0,25 *(0.010)* | 0,21 *(0.008)* | 0,23 *(0.009)* |
| 4 | 0,32 *(0.013)* | 0,23 *(0.009)* | 0,19 *(0.007)* | 0,20 *(0.008)* |
| 5 | 0,28 *(0.011)* | 0,20 *(0.008)* | 0,18 *(0.007)* | 0,16 *(0.006)* |
| 6 | 0,26 *(0.010)* | 0,18 *(0.007)* | 0,16 *(0.006)* | 0,12 *(0.005)* |
| 7 | 0,24 *(0.009)* | 0,16 *(0.006)* | 0,14 *(0.006)* | 0,10 *(0.004)* |
| 8 | 0,22 *(0.009)* | 0,15 *(0.006)* | 0,12 *(0.005)* | 0,08 *(0.003)* |
| 9 | 0,20 *(0.008)* | 0,14 *(0.006)* | 0,10 *(0.004)* | – |
| 10 | 0,19 *(0.007)* | 0,12 *(0.005)* | 0,08 *(0.003)* | – |
| 11 | 0,17 *(0.007)* | 0,10 *(0.004)* | – | – |
| 12 | 0,15 *(0.006)* | 0,08 *(0.003)* | – | – |
| 13 | 0,12 *(0.005)* | – | – | – |
| 14 | 0,10 *(0.004)* | – | – | – |

### Rotund DIN 405 intern, metric (*Inci*)

| TPI | 4 | 6 | 8 | 10 |
|---|---|---|---|---|
| $a_p$ | 3,59 *(0.141)* | 2,44 *(0.096)* | 1,66 *(0.065)* | 1,49 *(0.059)* |
| 1 | 0,46 *(0.018)* | 0,38 *(0.015)* | 0,26 *(0.010)* | 027 *(0.011)* |
| 2 | 0,43 *(0.017)* | 0,34 *(0.013)* | 0,22 *(0.009)* | 0,26 *(0.010)* |
| 3 | 0,40 *(0.016)* | 0,30 *(0.012)* | 0,21 *(0.009)* | 0,25 *(0.010)* |
| 4 | 0,35 *(0.014)* | 0,25 *(0.010)* | 0,19 *(0.007)* | 0,22 *(0.009)* |
| 5 | 0,30 *(0.012)* | 0,21 *(0.008)* | 0,18 *(0.007)* | 0,18 *(0.007)* |
| 6 | 0,26 *(0.010)* | 0,19 *(0.007)* | 0,16 *(0.006)* | 0,13 *(0.005)* |
| 7 | 0,24 *(0.009)* | 0,17 *(0.007)* | 0,14 *(0.006)* | 0,10 *(0.004)* |
| 8 | 0,22 *(0.009)* | 0,16 *(0.006)* | 0,12 *(0.005)* | 0,08 *(0.003)* |
| 9 | 0,20 *(0.008)* | 0,14 *(0.006)* | 0,10 *(0.004)* | – |
| 10 | 0,19 *(0.007)* | 0,12 *(0.005)* | 0,08 *(0.003)* | – |
| 11 | 0,17 *(0.007)* | 0,10 *(0.004)* | – | – |
| 12 | 0,15 *(0.006)* | 0,08 *(0.003)* | – | – |
| 13 | 0,12 *(0.005)* | – | – | – |
| 14 | 0,10 *(0.004)* | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

## Filet TR exterior, metric

| $P_h$ | 14.0 | 12.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 8,2 | 6,72 | 5,7 | 5,16 | 4,68 | 4,17 | 3,66 | 2,89 | 2,38 | 1,83 | 1,33 | 0,97 |
| **1** | 0,40 | 0,38 | 0,38 | 0,38 | 0,37 | 0,37 | 0,37 | 0,34 | 0,31 | 0,27 | 0,25 | 0,23 |
| **2** | 0,37 | 0,36 | 0,36 | 0,35 | 0,35 | 0,34 | 0,35 | 0,33 | 0,28 | 0,25 | 0,24 | 0,22 |
| **3** | 0,36 | 0,34 | 0,34 | 0,34 | 0,34 | 0,33 | 0,32 | 0,27 | 0,24 | 0,21 | 0,20 | 0,18 |
| **4** | 0,36 | 0,34 | 0,34 | 0,33 | 0,33 | 0,31 | 0,29 | 0,25 | 0,20 | 0,17 | 0,17 | 0,14 |
| **5** | 0,35 | 0,32 | 0,32 | 0,31 | 0,31 | 0,29 | 0,27 | 0,23 | 0,19 | 0,15 | 0,14 | 0,12 |
| **6** | 0,35 | 0,32 | 0,32 | 0,30 | 0,29 | 0,26 | 0,25 | 0,21 | 0,18 | 0,13 | 0,13 | 0,08 |
| **7** | 0,34 | 0,30 | 0,31 | 0,29 | 0,28 | 0,26 | 0,23 | 0,20 | 0,16 | 0,13 | 0,11 | – |
| **8** | 0,34 | 0,30 | 0,29 | 0,28 | 0,27 | 0,26 | 0,22 | 0,20 | 0,15 | 0,12 | 0,09 | – |
| **9** | 0,34 | 0,30 | 0,28 | 0,26 | 0,25 | 0,24 | 0,22 | 0,18 | 0,15 | 0,12 | – | – |
| **10** | 0,33 | 0,29 | 0,27 | 0,25 | 0,24 | 0,23 | 0,20 | 0,16 | 0,15 | 0,10 | – | – |
| **11** | 0,33 | 0,29 | 0,25 | 0,24 | 0,23 | 0,22 | 0,18 | 0,15 | 0,14 | 0,10 | – | – |
| **12** | 0,32 | 0,29 | 0,24 | 0,23 | 0,21 | 0,22 | 0,17 | 0,14 | 0,13 | 0,08 | – | – |
| **13** | 0,32 | 0,28 | 0,23 | 0,22 | 0,20 | 0,20 | 0,17 | 0,13 | 0,10 | – | – | – |
| **14** | 0,31 | 0,27 | 0,22 | 0,21 | 0,19 | 0,19 | 0,16 | 0,10 | – | – | – | – |
| **15** | 0,31 | 0,25 | 0,22 | 0,21 | 0,19 | 0,17 | 0,14 | – | – | – | – | – |
| **16** | 0,30 | 0,25 | 0,20 | 0,19 | 0,18 | 0,16 | 0,12 | – | – | – | – | – |
| **17** | 0,30 | 0,24 | 0,19 | 0,18 | 0,17 | 0,12 | – | – | – | – | – | – |
| **18** | 0,29 | 0,22 | 0,18 | 0,16 | 0,15 | – | – | – | – | – | – | – |
| **19** | 0,28 | 0,20 | 0,17 | 0,15 | 0,13 | – | – | – | – | – | – | – |
| **20** | 0,27 | 0,20 | 0,16 | 0,15 | – | – | – | – | – | – | – | – |
| **21** | 0,23 | 0,19 | 0,15 | 0,13 | – | – | – | – | – | – | – | – |
| **22** | 0,23 | 0,18 | 0,15 | – | – | – | – | – | – | – | – | – |
| **23** | 0,21 | 0,17 | 0,13 | – | – | – | – | – | – | – | – | – |
| **24** | 0,19 | 0,16 | – | – | – | – | – | – | – | – | – | – |
| **25** | 0,17 | 0,15 | – | – | – | – | – | – | – | – | – | – |
| **26** | 0,16 | 0,13 | – | – | – | – | – | – | – | – | – | – |
| **27** | 0,16 | – | – | – | – | – | – | – | – | – | – | – |
| **28** | 0,15 | – | – | – | – | – | – | – | – | – | – | – |
| **29** | 0,13 | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

## Filet TR interior, metric

| $P_h$ | 14.0 | 12.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 8,47 | 6,71 | 5,7 | 5,19 | 4,68 | 4,17 | 3,65 | 2,89 | 2,38 | 1,85 | 1,34 | 0,98 |
| 1 | 0,40 | 0,38 | 0,38 | 0,38 | 0,37 | 0,37 | 0,37 | 0,34 | 0,31 | 0,27 | 0,25 | 0,23 |
| 2 | 0,37 | 0,36 | 0,36 | 0,35 | 0,35 | 0,34 | 0,34 | 0,33 | 0,28 | 0,25 | 0,24 | 0,22 |
| 3 | 0,36 | 0,34 | 0,34 | 0,34 | 0,34 | 0,33 | 0,32 | 0,27 | 0,24 | 0,22 | 0,21 | 0,19 |
| 4 | 0,36 | 0,34 | 0,34 | 0,33 | 0,33 | 0,31 | 0,29 | 0,25 | 0,20 | 0,17 | 0,17 | 0,14 |
| 5 | 0,35 | 0,32 | 0,32 | 0,31 | 0,31 | 0,29 | 0,27 | 0,23 | 0,19 | 0,15 | 0,14 | 0,12 |
| 6 | 0,35 | 0,32 | 0,32 | 0,31 | 0,29 | 0,26 | 0,25 | 0,21 | 0,18 | 0,14 | 0,13 | 0,08 |
| 7 | 0,34 | 0,30 | 0,31 | 0,29 | 0,28 | 0,26 | 0,23 | 0,20 | 0,16 | 0,13 | 0,11 | – |
| 8 | 0,34 | 0,30 | 0,29 | 0,29 | 0,27 | 0,26 | 0,22 | 0,20 | 0,15 | 0,12 | 0,09 | – |
| 9 | 0,34 | 0,30 | 0,28 | 0,26 | 0,25 | 0,24 | 0,22 | 0,18 | 0,15 | 0,12 | – | – |
| 10 | 0,33 | 0,29 | 0,27 | 0,25 | 0,24 | 0,23 | 0,20 | 0,16 | 0,15 | 0,10 | – | – |
| 11 | 0,33 | 0,29 | 0,25 | 0,24 | 0,23 | 0,22 | 0,18 | 0,15 | 0,14 | 0,10 | – | – |
| 12 | 0,32 | 0,28 | 0,24 | 0,23 | 0,21 | 0,22 | 0,17 | 0,14 | 0,13 | 0,08 | – | – |
| 13 | 0,32 | 0,28 | 0,23 | 0,22 | 0,20 | 0,20 | 0,17 | 0,13 | 0,10 | – | – | – |
| 14 | 0,31 | 0,27 | 0,22 | 0,21 | 0,19 | 0,19 | 0,16 | 0,10 | – | – | – | – |
| 15 | 0,31 | 0,25 | 0,22 | 0,21 | 0,19 | 0,17 | 0,14 | – | – | – | – | – |
| 16 | 0,30 | 0,25 | 0,20 | 0,19 | 0,18 | 0,16 | 0,12 | – | – | – | – | – |
| 17 | 0,30 | 0,24 | 0,19 | 0,18 | 0,17 | 0,12 | – | – | – | – | – | – |
| 18 | 0,29 | 0,22 | 0,18 | 0,16 | 0,15 | – | – | – | – | – | – | – |
| 19 | 0,28 | 0,20 | 0,17 | 0,15 | 0,13 | – | – | – | – | – | – | – |
| 20 | 0,27 | 0,20 | 0,16 | 0,15 | – | – | – | – | – | – | – | – |
| 21 | 0,23 | 0,19 | 0,15 | 0,13 | – | – | – | – | – | – | – | – |
| 22 | 0,23 | 0,18 | 0,15 | – | – | – | – | – | – | – | – | – |
| 23 | 0,21 | 0,17 | 0,13 | – | – | – | – | – | – | – | – | – |
| 24 | 0,19 | 0,16 | – | – | – | – | – | – | – | – | – | – |
| 25 | 0,17 | 0,15 | – | – | – | – | – | – | – | – | – | – |
| 26 | 0,16 | 0,13 | – | – | – | – | – | – | – | – | – | – |
| 27 | 0,16 | – | – | – | – | – | – | – | – | – | – | – |
| 28 | 0,15 | – | – | – | – | – | – | – | – | – | – | – |
| 29 | 0,13 | – | – | – | – | – | – | – | – | – | – | – |
| 30 | 0,13 | – | – | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

**Exterior ACME,** *Inci*

| TPI | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 0.265 | 0.18 | 0.138 | 0.112 | 0.095 | 0.074 | 0.063 | 0.050 | 0.041 | 0.039 |
| 1 | 0.028 | 0.019 | 0.013 | 0.012 | 0.011 | 0.010 | 0.010 | 0.009 | 0.008 | 0.009 |
| 2 | 0.026 | 0.018 | 0.012 | 0.011 | 0.011 | 0.010 | 0.009 | 0.009 | 0.008 | 0.009 |
| 3 | 0.023 | 0.016 | 0.011 | 0.010 | 0.010 | 0.009 | 0.009 | 0.007 | 0.007 | 0.007 |
| 4 | 0.022 | 0.015 | 0.011 | 0.01 | 0.009 | 0.007 | 0.007 | 0.007 | 0.006 | 0.006 |
| 5 | 0.019 | 0.013 | 0.010 | 0.009 | 0.008 | 0.006 | 0.006 | 0.005 | 0.005 | 0.005 |
| 6 | 0.017 | 0.011 | 0.010 | 0.008 | 0.007 | 0.005 | 0.005 | 0.005 | 0.004 | 0.003 |
| 7 | 0.015 | 0.011 | 0.009 | 0.007 | 0.006 | 0.005 | 0.005 | 0.004 | 0.003 | – |
| 8 | 0.013 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.004 | 0.004 | – | – |
| 9 | 0.013 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.004 | – | – | – |
| 10 | 0.011 | 0.009 | 0.007 | 0.006 | 0.006 | 0.004 | 0.004 | – | – | – |
| 11 | 0.011 | 0.008 | 0.007 | 0.006 | 0.006 | 0.004 | – | – | – | – |
| 12 | 0.01 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | – | – | – | – |
| 13 | 0.009 | 0.007 | 0.006 | 0.005 | 0.004 | – | – | – | – | – |
| 14 | 0.009 | 0.007 | 0.006 | 0.004 | – | – | – | – | – | – |
| 15 | 0.008 | 0.006 | 0.006 | 0.004 | – | – | – | – | – | – |
| 16 | 0.007 | 0.005 | 0.004 | – | – | – | – | – | – | – |
| 17 | 0.007 | 0.005 | 0.004 | – | – | – | – | – | – | – |
| 18 | 0.006 | 0.005 | – | – | – | – | – | – | – | – |
| 19 | 0.006 | – | – | – | – | – | – | – | – | – |
| 20 | 0.005 | – | – | – | – | – | – | – | – | – |

**Intern ACME,** *Inci*

| TPI | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|
| $a_p$ | 0.265 | 0.182 | 0.142 | 0.114 | 0.098 | 0.078 | 0.065 | 0.049 | 0.042 | 0.040 |
| 1 | 0.028 | 0.020 | 0.013 | 0.012 | 0.012 | 0.011 | 0.010 | 0.009 | 0.009 | 0.009 |
| 2 | 0.026 | 0.018 | 0.012 | 0.012 | 0.011 | 0.011 | 0.010 | 0.009 | 0.008 | 0.009 |
| 3 | 0.023 | 0.016 | 0.012 | 0.011 | 0.011 | 0.009 | 0.009 | 0.007 | 0.007 | 0.008 |
| 4 | 0.022 | 0.015 | 0.011 | 0.010 | 0.009 | 0.007 | 0.007 | 0.006 | 0.006 | 0.006 |
| 5 | 0.019 | 0.013 | 0.011 | 0.009 | 0.008 | 0.006 | 0.006 | 0.005 | 0.005 | 0.005 |
| 6 | 0.017 | 0.011 | 0.010 | 0.008 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | 0.003 |
| 7 | 0.015 | 0.011 | 0.009 | 0.007 | 0.007 | 0.005 | 0.005 | 0.004 | 0.003 | – |
| 8 | 0.013 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.004 | 0.004 | – | – |
| 9 | 0.013 | 0.009 | 0.008 | 0.007 | 0.006 | 0.005 | 0.004 | – | – | – |
| 10 | 0.011 | 0.009 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | – | – | – |
| 11 | 0.011 | 0.008 | 0.007 | 0.006 | 0.006 | 0.004 | – | – | – | – |
| 12 | 0.010 | 0.007 | 0.006 | 0.006 | 0.005 | 0.004 | – | – | – | – |
| 13 | 0.009 | 0.007 | 0.006 | 0.005 | 0.004 | – | – | – | – | – |
| 14 | 0.009 | 0.007 | 0.006 | 0.004 | – | – | – | – | – | – |
| 15 | 0.008 | 0.006 | 0.006 | 0.004 | – | – | – | – | – | – |
| 16 | 0.007 | 0.005 | 0.005 | – | – | – | – | – | – | – |
| 17 | 0.007 | 0.005 | 0.005 | – | – | – | – | – | – | – |
| 18 | 0.006 | 0.005 | – | – | – | – | – | – | – | – |
| 19 | 0.006 | – | – | – | – | – | – | – | – | – |
| 20 | 0.005 | – | – | – | – | – | – | – | – | – |

Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

### Plăcuţă multi-dinte TWIN THREADER, TT
### Fileturi exterioare de 60°, metric (*Inci*)

| $P_h$ mm | 2.0 | 1.5 | 1.0 |
|---|---|---|---|
| $a_p$ mm (*inci*) | 1,25 *(0.049)* | 0,93 *(0.037)* | 0,65 *(0.026)* |
| Pasul 1 mm (*inci*) | 0,25 *(0.010)* | 0,22 *(0.009)* | 0,22 *(0.009)* |
| 2 | 0,36 *(0.014)* | 0,31 *(0.012)* | 0,25 *(0.010)* |
| 3 | 0,25 *(0.010)* | 0,22 *(0.009)* | 0,18 *(0.007)* |
| 4 | 0,21 *(0.008)* | 0,18 *(0.007)* | – |
| 5 | 0,18 *(0.007)* | – | – |

### Fileturi interne de 60°, metric (*Inci*)

| $P_h$ mm | 2.0 | 1.5 | 1.0 |
|---|---|---|---|
| $a_p$ mm (*inci*) | 1,17 *(0.046)* | 0,85 *(0.033)* | 0,60 *(0.024)* |
| Pasul 1 mm (*inci*) | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,19 *(0.007)* |
| 2 | 0,34 *(0.013)* | 0,27 *(0.011)* | 0,23 *(0.009)* |
| 3 | 0,23 *(0.009)* | 0,20 *(0.008)* | 0,18 *(0.007)* |
| 4 | 0,19 *(0.007)* | 0,18 *(0.007)* | – |
| 5 | 0,18 *(0.007)* | – | – |

### Fileturi Whitworth și BSPT exterioare și interioare, metric (*Inci*)

| TPI | 11 | 14 |
|---|---|---|
| $a_p$ mm (*inci*) | 1,58 *(0.062)* | 1,20 *(0.047)* |
| Pasul 1 mm (*inci*) | 0,26 *(0.010)* | 0,22 *(0.009)* |
| 2 | 0,38 *(0.015)* | 0,35 *(0.014)* |
| 3 | 0,27 *(0.011)* | 0,24 *(0.009)* |
| 4 | 0,25 *(0.010)* | 0,21 *(0.008)* |
| 5 | 0,22 *(0.009)* | 0,18 *(0.007)* |
| 6 | 0,20 *(0.008)* | – |

### Fileturi UN externe, metric (*Inci*)

| TPI | 12 | 16 |
|---|---|---|
| $a_p$ mm (*inci*) | 1,39 *(0.055)* | 1,05 *(0.041)* |
| Pasul 1 mm (*inci*) | 0,28 *(0.011)* | 0,25 *(0.010)* |
| 2 | 0,38 *(0.015)* | 0,36 *(0.014)* |
| 3 | 0,28 *(0.011)* | 0,26 *(0.010)* |
| 4 | 0,25 *(0.010)* | 0,18 *(0.007)* |
| 5 | 0,20 *(0.008)* | – |

### Fileturi UN interne, metric (*Inci*)

| $P_h$ mm | 2.0 | 1.5 | 1.0 |
|---|---|---|---|
| $a_p$ mm (*inci*) | 1,25 *(0.049)* | 0,93 *(0.037)* | 0,65 *(0.026)* |
| Pasul 1 mm (*inci*) | 0,25 *(0.010)* | 0,22 *(0.009)* | 0,22 *(0.009)* |
| 2 | 0,36 *(0.014)* | 0,31 *(0.012)* | 0,25 *(0.010)* |
| 3 | 0,25 *(0.010)* | 0,22 *(0.009)* | 0,18 *(0.007)* |
| 4 | 0,21 *(0.008)* | 0,18 *(0.007)* | – |
| 5 | 0,18 *(0.007)* | – | – |

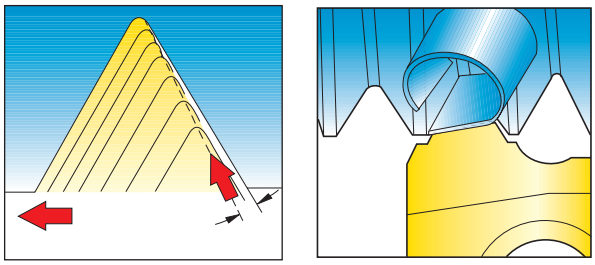
Ph = pas
$a_p$ = Adâncimea totală a avansului
TPI = Fileturi pe inci
Recomandările sunt pentru oţeluri cu o duritate de < 300 HB

# Metoda de avans

Alegerea metodei de avans este foarte importantă în cazul materialelor ce generează așchii lungi, pentru a asigura controlul formării acestora.

## Avansul cu modificare pe flanc

**Pentru mașini CNC și convenţionale**

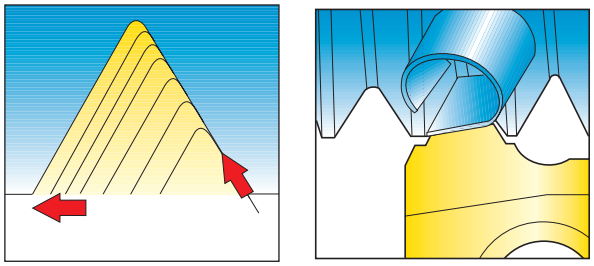


**Prima alegere pentru utilaje CNC**
Unghiul de avans ar trebui să fie cu 2,5–5% mai mic decât unghiul flancului

- Control bun asupra formării așchiei (important în cazul filetării interioare)
- Finisare bună a suprafeței pe filet
- Durată de viață lungă a sculei

## Avansul pe flanc

**Pentru mașini CNC și convenţionale**

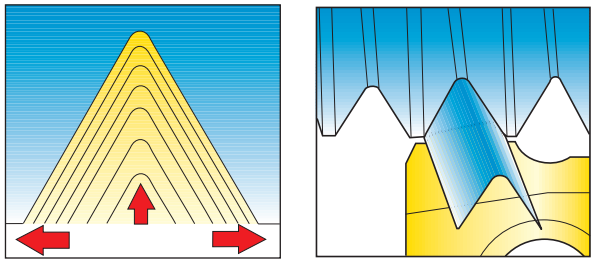


**Alegeţi avansul pe flanc atunci când avansul pe flanc modificat nu poate fi utilizat**

- Control bun asupra formării așchiei
- Poate genera o suprafață cu defecte a filetului
- Nu este recomandat la prelucrarea materialelor cu autocălire

## Avans radial

**Pentru mașini convenţionale și plăcuțe multidinte**

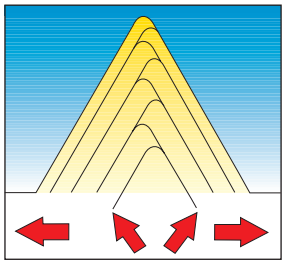


**Plăcuţele multidinte necesită avans radial**
**Prima opţiune la prelucrarea materialelor cu autocălire**

- Așchia este dificil de controlat
- Forţe de așchiere ridicate

## Avans alternativ pe flancuri

**Pentru mașini CNC**



**Prima opţiune** pentru filete rare mari

- Durată lungă de viață a sculei
- Pot apărea probleme de fragmentare a așchiei

# Nomenclator și formule

| RPM | |
|---|---|
| | $n = \frac{v_c \cdot 1000}{\pi \cdot D_c}$ (rot/min) |
| **Viteza de așchiere** | |
| | $v_c = \frac{n \cdot \pi \cdot D_c}{1000}$ (m/min) |
| **Viteza/rate de avans** | |
| | $v_f = \frac{n \cdot P_h}{1000}$ (mm/min) |
| **Pasul** | |
| $P_h = P \cdot$ număr de începuturi | $P_h = P \cdot$ număr de începuturi (mm) |
| **Unghiul elicei** | |
| $\lambda = \arctan \frac{P_h}{D_2 \cdot \pi}$ | (°) |
| **Conversia P la TPI** | |
| | $TPI = \frac{25,4}{P}$ |

| RPM | |
|---|---|
| | $n = \frac{v_c \cdot 3.82}{D}$ (rot/min) |
| **Viteza de așchiere** | |
| | $v_c = \frac{0.262 \cdot D \cdot n}{1000}$ (sf/min) |
| **Viteza/rate de avans** | |
| | $Sv = \frac{n \cdot P_h}{1000}$ (in/min) |
| **Pasul** | |
| $P_h = P \cdot$ număr de începuturi | (inci) |
| **Unghiul elicei** | |
| $\lambda = \arctan \frac{P_h}{D_2 \cdot \pi}$ | (°) |
| **Conversia pasului – TPI** | |
| | $P = \frac{1}{TPI}$ |

| | |
|---|---|
| $D_c$ | = Diametrul semifabricatului (mm) |
| $D_2$ | = Diametru pas (diametru mediu) (mm) |
| n | = RPM (rotaţii pe minut) |
| P | = Pas (mm) |
| $P_h$ | = Pas (mm) |
| $v_f$ | = Viteza de avans (rata avansului) (m/min) |
| TPI | = Număr de fileturi pe inci |
| $v_c$ | = Viteza de așchiere (m/min) |
| $\lambda$ | = Unghiul elicei (°) |

| | |
|---|---|
| D | = Diametrul semifabricatului (inci) |
| $D_2$ | = Diametrul pasului (diametru efectiv) (inci) |
| n | = RPM (rot./min) |
| P | = Pas (inci) |
| $P_h$ | = Pas (inci) |
| Sv | = Viteza de avans (inci/min) |
| TPI | = Filet per inci |
| $v_c$ | = Viteza de așchiere (sf/min) |
| $\lambda$ | = Unghiul elicei (°) |

# Modificări ale port-sculelor pentru filetarea diametrelor interioare mici

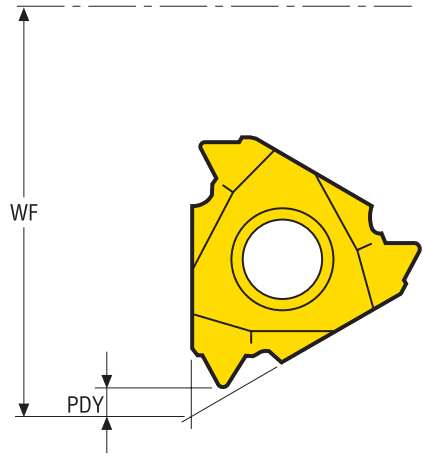
De multe ori, este necesar să se execute un filet interior prea mic pentru suporţi standard.

Numeroşi suporţi interiori pot fi prelucraţi printr-o simplă reprelucrare, astfel încât fileturile să poată fi realizate în alezaje cu aproximativ 30% mai mici.
Această modificare poate fi executată doar pe un strung cu mandrină cu patru bacuri. În tabelul cu dimensiuni DCINN de la paginile „Suporţi interni" se găsesc dimensiunile necesare pentru modificare.

La cerere, aceşti suporţi interni pot fi livraţi ca suporţi speciali.

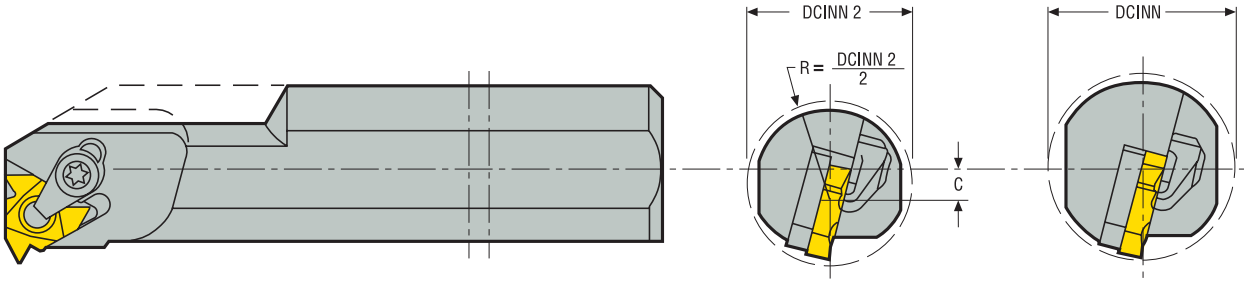
Pentru o parte din suporţi este posibilă prelucrarea la interior a unor alezaje de dimensiuni mai mici decât cele indicate de DCINN2; în acest caz, este necesară retragerea colţului inferior al plăcuţei (posibil și al port plăcuţei).

## Dimensiuni de referinţă pentru plăcuţe




Dimensiunile WF și PDY pot fi găsite la paginile pentru suporţi interiori și plăcuţe pentru filetare.

## Dimensiuni de referinţă pentru bară



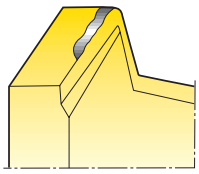

C = WF – PDY + R – DCINN2

C = Deplasarea punctului central la modificarea sculei.
DCINN = Diametrul alezajului minim la suportul standard.
DCINN2 = Diametrul alezajului minim cu o unealtă modificată.

# Depanare

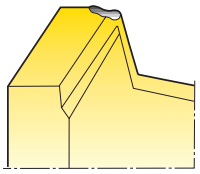
## Uzură rapidă a părţilor laterale

– Reduceţi viteza de aşchiere
– Reduceţi avansul pe trecere
– Utilizaţi avansul pe flanc modificat
– Verificaţi dacă a fost aleasă corect nicovala
– Alegeţi o calitate mai rezistentă la uzură



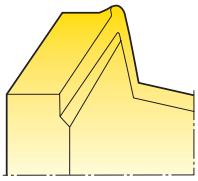
## Ruperea plăcuţei

– Măriţi numărul de treceri
– Verificaţi prinderea semifabricatului
– Verificaţi înălţimea la centru a muchiei de aşchiere
– Verificaţi aderenţele pe muchia de aşchiere
– Alegeţi o calitate mai rezistentă



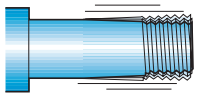
## Deformare plastică

– Alegeţi o calitate mai rezistentă la deformare plastică
– Reduceţi viteza de aşchiere
– Măriţi numărul de treceri
– Măriţi volumul de lichid de răcire
– Verificaţi dacă diametrul semifabricatului este cel corect înainte de filetare



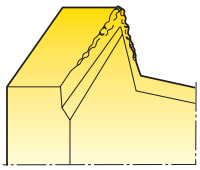
## Vibraţii

– Modificaţi viteza de aşchiere
– Reduceţi lungimea sculei şi utilizaţi o portsculă mai stabilă
– Verificaţi înălţimea la centru a muchiei de aşchiere
– Verificaţi dacă diametrul semifabricatului este corect



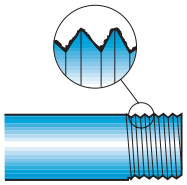
## Aderenţe pe muchia de aşchiere

– Măriţi viteza de aşchiere
– Opreşte lichidul de răcire



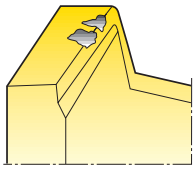
## Finisare slabă

– Măriţi viteza de aşchiere
– Verificaţi dacă se utilizează nicovala corectă
– Utilizaţi avansul pe flanc modificat sau avansul radial



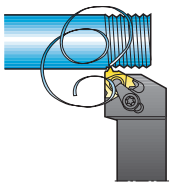
## Ciobirea muchiei aşchietoare

– Verificaţi prinderea semifabricatului
– Verificaţi viteza de aşchiere
– Utilizaţi avansul pe flanc modificat
– Alegeţi o calitate mai rezistentă



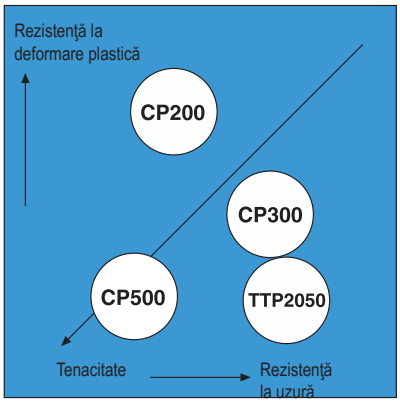
## Control slab al aşchiei

– Reduceţi numărul de treceri
– Măriţi viteza de aşchiere
– Utilizaţi avansul pe flanc modificat
– Măriţi volumul de lichid de răcire

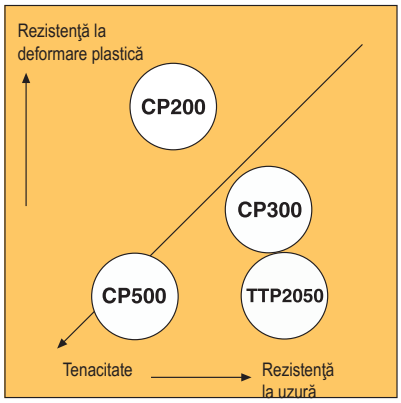


### Optimizare

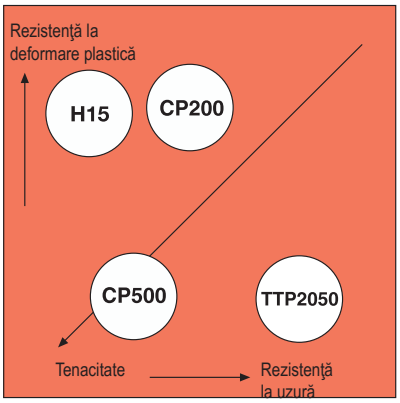
ISO-P (oţel)




ISO-M (oţel inoxidabil)




ISO-K (fontă)



# Valori ale momentului de torsiune pentru șuruburile de strângere

**Valorile maxime ale cuplului pentru fiecare șurub de blocare sunt arătate mai jos**

| Descriere șurub | Cuplu Nm | Cheie dinamometrică |
|---|---|---|
| 110.26-655 | 10,0 | H00T-60100 |
| 117.26-655 | 5,0 | H00T-3050 |
| 117.26-657 | 3,0 | H00-2530 |
| 170.26-655 | 6,0 | H00T-4060 |
| C02205-T07P | 0,9 | T00-07P09 |
| C02505-T07P | 0,9 | T00-07P09 |
| C02506-T07P | 0,9 | T00-07P09 |
| C03007-T09P | 2,0 | T00-09P20 |
| C03508-T15P | 3,0 | T00-15P30 |
| C03509-T15P | 3,0 | T00-15P30 |
| C03510-T15P | 3,0 | T00-15P30 |
| C03511-T09P | 2,0 | T00-09P20 |
| C03512-T15P | 3,0 | T00-15P30 |
| C04008-T15P | 3,5 | T00-15P35 |
| C04010-T15P | 3,5 | T00-15P35 |
| C04011-T15P | 3,5 | T00-15P35 |
| C04014-T15P | 3,5 | T00-15P35 |
| C04512-T15P | 5,0 | T00-15P50 |
| C04518-T15P | 5,0 | T00-15P50 |
| C05010-T20P | 5,0 | T00-20P50 |
| C05012-T15P | 5,0 | T00-15P50 |
| C05013-T20P | 5,0 | T00-20P50 |
| C05018-T20P | 5,0 | T00-20P50 |
| C11804-T06P | 0,5 | T00-06P05 |
| C46017-T20P | 6,0 | T00T-20P60 |
| C82204-T06P | 0,5 | T00-06P05 |
| CC05 | 0,9 | H00-1509 |
| CC08P-V13 | 2,0 | T00-09P20 |
| CC09P-D11 | 2,0 | T00-09P20 |
| CC12P-S12 | 3,5 | T00-15P35 |
| CC14 | 6,0 | H00T-4060 |
| CC16 | 10,0 | – |
| CC17P | 10,0 | – |
| CC17P-06 | 10,0 | – |
| CC17P-09 | 10,0 | – |
| CC20P | 10,0 | – |
| CC20P-V13 | 10,0 | – |
| CD09-S09 | 2,0 | T00-09P20 |
| CD12-S12 | 3,5 | T00-15P35 |
| CD16-S16 | 5,0 | T00-20P50 |
| CD19-S19 | 5,0 | T00-20P50 |
| CD19-V16 | 5,0 | T00-20P50 |
| CSC8015-T20P | 5,0 | T00-20P50 |
| CSC1015-T20P | 5,0 | T00-20P50 |
| CSP16-T15P | 2,0 | T00-15P20 |
| CSP22-T15P | 3,0 | T00-15P30 |
| CSP27-T25P | 6,0 | T00T-25P60 |

| Descriere șurub | Cuplu Nm | Cheie dinamometrică |
|---|---|---|
| L84017-T09P | 2,0 | T00-09P20 |
| L85011-T15P | 5,0 | T00-15P50 |
| L85012-T15P | 5,0 | T00-15P50 |
| L85017-T09P | 2,0 | T00-09P20 |
| L85020-T15P | 3,5 | T00-15P35 |
| L85021-T15P | 3,5 | T00-15P35 |
| L86015-T20P | 6,0 | T00T-20P60 |
| L86025-T20P | 6,0 | T00T-20P60 |
| LD1035-T25P | 6,0 | T00T-25P60 |
| LD5020-T09P | 2,0 | T00-09P20 |
| LD6020-T15P | 3,0 | T00-15P30 |
| LD6021-T09P | 2,0 | T00-09P20 |
| LD6024-T20P | 3,0 | T00-15P30 |
| LD6025-T15P | 3,0 | T00-15P30 |
| LD6026-T09P | 2,0 | T00-09P20 |
| LD8025-T25P | 6,0 | T00T-25P60 |
| LD8030-T25P | 6,0 | T00T-25P60 |
| LS0512 | 2,5 | – |
| LS0613 | 3,0 | H00-2530 |
| LS0616 | 3,0 | H00-2530 |
| LS0818 | 4,0 | – |
| LS0822 | 4,0 | – |
| MC6S4X14 | 3,5 | – |
| MC6S4X18 | 3,5 | – |
| MC6S5X14 | 5,0 | H00T-4050 |
| MC6S5X18 | 5,0 | H00T-4050 |
| MN0909L-T09P | 2,0 | T00-09P20 |
| MN1215L-T15P | 3,0 | T00-15P30 |
| MN1215R-T15P | 3,0 | T00-15P30 |
| MN1215S-T15P | 3,0 | T00-15P30 |
| MN1215T-T15P | 3,0 | T00-15P30 |
| MN1515-T15P | 3,0 | T00-15P30 |
| MN1515SL-T15P | 3,0 | T00-15P30 |
| MN1520-T20P | 6,0 | T00T-20P60 |
| MN1920-T20P | 6,0 | T00T-20P60 |
| MN1925-T25P | 5,0 | T00T-25P50 |
| MN2525-T25P | 6,0 | T00T-25P60 |
| PL1403-T09P | 2,5 | T00-09P20 |
| TCEI0409 | 3,5 | – |
| TCEI0509 | 6,0 | H00T-4060 |
| TCEI0513 | 6,0 | H00T-4060 |
| TCEI0609 | 8,0 | H00T-5080 |
| TCEI0613 | 8,0 | H00T-5080 |
| TCEI0614 | 8,0 | H00T-5080 |
| TCEI0620 | 8,0 | H00T-5080 |
| TCEI0815 | 10,0 | H00T-60100 |
| TCEI0825 | 10,0 | H00T-60100 |
| TCEI1020 | 15,0 | – |
| WS1620-T20P | 3,5 | T00-20P35 |
| WS1920-T20P | 3,5 | T00-20P35 |
| WS2325-T25P | 5,0 | T00T-25P50 |

Pentru întreaga gamă de chei dinamometrice Seco, vezi pagina

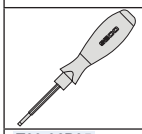
# Chei dinamometrice

Este disponibilă o gamă de chei dinamometrice cu valori de cuplu fixe, în combinaţie cu valori de prindere/cuplu pentru blocarea plăcuţelor, pentru majoritatea produselor de strunjire Seco.
Utilizând o cheie dinamometrică, asiguraţi întotdeauna forţa de strângere necesară la montarea plăcuţei. Valoarea cuplului este specificată la pagina (paginile) 38 pentru fiecare şurub.
Cheile dinamometrice sunt calibrate conform ISO 6789.

**Codificare:** T00-15P35

T00 = Şurubelniţă dinamometrică pentru lamă Torx Plus
T00T = Cheie T dinamometrică pentru lamă Torx Plus
H00 = Şurubelniţă dinamometrică pentru lama hexagonală
H00T = Cheie T dinamometrică pentru lamă hexagonală

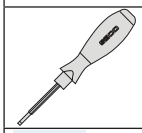
15P = Dimensiune Torx Plus
35 = Valoare moment de torsiune 3,5 Nm.

| Cheie dinamometrică* | Lamă interschimbabilă | Mărime Torx Plus | Valoare cuplu |
|---|---|---|---|
|  |  | | |
| **T00-06P05** | T00-06P | T06P | 0,5 Nm |
| **T00-07P05** | T00-07P | T07P | 0,5 Nm |
| **T00-07P09** | T00-07P | T07P | 0,9 Nm |
| **T00-08P12** | T00-08P | T08P | 1,2 Nm |
| **T00-08P20** | T00-08P | T08P | 2,0 Nm |
| **T00-09P09** | T00-09P | T09P | 0,9 Nm |
| **T00-09P12** | T00-09P | T09P | 1,2 Nm |
| **T00-09P20** | T00-09P | T09P | 2,0 Nm |
| **T00-10P20** | T00-10P | T10P | 2,0 Nm |
| **T00-10P30** | T00-10P | T10P | 3,0 Nm |
| **T00-10P35** | T00-10P | T10P | 3,5 Nm |
| **T00-15P20** | T00-15P | T15P | 2,0 Nm |
| **T00-15P30** | T00-15P | T15P | 3,0 Nm |
| **T00-15P35** | T00-15P | T15P | 3,5 Nm |
| **T00-15P40** | T00-15P | T15P | 4,0 Nm |
| **T00-15P50** | T00-15P | T15P | 5,0 Nm |
| **T00-20P35** | T00-20P | T20P | 3,5 Nm |
| **T00-20P50** | T00-20P | T20P | 5,0 Nm |

*Inclusiv lama

| Cheie dinamometrică* | Lamă interschimbabilă | Mărime Torx Plus | Valoare cuplu |
|---|---|---|---|
|  |  | | |
| **T00T-15P50** | T00T-15P | T15P | 5,0 Nm |
| **T00T-20P50** | T00T-20P | T20P | 5,0 Nm |
| **T00T-20P60** | T00T-20P | T20P | 6,0 Nm |
| **T00T-20P80** | T00T-20P | T20P | 8,0 Nm |
| **T00T-25P50** | T00T-25P | T25P | 5,0 Nm |
| **T00T-25P60** | T00T-25P | T25P | 6,0 Nm |
| **T00T-25P80** | T00T-25P | T25P | 8,0 Nm |
| **T00T-30P80** | T00T-30P | T30P | 8,0 Nm |

*Inclusiv lama

| Cheie dinamometrică* | Lamă interschimbabilă | Mărime hexagon | Valoare cuplu |
|---|---|---|---|
|  |  | | |
| **H00-1305** | H00-1.3 | 1,3 mm | 0,5 Nm |
| **H00-1505** | H00-1.5 | 1,5 mm | 0,5 Nm |
| **H00-1509** | H00-1.5 | 1,5 mm | 0,9 Nm |
| **H00-2009** | H00-2.0 | 2,0 mm | 0,9 Nm |
| **H00-2016** | H00-2.0 | 2,0 mm | 1,6 Nm |
| **H00-2020** | H00-2.0 | 2,0 mm | 2,0 Nm |
| **H00-2512** | H00-2.5 | 2,5 mm | 1,2 Nm |
| **H00-2530** | H00-2.5 | 2,5 mm | 3,0 Nm |
| **H00-2535** | H00-2.5 | 2,5 mm | 3,5 Nm |
| **H00-3020** | H00-3.0 | 3,0 mm | 2,0 Nm |
| **H00-3030** | H00-3.0 | 3,0 mm | 3,0 Nm |
| **H00-4030** | H00-4.0 | 4,0 mm | 3,0 Nm |

*Inclusiv lama

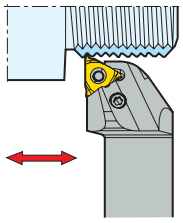
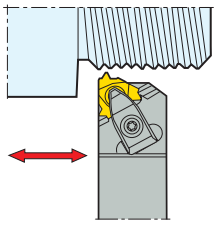
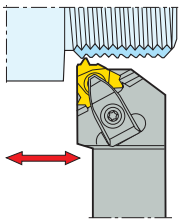
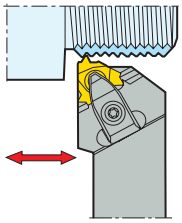
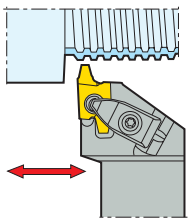
| Cheie dinamometrică* | Lamă interschimbabilă | Mărime hexagon | Valoare cuplu |
|---|---|---|---|
|  |  | | |
| **H00T-3050** | H00T-3,0 | 3 mm | 5,0 Nm |
| **H00T-4050** | H00T-4.0 | 4 mm | 5,0 Nm |
| **H00T-4060** | H00T-4.0 | 4 mm | 6,0 Nm |
| **H00T-5050** | H00T-5.0 | 5 mm | 5,0 Nm |
| **H00T-5080** | H00T-5.0 | 5 mm | 8,0 Nm |
| **H00T-50100** | H00T-5.0 | 5 mm | 10,0 Nm |
| **H00T-60100** | H00T-6.0 | 6 mm | 10,0 Nm |

*Inclusiv lama

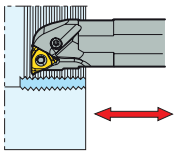
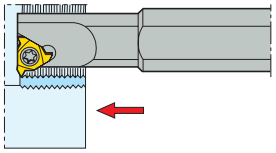
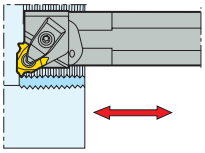
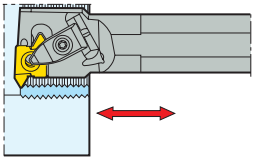
Reţineţi faptul că lamele nu sunt interschimbabile între tipul de şurubelniţă şi tipul cu mâner T.
Torx Plus® este marcă înregistrată aparţinând lui Camcar-Textron (USA)

# Privire generală asupra aplicaţiei, port-scule

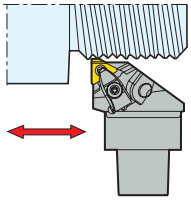
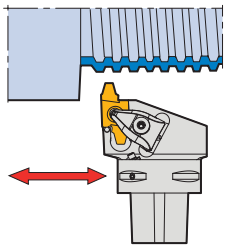
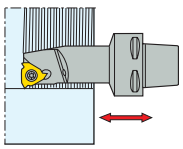
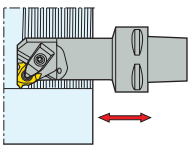
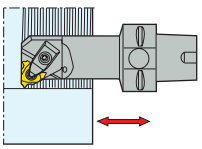
## Suporţi exteriori

| PER/L...QHDJETI<br>PER/L...QHDJET | CER/L<br>CER/L...HD | CER/L...Q<br>CER/L...QHD | CER...CQHD | CER...HD<br>CER/L...QHD |
|---|---|---|---|---|
|  |  |  |  |  |
| Pag. 56-57 | Pag. 61 | Pag. 63, 64 | Pag. 67 | Pag. 70 |

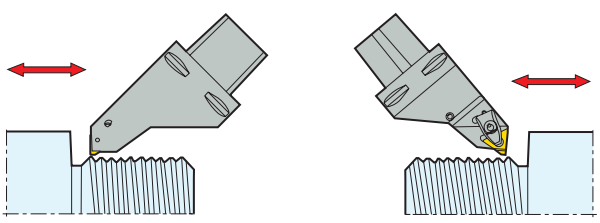
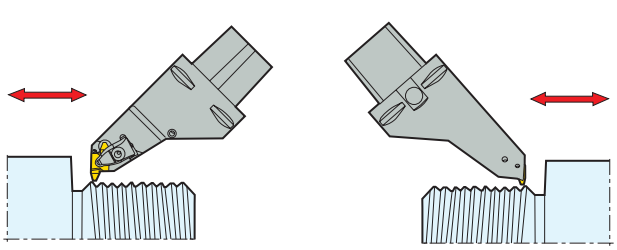
## Suporţi interiori

| PNR/L...AHDJET | SNR/L | CNR/L...AHD<br>CNR/L...APIHD | CNR/L...AHD |
|---|---|---|---|
|  |  |  |  |
| Pag. 58, 59-60 | Pag. 71 | Pag. 73, 74 | Pag. 81 |

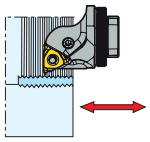
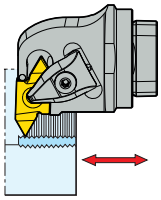
## Seco Capto™

| CER/L-..HD...CHD Ext. | CER..HD Ext. | SNR Int. | CNR/L-..HD Int. | CNR/L-..CHD Int. |
|---|---|---|---|---|
|  |  |  |  |  |
| Pag. 82, 83 | Pag. 86 | Pag. 87 | Pag. 88, 89-92 | Pag. 93-95 |

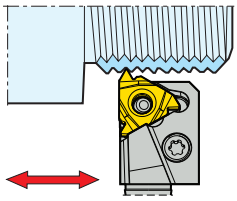
## Seco Capto™ pentru MTM

| CER-..HD | CEL..HD |
|---|---|
|  |  |
| Pag. 96 | Pag. 97 |

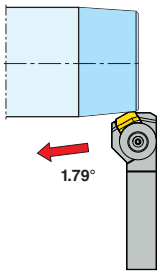
## Steadyline® cu conexiune GL

| GL..-PNR/L...AHDJET | GL50-CNR...26AHD |
|---|---|
|  |  |
| Pag. 98, 99 | Pag. 100 |

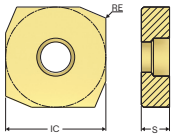
## Schimbare rapidă, Jetstream Tooling®, capete QC, extern

| QC..-PER/L-HDJET |
|---|
|  |
| Pag. 101 |

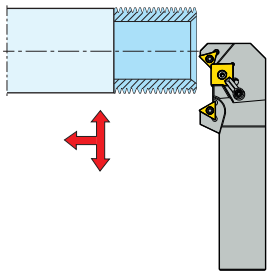
## Suporţi de scule pentru cojit

| CSXCR... |
|---|
|  |
| Pag. 102-103 |

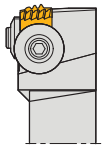
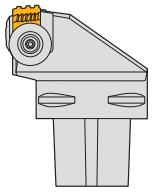
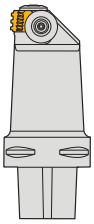
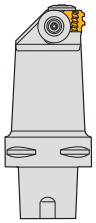
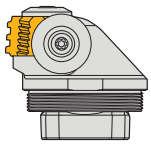
## Plăcuţe pentru cojit

| SCNN |
|---|
|  |
| Pag. 124 |

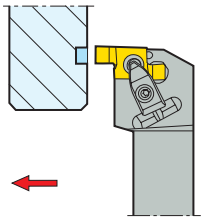
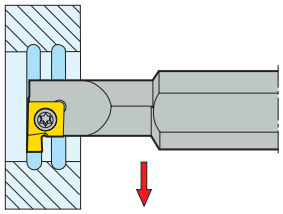
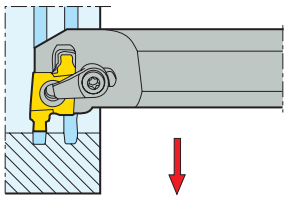
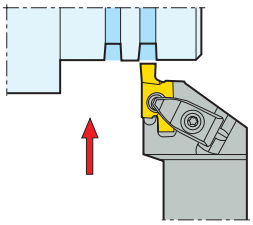
## Port-scule pentru fălţuire ţevi

| MSGNR... |
|---|
|  |
| Pag. 104-105 |

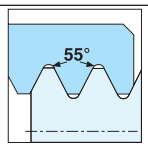
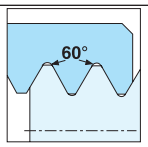
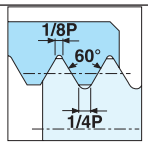
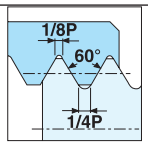
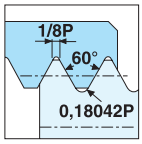
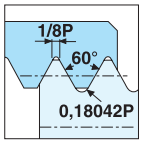
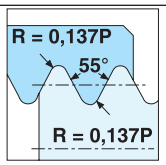
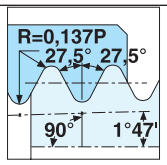
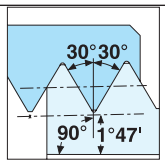
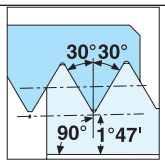
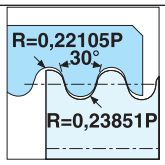
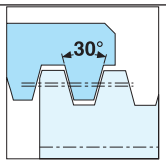
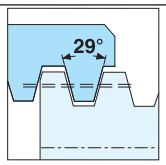
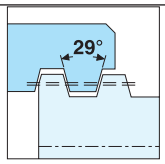
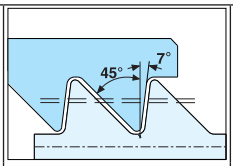
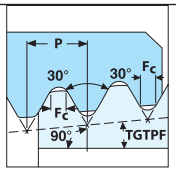
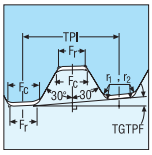
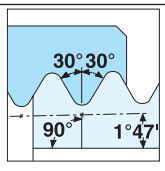
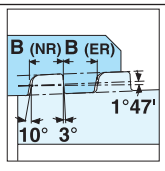
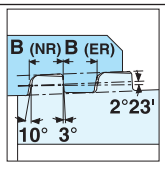
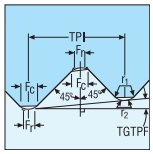
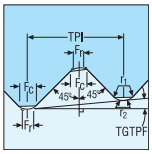
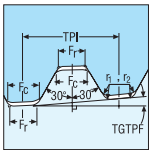
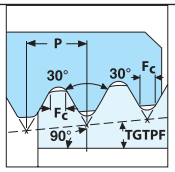
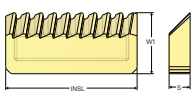
## Suporturi pentru chasers

| Suporturi externe pentru chasers CER...X | Seco Capto™ CER...X | Seco Capto™ CNR/L...X | Seco Capto™ CNL...C-X | Steadyline® GL.. -CNR/L...-I/X |
|---|---|---|---|---|
|  |  |  |  |  |
| Pag. 106-107 | Pag. 108 | Pag. 109-110 | Pag. 111-112 | Pag. 113 |

## Suporţi pentru plăcuţe canale de precizie

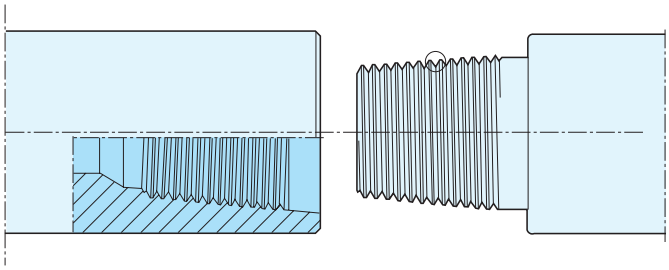
| CEAR/L... | SNR/L... | CNR/L... | CER/L... |
|---|---|---|---|
|  |  |  |  |
| Pag. 114 | Pag. 116 | Pag. 118 | Pag. 123 |

# Privire generală asupra aplicaţiei, plăcuţe

| | | | | | |
|---|---|---|---|---|---|
| **Plăcuţe cu profil parţial** | **Profil V 55°** | **Profil V 60°** | | | |
| |  Pag. 125-126 |  Pag. 127-128 | | | |
| **Plăcuţe cu profil întreg** | **Sistem metric ISO** | **UN** | | | |
| **Îmbinări filetate reutilizabile** |  Pag. 129, 130-132, 133, 134 |  Pag. 135, 136-138, 139 | | | |
| **Plăcuţe cu profil întreg** | **UNJ** | **MJ** | | | |
| **Îmbinări filetate reutilizabile pentru industria aerospaţială** |  Pag. 141-142 |  Pag. 143-144 | | | |
| **Plăcuţe cu profil întreg** | **Whitworth, BSW** | **BSPT** | **NPT** | **NPTF** | **Rotund-DIN405** |
| **Îmbinări filetate permanente pentru îmbinările şi cuplajele ţevilor** |  Pag. 145, 146-147, 148 |  Pag. 149-150 |  Pag. 151-152 |  Pag. 153-154 |  Pag. 155-156 |
| **Plăcuţe cu profil parţial** | **TR-DIN103** | **ACME** | **Stub-ACME** | **American Buttress** | |
| **Fileturi cu transmitere de mişcare** |  Pag. 157-158 |  Pag. 159-160 |  Pag. 161-162 |  Pag. 163-163 | |
| **Plăcuţe cu profil întreg** | **Conexiune API burghiu rotativ** | **Hughes Flush** | **API ROTUND** | **API trapezoidal 1:16** | **API trapezoidal 1:12** |
| **Fileturi pentru industria petrolieră** |  Pag. 164-165 |  Pag. 166-166 |  Pag. 167-167 |  Pag. 168-168 |  Pag. 169-169 |
| **Plăcuţe cu profil întreg** | **Hughes H90** | **Hughes Slimline H90** | **P.A.C** | **Chasers API/Gost** | **Formatoare de aşchii pentru chasers** |
| **Fileturi pentru industria petrolieră** |  Pag. 166-166 |  Pag. 166-166 |  Pag. 166-166 |  Pag. 170 |  Pag. 171, 172 |

# Conexiuni de găurire prin rotaţie

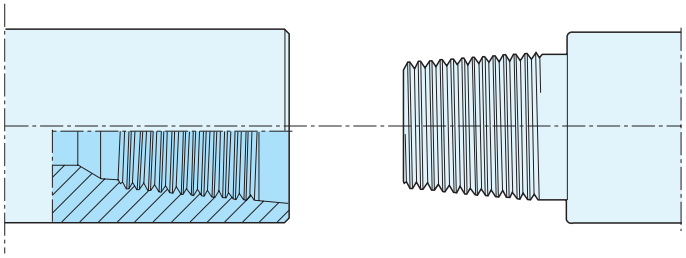
**Ilustraţie ţeavă și cuplaj OCTG**



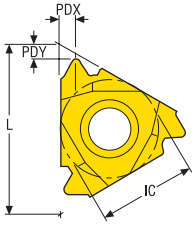
| Conexiuni | Pas TPI | TGTPF | Cod API | Cod Snap-Tap® |
|---|---|---|---|---|
| **Număr API** | | | | |
| NC10 - NC16 | 6,0 | 1,5 | V055 | 6API558 |
| NC23 - NC50 | 4,0 | 2,0 | V038R | 4API386 |
| NC56 - NC77 | 4,0 | 3,0 | V038R | 4API384 |
| **API Normal** | | | | |
| 1 - 1 1/2 REG | 6,0 | 1,5 | V055 | 6API558 |
| 2 3/8 REG - 4 1/2 REG | 5,0 | 3,0 | V040 | 5API404 |
| 5 1/2 REG, 7 5/8 REG, 8 5/8 REG | 4,0 | 3,0 | V050 | 4API504 |
| 6 5/8 REG | 4,0 | 2,0 | V050 | 4API506 |
| **Evacuare internă** | | | | |
| 2 3/8 IF - 6 5/8 IF | 4,0 | 2,0 | V038R | 4API386 |
| **Gaură completă** | | | | |
| 3 1/2 FH, 4 1/2 FH | 5,0 | 3,0 | V040 | 5API404 |
| 4 FH | 4,0 | 2,0 | V038R | 4API386 |
| 5 1/2 FH, 6 5/8 FH | 4,0 | 2,0 | V050 | 4API506 |
| **Evacuare externă Hughes** | | | | |
| 2 3/8, 2 7/8 | 6,0 | 2,0 | – | 6HEF |
| 3 1/2, 4 1/2 | 4,0 | 2,0 | V038R | 4API386 |
| **Gaură Hughes Xtra** | | | | |
| 2 7/8 - 5 | 4,0 | 2,0 | V038R | 4API386 |
| **Gaură Hughes subţire** | | | | |
| 2 3/8 - 4 1/2 | 4,0 | 2,0 | V038R | 4API386 |
| **Hughes Double Streamline** | | | | |
| 3 1/2 - 5 1/2 | 4,0 | 2,0 | V038R | 4API386 |
| **Hughes H90** | | | | |
| 3 1/2 - 6 5/8 | 3,5 | 2,0 | 90V050 | 3.5H906 |
| 7 - 8 5/8 | 3,5 | 3,0 | 90V050 | 3.5H904 |
| **Hughes Slimline H90** | | | | |
| 2 3/8 - 3 1/2 | 3,0 | 1,25 | 90V050 | 3H90 |
| **Hughes ACME Regular** | | | | |
| 2 3/8 - 6 5/8 | 4,0 | 3,373 | – | 4HACME |
| **Hughes ACME Streamline** | | | | |
| 2 3/8 - 5 1/2 | 4,0 | 3,373 | – | 4HACME |
| **P.A.C.** | | | | |
| 2 3/8 PAC - 3 1/2 PAC | 4,0 | 1,5 | V076 | 4PAC |
| **Macaroni** | | | | |
| MT, AMT, AMMT | 6,0 | 1,5 | V055 | 6API558 |

# Conexiuni de găurire prin rotaţie

**Conexiuni**



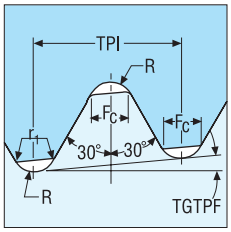
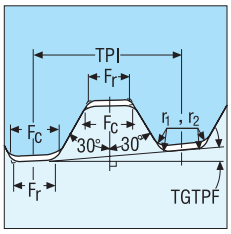
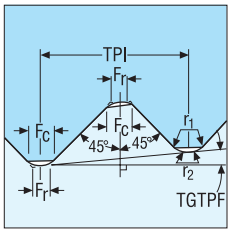
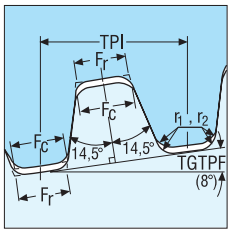
**Dimensiuni plăcuţă**




**Conexiuni**

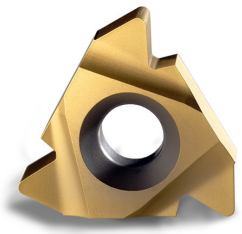
| Cod Snap-Tap® | Cod API | Pas TPI | TGTPF *inci* | L mm | IC mm | PDX mm | PDY mm |
|---|---|---|---|---|---|---|---|
| 6API558 | V055 | 6,0 | *1,5* | 22,0 | 12.700 | 2,5 | 2,0 |
| 5API404 | V040 | 5,0 | *3,0* | 22,0 | 12.700 | 2,5 | 2,0 |
| 5API404 | V040 | 5,0 | *3,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 4API386 | V038R | 4,0 | *2,0* | 22,0 | 12.700 | 2,5 | 1,9 |
| 4API386 | V038R | 4,0 | *2,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 4API384 | V038R | 4,0 | *3,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 4API506 | V050 | 4,0 | *2,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 4API504 | V050 | 4,0 | *3,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 6HEF | – | 6,0 | *2,0* | 22,0 | 12.700 | 2,5 | 2,0 |
| 4PAC | V076 | 4,0 | *1,5* | 27,5 | 15.875 | 3,2 | 2,2 |
| 3,5H906 | 90V050 | 3,5 | *2,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 3,5H904 | 90V050 | 3,5 | *3,0* | 27,5 | 15.875 | 3,2 | 2,2 |
| 3H90 | 90V050 | 3,0 | *1,25* | 27,5 | 15.875 | 3,2 | 2,2 |
| 4HACME | – | 4,0 | *3,373* | 27,5 | 15.875 | 3,2 | 2,2 |

## Profilul filetului

| Profil | TPI | TGTPF | R/$F_r$ mm (*inci*) | $F_c$ mm (*inci*) | $r_1$ mm (*inci*) | $r_2$ mm (*inci*) | Cod API | Cod Snap-Tap® |
|---|---|---|---|---|---|---|---|---|
|  | 5.0 | 3.0 | 0,508 (*0.200*) | 1,016 (*0.0400*) | 0,381 (*0.0150*) | – | V040 | 5API404 |
| | 4.0 | 2.0 | 0,965 (*0.0380*) | 1,651 (*0.0650*) | 0,381 (*0.0150*) | – | V038R | 4API386 |
| | 4.0 | 3.0 | 0,965 (*0.0380*) | 1,651 (*0.0650*) | 0,381 (*0.0150*) | – | V038R | 4API384 |
| | 4.0 | 2.0 | 0,635 (*0.0250*) | 1,270 (*0.0500*) | 0,381 (*0.0150*) | – | V050 | 4API506 |
| | 4.0 | 3.0 | 0,635 (*0.0250*) | 1,270 (*0.0500*) | 0,381 (*0.0150*) | – | V050 | 4API504 |
|  | 6.0 | 1.5 | 1,194 (*0.0470*) | 1,397 (*0.0550*) | 0,381 (*0.0150*) | 0,381 (*0.0150*) | V055 | 6API558 |
| | 6.0 | 2.0 | 0,559 (*0.0220*) | 0,813 (*0.0320*) | 0,381 (*0.0150*) | 0,381 (*0.0150*) | – | 6HEF |
| | 4.0 | 1.5 | 1,702 (*0.0670*) | 1,930 (*0.0760*) | 0,381 (*0.0150*) | 0,381 (*0.0150*) | V076 | 4PAC |
|  | 3.5 | 2.0 | 0,864 (*0.0340*) | 1,270 (*0.0500*) | 0,381 (*0.0150*) | 0,762 | 90V050 | 3,5H906 |
| | 3.5 | 3.0 | 0,864 (*0.0340*) | 1,270 (*0.0500*) | 0,381 (*0.0150*) | 0,762 | 90V050 | 3,5H904 |
| | 3.0 | 1.25 | 1,727 (*0.0680*) | 2,134 (*0.0840*) | 0,381 (*0.0150*) | 0,762 | 90V050 | 3H90 |
|  | 4.0 | 3.373 | 2,253 (*0.0887*) | 2,388 (*0.0940*) | 0,787 (*0.0310*) | 0,787 (0.0310) | – | 4HACME |

# Filetare pentru aplicaţii de petrol și gaze

**Seco Snap-Tap® Asigurarea Calităţii**



**1. Control metalurgic al substratului**
Verificarea substratului privind Hc, MM și porozitatea.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**2. Verificarea dimensiunilor după sinterizare**
Măsurarea IC și a grosimii.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**3. Verificarea dimensiunii după rectificarea la bază**
Grosime și înălţimea muchiei aşchietoare.
Planitate.
Măsurare conform SPM.

**4. Verificarea dimensiunii după rectificare**
Profil și rază.
Măsurare conform SPM.

**5. Măsurarea muchiei**
Raza muchiei verificată în timpul honuirii.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**6. Măsurarea stratului de acoperire**
Strat de acoperire, verificarea grosimii și aderenţei.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**7. Inspecţie finală**
Inspecţie vizuală.
Eșantionare conform AQL.

**8. Sisteme pentru managementul producţiei**
SGS (SPM1) - Specificaţii de control.
LS - Instrucţiuni privind producţia.
Seco Act - Sistem pentru acţiuni preventive și de corecţie.
Aprobat conform standardelor ISO 9001 și 14001.

**9. Abrevieri**
LS - Sisteme de management local - conţine descrierea proceselor locale, a rutinelor, procedurilor și instrucţiunilor.
SGS - Seco Global Standards - constă din instrucţiuni comune pentru toate companiile Seco.
SPM - Manual de producţie Seco - suită de instrucţiuni și documente care fac parte din SGS, în scopul de a indica și menţine nivelul de calitate a produselor Seco.
AQL - nivel de calitate acceptat (Mil-std).
MM - conţinutul de wolfram al liantului.
Hc - coercivitate, descrie dimensiunea granulelor.

# Filetare pentru aplicaţii de petrol și gaze

**Seco Chasers Asigurarea Calităţii**



**1. Control metalurgic al substratului**
Verificarea substratului privind Hc, MM și porozitatea.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**2. Verificarea dimensiunilor după rectificarea superioară și inferioară** Grosime.
Rugozitate Ra.
Planitate.
Măsurare conform SPM.

**3. Măsurare după rectificare periferică**
Măsurare optică.
Date stocate în baza de date.

**4. Verificarea dimensiunii după rectificare**
Profil și rază.
Măsurare conform SPM.

**5. Măsurarea muchiei**
Raza muchiei verificată în timpul honuirii.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**6. Măsurarea stratului de acoperire**
Strat de acoperire (PVD), verificarea grosimii și aderenţei.
Măsurare conform SPM.
Valori stocate într-o bază de date.

**7. Clasificarea înălţimii**
Măsurarea optică a înălţimii.
Prezentarea grafică a valorilor.
Aranjate și etichetate cu clasificarea înălţimii.

**8. Inspecţie finală**
Inspecţia muchiei 100%.
Verificarea profilului cu tragere, eșantionare conform AQL.

**9. Trasabilitate**
Produsele finisate din fiecare comandă sunt salvate pentru consultare ulterioară.
Stocare timp de 5 ani de la data producţiei.
Produsele finisate au o trasabilitate completă.

**10. Schiţe cu suprapunere**
Imprimanta pentru suprapuneri este calibrată lunar cu o scală din sticlă.
Exemplarul tipărit master scalat este salvat conform SPM.

**11. Sisteme pentru managementul producţiei**
SGS (SPM1) - Specificaţii de control.
LS - Instrucţiuni privind producţia.
Seco Act - Sistem pentru acţiuni preventive și de corecţie.
Aprobat conform standardelor ISO 9001 și 14001.

**12. Abrevieri**
LS - Sisteme de management local - conţine descrierea proceselor locale, a rutinelor, procedurilor și instrucţiunilor.
SGS - Seco Global Standards - constă din instrucţiuni comune pentru toate companiile Seco.
SPM - Manual de producţie Seco - suită de instrucţiuni și documente care fac parte din SGS, în scopul de a indica și menţine nivelul de calitate a produselor Seco.
AQL - nivel de calitate acceptat (Mil-std).
MM - conţinutul de wolfram al liantului.
Hc - coercivitate, descrie dimensiunea granulelor.

# Atribute ISO

| Atribut ISO | Explicaţie |
|---|---|
| AN | unghi major de degajare |
| B | lăţimea cozii |
| BAWS | unghiul corpului pe partea piesei de prelucrat |
| BD | diametrul corpului |
| BLQ | codul calităţii de echilibrare |
| CDRX | adâncimea radială maximă de aşchiere |
| CDX | aâncime de aşchiere maximă |
| CDXI | Adâncimea maximă de aşchiere a plăcuţei |
| CDXSH | Adâncimea maximă de aşchiere a cozii |
| CF | şanfren în punct |
| CNT | filetul alezajului de intrare a răcirii |
| CP | presiune lichid de răcire |
| CTMS | conexiunea părţii spre maşină |
| CTWS | conexiunea părţii spre semifabricat |
| CUTDIA | diametrul maxim de debitare a semifabricatului |
| CW | lăţime de aşchiere |
| D1 | diametrul găurilor de fixare |
| DCB | diametrul găurii de conexiune |
| DCB1 | diametrul alezajului de conexiune 1 |
| DCB2 | diametrul alezajului de conexiune 2 |
| DCINN | diametrul de aşchiere interior minim |
| DCINN2 | diametrul de aşchiere interior minim 2 |
| DCINN3 | diametrul de aşchiere interior minim 3 |
| DCONMS | diametrul conexiunii spre maşină |
| DCP | furnizarea de date |
| DCSFMS | diametrul suprafeţei de contact - partea cu utilajul |
| DF | diametrul flanşei |
| DIX | diametrul maxim de interferenţă a schimbătorului de scule |
| DMM | diametru coadă |
| EPSR | unghiul inclus al plăcuţei |
| GAMO | unghiul de degajare ortogonal |
| H | înălţimea cozii |
| HF | înălţimea funcţională |
| HRY | masurare, Masurarea de la ref. planul de montare la planul inferior al unităţii în direcţia Y m |
| IC | diametrul cercului înscris |
| INPLM | diametrul minim pentru strunjirea axială iniţială |
| INPLX | diametrul maxim pentru strunjirea axială |
| INSD | diametru plăcuţă |
| INSL | lungimea plăcuţei |
| KCHL | unghiul şanfrenului la colţ pe stânga |
| KCHR | unghiul şanfrenului la colţ pe dreapta |
| L | lungimea muchiei aşchietoare |
| LAMS | unghiul de înclinare |
| LB1 | lungimea corpului 1 |
| LB2 | lungimea corpului 2 |
| LCOG | distanţa până la centrul de greutate |
| LF | lungimea funcţională |
| LF2 | lungimea funcţională_2 |
| LFS | lungimea funcţională secundară |
| LH | lungimea capului |
| LH2 | lungimea capului 2 |
| LIG | lungimea calibrului plăcuţei |

| Atribut ISO | Explicaţie |
|---|---|
| LPR | lungimea în consolă |
| LS | lungimea cozii |
| LSC | Lungimea de prindere |
| LU | lungimea utilizabilă |
| OAH | lungimea totală |
| OAL | lungime totală |
| OAW | lăţimea totală |
| PDX | distanţa profilului ex |
| PHDR | diametrul recomandat al găurii |
| PSIRL | unghiul major al muchiei de aşchiere pe stânga |
| PSIRR | unghiul major al muchiei de aşchiere pe dreapta |
| RADH | înălţimea radială a corpului |
| RADW | lăţimea radială a corpului |
| RE | rază la vârf |
| RETL | raza flancului pe stânga |
| RETR | raza flancului pe dreapta |
| RPMX | turaţia maximă |
| S | grosimea plăcuţei |
| TDZ | mărimea diametrului filetului |
| TPI | fileturi pe inci |
| W1 | lăţimea plăcuţei |
| WF | lăţime funcţională |
| WF2 | lăţime funcţională 2 |
| WFS | lăţimea funcţională secundară |

# Jetstream Tooling® - Introducere

Seco Jetstream Tooling® este o soluţie revoluţionară pentru rezolvarea problemei livrării precise a lichidului de răcire în zona de aşchiere.

Metoda funcţionează prin furnizarea unui jet concentrat de lichid de răcire la viteză ridicată direct în poziţia optimă, exact pe muchia aşchietoare.

Jetul ridică aşchia de pe suprafaţa de degajare, îmbunătăţind astfel controlul aşchiilor şi durata de viaţă a sculei, permiţând mărirea regimului de frezare.

Este demonstrat că funcţionează în aproape toate tipurile de materiale cu o plajă mare de alegere a presiunii lichidului de răcire.

Suporţii Seco Jetstream Tooling® Duo, o altă inovaţie introdusă pe piaţă, vin cu jeturi de lichid de răcire direcţionate spre suprafaţa de degajare şi spre suprafaţa flancului, pentru un control mai bun al aşchiilor şi o durată mai mare de viaţă a sculei.

De mulţi ani Seco livrează pe piaţă soluţii Jetstream Tooling® pentru aplicaţii de strunjire ISO şi canelare. Acum tehnologia Jetstream Tooling® este disponibilă şi pentru suporţii de filetare prin strunjire (Snap-Tap®).

Lichidul de răcire poate fi furnizat extern port-sculei, printr-un furtun care este ataşat în una dintre poziţiile de admisie ale suportului, sau cu noua conexiune JETI.

În cazul barelor de alezat, lichidul de răcire este livrat intern prin partea dorsală.

Pentru aplicaţii interne, sunt disponibili şi suporţii pentru barele Steadyline®, cu descrierea GL-. Pentru mai multe informaţii despre Steadyline®, consultaţi catalogul de Strunjire.

Suporţii cu coadă pătrată pentru aplicaţii externe sunt concepute cu tehnologia Duo. Au de asemenea şi opţiunea pentru răcire internă prin conexiunea JETI.

JETI a fost dezvoltată ţinând cont de ansamblul compact, eliminând necesitatea oricăror ţevi şi conexiuni externe care ar putea obstrucţiona accesul şi prelucrarea în spaţii strâmte. Gaura pentru răcire de dedesubtul cozii pătrate a suportului face posibil ca lichidul de răcire să ajungă al muchia de aşchiere direct din blocul suportului.



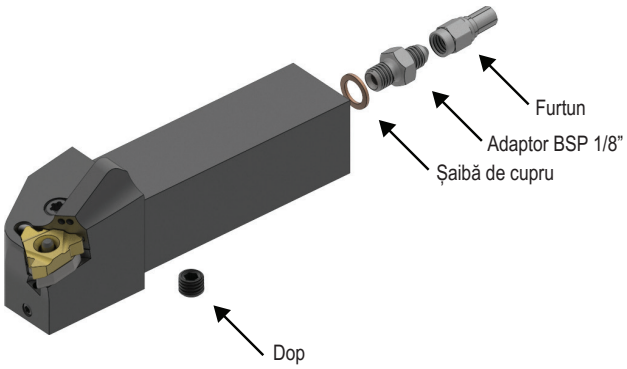
# Jetstream Tooling® Instrucţiuni de asamblare

## Descrierea pieselor

Din motive de siguranţă sculele Jetstream Tooling® trebuie folosite doar cu ușa mașinii închisă total, în concordanţă cu normele de siguranţă ale mașinii.

Asiguraţi-vă că furtunul este localizat corect și prins corect cu toate sigiliile în poziţie corectă. Gaura pentru lichid de răcire nefolosită trebuie să aibă dop. Vă rugăm să nu depășiţi presiunile de lucru de mai jos.

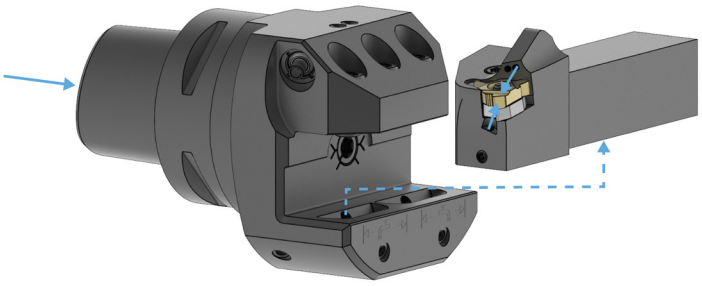
Pentru accesorii, vezi pagina următoare.




## Instrucţiuni de asamblare JETI

Pentru a utiliza beneficiile suportului JETI este nevoie de un suport standard de bază conceput pentru conexiune JETI. Presiunea maximă a lichidului de răcire este de 150 bari.

Notă: Gaura nefolosită (cea posterioară) trebuie să aibă dop.



## Furtunuri, Codul de comandă pentru numărul de reper include și piese de schimb

| Tipul de conexiune | Reper Nr. | Lungime mm / inch |
|---|---|---|
| **Fiting direct**  | JET-HOSE100SS | 100 / *3,937* |
| | JET-HOSE150SS | 150 / *5,906* |
| | JET-HOSE200SS | 200 / *7,874* |
| | JET-HOSE250SS | 250 / *9,843* |
| | JET-HOSE300SS | 300 / *11,811* |
| **Fiting Banjo**  | JET-HOSE100BS | 100 / *3,937* |
| | JET-HOSE150BS | 150 / *5,906* |
| | JET-HOSE200BS | 200 / *7,874* |
| | JET-HOSE250BS | 250 / *9,843* |
| | JET-HOSE300BS | 300 / *11,811* |
| **Fiting Banjo-Banjo**  | JET-HOSE100BB | 100 / *3,937* |
| | JET-HOSE150BB | 150 / *5,906* |
| | JET-HOSE200BB | 200 / *7,874* |
| | JET-HOSE250BB | 250 / *9,843* |
| | JET-HOSE300BB | 300 / *11,811* |

Toate furtunurile au o rezistenţă la presiune până la max. 275 bar/ *3990 psi*

## Piese de schimb, Piese incluse la livrare

| DENUMIRE | | ...SS | ...BS | ...BB |
|---|---|---|---|---|
| JET-CFP1/8BSP |  | ■ | ■ | ■ |
| JET-CBP15 |  | ■ | ■ | ■ |
| JET-AD1/8BSP |  | ■ | ■ | |
| JET-ADM6 |  | ■ | ■ | |
| JET-ADM10 |  | ■ | | |
| JET-BBM06 |  | | ■ | ■ |
| JET-BBM10 |  | | ■ | ■ |
| JET-BB1/8BSP |  | | ■ | ■ |
| JET-C1/4-1/8BSP |  | | ■ | ■ |
| JET-P1/8-5MM |  | ■ | ■ | ■ |
| JET-WM10* |  | ■ | ■ | ■ |
| JET-CS0610 |  | ■ | ■ | |
| JET-ORING10X1*/** |  | ■ | ■ | ■ |

Pachet de 2, cu excepţia *pachetului de 20
** Nu este adecvat pentru utilizarea în inductor
Pentru opţiuni de montare, consultaţi pag. 52

| DENUMIRE | |
|---|---|
| JET-CFP0611 |  |
| JET-CFP0613 |  |
| JET-CFP0614 |  |
| JET-CFP0615 |  |
| JET-CLS0608 |  |
| JET-CS1115 |  |
| JET-CFP1/8BSP14 |  |
| JET-CFP1/8BSP12.7 |  |
| JET-CFP1/8BSP12 |  |
| JET-CFP1/8BSP10 |  |



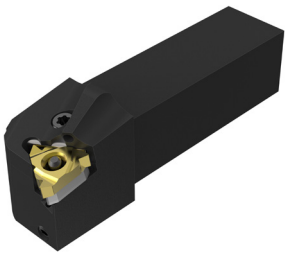
## Port-sculă pentru strunjire prin filetare

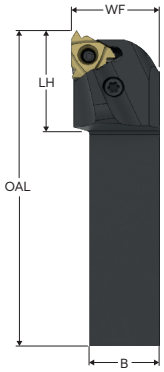
Port-sculele inovatoare realizate cu plăcuţele Snap-Tap® asigură forţa maximă de fixare disponibilă pe toată durata de viaţă a sculei și o precizie înaltă. Acestea dispun de un sistem de blocare cu antirăsucire a plăcuţei, echipat cu un știft de carbură în spatele buzunarului plăcuţei, care rezistă la uzură și împiedică rotirea sau răsucirea plăcuţei sub presiune, în timpul prelucrării.

— Port-scule cu antirăsucire
— Bridă tip D pentru tragerea în siguranţă a plăcuţei în jos și în buzunar

## Jetstream Tooling® – Suporturi, exterior

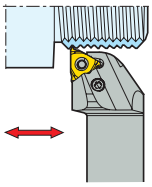
Pentru plăcuţe S, Snap-Tap®











—Versiunea pe dreapta este indicată în figură
—CP = presiune maximă a lichidului de răcire (bar) utilizând conexiunea furtunului, în caz contrar, conform adaptorului lateral al utilajului
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | OAL | WF | LH | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | kg | bar | |
| PER2020X16QHDJETI | 03007228 | 20,0 | 20,0 | 27,0 | 91,0 | 25,0 | 30,0 | 0,3 | 275,0 | 16 |
| PER2525X16QHDJETI | 03007230 | 25,0 | 25,0 | 27,0 | 111,0 | 32,0 | 30,0 | 0,6 | 275,0 | 16 |
| PEL2020X16QHDJETI | 03007229 | 20,0 | 20,0 | 27,0 | 91,0 | 25,0 | 30,0 | 0,3 | 275,0 | 16 |
| PEL2525X16QHDJETI | 03007231 | 25,0 | 25,0 | 27,0 | 111,0 | 32,0 | 30,0 | 0,6 | 275,0 | 16 |
| PER2525X22QHDJETI | 03007241 | 25,0 | 25,0 | 41,0 | 125,0 | 32,0 | 44,0 | 0,7 | 275,0 | 22 |
| PER2525X27QHDJETI | 03007246 | 25,0 | 25,0 | 41,0 | 125,0 | 32,0 | 44,0 | 0,7 | 275,0 | 27 |

## Piese de schimb, Piese incluse la livrare

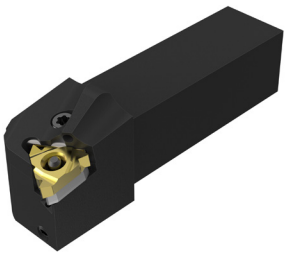
| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Şurub levier | Cheie de blocare | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ...16QHD... | PP3712 | GXA16-1 | LS0612-T15P | T15P-7 | AC4625 |
| ...22QHD... | PP4816 | NXA22-1 | LS0815-T25P | T25P-7 | AC5035 |
| ...27QHD... | PP6019 | VXA27-1 | LS0820-T25P | T25P-7 | AC6050 |

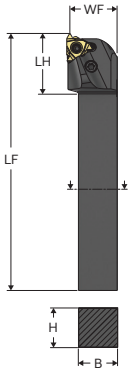
## Accesorii

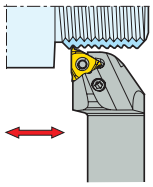
| Pentru | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Dop |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16QHD... | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – | P6SS4X8 |
| ...22QHD... | MXA22-1 | NXA22-0 | NXA22-98 | NXA22-97.5 | NXA22-0.5 | NXA22-1.5 | NXA22-2 | NXA22-3 | NXA22-4 | NXA22-99.5 | NXA22-99 | NXA22-98.5 | P6SS4X8 |
| ...27QHD... | MXA27-1 | VXA27-0 | VXA27-98 | – | VXA27-0.5 | VXA27-1.5 | VXA27-2 | VXA27-3 | VXA27-4 | VXA27-99.5 | VXA27-99 | VXA27-98.5 | P6SS4X8 |

## Jetstream Tooling® – Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—CP = presiune maximă a lichidului de răcire (bar) utilizând conexiunea furtunului, în caz contrar, conform adaptorului lateral al utilajului
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | psi | |
| PER075516QHDJET | 03007234 | 0.750 | 0.750 | 5.000 | 0.970 | 1.181 | 0.9 | 3988,5 | 16 |
| PER100616QHDJET | 03007236 | 1.000 | 1.000 | 6.000 | 1.250 | 1.181 | 1.8 | 3988,5 | 16 |
| PER125616QHDJET | 03007238 | 1.250 | 1.250 | 6.000 | 1.500 | 1.181 | 2.7 | 3988,5 | 16 |
| PEL075516QHDJET | 03007235 | 0.750 | 0.750 | 5.000 | 0.970 | 1.181 | 0.9 | 3988,5 | 16 |
| PEL100616QHDJET | 03007237 | 1.000 | 1.000 | 6.000 | 1.250 | 1.181 | 1.8 | 3988,5 | 16 |
| PEL125616QHDJET | 03007240 | 1.250 | 1.250 | 6.000 | 1.500 | 1.181 | 2.7 | 3988,5 | 16 |
| PER100622QHDJET | 03007244 | 0.984 | 0.984 | 6.000 | 1.250 | 1.732 | 1.8 | 3988,5 | 22 |
| PER125622QHDJET | 03007245 | 1.250 | 1.250 | 6.000 | 1.500 | 1.732 | 2.7 | 3988,5 | 22 |
| PER100627QHDJET | 03007249 | 0.984 | 0.984 | 6.000 | 1.250 | 1.732 | 1.8 | 3988,5 | 27 |
| PER125627QHDJET | 03007250 | 1.250 | 1.250 | 6.000 | 1.500 | 1.732 | 2.7 | 3988,5 | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Şurub levier | Cheie de blocare | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ..16QHJET | PP3712 | GXA16-1 | LS0612-T15P | T15P-7 | AC4625 |
| ..22QHJET | PP4816 | NXA22-1 | LS0815-T25P | T25P-7 | AC5035 |
| ..27QHJET | PP6019 | VXA27-1 | LS0820-T25P | T25P-7 | AC6050 |

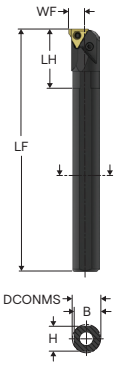
## Accesorii

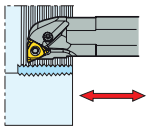
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Dop |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ..16QHJET | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – | P6SS4X8 |
| ..22QHJET | MXA22-1 | NXA22-0 | NXA22-98 | NXA22-97.5 | NXA22-0.5 | NXA22-1.5 | NXA22-2 | NXA22-3 | NXA22-4 | NXA22-99.5 | NXA22-99 | NXA22-98.5 | P6SS4X8 |
| ..27QHJET | MXA27-1 | VXA27-0 | VXA27-98 | – | VXA27-0.5 | VXA27-1.5 | VXA27-2 | VXA27-3 | VXA27-4 | VXA27-99.5 | VXA27-99 | VXA27-98.5 | P6SS4X8 |

## Jetstream Tooling® – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—CP = presiune maximă a lichidului de răcire (bar) utilizând conexiunea furtunului, în caz contrar, conform adaptorului lateral al utilajului
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 167

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | kg | bar | |
| PNR0020P16AHDJET | 03006930 | 19,0 | 18,0 | 171,0 | 13,8 | 42,0 | 20,0 | 24,0 | 0,4 | 275,0 | 16 |
| PNR0025R16AHDJET | 03006932 | 24,0 | 23,0 | 200,0 | 16,3 | 42,0 | 25,0 | 29,0 | 0,7 | 275,0 | 16 |
| PNR0032S16AHDJET | 03006934 | 30,0 | 31,0 | 250,0 | 19,8 | 42,0 | 32,0 | 36,0 | 1,4 | 275,0 | 16 |
| PNR0040T16AHDJET | 03006936 | 38,5 | 37,0 | 300,0 | 23,8 | 45,0 | 40,0 | 44,0 | 2,2 | 275,0 | 16 |
| PNR0050U16AHDJET | 03006937 | 47,0 | 48,5 | 350,0 | 28,8 | 52,0 | 50,0 | 54,0 | 4,5 | 275,0 | 16 |
| PNL0020P16AHDJET | 03006931 | 19,0 | 18,0 | 171,0 | 13,8 | 42,0 | 20,0 | 24,0 | 0,4 | 275,0 | 16 |
| PNL0025R16AHDJET | 03006933 | 24,0 | 23,0 | 200,0 | 16,3 | 42,0 | 25,0 | 29,0 | 0,6 | 275,0 | 16 |
| PNL0032S16AHDJET | 03006935 | 30,0 | 31,0 | 250,0 | 19,8 | 42,0 | 32,0 | 36,0 | 1,5 | 275,0 | 16 |
| PNR0025R22AHDJET | 03006945 | 23,0 | 24,0 | 200,0 | 17,8 | 42,0 | 25,0 | 30,0 | 0,7 | 275,0 | 22 |
| PNR0032S22AHDJET | 03006947 | 30,0 | 31,0 | 250,0 | 21,3 | 42,0 | 32,0 | 38,0 | 1,5 | 275,0 | 22 |
| PNR0040T22AHDJET | 03006949 | 37,0 | 38,5 | 300,0 | 25,3 | 42,0 | 40,0 | 46,0 | 2,9 | 275,0 | 22 |
| PNR0050U22AHDJET | 03006951 | 47,0 | 48,5 | 350,0 | 30,3 | 48,0 | 50,0 | 56,0 | 4,9 | 275,0 | 22 |
| PNL0025R22AHDJET | 03006946 | 23,0 | 24,0 | 200,0 | 17,8 | 42,0 | 25,0 | 30,0 | 0,7 | 275,0 | 22 |
| PNL0032S22AHDJET | 03006948 | 30,0 | 31,0 | 250,0 | 21,3 | 42,0 | 32,0 | 38,0 | 1,5 | 275,0 | 22 |
| PNL0040T22AHDJET | 03006950 | 37,0 | 38,5 | 300,0 | 25,3 | 42,0 | 40,0 | 46,0 | 2,6 | 275,0 | 22 |
| PNR0040T27AHDJET | 03006955 | 37,0 | 38,5 | 300,0 | 26,8 | 62,0 | 40,0 | 48,0 | 2,6 | 275,0 | 27 |
| PNR0050U27AHDJET | 03006956 | 47,0 | 48,5 | 350,0 | 31,8 | 62,0 | 50,0 | 58,0 | 4,3 | 275,0 | 27 |
| PNR0063V27AHDJET | 03006957 | 60,0 | 61,5 | 400,0 | 38,3 | 62,0 | 63,0 | 70,0 | 8,9 | 275,0 | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Şurub levier | Cheie de blocare | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ...20... | PP3712 | GXA16-1 | LS0610-T15P | T15P-7 | AC4625 |
| ...22... | PP4816 | NXA22-1 | LS0815-T25P | T25P-7 | AC5035 |
| ...25/32/40/50... | PP3712 | GXA16-1 | LS0612-T15P | T15P-7 | AC4625 |
| ...27... | PP6019 | VXA27-1 | LS0820-T25P | T25P-7 | AC6050 |

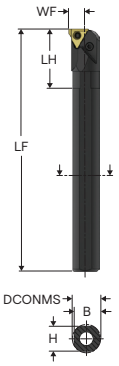
## Accesorii

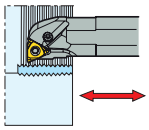
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| ...20... | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – |
| ...22... | MXA22-1 | NXA22-0 | NXA22-98 | NXA22-97.5 | NXA22-0.5 | NXA22-1.5 | NXA22-2 | NXA22-3 | NXA22-4 | NXA22-99.5 | NXA22-99 | NXA22-98.5 |
| ...25/32/40/50... | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – |
| ...27... | MXA27-1 | VXA27-0 | VXA27-98 | – | VXA27-0.5 | VXA27-1.5 | VXA27-2 | VXA27-3 | VXA27-4 | VXA27-99.5 | VXA27-99 | VXA27-98.5 |

## Jetstream Tooling® – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—CP = presiune maximă a lichidului de răcire (bar) utilizând conexiunea furtunului, în caz contrar, conform adaptorului lateral al utilajului
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 167

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | psi | |
| PNR00075716AHDJET | 03006939 | 0.700 | 0.650 | 7.000 | 0.520 | 1.654 | 0.750 | 0.950 | 0.7 | 3988,5 | 16 |
| PNR00100816AHDJET | 03006941 | 0.951 | 0.902 | 8.000 | 0.650 | 1.654 | 1.000 | 1.150 | 1.5 | 3988,5 | 16 |
| PNR001251016AHDJET | 03006943 | 1.200 | 1.150 | 10.000 | 0.780 | 1.654 | 1.250 | 1.404 | 3.1 | 3988,5 | 16 |
| PNR001501216AHDJET | 03006944 | 1.339 | 1.419 | 12.000 | 0.900 | 1.654 | 1.500 | 1.700 | 5.1 | 3988,5 | 16 |
| PNL00075716AHDJET | 03006940 | 0.700 | 0.650 | 7.000 | 0.520 | 1.654 | 0.750 | 0.950 | 1.1 | 3988,5 | 16 |
| PNL00100816AHDJET | 03006942 | 0.951 | 0.902 | 8.000 | 0.650 | 1.654 | 1.000 | 1.150 | 1.3 | 3988,5 | 16 |
| PNR00100822AHDJET | 03006952 | 0.902 | 0.951 | 8.000 | 0.710 | 1.654 | 1.000 | 1.181 | 2.0 | 3988,5 | 22 |
| PNR001251022AHDJET | 03006953 | 1.200 | 1.150 | 10.000 | 0.840 | 1.654 | 1.250 | 1.500 | 3.1 | 3988,5 | 22 |
| PNR001501222AHDJET | 03006954 | 1.339 | 1.419 | 12.000 | 0.970 | 1.654 | 1.500 | 1.800 | 5.3 | 3988,5 | 22 |
| PNR001501227AHDJET | 03006958 | 1.339 | 1.419 | 12.000 | 1.020 | 2.441 | 1.500 | 1.890 | 5.1 | 3988,5 | 27 |

## Piese de schimb, Piese incluse la livrare

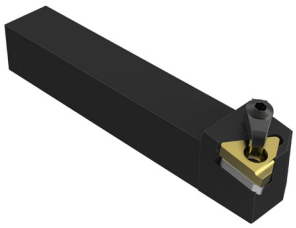
| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Şurub levier | Cheie de blocare | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ..16AHDJET | PP3712 | GXA16-1 | LS0612-T15P | T15P-7 | AC4625 |
| ..22AHDJET | PP4816 | NXA22-1 | LS0815-T25P | T25P-7 | AC5035 |
| ..27AHDJET | PP6019 | VXA27-1 | LS0820-T25P | T25P-7 | AC6050 |
| PNR/L000757.. | PP3712 | GXA16-1 | LS0610-T15P | T15P-7 | AC4625 |

## Accesorii

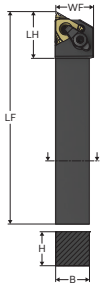
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| ..16AHDJET | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – |
| ..22AHDJET | MXA22-1 | NXA22-0 | NXA22-98 | NXA22-97.5 | NXA22-0.5 | NXA22-1.5 | NXA22-2 | NXA22-3 | NXA22-4 | NXA22-99.5 | NXA22-99 | NXA22-98.5 |
| ..27AHDJET | MXA27-1 | VXA27-0 | VXA27-98 | – | VXA27-0.5 | VXA27-1.5 | VXA27-2 | VXA27-3 | VXA27-4 | VXA27-99.5 | VXA27-99 | VXA27-98.5 |
| PNR/L000757.. | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – |

## Suporturi, exterior

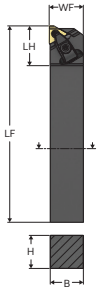
Pentru plăcuţe S, Snap-Tap®

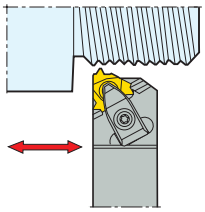


CER/L




CER/L..HD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | kg | |
| CER1616H16 | 02454783 | 16,0 | 16,0 | 100,0 | 16,0 | 22,0 | 0,2 | 16 |
| CER2020K16HD | 02475454 | 20,0 | 20,0 | 125,0 | 20,0 | 32,0 | 0,5 | 16 |
| CER2525M16HD | 02457882 | 25,0 | 25,0 | 150,0 | 25,0 | 32,0 | 0,8 | 16 |
| CER4040R16HD | 02853574 | 40,0 | 40,0 | 200,0 | 40,0 | 37,0 | 2,5 | 16 |
| CEL1616H16 | 02454781 | 16,0 | 16,0 | 100,0 | 16,0 | 22,0 | 0,2 | 16 |
| CEL2020K16HD | 02475482 | 20,0 | 20,0 | 125,0 | 20,0 | 32,0 | 0,4 | 16 |
| CEL2525M16HD | 02457885 | 25,0 | 25,0 | 150,0 | 25,0 | 32,0 | 0,8 | 16 |
| CER2525M22HD | 02457888 | 25,0 | 25,0 | 150,0 | 25,0 | 38,0 | 0,8 | 22 |
| CER4040R22HD | 02853575 | 40,0 | 40,0 | 200,0 | 40,0 | 42,0 | 2,5 | 22 |
| CEL2525M22HD | 02457890 | 25,0 | 25,0 | 150,0 | 25,0 | 38,0 | 0,8 | 22 |
| CER4040R27HD | 02853576 | 40,0 | 40,0 | 200,0 | 40,0 | 48,0 | 2,5 | 27 |

## Piese de schimb, Piese incluse la livrare

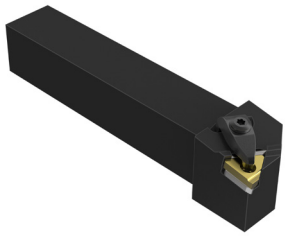
| Pentru | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16 | – | T15P-2 | CSP16-T15P | – | GX16-1 | CS3507-T09P | – |
| ...16HD | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ...22HD | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |
| ...27HD | CHD27 | T20P-7L | – | L86025-T20P | VX27-1 | C05012-T15P | S7616 |

## Accesorii

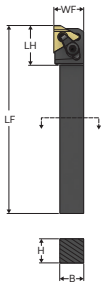
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16 | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22HD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27HD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Suporturi, exterior

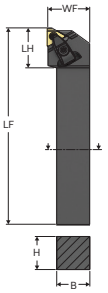
Pentru plăcuţe S, Snap-Tap®

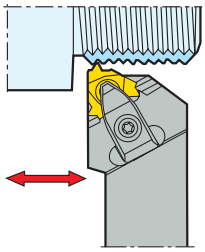


CER/L..Q




CER/L..QHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER03753-16Q | 00072538 | 0.375 | 0.375 | 3.000 | 0.375 | 0.900 | 0.2 | 16ER... |
| CER0504-16Q | 00072524 | 0.500 | 0.500 | 4.000 | 0.625 | 0.900 | 0.4 | 16ER... |
| CER06254-16Q | 00072498 | 0.625 | 0.625 | 4.000 | 0.750 | 0.900 | 0.7 | 16ER... |
| CER0755-16HD | 02483996 | 0.750 | 0.750 | 5.000 | 1.000 | 0.900 | 0.9 | 16ER... |
| CER1006-16QHD | 02462821 | 1.000 | 1.000 | 6.000 | 1.250 | 1.100 | 1.8 | 16ER... |
| CER1256-16QHD | 02462823 | 1.250 | 1.250 | 6.000 | 1.500 | 1.181 | 2.9 | 16ER... |
| CER1506-16QHD | 02462825 | 1.500 | 1.500 | 6.000 | 1.750 | 1.100 | 3.8 | 16ER... |
| CEL0504-16Q | 00072466 | 0.500 | 0.500 | 4.000 | 0.625 | 0.900 | 0.4 | 16ER... |
| CEL06254-16Q | 00072544 | 0.625 | 0.625 | 4.000 | 0.750 | 0.900 | 0.7 | 16EL... |
| CEL0755-16HD | 02483997 | 0.750 | 0.750 | 5.000 | 1.000 | 0.900 | 0.9 | 16EL... |
| CEL1006-16QHD | 02462852 | 1.000 | 1.000 | 6.000 | 1.250 | 1.100 | 1.8 | 16EL... |
| CEL1256-16QHD | 02462853 | 1.250 | 1.250 | 6.000 | 1.500 | 1.100 | 2.9 | 16EL... |

## Piese de schimb, Piese incluse la livrare

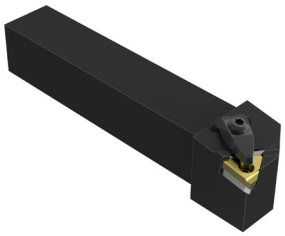
| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Șurub clemă | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| CEL 06254.. | – | T15P-2 | CSP16-T15P | – | GX16-1 | CS3507-T09P | – |
| CER/L 0755..1006.. | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| CER/L 1256..1506.. | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| CER/L 3753..0504.. | – | T15P-2 | CSP16-T15P | – | GX16-1 | CS3507-T09P | – |
| CER 06254.. | – | T15P-2 | CSP16-T15P | – | GX16-1 | CS3507-T09P | – |

## Accesorii

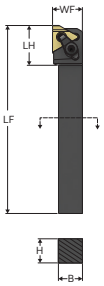
| Pentru portsculă | Nicovală (K) | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| CEL 06254.. | – | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CER/L 0755..1006.. | – | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CER/L 1256..1506.. | – | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CER/L 3753..0504.. | – | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CER 06254.. | GX16-2 | MX16-1 | GX16-0 | – | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |

## Suporturi, exterior

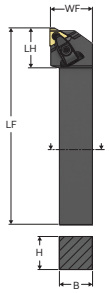
Pentru plăcuţe S, Snap-Tap®

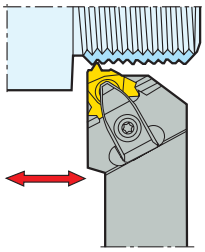


CER/L...Q




CER/L...QHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | kg | |
| CER1212H16Q | 75025274 | 12,0 | 12,0 | 100,0 | 16,0 | 22,0 | 0,2 | 16 |
| CER1616H16Q | 75025276 | 16,0 | 16,0 | 100,0 | 20,0 | 22,0 | 0,3 | 16 |
| CER2020K16QHD | 02475493 | 20,0 | 20,0 | 125,0 | 25,0 | 32,0 | 0,5 | 16 |
| CER2525M16QHD | 00016769 | 25,0 | 25,0 | 150,0 | 32,0 | 32,0 | 0,8 | 16 |
| CER3225P16QHD | 00016771 | 32,0 | 25,0 | 170,0 | 32,0 | 32,0 | 1,1 | 16 |
| CER3232P16QHD | 00016776 | 32,0 | 32,0 | 170,0 | 40,0 | 32,0 | 1,4 | 16 |
| CEL1212H16Q | 75025275 | 12,0 | 12,0 | 100,0 | 16,0 | 22,0 | 0,2 | 16 |
| CEL1616H16Q | 75025277 | 16,0 | 16,0 | 100,0 | 20,0 | 22,0 | 0,3 | 16 |
| CEL2020K16QHD | 02475514 | 20,0 | 20,0 | 125,0 | 25,0 | 32,0 | 0,5 | 16 |
| CEL2525M16QHD | 00016766 | 25,0 | 25,0 | 150,0 | 32,0 | 32,0 | 0,8 | 16 |
| CEL3225P16QHD | 00016770 | 32,0 | 25,0 | 170,0 | 32,0 | 32,0 | 1,1 | 16 |
| CEL3232P16QHD | 00016774 | 32,0 | 32,0 | 170,0 | 40,0 | 32,0 | 1,4 | 16 |
| CER2525M22QHD | 00016781 | 25,0 | 25,0 | 150,0 | 32,0 | 38,0 | 0,8 | 22 |
| CER3225P22QHD | 00016783 | 32,0 | 25,0 | 170,0 | 32,0 | 38,0 | 1,1 | 22 |
| CER3232P22QHD | 00016788 | 32,0 | 32,0 | 170,0 | 40,0 | 38,0 | 1,4 | 22 |
| CEL2525M22QHD | 00016777 | 25,0 | 25,0 | 150,0 | 32,0 | 38,0 | 0,8 | 22 |
| CEL3225P22QHD | 00016782 | 32,0 | 25,0 | 170,0 | 32,0 | 38,0 | 1,1 | 22 |
| CEL3232P22QHD | 00016785 | 32,0 | 32,0 | 170,0 | 40,0 | 38,0 | 1,4 | 22 |
| CER2525M27QHD | 00016800 | 25,0 | 25,0 | 150,0 | 32,0 | 46,0 | 0,8 | 27 |
| CER3225P27QHD | 00016857 | 32,0 | 25,0 | 170,0 | 32,0 | 46,0 | 1,1 | 27 |
| CER3232P27QHD | 00016878 | 32,0 | 32,0 | 170,0 | 40,0 | 46,0 | 1,5 | 27 |
| CEL2525M27QHD | 00016791 | 25,0 | 25,0 | 150,0 | 32,0 | 46,0 | 0,9 | 27 |
| CEL3225P27QHD | 00016830 | 32,0 | 25,0 | 170,0 | 32,0 | 46,0 | 1,2 | 27 |
| CEL3232P27QHD | 00016864 | 32,0 | 32,0 | 170,0 | 40,0 | 46,0 | 1,5 | 27 |

## Piese de schimb, Piese incluse la livrare

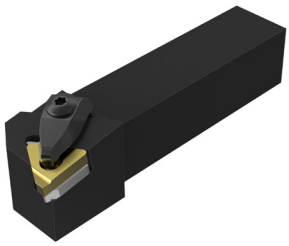
| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16Q | – | T15P-2 | CSP16-T15P | – | GX16-1 | CS3507-T09P | – |
| ...16QHD | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ...22QHD | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |
| ...27QHD | CHD27 | T20P-7L | – | L86025-T20P | VX27-1 | C05012-T15P | S7616 |

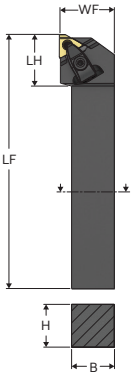
## Accesorii

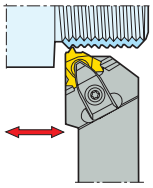
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16Q | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...16QHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22QHD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27QHD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER1005-22QHD | 02462826 | 1.000 | 1.000 | 5.000 | 1.250 | 1.300 | 1.5 | 22ER... |
| CER1006-22QHD | 02462827 | 1.000 | 1.000 | 6.000 | 1.250 | 1.300 | 2.0 | 22ER... |
| CER1256-22QHD | 02462829 | 1.250 | 1.250 | 6.000 | 1.500 | 1.417 | 2.9 | 22ER... |
| CER1506-22QHD | 02462831 | 1.500 | 1.500 | 6.000 | 1.750 | 1.300 | 4.0 | 22ER... |
| CEL1005-22QHD | 02462854 | 1.000 | 1.000 | 5.000 | 1.250 | 1.300 | 1.8 | 22EL... |
| CEL1006-22QHD | 02462856 | 1.000 | 1.000 | 6.000 | 1.250 | 1.300 | 2.0 | 22EL... |
| CEL1256-22QHD | 02462857 | 1.250 | 1.250 | 6.000 | 1.500 | 1.300 | 3.1 | 22EL... |

## Piese de schimb, Piese incluse la livrare

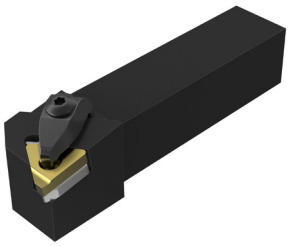
| Pentru portsculă | Arbore cu came | Cheie clemă | Șurub clemă | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| CER/L..22.. | CHD22 | T20P-7L | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |

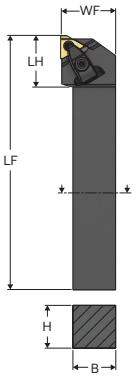
## Accesorii

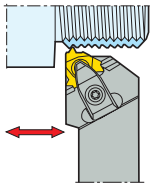
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CER/L..22.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |

## Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER1006-27QHD | 02462835 | 1.000 | 1.000 | 6.000 | 1.250 | 1.600 | 2.0 | 27ER... |
| CER1256-27QHD | 02462837 | 1.250 | 1.250 | 6.000 | 1.500 | 1.732 | 2.9 | 27ER... |
| CER1506-27QHD | 02462839 | 1.500 | 1.500 | 6.000 | 1.750 | 1.600 | 4.0 | 27ER... |
| CEL1006-27QHD | 02462859 | 1.000 | 1.000 | 6.000 | 1.250 | 2.000 | 2.2 | 27EL... |
| CEL1256-27QHD | 02462861 | 1.250 | 1.250 | 6.000 | 1.500 | 1.600 | 2.9 | 27EL... |
| CEL1506-27QHD | 02462863 | 1.500 | 1.500 | 6.000 | 1.750 | 1.600 | 4.2 | 27EL... |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Șurub clemă | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| CEL 1006-27.. | CHD27 | T20P-7L | L86025-T20P | VX27-1 | C05012-T15P | S7616 |
| CEL 1506-27 | CHD27 | T20P-7L | L86025-T20P | VX27-1 | C05012-T15P | S7616 |
| CER/L 1256-27 | CHD27 | T20P-7L | L86025-T20P | VX27-1 | C05012-T15P | S7616 |
| CER 1006-27 | CHD27 | T20P-7L | L86025-T20P | VX27-1 | C05012-T15P | S7616 |
| CER 1506-27.. | CHD27 | T20P-7L | L86025-T20P | VX27-1 | C05012-T15P | S7616 |

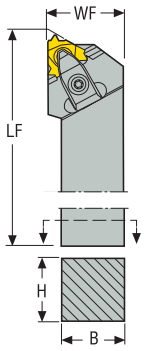
### Accesorii

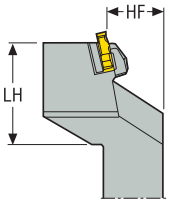
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| CEL 1006-27.. | MX27-1 | VX27-98.5 | – | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | VX27-2 | T15P-2 |
| CEL 1506-27 | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| CER/L 1256-27 | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| CER 1006-27 | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| CER 1506-27.. | MX27-1 | VX27-99.5 | VX27-2 | – | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

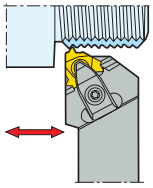
## Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 145, 146, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | HF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | kg | |
| CER2525M16CQHD | 02457892 | 25,0 | 25,0 | 150,0 | 25,0 | 32,0 | 45,0 | 0,9 | 16 |
| CER3232P16CQHD | 02457893 | 32,0 | 32,0 | 170,0 | 32,0 | 40,0 | 45,0 | 1,6 | 16 |
| CER2525M22CQHD | 02457895 | 25,0 | 25,0 | 150,0 | 25,0 | 32,0 | 50,0 | 0,9 | 22 |
| CER3232P22CQHD | 02457897 | 32,0 | 32,0 | 170,0 | 32,0 | 40,0 | 50,0 | 1,6 | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| ..16CQHD | CHD16 | T15P-7 | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ..22CQHD | CHD22 | T20P-7L | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |

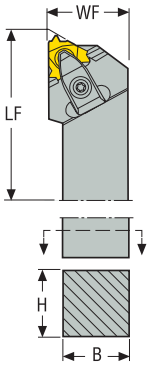
## Accesorii

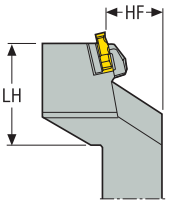
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| ..16CQHD | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| ..22CQHD | MX22-1 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | NX22-98 | NX22-99 | T15P-2 |

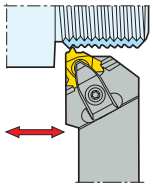
## Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 145, 146, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | HF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER1006-16CQHD | 02467118 | 1.000 | 1.000 | 6.000 | 1.000 | 1.250 | 2.000 | 2.0 | 16ER |
| CER1256-16CQHD | 02462840 | 1.250 | 1.250 | 6.000 | 1.250 | 1.250 | 2.500 | 2.7 | 16ER |
| CEL1006-16CQHD | 02462864 | 1.000 | 1.000 | 6.000 | 1.000 | 1.250 | 2.000 | 2.0 | 16EL |
| CER1006-22CQHD | 02462842 | 1.000 | 1.000 | 6.000 | 1.000 | 1.250 | 2.000 | 2.2 | 22ER |
| CER1006-27CQHD | 02462847 | 1.000 | 1.000 | 6.000 | 1.000 | 1.250 | 2.000 | 2.0 | 27ER |

## Piese de schimb, Piese incluse la livrare

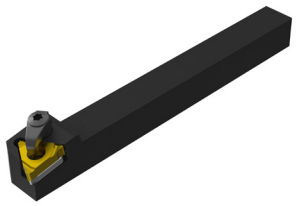
| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (S) | Şurub | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..22CQHD | CHD22 | T20P-7L | L86025-T20P | NX22-1 | S7616 | CS4009-T15P | – |
| ..27CQHD | CHD27 | T20P-7L | L86025-T20P | VX27-1 | – | C05012-T15P | S7616 |
| CEL 1006-16.. | CHD16 | T15P-7 | L85020-T15P | GX16-1 | – | CS3507-T09P | S6912 |
| CER 1006-16.. | CHD16 | T15P-7 | L85020-T15P | GX16-1 | – | CS3507-T09P | S6912 |
| CER 1256-16.. | CHD16 | T15P-7 | L85020-T15P | GX16-1 | – | CS3507-T09P | S6912 |

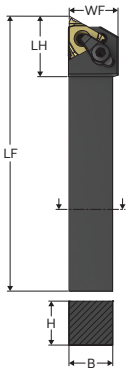
## Accesorii

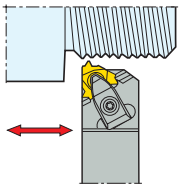
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | MX16-1 | GX16-99 | – | – | – | – | – | – | – | – | – | – | – | T09P-2 |
| | MX16-1 | – | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| | MX22-1 | – | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| | MX27-1 | – | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Suporturi, exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 166

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER0505-16Q-S | 02508066 | 0.500 | 0.500 | 5.000 | 0.630 | 0.840 | 0.4 | 16ER.. |
| CER06255-16Q-S | 02508068 | 0.625 | 0.625 | 5.000 | 0.750 | 0.840 | 0.9 | 16ER.. |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie clemă | Set clemă | Nicovală (S) | Șurub nicovală |
|---|---|---|---|---|
| |  |  |  |  |
| ..16Q-S | T15P-2 | CSP16-T15P | GX16-1 | CS3507-T09P |

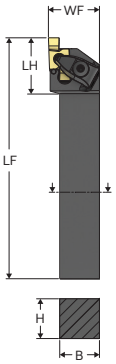
### Accesorii

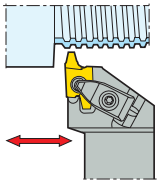
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| ..16Q-S | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |

## Suporturi, exterior

Pentru plăcuţe K, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 157, 159, 161

| Reper Nr. | Număr reper | H | B | CDX | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | kg | |
| CER2525M20QHD | 02528502 | 25,0 | 25,0 | 9999,0 | 150,0 | 32,0 | 34,0 | 0,8 | 20 |
| CER3225P20QHD | 02528504 | 32,0 | 25,0 | 9999,0 | 170,0 | 32,0 | 34,0 | 1,1 | 20 |
| CER3232P20QHD | 02528507 | 32,0 | 32,0 | 9999,0 | 170,0 | 40,0 | 34,0 | 1,4 | 20 |
| CER4040R20HD | 02853577 | 40,0 | 40,0 | 9999,0 | 200,0 | 42,0 | 35,0 | 2,6 | 20 |
| CEL2525M20QHD | 02528503 | 25,0 | 25,0 | 9999,0 | 150,0 | 32,0 | 34,0 | 0,8 | 20 |
| CEL3225P20QHD | 02528505 | 32,0 | 25,0 | 9999,0 | 170,0 | 32,0 | 34,0 | 1,1 | 20 |
| CEL3232P20QHD | 02528508 | 32,0 | 32,0 | 9999,0 | 170,0 | 40,0 | 34,0 | 1,4 | 20 |
| CER2525M26QHD | 02528509 | 25,0 | 25,0 | 9999,0 | 150,0 | 40,0 | 44,0 | 0,9 | 26 |
| CER3225P26QHD | 02528512 | 32,0 | 25,0 | 9999,0 | 170,0 | 40,0 | 44,0 | 1,2 | 26 |
| CER3232P26QHD | 02528516 | 32,0 | 32,0 | 9999,0 | 170,0 | 40,0 | 44,0 | 1,4 | 26 |
| CER4040R26HD | 02853578 | 40,0 | 40,0 | 9999,0 | 200,0 | 42,0 | 45,0 | 2,5 | 26 |
| CEL2525M26QHD | 02528511 | 25,0 | 25,0 | 9999,0 | 150,0 | 40,0 | 44,0 | 0,9 | 26 |
| CEL3225P26QHD | 02528513 | 32,0 | 25,0 | 9999,0 | 170,0 | 40,0 | 44,0 | 1,2 | 26 |
| CEL3232P26QHD | 02528517 | 32,0 | 32,0 | 9999,0 | 170,0 | 40,0 | 44,0 | 1,4 | 26 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (K) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| ..20 | CHD22 | T20P-7 | L86025-T20P | KX20-2 | CS4009-T15P | S7616 |
| ..26 | CHD27 | T20P-7 | L86025-T20P | KX26-2 | C05012-T15P | S7616 |

## Accesorii

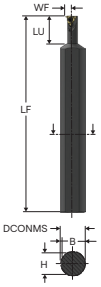
| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..20 | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| ..26 | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

## Suporturi, interior

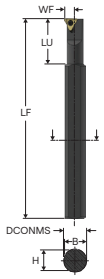
Pentru plăcuţe S, Snap-Tap®

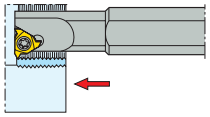


SNR...09A




SNR/L



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | LU | WF | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| SNR0020L09A | 75069222 | 18,0 | 19,0 | 140,0 | 20,0 | 5,1 | 20,0 | 10,2 | – | 0,3 | 09 |
| SNR0010H11 | 75029184 | – | 9,5 | 100,0 | – | 7,5 | 10,0 | 13,0 | 11,0 | 0,1 | 11 |
| SNR0010K11 | 75025251 | 14,0 | 15,5 | 125,0 | 30,0 | 6,5 | 16,0 | 12,0 | 11,0 | 0,2 | 11 |
| SNR0013L11 | 75025249 | 14,0 | 15,5 | 140,0 | 32,0 | 8,0 | 16,0 | 15,0 | 13,0 | 0,2 | 11 |
| SNL0010H11 | 75025415 | – | 9,5 | 100,0 | – | 7,5 | 10,0 | 13,0 | 11,0 | 0,1 | 11 |
| SNL0010K11 | 75025250 | 14,0 | 15,5 | 125,0 | 30,0 | 6,5 | 16,0 | 12,0 | 11,0 | 0,2 | 11 |
| SNL0013L11 | 75025248 | 14,0 | 15,5 | 140,0 | 32,0 | 8,0 | 16,0 | 15,0 | 13,0 | 0,2 | 11 |
| SNR0016M16 | 75025244 | 14,0 | 15,5 | 150,0 | 40,0 | 10,3 | 16,0 | 19,0 | 16,0 | 0,3 | 16 |
| SNL0016M16 | 75025243 | 14,0 | 15,5 | 150,0 | 40,0 | 10,3 | 16,0 | 19,0 | 16,0 | 0,3 | 16 |
| SNR0020Q22 | 75025414 | 18,0 | 19,0 | 180,0 | 45,0 | 13,0 | 20,0 | 24,0 | 22,0 | 0,4 | 22 |
| SNL0020Q22 | 75025416 | 18,0 | 19,0 | 180,0 | 45,0 | 13,0 | 20,0 | 24,0 | 22,0 | 0,4 | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ...09A | T07P-2 | C02205-T07P |
| ...11 | T07P-2 | C02506-T07P |
| ...16 | T15P-2 | C03508-T15P |
| ...22 | T15P-2 | C04011-T15P |

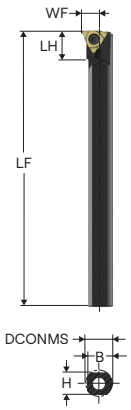
DCINN2, modificat. Consultaţi pag. 36

## Suporturi, interior

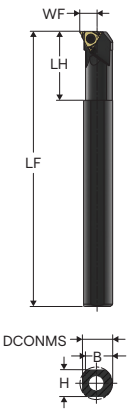
Pentru plăcuţe S, Snap-Tap®

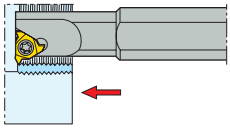


SNR/L..A




SNR/L..A



—Agent de răcire intern
—CP = Presiune maximă a lichidului de răcire.
—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | DCONMS | DCINN | DCINN2 | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| SNR0010L09A | 10317566 | 16,0 | 10,2 | – | 15,0 | 15,5 | 140,0 | 5,1 | 20,0 | 0,2 | 09 |
| SNR0010H11A | 10326369 | 10,0 | 13,0 | 11,0 | 9,0 | 9,5 | 100,0 | 7,5 | – | 0,1 | 11 |
| SNR0010K11A | 10317564 | 16,0 | 12,0 | 11,0 | 15,0 | 15,5 | 125,0 | 6,5 | 30,0 | 0,2 | 11 |
| SNR0012Q11A | 10317575 | 20,0 | 14,0 | 12,0 | 18,0 | 19,0 | 180,0 | 7,5 | 32,0 | 0,1 | 11 |
| SNR0013L11A | 10326370 | 16,0 | 15,0 | 13,0 | 15,0 | 15,5 | 140,0 | 8,0 | 32,0 | 0,2 | 11 |
| SNR0013Q11A | 10317576 | 20,0 | 15,0 | 13,0 | 18,0 | 19,0 | 180,0 | 8,0 | 32,0 | 0,1 | 11 |
| SNR0016Q11A | 10317577 | 20,0 | 18,0 | 15,0 | 18,0 | 19,0 | 180,0 | 9,5 | 40,0 | 0,4 | 11 |
| SNL0010H11A | 10317562 | 10,0 | 13,0 | 11,0 | 9,0 | 9,5 | 100,0 | 7,5 | – | 0,1 | 11 |
| SNL0010K11A | 10317563 | 16,0 | 12,0 | 11,0 | 15,0 | 15,5 | 125,0 | 6,5 | 30,0 | 0,2 | 11 |
| SNL0012Q11A | 10317568 | 20,0 | 14,0 | 12,0 | 18,0 | 19,0 | 180,0 | 7,5 | 32,0 | 0,4 | 11 |
| SNL0013L11A | 10317565 | 16,0 | 15,0 | 13,0 | 15,0 | 15,5 | 140,0 | 8,0 | 32,0 | 0,2 | 11 |
| SNL0013Q11A | 10317569 | 20,0 | 15,0 | 13,0 | 18,0 | 19,0 | 180,0 | 8,0 | 32,0 | 0,1 | 11 |
| SNL0016Q11A | 10317570 | 20,0 | 18,0 | 15,0 | 18,0 | 19,0 | 180,0 | 9,5 | 40,0 | 0,4 | 11 |
| SNR0016Q16A | 10317578 | 20,0 | 19,0 | 16,0 | 18,0 | 19,0 | 180,0 | 10,3 | 40,0 | 0,4 | 16 |
| SNR0016M16A | 10326371 | 16,0 | 19,0 | 16,0 | 15,0 | 15,5 | 150,0 | 10,3 | 40,0 | 0,2 | 16 |
| SNR0020Q16A | 10317580 | 20,0 | 22,0 | 19,0 | 18,0 | 19,0 | 180,0 | 12,3 | 45,0 | 0,4 | 16 |
| SNL0016M16A | 10317567 | 16,0 | 19,0 | 16,0 | 15,0 | 15,5 | 150,0 | 10,3 | 40,0 | 0,2 | 16 |
| SNL0016Q16A | 10317571 | 20,0 | 19,0 | 16,0 | 18,0 | 19,0 | 180,0 | 10,3 | 40,0 | 0,4 | 16 |
| SNL0020Q16A | 10317573 | 20,0 | 22,0 | 19,0 | 18,0 | 19,0 | 180,0 | 12,3 | 45,0 | 0,4 | 16 |
| SNR0020Q22A | 10326372 | 20,0 | 24,0 | 22,0 | 18,0 | 19,0 | 180,0 | 13,0 | 45,0 | 0,4 | 22 |
| SNL0020Q22A | 10317574 | 20,0 | 24,0 | 22,0 | 18,0 | 19,0 | 180,0 | 13,0 | 45,0 | 0,4 | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ..09A | T07P-2 | C02205-T07P |
| ..11A | T07P-2 | C02506-T07P |
| ..16A | T15P-2 | C03508-T15P |
| ..22A | T15P-2 | C04011-T15P |

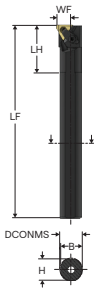
DCINN2, modificat. Consultaţi pag. 36

## Suporturi, interior

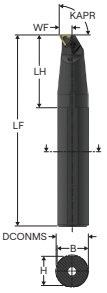
Pentru plăcuţe S, Snap-Tap®

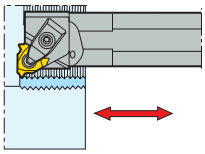


CNR/L...AHD




CNR/L...APIHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CNR0020P16AHD | 02555888 | 18,0 | 19,0 | 170,0 | 13,8 | 41,0 | 20,0 | 24,0 | – | 0,4 | 16.. |
| CNR0025R16AHD | 02555891 | 23,0 | 24,0 | 200,0 | 16,3 | 40,0 | 25,0 | 29,0 | 26,0 | 0,6 | 16.. |
| CNR0032S16AHD | 02555895 | 30,0 | 31,0 | 250,0 | 19,8 | 47,0 | 32,0 | 36,0 | 32,0 | 1,4 | 16.. |
| CNR0040T16AHD | 02555900 | 37,0 | 38,5 | 300,0 | 23,8 | 47,0 | 40,0 | 44,0 | 40,0 | 2,6 | 16.. |
| CNR0050U16AHD | 02555906 | 47,0 | 48,5 | 350,0 | 28,8 | 45,0 | 50,0 | 54,0 | 50,0 | 4,9 | 16.. |
| CNL0020P16AHD | 02555907 | 18,0 | 19,0 | 171,0 | 11,78 | 41,0 | 20,0 | 24,0 | – | 0,4 | 16.. |
| CNL0025R16AHD | 02555908 | 23,0 | 24,0 | 171,0 | 11,78 | 40,0 | 25,0 | 29,0 | 26,0 | 0,6 | 16.. |
| CNL0032S16AHD | 02555909 | 30,0 | 31,0 | 250,0 | 19,8 | 47,0 | 32,0 | 36,0 | 32,0 | 1,4 | 16.. |
| CNL0040T16AHD | 02555910 | 37,0 | 38,5 | 300,0 | 23,8 | 47,0 | 40,0 | 44,0 | 40,0 | 2,6 | 16.. |
| CNR0025R22AHD | 02555913 | 23,0 | 24,0 | 200,0 | 17,8 | 45,0 | 25,0 | 30,0 | – | 0,6 | 22.. |
| CNR0032S22AHD | 02555919 | 30,0 | 31,0 | 250,0 | 21,3 | 46,0 | 32,0 | 38,0 | 32,0 | 1,4 | 22.. |
| CNR0040T22AHD | 02556097 | 37,0 | 38,5 | 300,0 | 25,3 | 53,0 | 40,0 | 46,0 | 40,0 | 2,6 | 22.. |
| CNR0050U22AHD | 02556101 | 47,0 | 48,5 | 350,0 | 30,3 | 51,0 | 50,0 | 56,0 | 50,0 | 4,8 | 22.. |
| CNR0063V22AHD | 02556102 | 60,0 | 61,5 | 400,0 | 36,8 | 56,0 | 63,0 | 69,0 | 63,0 | 9,1 | 22.. |
| CNL0025R22AHD | 02556104 | 23,0 | 24,0 | 200,0 | 17,8 | 45,0 | 25,0 | 30,0 | – | 0,6 | 22.. |
| CNL0032S22AHD | 02556106 | 30,0 | 31,0 | 250,0 | 21,3 | 46,0 | 32,0 | 38,0 | 32,0 | 1,4 | 22.. |
| CNL0040T22AHD | 02556107 | 37,0 | 38,5 | 300,0 | 25,3 | 53,0 | 40,0 | 46,0 | 40,0 | 2,6 | 22.. |
| CNL0050U22AHD | 02556108 | 47,0 | 48,5 | 350,0 | 30,3 | 51,0 | 50,0 | 56,0 | 50,0 | 4,8 | 22.. |
| CNR0050T22APIHD | 02556244 | 47,0 | 48,5 | 300,0 | 20,5 | 114,0 | 50,0 | 49,0 | – | 3,7 | 22.. |
| CNR0063T22APIHD | 02817098 | 60,0 | 61,5 | 300,0 | 22,6 | 119,0 | 63,0 | 50,5 | – | 5,4 | 22.. |
| CNL0063T22APIHD | 02817100 | 60,0 | 61,5 | 300,0 | 22,6 | 119,0 | 63,0 | 50,5 | – | 5,4 | 22.. |
| CNR0040T27AHD | 02556109 | 37,0 | 38,5 | 300,0 | 26,8 | 62,0 | 40,0 | 48,0 | 44,0 | 2,5 | 27.. |
| CNR0050U27AHD | 02556110 | 47,0 | 48,5 | 350,0 | 31,8 | 61,0 | 50,0 | 58,0 | 50,0 | 4,8 | 27.. |
| CNR0063V27AHD | 02556120 | 60,0 | 61,5 | 400,0 | 38,3 | 70,0 | 63,0 | 70,0 | 63,0 | 9,0 | 27.. |
| CNL0040T27AHD | 02556122 | 37,0 | 38,5 | 300,0 | 26,8 | 62,0 | 40,0 | 48,0 | 44,0 | 2,5 | 27.. |
| CNL0050U27AHD | 02556130 | 47,0 | 48,5 | 350,0 | 31,8 | 61,0 | 50,0 | 58,0 | 50,0 | 4,8 | 27.. |
| CNR0063T27APIHD | 02817102 | 60,0 | 61,5 | 300,0 | 23,1 | 119,0 | 63,0 | 50,5 | – | 5,6 | 27.. |
| CNL0063T27APIHD | 02817105 | 60,0 | 61,5 | 300,0 | 23,1 | 119,0 | 63,0 | 50,5 | – | 5,4 | 27.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Șurub clemă | Nicovală (S) | Plug screw | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| ...R22, ...S22 | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | P6SS4X4G | CS4009-T15P | – |
| ...T22, ...U22, ...V22 | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | P6SS4X4G | CS4009-T15P | S7616 |
| ..27.. | CHD27 | T20P-7L | – | L86025-T20P | VX27-1 | P6SS4X4G | C05012-T15P | S7616 |
| ..P, ..R16AHD | – | T15P-2 | CSP16HD-T15P | – | GX16-1 | P6SS4X4G | CS3507-T09P | – |
| ..S, ..T, ..U16AHD | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |

## Accesorii

| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...R22, ...S22 | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | – |
| ...T22, ...U22, ...V22 | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ..27.. | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| ..P, ..R16AHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ..S, ..T, ..U16AHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |

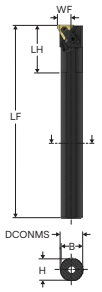
DCINN2, modificat. Consultaţi pag. 36

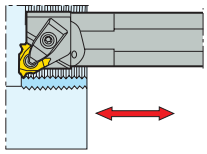
## Suporturi, interior

Pentru plăcuţe S, Snap-Tap®



CNR/L...AHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CNR000757-16AHD | 02562574 | 0.650 | 0.707 | 6.693 | 0.520 | 1.181 | 0.750 | 0.950 | 0.800 | 0.7 | 16.. |
| CNR001008-16AHD | 02562785 | 0.902 | 0.957 | 7.874 | 0.650 | 2.126 | 1.000 | 1.150 | 1.000 | 1.5 | 16.. |
| CNR0012510-16AHD | 02562786 | 1.150 | 1.209 | 9.843 | 0.780 | 1.811 | 1.250 | 1.400 | 1.200 | 2.9 | 16.. |
| CNR0015012-16AHD | 02562787 | 1.339 | 1.427 | 11.811 | 0.898 | 1.811 | 1.500 | 1.700 | 1.500 | 5.1 | 16.. |
| CNR0017514-16AHD | 02562788 | 1.591 | 1.677 | 13.780 | 1.028 | 2.165 | 1.750 | 2.000 | 1.800 | 8.2 | 16.. |
| CNR0020014-16AHD | 02562789 | 1.843 | 1.929 | 13.780 | 1.150 | 2.244 | 2.000 | 2.200 | 2.000 | 10.8 | 16.. |
| CNL000757-16AHD | 02562790 | 0.650 | 0.707 | 6.693 | 0.520 | 1.181 | 0.750 | 0.950 | 0.800 | 0.9 | 16.. |
| CNL001008-16AHD | 02562791 | 0.902 | 0.957 | 7.874 | 0.650 | 2.126 | 1.000 | 1.150 | 1.000 | 1.5 | 16.. |
| CNL0012510-16AHD | 02562792 | 1.150 | 1.209 | 9.843 | 0.780 | 1.811 | 1.250 | 1.400 | 1.200 | 2.9 | 16.. |
| CNL0015012-16AHD | 02562793 | 1.339 | 1.427 | 11.811 | 0.898 | 1.811 | 1.500 | 1.700 | 1.500 | 5.1 | 16.. |
| CNL0017514-16AHD | 02562794 | 1.591 | 1.677 | 13.780 | 1.028 | 2.165 | 1.750 | 2.000 | 1.800 | 7.9 | 16.. |
| CNL0020014-16AHD | 02562795 | 1.843 | 1.929 | 13.780 | 1.150 | 2.244 | 2.000 | 2.200 | 2.000 | 10.8 | 16.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Plug screw | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| CNR/L..0757..1008 | – | T15P-2 | CSP16HD-T15P | – | GX16-1 | P6SS4X4G | CS3507-T09P | – |
| CNR..12510 | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |
| CNR/L..12510..15012 | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |
| CNR/L..12510..15012 | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |
| CNR..17514 | CHD16 | – | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |
| CNL..17514 | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |
| CNR/L..20014 | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | P6SS4X4G | CS3507-T09P | S6912 |

## Accesorii

| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| CNR/L..0757..1008 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CNR..12510 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CNR/L..12510..15012 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CNR/L..12510..15012 | MX16-1 | GX16-0 | GX16-2 | GX16-4 | GX16-98 | GX16-99 | – | T09P-2 |
| CNR..17514 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CNL..17514 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| CNR/L..20014 | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |

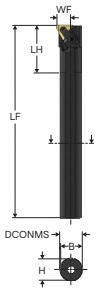
DCINN2, modificat. Consultaţi pag. 36

## Suporturi, interior

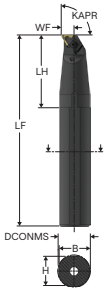
Pentru plăcuţe S, Snap-Tap®

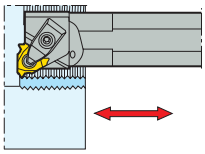


CNR/L...AHD




CNR/L...APIHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CNR001008-22AHD | 02562797 | 0.902 | 0.957 | 7.917 | 0.709 | 1.736 | 1.000 | 1.200 | 1.000 | 1.5 | 22.. |
| CNR0012510-22AHD | 02562798 | 1.150 | 1.209 | 9.843 | 0.839 | 2.126 | 1.250 | 1.500 | 1.200 | 2.9 | 22.. |
| CNR0015012-22AHD | 02562799 | 1.339 | 1.427 | 11.811 | 0.969 | 2.126 | 1.500 | 1.800 | 1.800 | 5.1 | 22.. |
| CNR0017514-22AHD | 02562800 | 1.591 | 1.677 | 13.780 | 1.091 | 2.126 | 1.750 | 2.100 | 1.800 | 8.2 | 22.. |
| CNR0020014-22AHD | 02562801 | 1.843 | 1.929 | 13.780 | 1.209 | 2.323 | 2.000 | 2.300 | 2.000 | 11.0 | 22.. |
| CNR0025016-22AHD | 02562802 | 2.343 | 2.429 | 15.748 | 1.457 | 2.402 | 2.500 | 2.800 | 2.500 | 20.3 | 22.. |
| CNR00200T22APIHD | 02562815 | 1.843 | 1.929 | 12.000 | 0.880 | 5.000 | 2.000 | 1.600 | – | 8.4 | 22.. |
| CNR00250T22APIHD | 02562816 | 2.343 | 2.429 | 12.000 | 0.880 | 5.000 | 2.500 | 1.600 | – | 11.9 | 22.. |
| CNL001008-22AHD | 02562803 | 0.902 | 0.957 | 7.917 | 0.709 | 1.736 | 1.000 | 1.200 | 1.000 | 1.5 | 22.. |
| CNL0012510-22AHD | 02562804 | 1.150 | 1.209 | 9.843 | 0.839 | 2.126 | 1.250 | 1.500 | 1.200 | 2.9 | 22.. |
| CNL0015012-22AHD | 02562805 | 1.339 | 1.427 | 11.811 | 1.183 | 2.126 | 1.500 | 1.800 | 1.800 | 5.3 | 22.. |
| CNL0017514-22AHD | 02562806 | 1.591 | 1.677 | 13.780 | 1.091 | 2.126 | 1.750 | 2.100 | 1.800 | 8.6 | 22.. |
| CNL0020014-22AHD | 02562807 | 1.843 | 1.929 | 13.780 | 1.209 | 2.323 | 2.000 | 2.300 | 2.000 | 10.6 | 22.. |
| CNL0025016-22AHD | 02562808 | 2.343 | 2.429 | 15.748 | 1.457 | 2.402 | 2.500 | 2.800 | 2.500 | 19.8 | 22.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Șurub clemă | Nicovală (S) | Plug screw | Cheie nicovală/ clemă | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| CNR..1008..2510.. | – | – | CSP22HD-T15P | – | NX22-1 | P6SS4X4G | T15P-2 | CS4009-T15P | – |
| CNL..1008..2510.. | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | P6SS4X4G | – | CS4009-T15P | – |
| CNR/L..5012..5016.. | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | P6SS4X4G | – | CS4009-T15P | S7616 |
| CNR..200..250T.. | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | P6SS4X4G | – | CS4009-T15P | S7616 |

## Accesorii

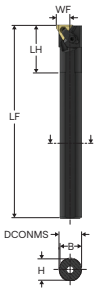
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CNR..1008..2510.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | – |
| CNL..1008..2510.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | – |
| CNR/L..5012..5016.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| CNR..200..250T.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |

## Suporturi, interior

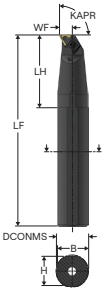
Pentru plăcuţe S, Snap-Tap®

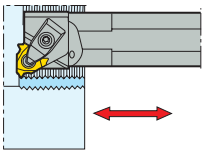


CNR/L...AHD




CNR/L...APIHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CNR0015012-27AHD | 02562809 | 1.339 | 1.427 | 11.811 | 1.020 | 2.441 | 1.500 | 1.900 | 1.500 | 4.9 | 27.. |
| CNR0017514-27AHD | 02562810 | 1.591 | 1.677 | 13.780 | 1.150 | 2.402 | 1.750 | 2.200 | 1.800 | 8.2 | 27.. |
| CNR0020014-27HD | 02790281 | 1.843 | 1.929 | 13.780 | 1.346 | 2.283 | 2.000 | 2.362 | 2.000 | 11.5 | 27.. |
| CNR0025016-27AHD | 02562811 | 2.343 | 2.429 | 15.748 | 1.520 | 2.756 | 2.500 | 2.900 | 2.500 | 19.6 | 27.. |
| CNR00200T27APIHD | 02562819 | 1.843 | 1.929 | 12.000 | 0.900 | 5.000 | 2.000 | 1.600 | 1.600 | 8.4 | 27... |
| CNR00250T27APIHD | 02562820 | 2.343 | 2.429 | 12.000 | 0.900 | 5.000 | 2.500 | 1.600 | 1.600 | 11.9 | 27... |
| CNL0015012-27AHD | 02562812 | 1.339 | 1.427 | 11.811 | 1.020 | 2.441 | 1.500 | 1.900 | 1.500 | 4.9 | 27.. |
| CNL0017514-27AHD | 02562813 | 1.591 | 1.677 | 13.780 | 1.150 | 2.402 | 1.750 | 2.200 | 1.800 | 8.4 | 27.. |
| CNL0025016-27AHD | 02562814 | 2.343 | 2.429 | 15.748 | 1.520 | 2.756 | 2.500 | 2.900 | 2.500 | 20.3 | 27.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (S) | Plug screw | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| CNR/L..15012-25016.. | CHD27 | T20P-7L | L86025-T20P | VX27-1 | P6SS4X4G | C05012-T15P | S7616 |
| CNR..200..250T.. | CHD27 | T20P-7 | L86025-T20P | VX27-1 | P6SS4X4G | C05012-T15P | S7616 |

## Accesorii

| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| CNR/L..15012-25016.. | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| CNR..200..250T.. | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

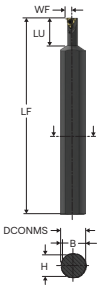
DCINN2, modificat. Consultaţi pag. 36

## Suporturi, interior

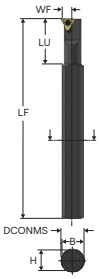
Pentru plăcuţe S, Snap-Tap®



SNR...09A




SNR/L




—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | H | B | LF | WF | DCONMS | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| SNR000750-55-09A | 00086856 | 0.691 | 0.707 | 5.500 | 0.201 | 0.750 | 0.7 | 09NR.. |
| SNR000375-40-11 | 00072380 | 0.336 | 0.350 | 4.000 | 0.285 | 0.375 | 0.2 | 11NR.. |
| SNR00062555-11 | 00072332 | 0.441 | 0.470 | 5.500 | 0.315 | 0.625 | 0.4 | 11NR.. |
| SNR000375-60-11H | 00072376 | 0.336 | 0.350 | 6.000 | 0.285 | 0.375 | 0.4 | 11NR.. |
| SNL00037540-11 | 00072403 | 0.336 | 0.350 | 4.000 | 0.285 | 0.375 | 0.2 | 11NL.. |
| SNL00062555-11 | 00072405 | 0.441 | 0.470 | 5.500 | 0.315 | 0.625 | 0.4 | 11NL.. |
| SNR000625-60-16 | 00072374 | 0.566 | 0.587 | 6.000 | 0.406 | 0.625 | 0.7 | 16NR.. |
| SNR000625-80-16H | 00072330 | 0.566 | 0.587 | 8.000 | 0.406 | 0.625 | 1.5 | 16NR.. |
| SNL00062560-16 | 00072407 | 0.566 | 0.587 | 6.000 | 0.406 | 0.625 | 0.7 | 16NL.. |
| SNR00075-70-22 | 00072314 | 0.691 | 0.707 | 7.000 | 0.492 | 0.750 | 0.7 | 22NR.. |
| SNR000750-10-22H | 00072370 | 0.691 | 0.707 | 10.000 | 0.492 | 0.750 | 2.7 | 22NR.. |
| SNL0007570-22 | 00072411 | 0.691 | 0.707 | 7.000 | 0.492 | 0.750 | 0.9 | 22NL.. |

## Piese de schimb, Piese incluse la livrare

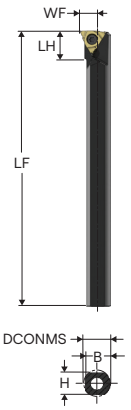
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ..09 | T07P-2 | C02205-T07P |
| ..11 | T07P-2 | C02506-T07P |
| ..16 | T15P-2 | C03508-T15P |
| ..22 | T15P-2 | C04011-T15P |

## Suporturi, interior

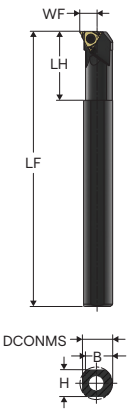
Pentru plăcuţe S, Snap-Tap®

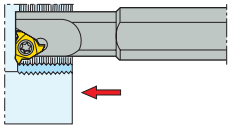


SNR/L..11A/16A




SNR/L..11A/16A



—Agent de răcire intern
—CP = Presiune maximă a lichidului de răcire.
—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | DCONMS | DCINN | DCINN2 | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| SNR00037540-11A | 10317553 | 0.375 | 0.500 | 0.450 | 0.315 | 0.345 | 4.008 | 0.285 | 0.408 | 0.2 | 11 |
| SNR00062555-11A | 10317556 | 0.625 | 0.600 | 0.500 | 0.531 | 0.578 | 5.520 | 0.315 | 1.252 | 0.4 | 11 |
| SNL00037540-11A | 10317552 | 0.375 | 0.500 | 0.450 | 0.315 | 0.345 | 4.008 | 0.285 | 0.408 | 0.2 | 11 |
| SNL00062555-11A | 10317555 | 0.625 | 0.600 | 0.500 | 0.531 | 0.578 | 5.520 | 0.315 | 1.252 | 0.4 | 11 |
| SNR00062560-16A | 10317558 | 0.625 | 0.750 | 0.630 | 0.531 | 0.578 | 6.000 | 0.406 | 1.500 | 0.4 | 16 |
| SNL00062560-16A | 10317557 | 0.625 | 0.750 | 0.630 | 0.531 | 0.578 | 6.000 | 0.406 | 1.500 | 0.4 | 16 |
| SNR0007570-22A | 10317561 | 0.750 | 0.900 | 0.787 | 0.650 | 0.700 | 7.000 | 0.494 | 1.654 | 0.7 | 22 |
| SNL0007570-22A | 10317560 | 0.750 | 0.900 | 0.787 | 0.650 | 0.700 | 7.000 | 0.494 | 1.654 | 0.7 | 22 |

## Piese de schimb, Piese incluse la livrare

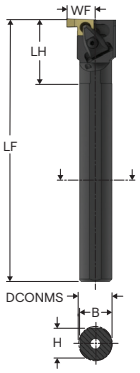
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ..11A | T07P-2 | C02506-T07P |
| ..16A | T15P-2 | C03508-T15P |
| ..22A | T15P-2 | C04011-T15P |

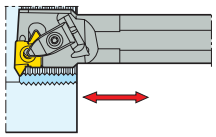
DCINN2, modificat. Consultaţi pag. 36

## Suporturi, interior

Pentru plăcuţe K, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 158, 160, 162

| Reper Nr. | Număr reper | H | B | CDX | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CNR0025R20AHD | 02556131 | 23,0 | 24,0 | 9999,0 | 200,0 | 20,5 | 50,0 | 25,0 | 38,0 | – | 0,7 | 20 |
| CNR0032S20AHD | 02556132 | 30,0 | 31,0 | 9999,0 | 250,0 | 24,0 | 50,0 | 32,0 | 44,0 | 38,0 | 1,4 | 20 |
| CNR0040T20AHD | 02556133 | 37,0 | 38,5 | 9999,0 | 300,0 | 28,0 | 50,0 | 40,0 | 51,0 | 40,0 | 2,6 | 20 |
| CNL0025R20AHD | 02556134 | 23,0 | 24,0 | 9999,0 | 200,0 | 20,5 | 50,0 | 25,0 | 38,0 | – | 0,7 | 20 |
| CNL0032S20AHD | 02556135 | 30,0 | 31,0 | 9999,0 | 250,0 | 24,0 | 50,0 | 32,0 | 44,0 | 38,0 | 1,4 | 20 |
| CNR0032S26AHD | 02556136 | 30,0 | 31,0 | 9999,0 | 250,0 | 27,0 | 61,0 | 32,0 | 50,0 | 50,0 | 1,5 | 26 |
| CNR0040T26AHD | 02556137 | 37,0 | 38,5 | 9999,0 | 300,0 | 31,0 | 60,0 | 40,0 | 55,0 | 50,0 | 2,6 | 26 |
| CNR0050U26AHD | 02556138 | 47,0 | 48,5 | 9999,0 | 350,0 | 36,0 | 62,0 | 50,0 | 65,0 | – | 4,9 | 26 |
| CNR0063V26AHD | 02556139 | 60,0 | 61,5 | 9999,0 | 400,0 | 42,5 | 64,0 | 63,0 | 80,0 | 63,0 | 8,9 | 26 |
| CNL0040T26AHD | 02556140 | 37,0 | 38,5 | – | 300,0 | 31,0 | 60,0 | 40,0 | 55,0 | 50,0 | 2,5 | 26 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (K) | Plug screw | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..20 | CHD22 | T20P-7L | L86025-T20P | KX20-2 | P6SS4X4G | CS4009-T15P | S7616 |
| ..26 | CHD27 | T20P-7L | L86025-T20P | KX26-2 | P6SS4X4G | C05012-T15P | S7616 |

## Accesorii

| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| ..20 | – | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| ..26 | – | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |
| ..26 | KX26-99 | – | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

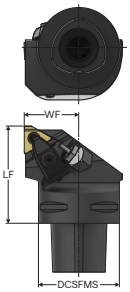
DCINN2, modificat. Consultaţi pag. 36

## Seco Capto™ – Suporturi, exterior

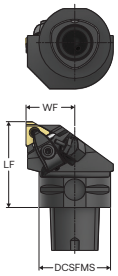
Pentru plăcuţe S, Snap-Tap®

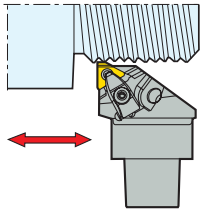


CER/L-..HD




CER/L-..CHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | DCSFMS | LF | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C3-CER-22045-16HD | 10323074 | 32,0<br>*1.260* | 45,0<br>*1.772* | 22,0<br>*0.866* | 0,3<br>*0.660* | 16.. |
| C4-CER-27050-16HD | 02484547 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 16.. |
| C5-CER-35060-16HD | 02484650 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 16.. |
| C6-CER-45065-16HD | 02484653 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 16.. |
| C4-CEL-27050-16HD | 02484655 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 16.. |
| C5-CEL-35060-16HD | 02484657 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 16.. |
| C6-CEL-45065-16HD | 02484661 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 16.. |
| C4-CER-27050-22HD | 02484649 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 22.. |
| C5-CER-35060-22HD | 02484652 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,9<br>*1.980* | 22.. |
| C6-CER-45065-22HD | 02484654 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 22.. |
| C4-CEL-27050-22HD | 02484656 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 22.. |
| C5-CEL-35060-22HD | 02484658 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,9<br>*1.980* | 22.. |
| C6-CEL-45065-22HD | 02484663 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 22.. |
| C5-CER-35060-27HD | 02844418 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 27.. |
| C6-CER-45065-27HD | 02484848 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 27.. |
| C5-CEL-35060-27HD | 02844420 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 27.. |
| C6-CEL-45065-27HD | 02484860 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 27.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Șurub clemă | Coolant nozzle | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16HD | CHD16 | T15P-7 | L85020-T15P | CN16 | GX16-1 | CS3507-T09P | S6912 |
| ...22045-16HD | CHD16 | T15P-7 | L85020-T15P | CN16 | GX16-1 | CS3507-T09P | S6912 |
| ...22HD | CHD22 | T20P-7L | L86025-T20P | CN16 | NX22-1 | CS4009-T15P | S7616 |
| ...27HD | CHD27 | T20P-7L | L86025-T20P | CN16 | VX27-1 | C05012-T15P | S7616 |
| ...45065-27HD | CHD27 | T20P-7L | L86025-T20P | CN16 | VX27-1 | C05012-T15P | S7616 |

## Accesorii

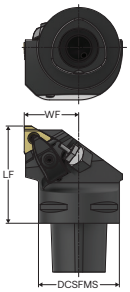
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22045-16HD | – | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | MX16-1 | – | – | – |
| ...22HD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27HD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-7 |
| ...45065-27HD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Seco Capto™ – Suporturi, exterior

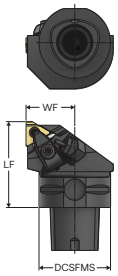
Pentru plăcuţe S, Snap-Tap®

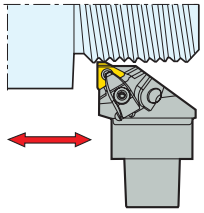


CER/L-..HD




CER/L-..CHD



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163

| Reper Nr. | Număr reper | DCSFMS | LF | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C4-CER-27050-16CHD | 02484668 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 16 |
| C5-CER-35060-16CHD | 02484784 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 16 |
| C6-CER-45065-16CHD | 02484786 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 16 |
| C4-CEL-27050-16CHD | 02484795 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 16 |
| C5-CEL-35060-16CHD | 02484802 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,9<br>*1.980* | 16 |
| C6-CEL-45065-16CHD | 02484843 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 16 |
| C4-CER-27050-22CHD | 02484775 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 22 |
| C5-CER-35060-22CHD | 02484785 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,9<br>*1.980* | 22 |
| C6-CER-45065-22CHD | 02484790 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,4<br>*3.090* | 22 |
| C4-CEL-27050-22CHD | 02484800 | 40,0<br>*1.575* | 50,0<br>*1.969* | 27,0<br>*1.063* | 0,5<br>*1.100* | 22 |
| C5-CEL-35060-22CHD | 02484804 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 22 |
| C6-CEL-45065-22CHD | 02484845 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 22 |
| C6-CER-45065-27CHD | 02484854 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,4<br>*3.090* | 27 |
| C6-CEL-45065-27CHD | 02484862 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Coolant nozzle | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16CHD | CHD16 | T15P-7 | L85020-T15P | CN16 | GX16-1 | CS3507-T09P | S6912 |
| ...22CHD | CHD22 | T20P-7L | L86025-T20P | CN16 | NX22-1 | CS4009-T15P | S7616 |
| ...27CHD | CHD27 | T20P-7L | L86025-T20P | CN16 | VX27-1 | C05012-T15P | S7616 |

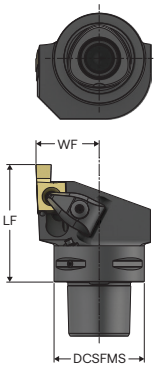
## Accesorii

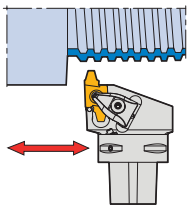
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16CHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22CHD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27CHD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Seco Capto™ – Suporturi, exterior

Pentru plăcuţe K, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 157, 159, 161

| Reper Nr. | Număr reper | DCSFMS | LF | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C4-CER-27060-20HD | 02853589 | 40,0<br>*1.575* | 60,0<br>*2.362* | 27,0<br>*1.063* | 0,6<br>*1.320* | 20.. |
| C5-CER-35060-20HD | 02853591 | 50,0<br>*1.969* | 60,0<br>*2.362* | 35,0<br>*1.378* | 0,8<br>*1.760* | 20.. |
| C6-CER-45065-20HD | 02853587 | 63,0<br>*2.480* | 65,0<br>*2.559* | 45,0<br>*1.772* | 1,3<br>*2.870* | 20.. |
| C4-CER-27065-26HD | 02853590 | 40,0<br>*1.575* | 65,0<br>*2.559* | 27,0<br>*1.063* | 0,6<br>*1.320* | 26.. |
| C5-CER-35065-26HD | 02790776 | 50,0<br>*1.969* | 65,0<br>*2.559* | 35,0<br>*1.378* | 0,8<br>*1.760* | 26.. |
| C6-CER-45070-26HD | 02853595 | 63,0<br>*2.480* | 70,0<br>*2.756* | 45,0<br>*1.772* | 1,5<br>*3.310* | 26.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Coolant nozzle | Nicovală (K) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...20HD | CHD22 | T20P-7 | L86025-T20P | CN6 | KX20-2 | CS4009-T15P | S7616 |
| ...26HD | CHD27 | T20P-7 | L86025-T20P | CN6 | KX26-2 | C05012-T15P | S7616 |

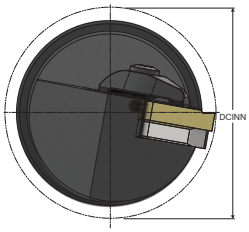
## Accesorii

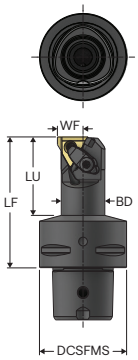
| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...20HD | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| ...26HD | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

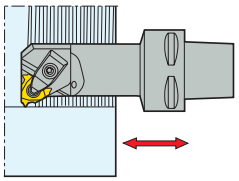
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C4-SNR-10060-16 | 00008610 | 16,0<br>*0.630* | 40,0<br>*1.575* | 19,0<br>*0.748* | 60,0<br>*2.362* | 37,0<br>*1.457* | 10,0<br>*0.394* | 0,4<br>*0.880* | 16.. |
| C4-CNR-14060-16HD | 02555280 | 20,0<br>*0.787* | 40,0<br>*1.575* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,4<br>*0.880* | 16.. |
| C4-CNR-17070-16HD | 02555284 | 25,0<br>*0.984* | 40,0<br>*1.575* | 29,0<br>*1.142* | 70,0<br>*2.756* | 48,0<br>*1.890* | 16,3<br>*0.642* | 0,4<br>*0.880* | 16.. |
| C4-CNR-20090-16HD | 02555320 | 32,0<br>*1.260* | 40,0<br>*1.575* | 36,0<br>*1.417* | 90,0<br>*3.543* | 69,0<br>*2.717* | 19,8<br>*0.780* | 0,6<br>*1.320* | 16.. |
| C4-CNL-14060-16HD | 02555337 | 20,0<br>*0.787* | 40,0<br>*1.575* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,4<br>*0.880* | 16.. |
| C4-CNL-17070-16HD | 02555331 | 25,0<br>*0.984* | 40,0<br>*1.575* | 29,0<br>*1.142* | 70,0<br>*2.756* | 48,0<br>*1.890* | 16,3<br>*0.642* | 0,5<br>*1.100* | 16.. |
| C4-CNL-20090-16HD | 02555371 | 32,0<br>*1.260* | 40,0<br>*1.575* | 36,0<br>*1.417* | 90,0<br>*3.543* | 69,0<br>*2.717* | 19,8<br>*0.780* | 0,7<br>*1.540* | 16.. |
| C4-CNR-22090-22HD | 02555375 | 32,0<br>*1.260* | 40,0<br>*1.575* | 38,0<br>*1.496* | 90,0<br>*3.543* | 69,0<br>*2.717* | 21,3<br>*0.839* | 0,6<br>*1.320* | 22.. |
| C4-CNL-22090-22HD | 02555384 | 32,0<br>*1.260* | 40,0<br>*1.575* | 38,0<br>*1.496* | 90,0<br>*3.543* | 69,0<br>*2.717* | 21,3<br>*0.839* | 0,6<br>*1.320* | 22.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Cheie plăcuţă | Şurub plăcuţă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| ...10060-16 | – | – | – | – | T15P-2 | C03508-T15P | – | – | – |
| ...14060, 17070-16HD | – | T15P-2 | CSP16HD-T15P | – | – | – | GX16-1 | CS3507-T09P | – |
| ...20090-16HD | CHD16 | T15P-2 | – | L85020-T15P | – | – | GX16-1 | CS3507-T09P | S6912 |
| ...22090-22HD | – | T15P-2 | CSP22HD-T15P | – | – | – | NX22-1 | CS4009-T15P | – |

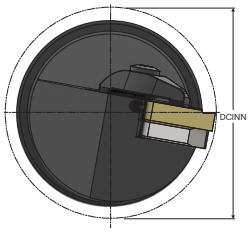
## Accesorii

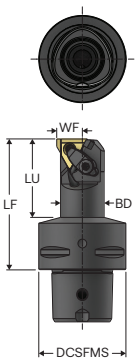
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...10060-16 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| ...14060, 17070-16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...20090-16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22090-22HD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | – |

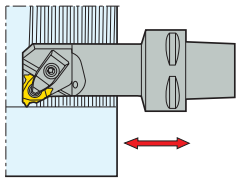
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C5-CNR-14060-16HD | 02555383 | 20,0<br>*0.787* | 50,0<br>*1.969* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,6<br>*1.320* | 16.. |
| C5-CNR-17070-16HD | 02555388 | 25,0<br>*0.984* | 50,0<br>*1.969* | 29,0<br>*1.142* | 70,0<br>*2.756* | 47,0<br>*1.850* | 16,3<br>*0.642* | 0,6<br>*1.320* | 16.. |
| C5-CNR-20090-16HD | 02555391 | 32,0<br>*1.260* | 50,0<br>*1.969* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 0,9<br>*1.980* | 16.. |
| C5-CNR-27105-16HD | 10323075 | 40,0<br>*1.575* | 50,0<br>*1.969* | 48,0<br>*1.890* | 105,0<br>*4.134* | 84,0<br>*3.307* | 27,0<br>*1.063* | 1,2<br>*2.650* | 16.. |
| C5-CNL-14060-16HD | 02555739 | 20,0<br>*0.787* | 50,0<br>*1.969* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,6<br>*1.320* | 16.. |
| C5-CNL-17070-16HD | 02555740 | 25,0<br>*0.984* | 50,0<br>*1.969* | 29,0<br>*1.142* | 70,0<br>*2.756* | 47,0<br>*1.850* | 16,3<br>*0.642* | 0,6<br>*1.320* | 16.. |
| C5-CNL-20090-16HD | 02555741 | 32,0<br>*1.260* | 50,0<br>*1.969* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 0,8<br>*1.760* | 16.. |
| C5-CNR-18070-22HD | 02555742 | 25,0<br>*0.984* | 50,0<br>*1.969* | 30,0<br>*1.181* | 70,0<br>*2.756* | 47,0<br>*1.850* | 17,8<br>*0.701* | 0,6<br>*1.320* | 22.. |
| C5-CNR-22090-22HD | 02555743 | 32,0<br>*1.260* | 50,0<br>*1.969* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 0,8<br>*1.760* | 22.. |
| C5-CNL-18070-22HD | 02555745 | 25,0<br>*0.984* | 50,0<br>*1.969* | 30,0<br>*1.181* | 70,0<br>*2.756* | 47,0<br>*1.850* | 17,8<br>*0.701* | 0,6<br>*1.320* | 22.. |
| C5-CNL-22090-22HD | 02555747 | 32,0<br>*1.260* | 50,0<br>*1.969* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 0,8<br>*1.760* | 22.. |
| C5-CNR-26105-27HD | 02823806 | 40,0<br>*1.575* | 50,0<br>*1.969* | 46,0<br>*1.811* | 105,0<br>*4.134* | 83,7<br>*3.295* | 24,78<br>*0.976* | 1,2<br>*2.650* | 27.. |
| C5-CNL-26105-27HD | 02823807 | 40,0<br>*1.575* | 50,0<br>*1.969* | 46,0<br>*1.811* | 105,0<br>*4.134* | 83,7<br>*3.295* | 24,78<br>*0.976* | 1,2<br>*2.650* | 27.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Șurub clemă | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...14060, 17070-16HD | – | T15P-2 | CSP16HD-T15P | – | GX16-1 | CS3507-T09P | – |
| ...20090-16HD | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ...22HD | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | CS4009-T15P | – |
| ...27105-16HD | CHD16 | T15P-7 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ...27HD | CHD27 | T20P-7 | – | L86025-T20P | VX27-1 | C05012-T15P | S7616 |

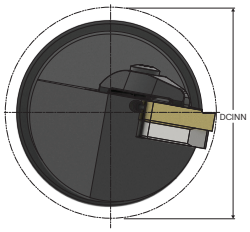
## Accesorii

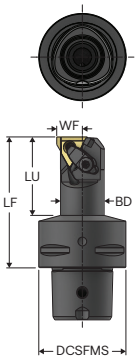
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...14060, 17070-16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...20090-16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22HD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27105-16HD | – | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | MX16-1 | – | – | – |
| ...27HD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

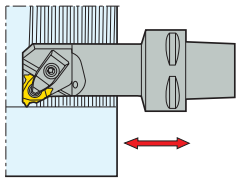
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 167

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CNR-17075-16HD | 02555750 | 25,0<br>*0.984* | 63,0<br>*2.480* | 29,0<br>*1.142* | 75,0<br>*2.953* | 53,0<br>*2.087* | 16,3<br>*0.642* | 0,9<br>*1.980* | 16 |
| C6-CNR-20090-16HD | 02555762 | 32,0<br>*1.260* | 63,0<br>*2.480* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 1,1<br>*2.430* | 16 |
| C6-CNR-24105-16HD | 02555766 | 40,0<br>*1.575* | 63,0<br>*2.480* | 44,0<br>*1.732* | 105,0<br>*4.134* | 80,0<br>*3.150* | 23,8<br>*0.937* | 1,5<br>*3.310* | 16 |
| C6-CNL-17075-16HD | 02555768 | 25,0<br>*0.984* | 63,0<br>*2.480* | 29,0<br>*1.142* | 75,0<br>*2.953* | 53,0<br>*2.087* | 16,3<br>*0.642* | 0,9<br>*1.980* | 16 |
| C6-CNL-20090-16HD | 02555769 | 32,0<br>*1.260* | 63,0<br>*2.480* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 1,1<br>*2.430* | 16 |
| C6-CNL-24105-16HD | 02555771 | 40,0<br>*1.575* | 63,0<br>*2.480* | 44,0<br>*1.732* | 105,0<br>*4.134* | 80,0<br>*3.150* | 23,8<br>*0.937* | 1,5<br>*3.310* | 16 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...17075-16HD | – | T15P-2 | CSP16HD-T15P | – | GX16-1 | CS3507-T09P | – |
| ...20090, 24105-16HD | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |

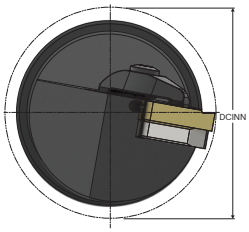
## Accesorii

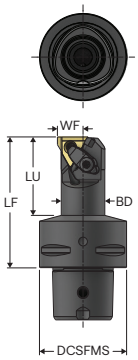
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| ...17075-16HD | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |
| ...20090, 24105-16HD | MX16-1 | GX16-0 | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | T09P-2 |

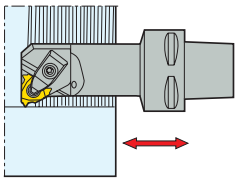
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 152, 156, 158, 160, 162, 163, 165, 166, 168, 169

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CNR-18075-22HD | 02555772 | 25,0<br>*0.984* | 63,0<br>*2.480* | 30,0<br>*1.181* | 75,0<br>*2.953* | 53,0<br>*2.087* | 17,8<br>*0.701* | 0,9<br>*1.980* | 22 |
| C6-CNR-22090-22HD | 02555773 | 32,0<br>*1.260* | 63,0<br>*2.480* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 1,1<br>*2.430* | 22 |
| C6-CNR-26105-22HD | 02555776 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 22 |
| C6-CNL-18075-22HD | 02555777 | 25,0<br>*0.984* | 63,0<br>*2.480* | 30,0<br>*1.181* | 75,0<br>*2.953* | 53,0<br>*2.087* | 17,8<br>*0.701* | 0,9<br>*1.980* | 22 |
| C6-CNL-22090-22HD | 02555832 | 32,0<br>*1.260* | 63,0<br>*2.480* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 1,1<br>*2.430* | 22 |
| C6-CNL-26105-22HD | 02555833 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..18075, 22090.. | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | CS4009-T15P | – |
| ..26105.. | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |

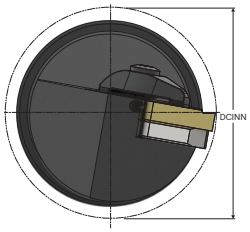
## Accesorii

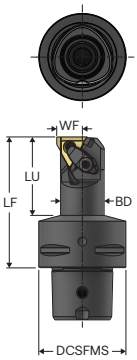
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ..18075, 22090.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ..26105.. | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |

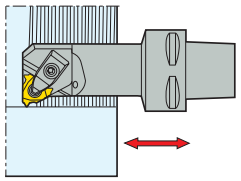
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 132, 133, 134 138, 139, 156, 158, 160, 162, 163, 165, 166, 167

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CNR-26105-27HD | 02644670 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 77,0<br>*3.031* | 25,3<br>*0.996* | 1,5<br>*3.310* | 27 |
| C6-CNR-36182-27HD | 02485584 | 63,0<br>*2.480* | 63,0<br>*2.480* | 70,0<br>*2.756* | 182,0<br>*7.165* | – | 36,0<br>*1.417* | 3,3<br>*7.280* | 27 |
| C8-CNR-36190-27HD | 02644684 | 54,0<br>*2.126* | 80,0<br>*3.150* | 70,0<br>*2.756* | 190,0<br>*7.480* | 160,0<br>*6.299* | 36,0<br>*1.417* | 4,2<br>*9.260* | 27 |
| C6-CNL-26105-27HD | 02644672 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 77,0<br>*3.031* | 25,3<br>*0.996* | 1,4<br>*3.090* | 27 |
| C6-CNL-36182-27HD | 02644681 | 63,0<br>*2.480* | 63,0<br>*2.480* | 70,0<br>*2.756* | 182,0<br>*7.165* | – | 36,0<br>*1.417* | 3,3<br>*7.280* | 27 |
| C8-CNL-36190-27HD | 02644685 | 54,0<br>*2.126* | 80,0<br>*3.150* | 70,0<br>*2.756* | 190,0<br>*7.480* | 160,0<br>*6.299* | 36,0<br>*1.417* | 4,2<br>*9.260* | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Coolant nozzle | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| C6... | CHD27 | T20P-7 | L86025-T20P | – | VX27-1 | C05012-T15P | S7616 |
| C8... | CHD27 | T20P-7 | L86025-T20P | CN8 | VX27-1 | C05012-T15P | S7616 |

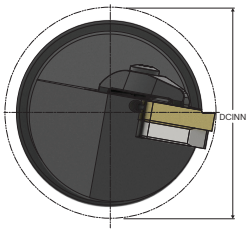
## Accesorii

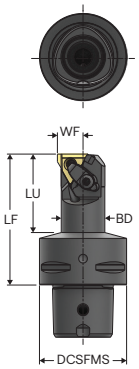
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| C6... | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |
| C8... | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

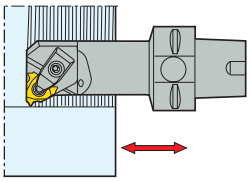
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C4-CNR-14060-16CHD | 02555834 | 20,0<br>*0.787* | 40,0<br>*1.575* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,4<br>*0.880* | 16 |
| C5-CNR-17070-16CHD | 02555836 | 25,0<br>*0.984* | 50,0<br>*1.969* | 29,0<br>*1.142* | 70,0<br>*2.756* | 47,0<br>*1.850* | 16,3<br>*0.642* | 0,6<br>*1.320* | 16 |
| C5-CNR-20090-16CHD | 02555837 | 32,0<br>*1.260* | 50,0<br>*1.969* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 0,8<br>*1.760* | 16 |
| C4-CNL-14060-16CHD | 02555835 | 20,0<br>*0.787* | 40,0<br>*1.575* | 24,0<br>*0.945* | 60,0<br>*2.362* | 36,0<br>*1.417* | 13,8<br>*0.543* | 0,4<br>*0.880* | 16 |
| C5-CNL-17070-16CHD | 02555839 | 25,0<br>*0.984* | 50,0<br>*1.969* | 29,0<br>*1.142* | 70,0<br>*2.756* | 47,0<br>*1.850* | 16,3<br>*0.642* | 0,6<br>*1.320* | 16 |
| C5-CNL-20090-16CHD | 02555840 | 32,0<br>*1.260* | 50,0<br>*1.969* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 0,8<br>*1.760* | 16 |
| C5-CNR-18070-22CHD | 02555841 | 25,0<br>*0.984* | 50,0<br>*1.969* | 30,0<br>*1.181* | 70,0<br>*2.756* | 47,0<br>*1.850* | 17,8<br>*0.701* | 0,6<br>*1.320* | 22 |
| C5-CNL-18070-22CHD | 02555842 | 25,0<br>*0.984* | 50,0<br>*1.969* | 30,0<br>*1.181* | 70,0<br>*2.756* | 47,0<br>*1.850* | 17,8<br>*0.701* | 0,6<br>*1.320* | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..14060/..17070-16CHD | – | T15P-2 | CSP16HD-T15P | – | GX16-1 | CS3507-T09P | – |
| ..18070-22CHD | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | CS4009-T15P | – |
| ..20090-16CHD | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |

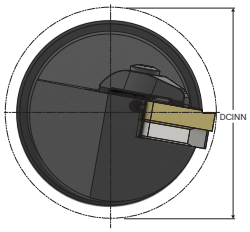
## Accesorii

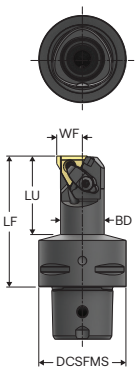
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ..14060/..17070-16CHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ..18070-22CHD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | – |
| ..20090-16CHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |

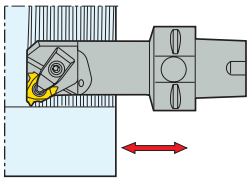
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 163, 165, 166, 167, 168, 169

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CNR-20090-16CHD | 02555843 | 32,0<br>*1.260* | 63,0<br>*2.480* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 1,1<br>*2.430* | 16 |
| C6-CNR-24105-16CHD | 02555844 | 40,0<br>*1.575* | 63,0<br>*2.480* | 44,0<br>*1.732* | 105,0<br>*4.134* | 80,0<br>*3.150* | 23,8<br>*0.937* | 1,5<br>*3.310* | 16 |
| C6-CNL-20090-16CHD | 02555845 | 32,0<br>*1.260* | 63,0<br>*2.480* | 36,0<br>*1.417* | 90,0<br>*3.543* | 68,0<br>*2.677* | 19,8<br>*0.780* | 1,1<br>*2.430* | 16 |
| C6-CNL-24105-16CHD | 02555847 | 40,0<br>*1.575* | 63,0<br>*2.480* | 44,0<br>*1.732* | 105,0<br>*4.134* | 80,0<br>*3.150* | 23,8<br>*0.937* | 1,5<br>*3.310* | 16 |
| C6-CNR-22090-22CHD | 02555848 | 32,0<br>*1.260* | 63,0<br>*2.480* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 1,1<br>*2.430* | 22 |
| C6-CNR-26105-22CHD | 02555849 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 22 |
| C6-CNL-22090-22CHD | 02555850 | 32,0<br>*1.260* | 63,0<br>*2.480* | 38,0<br>*1.496* | 90,0<br>*3.543* | 68,0<br>*2.677* | 21,3<br>*0.839* | 1,1<br>*2.430* | 22 |
| C6-CNL-26105-22CHD | 02555852 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 22 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16CHD | CHD16 | T15P-2 | – | L85020-T15P | GX16-1 | CS3507-T09P | S6912 |
| ...22090-22CHD | – | T15P-2 | CSP22HD-T15P | – | NX22-1 | CS4009-T15P | – |
| ...26105-22CHD | CHD22 | T20P-7L | – | L86025-T20P | NX22-1 | CS4009-T15P | S7616 |

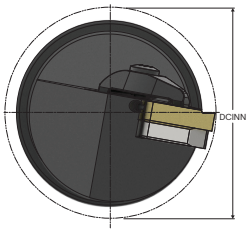
## Accesorii

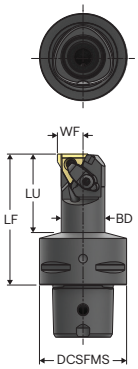
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16CHD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22090-22CHD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...26105-22CHD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |

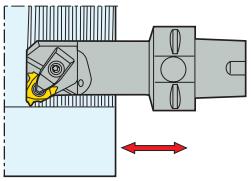
## Seco Capto™ – Suporturi, interior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 132, 133, 134, 138, 139, 156, 158, 160, 162, 163, 165, 166, 167

| Reper Nr. | Număr reper | BD | DCSFMS | DCINN | LF | LU | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CNR-26105-27CHD | 02644674 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 27 |
| C6-CNR-36182-27CHD | 02644686 | 63,0<br>*2.480* | 63,0<br>*2.480* | 70,0<br>*2.756* | 182,0<br>*7.165* | – | 36,0<br>*1.417* | 3,1<br>*6.830* | 27 |
| C6-CNL-26105-27CHD | 02644677 | 40,0<br>*1.575* | 63,0<br>*2.480* | 46,0<br>*1.811* | 105,0<br>*4.134* | 80,0<br>*3.150* | 25,3<br>*0.996* | 1,5<br>*3.310* | 27 |
| C6-CNL-36182-27CHD | 02644687 | 63,0<br>*2.480* | 63,0<br>*2.480* | 70,0<br>*2.756* | 182,0<br>*7.165* | – | 36,0<br>*1.417* | 4,1<br>*9.040* | 27 |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (S) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| C6... | CHD27 | T20P-7 | L86025-T20P | VX27-1 | C05012-T15P | S7616 |

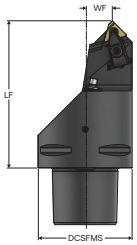
### Accesorii

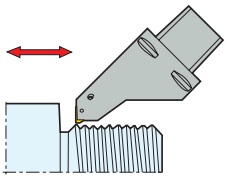
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| C6... | MX27-1 | VX27-98.5 | VX27-2 | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Seco Capto™ - scule pentru MTM

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 164, 166, 167, 168, 169

| Reper Nr. | Număr reper | DCSFMS | LF | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | |
| C6-CER-18100-16HD | 02509302 | 63,0<br>*2.480* | 100,0<br>*3.937* | 18,0<br>*0.709* | 1,6<br>*3.530* | 16 |
| C6-CER-16100-22HD | 02509303 | 63,0<br>*2.480* | 100,0<br>*3.937* | 16,0<br>*0.630* | 1,6<br>*3.530* | 22 |
| C6-CER-12100-27HD | 02509304 | 63,0<br>*2.480* | 100,0<br>*3.937* | 12,0<br>*0.472* | 1,6<br>*3.530* | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Cheie clemă | Șurub clemă | Coolant nozzle | Nicovală (S) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ...16HD | CHD16 | T15P-7 | L85020-T15P | CN8 | GX16-1 | CS3507-T09P | S6912 |
| ...22HD | CHD22 | T20P-7L | L86025-T20P | CN8 | NX22-1 | CS4009-T15P | S7616 |
| ...27HD | CHD27 | T20P-7L | L86025-T20P | CN3 | VX27-1 | C05012-T15P | S7616 |

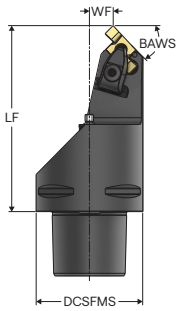
## Accesorii

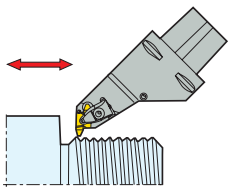
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...16HD | MX16-1 | GX16-0 | – | – | GX16-2 | GX16-3 | GX16-4 | GX16-98 | GX16-99 | – | – | – | T09P-2 |
| ...22HD | MX22-1 | NX22-97.5 | NX22-98 | NX22-99 | NX22-98.5 | NX22-99.5 | NX22-0.5 | NX22-1.5 | NX22-0 | NX22-2 | NX22-3 | NX22-4 | T15P-2 |
| ...27HD | MX27-1 | VX27-98.5 | VX27-2 | – | VX27-99.5 | VX27-0.5 | VX27-1.5 | VX27-98 | VX27-99 | VX27-3 | VX27-4 | VX27-0 | T15P-2 |

## Seco Capto™ - scule pentru MTM

Pentru plăcuţe K, Snap-Tap®





—În figură este arătată versiunea pe stânga
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 157, 159, 161

| Reper Nr. | Număr reper | DCSFMS | LF | WF | Greutate | BAWS° | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | kg<br>*lbs* | | |
| C6-CEL-18110-14 | 02509306 | 63,0<br>*2.480* | 110,0<br>*4.331* | 18,0<br>*0.709* | 1,7<br>*3.750* | 45 | 14.. |
| C6-CEL-14110-20HD | 02509308 | 63,0<br>*2.480* | 110,0<br>*4.331* | 14,0<br>*0.551* | 1,7<br>*3.750* | 45 | 20.. |
| C6-CEL-07110-26HD | 02509309 | 63,0<br>*2.480* | 110,0<br>*4.331* | 7,0<br>*0.276* | 1,7<br>*3.750* | 45 | 26.. |

## Piese de schimb, Piese incluse la livrare

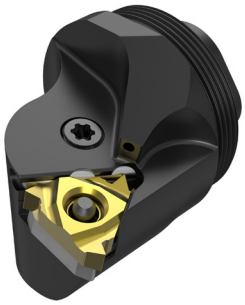
| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Coolant nozzle | Nicovală (K) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| -14 | – | T15P-2 | CSP16-T15P | – | CN8 | KX14-2 | CS3507-T09P | – |
| -20 | CHD22 | T20P-7 | – | L86025-T20P | CN8 | KX20-2 | CS4009-T15P | S7616 |
| -26 | CHD27 | T20P-7 | – | L86025-T20P | CN8 | KX26-2 | C05012-T15P | S7616 |

## Accesorii

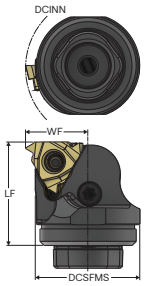
| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| -14 | KX14-0 | KX14-1 | KX14-3 | KX14-4 | KX14-5 | – | T09P-2 |
| -20 | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| -26 | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

## Steadyline®, capete GL, Jetstream Tooling®

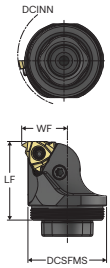
Pentru plăcuţe S, Snap-Tap®

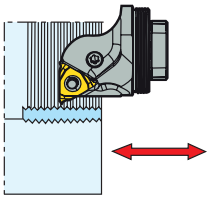


..16AHDJET




..22/32AHDJET



—Versiunea pe dreapta este indicată în figură
—CP = Presiune maximă a lichidului de răcire.
—Pentru gama de plăcuţe, consultaţi paginile 126, 128, 132, 133, 134, 138, 139, 142, 144, 147, 148, 150, 152, 154, 156, 158, 160, 162, 167

| Reper Nr. | Număr reper | DCSFMS | DCINN | LF | WF | CP | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | bar<br>*psi* | kg<br>*lbs* | |
| GL25-PNR-17025-16AHDJET | 03212499 | 25,0<br>*0.984* | 29,0<br>*1.142* | 25,0<br>*0.984* | 16,3<br>*0.642* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |
| GL32-PNR-20032-16AHDJET | 03007255 | 32,0<br>*1.260* | 36,0<br>*1.417* | 32,0<br>*1.260* | 19,8<br>*0.780* | 200,0<br>*2900.8* | 0,2<br>*0.440* | 16 |
| GL40-PNR-24032-16AHDJET | 03007261 | 40,0<br>*1.575* | 44,0<br>*1.732* | 32,0<br>*1.260* | 23,8<br>*0.937* | 200,0<br>*2900.8* | 0,3<br>*0.660* | 16 |
| GL50-PNR-29032-16AHDJET | 03007264 | 50,0<br>*1.969* | 54,0<br>*2.126* | 32,0<br>*1.260* | 28,8<br>*1.134* | 200,0<br>*2900.8* | 0,4<br>*0.880* | 16 |
| GL25-PNL-17025-16AHDJET | 03212502 | 25,0<br>*0.984* | 29,0<br>*1.142* | 25,0<br>*0.984* | 16,3<br>*0.642* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |
| GL32-PNL-20032-16AHDJET | 03007256 | 32,0<br>*1.260* | 36,0<br>*1.417* | 32,0<br>*1.260* | 19,8<br>*0.780* | 200,0<br>*2900.8* | 0,2<br>*0.440* | 16 |
| GL40-PNL-24032-16AHDJET | 03007262 | 40,0<br>*1.575* | 44,0<br>*1.732* | 32,0<br>*1.260* | 23,8<br>*0.937* | 200,0<br>*2900.8* | 0,3<br>*0.660* | 16 |
| GL50-PNL-29032-16AHDJET | 03007265 | 50,0<br>*1.969* | 54,0<br>*2.126* | 32,0<br>*1.260* | 28,8<br>*1.134* | 200,0<br>*2900.8* | 0,5<br>*1.100* | 16 |
| GL32-PNR-22032-22AHDJET | 03007257 | 32,0<br>*1.260* | 38,0<br>*1.496* | 32,0<br>*1.260* | 21,3<br>*0.839* | 200,0<br>*2900.8* | 0,2<br>*0.440* | 22 |
| GL40-PNR-26032-22AHDJET | 03007263 | 40,0<br>*1.575* | 46,0<br>*1.811* | 32,0<br>*1.260* | 25,3<br>*0.996* | 200,0<br>*2900.8* | 0,2<br>*0.440* | 22 |
| GL50-PNR-31032-22AHDJET | 03007266 | 50,0<br>*1.969* | 56,0<br>*2.205* | 32,0<br>*1.260* | 30,3<br>*1.193* | 200,0<br>*2900.8* | 0,4<br>*0.880* | 22 |
| GL32-PNL-22032-22AHDJET | 03007258 | 32,0<br>*1.260* | 38,0<br>*1.496* | 32,0<br>*1.260* | 21,3<br>*0.839* | 200,0<br>*2900.8* | 0,2<br>*0.440* | 22 |
| GL40-PNL-26032-22AHDJET | 03007468 | 40,0<br>*1.575* | 46,0<br>*1.811* | 32,0<br>*1.260* | 25,3<br>*0.996* | 200,0<br>*2900.8* | 0,3<br>*0.660* | 22 |
| GL50-PNL-31032-22AHDJET | 03007267 | 50,0<br>*1.969* | 56,0<br>*2.205* | 32,0<br>*1.260* | 30,3<br>*1.193* | 200,0<br>*2900.8* | 0,5<br>*1.100* | 22 |
| GL40-PNR-27037-27AHDJET | 03007260 | 40,0<br>*1.575* | 48,0<br>*1.890* | 37,0<br>*1.457* | 26,8<br>*1.055* | 200,0<br>*2900.8* | 0,3<br>*0.660* | 27 |
| GL50-PNR-32037-27AHDJET | 03007259 | 50,0<br>*1.969* | 58,0<br>*2.283* | 37,0<br>*1.457* | 31,8<br>*1.252* | 200,0<br>*2900.8* | 0,5<br>*1.100* | 27 |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Şurub levier | Cheie de blocare | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ..16.. | PP3712 | GXA16-1 | LS0612-T15P | T15P-2 | AC4625 |
| ..22A.. | PP4816 | NXA22-1 | LS0815-T25P | T25P-7 | AC5035 |
| ..27A.. | PP6019 | VXA27-1 | LS0820-T25P | T25P-7 | AC6050 |

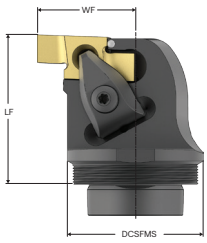
## Accesorii

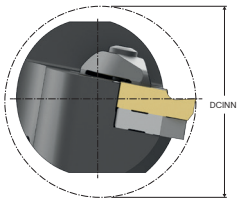
| Pentru portsculă | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |
| ..16.. | MXA16-1 | GXA16-0 | – | – | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | – | – | – |
| ..22A.. | MXA22-1 | NXA22-0 | NXA22-98 | NXA22-97.5 | NXA22-0.5 | NXA22-1.5 | NXA22-2 | NXA22-3 | NXA22-4 | NXA22-99.5 | NXA22-99 | NXA22-98.5 |
| ..27A.. | MXA27-1 | VXA27-0 | VXA27-98 | – | VXA27-0.5 | VXA27-1.5 | VXA27-2 | VXA27-3 | VXA27-4 | VXA27-99.5 | VXA27-99 | VXA27-98.5 |

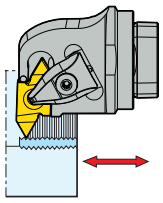
## Steadyline®, capete GL

Pentru plăcuţe K, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—CP = Presiune maximă a lichidului de răcire.
—Pentru gama de plăcuţe, consultaţi paginile 125, 126, 127, 127, 128, 158, 160, 162

| Reper Nr. | Număr reper | DCSFMS | DCINN | LF | WF | CP | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | bar<br>*psi* | kg<br>*lbs* | |
| GL50-CNR-36055-26AHD | 03051391 | 50,0<br>*1.969* | 65,0<br>*2.559* | 55,0<br>*2.165* | 36,0<br>*1.417* | 200,0<br>*2900.8* | 0,6<br>*1.320* | 26 NR.. |

### Piese de schimb, Piese incluse la livrare

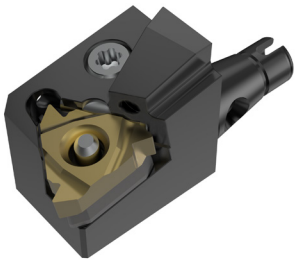
| Pentru portsculă | Arbore cu came | Şurub clemă | Nicovală (K) | Key, clamp | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| GL50... | CHD27 | L86025-T20P | KX26-2 | T20P-2D | C05012-T15P | S7616 |

### Accesorii

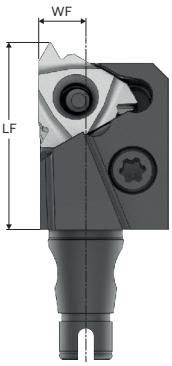
| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| GL50... | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | KX26-2 | T15P-2 |

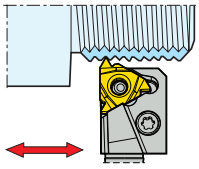
## Quick Change, Jetstream Tooling®, capete QC, extern – Exterior

Pentru plăcuţe S, Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—CP = Presiune maximă a lichidului de răcire.
—Pentru Ghidul tehnic, vezi catalogul Strunjire
—Pentru gama de plăcuţe, consultaţi paginile 125, 127, 129, 130, 135, 136, 141, 143, 145, 146, 149, 151, 153, 155, 157, 159, 161, 163, 169

| Reper Nr. | Număr reper | HF | LF | WF | CP | Greutate | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | bar<br>*psi* | kg<br>*lbs* | |
| QC12-PER-16HDJET | 03280772 | 5,975<br>*0.235* | 25,0<br>*0.984* | 6,0<br>*0.236* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |
| QC16-PER-16HDJET | 03280774 | 7,9<br>*0.311* | 25,0<br>*0.984* | 8,0<br>*0.315* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |
| QC12-PEL-16HDJET | 03280773 | 5,975<br>*0.235* | 25,0<br>*0.984* | 6,0<br>*0.236* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |
| QC16-PEL-16HDJET | 03280775 | 7,9<br>*0.311* | 25,0<br>*0.984* | 8,0<br>*0.315* | 200,0<br>*2900.8* | 0,1<br>*0.220* | 16 |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Levier plăcuţă | Nicovală (S) | Cheie levier | Şurub levier | Pin nicovală |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ..-16 | PP3712 | GXA16-1 | T15P-2 | LS0612-T15P | AC4625 |

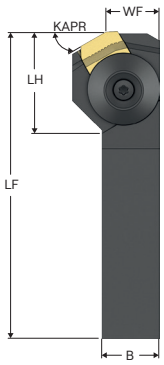
### Accesorii

| Pentru portsculă | Cuplu strângere | Nicovală (M) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Nicovală (S) | Mounting fixture | Cheie dinamometrică |
|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |
| ..-16 | 3.0NM | MXA16-1 | GXA16-0 | GXA16-2 | GXA16-3 | GXA16-4 | GXA16-99 | GXA16-98 | SECO-MF7075-QC | T00-15P30 |

## Suporţi de scule pentru cojit

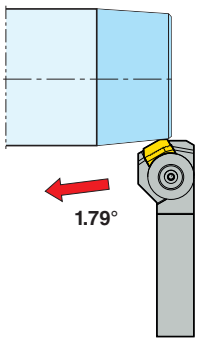
Metric







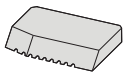





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 124

| Reper Nr. | Număr reper | KAPR° | H | B | LF | HF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | kg | |
| CSXCR3232P25-R30 | 03120990 | 30 | 32,0 | 32,0 | 170,0 | 32,0 | 29,53 | 64,61 | 0,5 | SCNN-R30 |

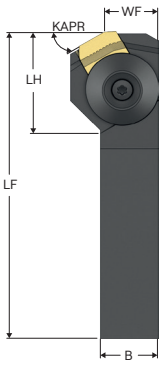
## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Şurub nicovală | Chipbreaker | Cheie plăcuţă | Şurub plăcuţă | Dop | Cheie nicovală |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| CSXCR... | CA4012 | PS2518 | 1/4HEX-T30PX50 | W400820-T30P | JET-P1/8-5MM | SSN250630 |

## Suporţi de scule pentru cojit

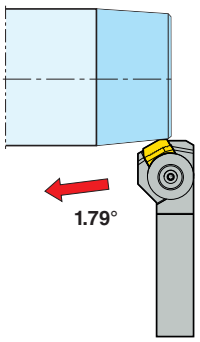
Inci







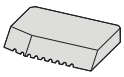





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 124

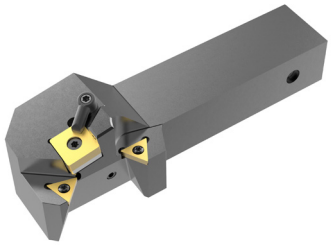
| Reper Nr. | Număr reper | KAPR° | H | B | LF | HF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CSXCR20-8D-R30 | 03120991 | 30 | 1.250 | 1.250 | 6.693 | 1.250 | 1.163 | 2.545 | 3.3 | SCNN-R30 |

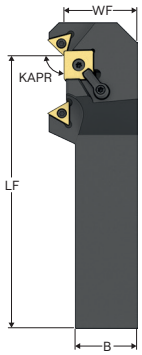
## Piese de schimb, Piese incluse la livrare

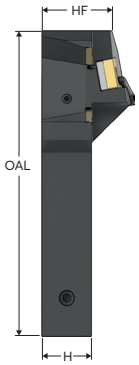
| Pentru portsculă | Şurub nicovală | Chipbreaker | Cheie plăcuţă | Şurub plăcuţă | Dop | Cheie nicovală |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| CSXCR... | CA4012 | PS2518 | 1/4HEX-T30PX50 | W400820-T30P | JET-P1/8-5MM | SSN250630 |

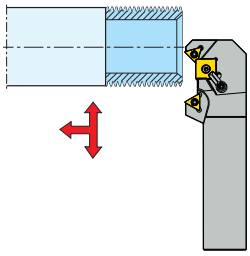
## Port-scule pentru fălţuire ţevi

Metric





—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | KAPR° | H | B | LF | OAL | HF | WF | Greutate | CTWS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | kg | | |
| MSGNR3240R19-TC-45-60 | 03120992 | 90 | 32,0 | 40,0 | 174,0 | 195,6 | 32,0 | 47,0 | 0,7 | SN...1906... TCMT16T3... | SN...1906... TCMT16T3... |

## Piese de schimb, Piese incluse la livrare

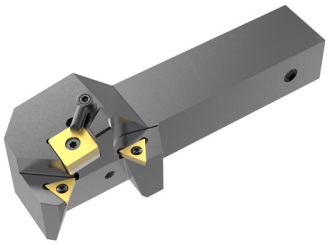
| Pentru portsculă | Arbore cu came | Şurub clemă | Cheie plăcuţă | Şurub plăcuţă | Nicovală | Cheie | Dop | Pin nicovală |
|---|---|---|---|---|---|---|---|---|
| MSGNR... | MC22 | LD6024-T20P | 1/4HEX-T15PX50 | C03508-T15P | SSN190412 | 1/4HEX-T20PX50 | JET-P1/8-5MM | MN1920-T20P |

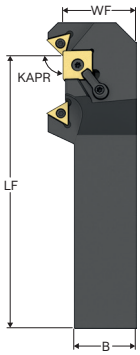
## Accesorii

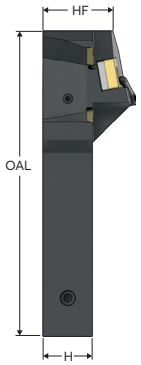
| Pentru portsculă | Suport de bit | Torque value |
|---|---|---|
| MSGNR... | 1/4HEX-S-HANDLE | 3.0NM |

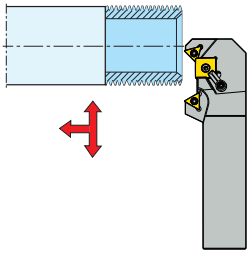
## Port-scule pentru fălţuire ţevi

Inci





—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | KAPR° | H | B | LF | OAL | HF | WF | Greutate | CTWS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | | |
| MSGNR-125-6-TC-45-60 | 03120993 | 90 | 1.250 | 1.500 | 6.850 | 7.701 | 1.260 | 1.850 | 5.1 | SN...1906... TCMT16T3... | SN...1906... TCMT16T3... |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Arbore cu came | Şurub clemă | Cheie plăcuţă | Şurub plăcuţă | Nicovală | Cheie | Dop | Pin nicovală |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| MSGNR... | MC22 | LD6024-T20P | 1/4HEX-T15PX50 | C03508-T15P | SSN190412 | 1/4HEX-T20PX50 | JET-P1/8-5MM | MN1920-T20P |

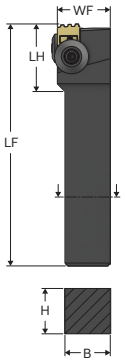
## Accesorii

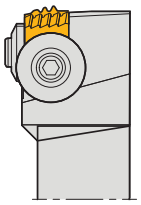
| Pentru portsculă | Suport de bit | Cuplu strângere |
|---|---|---|
| |  |  |
| MSGNR... | 1/4HEX-S-HANDLE | 3.0NM |

## Suporturi pentru chasers, Exterior

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | kg | |
| CER3232P1-X | 03048363 | 32,0 | 32,0 | 170,24 | 37,25 | 47,54 | 1,4 | 15.875 |
| CER3232P5-X | 03048364 | 32,0 | 32,0 | 170,24 | 37,25 | 47,54 | 1,4 | 25.000 |

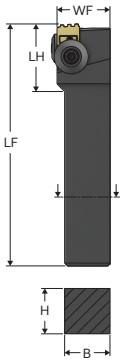
## Piese de schimb, Piese incluse la livrare

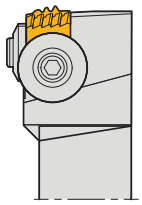
| Pentru portsculă | Clamp kit side | Clamp kit top | Key, side clamp | Key, top clamp |
|---|---|---|---|---|
| |  |  |  |  |
| CER | W200613-T20P | W240618-T25P | T20P-7 | T25P-7 |

## Suporturi pentru chasers, Exterior

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER1256-1-X | 03048365 | 1.250 | 1.250 | 6.702 | 1.467 | 1.872 | 3.3 | 15.875 |
| CER1256-5-X | 03048366 | 1.250 | 1.250 | 6.702 | 1.467 | 1.872 | 3.3 | 25.000 |

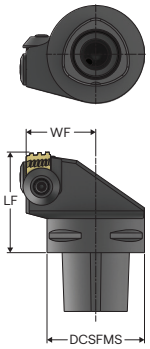
## Piese de schimb, Piese incluse la livrare

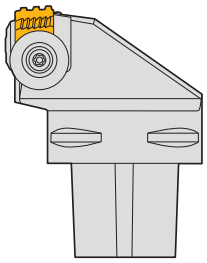
| Pentru portsculă | Clamp kit side | Clamp kit top | Key, side clamp | Key, top clamp |
|---|---|---|---|---|
| |  |  |  |  |
| CER | W200613-T20P | W240618-T25P | T20P-7 | T25P-7 |

## Seco Capto™ – Suporţi pentru chasers, exterior

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | LF | WF | DCSFMS | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm | mm | mm | kg | |
| C6-CER-45065-1-X | 02995827 | 65,0 | 45,0 | 63,0 | 1,4 | 15.875 |
| C8-CER-55080-1-X | 02995821 | 80,0 | 55,0 | 80,0 | 2,7 | 15.875 |
| C6-CER-45065-5-X | 02995828 | 65,0 | 45,0 | 63,0 | 1,4 | 25.000 |
| C8-CER-55080-5-X | 02995822 | 80,0 | 55,0 | 80,0 | 2,8 | 25.000 |

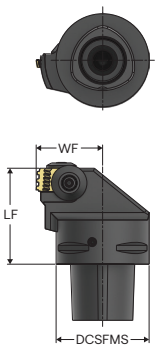
## Piese de schimb, Piese incluse la livrare

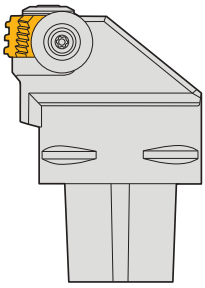
| Pentru portsculă | Clamp kit side | Clamp kit top | Key, side clamp | Key, top clamp |
|---|---|---|---|---|
| |  |  |  |  |
| C6/C8-X | W200613-T20P | W240618-T25P | T20P-7 | T25P-7 |

## Seco Capto™ – Suporţi pentru chasers, interior

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | LF | WF | DCSFMS | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm | mm | mm | kg | |
| C6-CNR-45065-1-X | 02995829 | 65,0 | 45,0 | 63,0 | 1,5 | 15.875 |
| C8-CNR-55080-1-X | 02995823 | 80,0 | 55,0 | 80,0 | 3,0 | 15.875 |
| C8-CNL-55080-1-X | 03118011 | 80,0 | 55,0 | 80,0 | 1,9 | 15.875 |
| C6-CNR-45065-5-X | 02995831 | 65,0 | 45,0 | 63,0 | 1,5 | 25.000 |
| C8-CNR-55080-5-X | 02995825 | 80,0 | 55,0 | 80,0 | 3,0 | 25.000 |
| C8-CNL-55080-5-X | 03118015 | 80,0 | 55,0 | 80,0 | 1,7 | 25.000 |

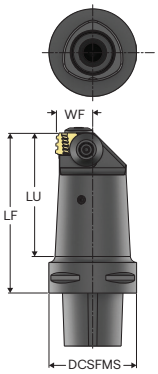
## Piese de schimb, Piese incluse la livrare

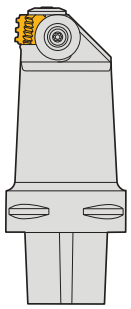
| Pentru portsculă | Clamp kit side | Clamp kit top | Coolant nozzle | Key, side clamp | Key, top clamp |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ...CNL... | W200613-T20P | W240618-T25P | CN6 | T20P-7 | T25P-7 |
| ...CNR... | W200613-T20P | W240618-T25P | CN6 | T20P-7 | T25P-7 |

## Seco Capto™ – Suporţi pentru chasers, interior

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | LF | LU | WF | DCSFMS | Greutate | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | kg | |
| C6-CNR-27115-1-X | 03003765 | 115,0 | 88,0 | 27,0 | 63,0 | 1,9 | 15.875 |
| C6-CNR-27115-5-X | 03010914 | 115,0 | 88,0 | 27,0 | 63,0 | 1,9 | 25.000 |

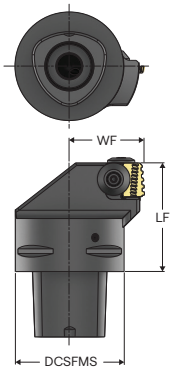
## Piese de schimb, Piese incluse la livrare

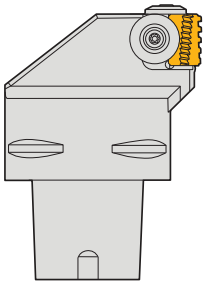
| Pentru portsculă | Clamp kit side | Clamp kit top | Coolant nozzle | Key, side clamp | Key, top clamp |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| C6... | W200613-T20P | W240618-T25P | CN6 | T20P-7 | T25P-7 |

## Seco Capto™ – Suporţi pentru chasers, interior

Snap-Tap®





—În figură este arătată versiunea pe stânga
—Pentru gama de plăcuţe, consultaţi paginile 170

| Reper Nr. | Număr reper | LF | WF | DCSFMS | Greutate | CTWS |
|---|---|---|---|---|---|---|
| | | mm | mm | mm | kg | |
| C6-CNL-45065-1C-X | 02995830 | 65,0 | 45,0 | 63,0 | 1,4 | 15.875 |
| C8-CNL-55080-1C-X | 02995824 | 80,0 | 55,0 | 80,0 | 2,9 | 15.875 |
| C6-CNL-45065-5C-X | 02995832 | 65,0 | 45,0 | 63,0 | 1,3 | 25.000 |
| C8-CNL-55080-5C-X | 02995826 | 80,0 | 55,0 | 80,0 | 0,7 | 25.000 |

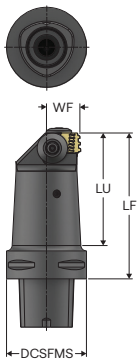
## Piese de schimb, Piese incluse la livrare

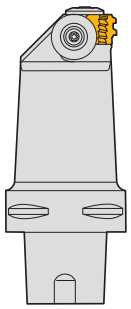
| Pentru portsculă | Clamp kit side | Clamp kit top | Coolant nozzle | Key, side clamp | Key, top clamp |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| C6/C8... | W200613-T20P | W240618-T25P | CN6 | T20P-7 | T25P-7 |

## Seco Capto™ – Suporţi pentru chasers, interior

Snap-Tap®





—În figură este arătată versiunea pe stânga
—Pentru gama de plăcuţe, consultaţi paginile 170

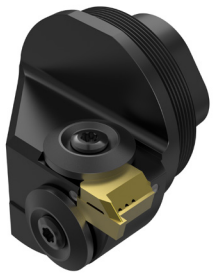
| Reper Nr. | Număr reper | LF | LU | WF | DCSFMS | Greutate | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | kg | |
| C6-CNL-27115-1C-X | 03003766 | 115,0 | 88,0 | 27,0 | 63,0 | 2,0 | 15.875 |
| C6-CNL-27115-5C-X | 03010915 | 115,0 | 88,0 | 27,0 | 63,0 | 1,9 | 25.000 |

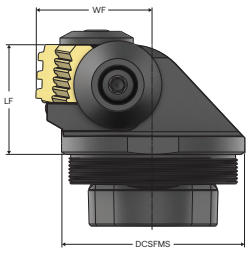
## Piese de schimb, Piese incluse la livrare

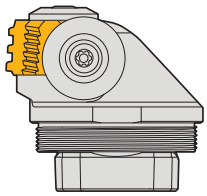
| Pentru portsculă | Clamp kit side | Clamp kit top | Coolant nozzle | Key, side clamp | Key, top clamp |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| C6... | W200613-T20P | W240618-T25P | CN6 | T20P-7 | T25P-7 |

## Steadyline®, capete GL – Suporţi pentru chasers, interior

Snap-Tap®





—CP = Presiune maximă a lichidului de răcire.
—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 170

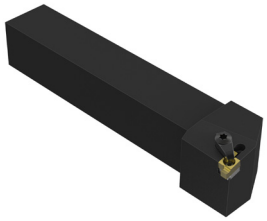
| Reper Nr. | Număr reper | LF | WF | DCSFMS | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | kg | bar | |
| GL50-CNR-32035-9-I | 03011855 | 35,0 | 32,0 | 50,0 | 0,4 | 200,0 | 12.700 |
| GL50-CNR-32038-1-X | 03008525 | 38,0 | 32,0 | 50,0 | 0,5 | 200,0 | 15.875 |
| GL50-CNL-32038-1-X | 03008526 | 38,0 | 32,0 | 50,0 | 0,5 | 200,0 | 15.875 |
| GL50-CNR-32044-5-X | 03008552 | 44,0 | 32,0 | 50,0 | 0,5 | 200,0 | 25.000 |
| GL50-CNL-32044-5-X | 03008553 | 44,0 | 32,0 | 50,0 | 0,4 | 200,0 | 25.000 |

## Piese de schimb, Piese incluse la livrare

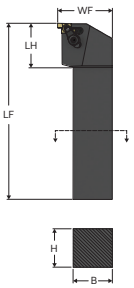
| Pentru portsculă | Clamp kit side | Clamp kit top | Key, clamp | Key, side clamp | Key, top clamp |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ...1-X, ...5-X | W200613-T20P | W240618-T25P | – | T20P-2D | T25P-7 |
| ...9-1 | – | W200613-T20P | T20P-2D | – | – |

## Suporţi pentru plăcuţe canale precizie axiale

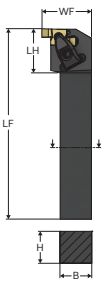
Snap-Tap®

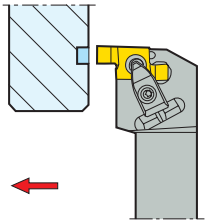


CEAR/L...D




CEAR/L...HD/QHD



—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF 10../14../20.. | WF2 12.. | LH 10../14.. | INPLM 10../14../20.. | INPLM2 12.. | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CEAR2525M10D | 02411447 | 25,0 | 25,0 | 150,0 | 35,35 | 38,35 | 22,0 | 16,0 | 18,0 | 0,8 | 10../ 12.. |
| CEAL2525M10D | 02411448 | 25,0 | 25,0 | 150,0 | 35,35 | 38,35 | 22,0 | 16,0 | 18,0 | 0,8 | 10../ 12.. |
| CEAR2525M14HD | 02627517 | 25,0 | 25,0 | 150,0 | 36,85 | – | 31,0 | 22,0 | – | 0,8 | 14.. |
| CEAL2525M14HD | 02627516 | 25,0 | 25,0 | 150,0 | 36,85 | – | 31,0 | 22,0 | – | 0,9 | 14.. |
| CEAR2525M20QHD | 02528518 | 25,0 | 25,0 | 150,0 | 39,35 | – | 35,0 | 28,0 | – | 0,9 | 20.. |
| CEAL2525M20QHD | 02528519 | 25,0 | 25,0 | 150,0 | 39,35 | – | 35,0 | 28,0 | – | 0,9 | 20.. |

## Piese de schimb, Piese incluse la livrare

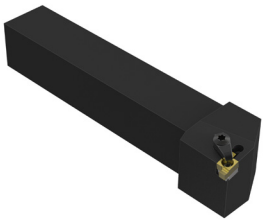
| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Şurub clemă | Nicovală (KL) | Nicovală (KR) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| CEAR..10 | – | T15P-2 | CSP16-T15P | – | – | AKR10 | CS2507-T07P | – |
| CEAL..10 | – | T15P-2 | CSP16-T15P | – | AKL10 | – | CS2507-T07P | – |
| CEAR..14 | CHD16 | T15P-2 | – | L85020-T15P | – | AKR14 | CS3507-T09P | S6912 |
| CEAL..14 | CHD16 | T15P-2 | – | L85020-T15P | AKL14 | – | CS3507-T09P | S6912 |
| CEAR..20 | CHD22 | T20P-7 | – | L86025-T20P | – | AKR20 | CS4009-T15P | S7616 |
| CEAL..20 | CHD22 | T20P-7 | – | L86025-T20P | AKL20 | – | CS4009-T15P | S7616 |

## Accesorii

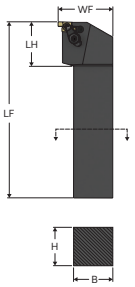
| Pentru portsculă | Nicovală (K) | Cheie nicovală |
|---|---|---|
| |  |  |
| CEAR..10 | KX12-2 | T07P-2 |
| CEAL..10 | KX12-2 | T07P-2 |
| CEAR..14 | – | T09P-2 |
| CEAL..14 | – | T09P-2 |
| CEAR..20 | – | T15P-2 |
| CEAL..20 | – | T15P-2 |

Nicovala KX12-2 pentru plăcuţa 12..

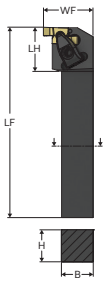
## Suporţi pentru plăcuţe canale precizie axiale
Snap-Tap®

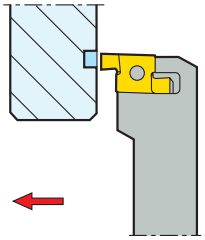


CEAR/L...D




CEAR/L...HD/QHD



—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CEAR1006-10 | 00072625 | 1.000 | 1.000 | 6.000 | 1.392 | 1.110 | 2.0 | 10/12EAR |
| CEAL1006-10 | 00072613 | 1.000 | 1.000 | 6.000 | 1.392 | 1.110 | 2.0 | 10/12EAL |
| CEAR1006-14 | 00072623 | 1.000 | 1.000 | 6.000 | 1.451 | 1.110 | 2.2 | 14EAR |

### Piese de schimb, Piese incluse la livrare

| Pentru mărimea | Cheie clemă | Set clemă | Nicovală (KL) | Nicovală (KR) | Nicovală | Cheie nicovală | Şurub nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| CEAL..-10 | T15P-2 | CSP16-T15P | AKL10 | – | – | – | CS2507-T07P |
| CEAR..-10 | T15P-2 | CSP16-T15P | – | AKR10 | – | – | CS2507-T07P |
| CEAR..-14 | T15P-2 | CSP16-T15P | – | – | AKR14 | T09P-2 | CS3507-T09P |

### Accesorii

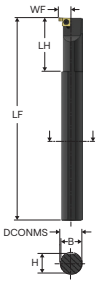
| Pentru mărimea | Nicovală (K) | Cheie nicovală |
|---|---|---|
| |  |  |
| CEAL..-10 | KX12-2 | T07P-2 |
| CEAR..-10 | – | T07P-2 |
| CEAR..-14 | – | – |

## Suporţi pentru plăcuţe canale de precizie

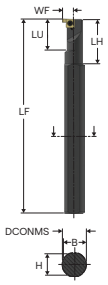
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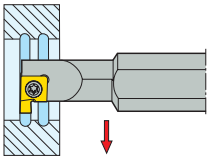


SNR/L..H09




SNR/L



—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | LU | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| SNR0010H9 | 75025330 | 9,5 | 9,5 | 100,0 | – | 7,5 | 20,0 | 10,0 | 14,0 | 0,1 | 9.. |
| SNR0010K9 | 75025332 | 15,5 | 15,5 | 125,0 | 23,0 | 6,5 | 25,0 | 16,0 | 14,0 | 0,2 | 9.. |
| SNR0013L9 | 75025334 | 15,5 | 15,5 | 140,0 | 30,0 | 8,0 | 32,0 | 16,0 | 17,0 | 0,2 | 9.. |
| SNR0016M9 | 75025336 | 15,5 | 15,5 | 150,0 | 38,0 | 9,5 | 40,0 | 16,0 | 20,0 | 0,3 | 9.. |
| SNL0010H9 | 75025331 | 9,5 | 9,5 | 100,0 | – | 7,5 | 20,0 | 10,0 | 14,0 | 0,1 | 9.. |
| SNL0010K9 | 75025333 | 15,5 | 15,5 | 125,0 | 23,0 | 6,5 | 25,0 | 16,0 | 14,0 | 0,2 | 9.. |
| SNL0013L9 | 75025335 | 15,5 | 15,5 | 140,0 | 30,0 | 8,0 | 32,0 | 16,0 | 17,0 | 0,2 | 9.. |
| SNL0016M9 | 75025337 | 15,5 | 15,5 | 150,0 | 38,0 | 9,5 | 40,0 | 16,0 | 20,0 | 0,3 | 9.. |

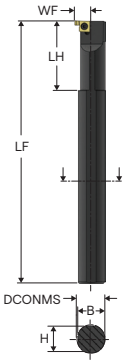
### Piese de schimb, Piese incluse la livrare

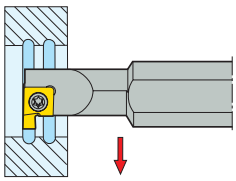
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ..9 | T07P-2 | C02506-T07P |

## Suporţi pentru plăcuţe canale de precizie

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—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| SNR000375-50-9 | 00072560 | 0.625 | 0.654 | 5.000 | 0.266 | 1.000 | 0.375 | 0.4 | 9.. |
| SNR00050-55-9 | 00072586 | 0.441 | 0.470 | 5.500 | 0.319 | 1.250 | 0.500 | 0.4 | 9.. |
| SNR000625-60-9 | 00072588 | 0.566 | 0.587 | 6.000 | 0.378 | 1.500 | 0.625 | 0.7 | 9.. |
| SNL00037540-9 | 00072552 | 0.336 | 0.350 | 4.000 | 0.299 | – | 0.375 | 0.2 | 9.. |
| SNL00037550-9 | 00072595 | 0.336 | 0.350 | 5.000 | 0.259 | 1.000 | 0.375 | 0.4 | 9.. |
| SNR000375-60-9H | 00072562 | 0.441 | 0.350 | 6.000 | 0.299 | – | 0.375 | 0.4 | 9.. |

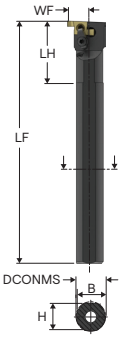
## Piese de schimb, Piese incluse la livrare

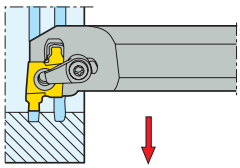
| Pentru mărimea | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| ..-9 | T07P-2 | C02506-T07P |

## Suporţi pentru plăcuţe canale de precizie

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—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—WF (10../14../20../26..) = WF2 (12..)
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | WF2 | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CNR0020P10DA | 02411454 | 18,0 | 19,0 | 170,0 | 13,5 | 16,5 | 26,0 | 20,0 | 26,0 | 29,0 | 0,4 | 10../12.. |
| CNR0025R10DA | 02411459 | 23,0 | 24,0 | 200,0 | 16,0 | 19,0 | 28,0 | 25,0 | 31,0 | 34,0 | 0,6 | 10../12.. |
| CNR0032S10DA | 02411467 | 30,0 | 31,0 | 250,0 | 19,5 | 22,5 | 31,0 | 32,0 | 38,0 | 41,0 | 1,4 | 10../12.. |
| CNL0020P10DA | 02411456 | 18,0 | 19,0 | 170,0 | 13,5 | 16,5 | 26,0 | 20,0 | 26,0 | 29,0 | 0,4 | 10../12.. |
| CNL0025R10DA | 02411464 | 23,0 | 24,0 | 200,0 | 16,0 | 19,0 | 28,0 | 25,0 | 31,0 | 34,0 | 0,6 | 10../12.. |
| CNL0032S10DA | 02411468 | 30,0 | 31,0 | 250,0 | 19,5 | 22,5 | 31,0 | 32,0 | 38,0 | 41,0 | 1,4 | 10../12.. |
| CNR0020P14A | 00040041 | 18,0 | 19,0 | 170,0 | 15,0 | – | 32,0 | 20,0 | 30,0 | – | 0,4 | 14.. |
| CNR0025R14A | 00040042 | 23,0 | 24,0 | 200,0 | 17,5 | – | 45,0 | 25,0 | 34,0 | – | 0,7 | 14.. |
| CNR0032S14A | 00040043 | 30,0 | 31,0 | 250,0 | 21,0 | – | 48,0 | 32,0 | 40,0 | – | 1,4 | 14.. |
| CNR0040T14A | 00040044 | 37,0 | 38,5 | 300,0 | 25,0 | – | 50,0 | 40,0 | 48,0 | – | 2,6 | 14.. |
| CNL0020P14A | 00040045 | 18,0 | 19,0 | 170,0 | 15,0 | – | 32,0 | 20,0 | 30,0 | – | 0,4 | 14.. |
| CNL0025R14A | 00040046 | 23,0 | 24,0 | 200,0 | 17,5 | – | 45,0 | 25,0 | 34,0 | – | 0,7 | 14.. |
| CNL0032S14A | 00040047 | 30,0 | 31,0 | 250,0 | 21,0 | – | 48,0 | 32,0 | 40,0 | – | 1,4 | 14.. |

## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie clemă | Set clemă | Nicovală (K) | Șurub nicovală |
|---|---|---|---|---|
| |  |  |  |  |
| ..10 | T15P-2 | CSP16-T15P | KX10-2 | CS2507-T07P |
| ..14 | T15P-2 | CSP16-T15P | KX14-2 | CS3507-T09P |

## Accesorii

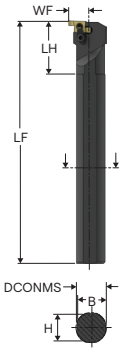
| Pentru portsculă | Nicovală (K) | Cheie nicovală |
|---|---|---|
| |  |  |
| ..10 | KX12-2 | T07P-2 |
| ..14 | – | T09P-2 |

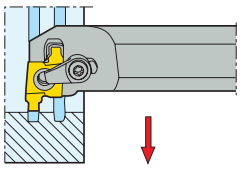
Nicovala KX12-2 pentru plăcuţa 12..

## Suporţi pentru plăcuţe canale de precizie

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—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CNR000757-10 | 00072573 | 0.691 | 0.707 | 7.000 | 0.490 | 1.480 | 0.750 | 0.9 | 10../12.. |
| CNL000757-10 | 00072624 | 0.650 | 0.707 | 7.000 | 0.490 | 1.480 | 0.750 | 0.9 | 10../12.. |
| CNR001008-10 | 00072569 | 0.921 | 0.957 | 8.000 | 0.618 | 2.500 | 1.000 | 1.8 | 10../12.. |
| CNL001008-10 | 00072610 | 0.902 | 0.957 | 8.000 | 0.620 | 1.559 | 1.000 | 1.8 | 10../12.. |
| CNR0012510-10 | 00072563 | 1.150 | 1.209 | 10.000 | 0.750 | 1.772 | 1.250 | 3.3 | 10../12.. |
| CNR0015012-10 | 00072592 | 1.339 | 1.427 | 12.008 | 0.858 | 1.772 | 1.500 | 0.4 | 10../12.. |
| CNR00075010-10-H | 00072583 | 0.691 | 0.730 | 10.000 | 0.490 | 1.480 | 0.750 | 2.2 | 10../12.. |
| CNR000757-14 | 00072571 | 0.691 | 0.707 | 7.000 | 0.570 | 1.693 | 0.750 | 0.9 | 14.. |
| CNR001008-14 | 00072567 | 0.921 | 0.957 | 8.000 | 0.700 | 1.732 | 1.000 | 1.8 | 14.. |
| CNL001008-14 | 00072582 | 1.000 | 0.961 | 8.000 | 0.704 | – | 1.000 | 1.8 | 14.. |
| CNR0012510-14 | 00072561 | 1.150 | 1.209 | 10.000 | 0.831 | 1.969 | 1.250 | 3.3 | 14.. |

## Piese de schimb, Piese incluse la livrare

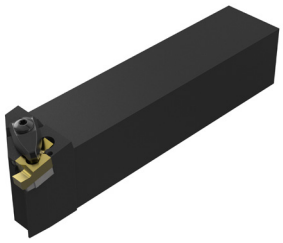
| Pentru mărimea | Cheie clemă | Set clemă | Nicovală (K) | Șurub nicovală |
|---|---|---|---|---|
| |  |  |  |  |
| ..-10 | T15P-2 | CSP16-T15P | KX10-2 | CS2507-T07P |
| ..-10-10-H | T15P-2 | CSP16-T15P | KX10-2 | CS2507-T07P |
| ..-14 | T15P-2 | CSP16-T15P | KX14-2 | CS3507-T09P |

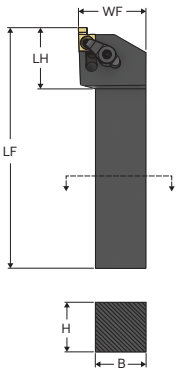
## Accesorii

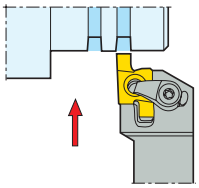
| Pentru mărimea | Nicovală (K) | Cheie nicovală |
|---|---|---|
| |  |  |
| ..-10 | KX12-2 | T07P-2 |
| ..-10-10-H | – | T07P-2 |
| ..-14 | – | – |

## Suporţi pentru plăcuţe canale de precizie

Snap-Tap





—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER0504-10Q | 00072566 | 0.500 | 0.500 | 4.000 | 0.625 | 0.900 | 0.4 | 10../12.. |
| CER0755-10Q | 00072564 | 0.750 | 0.750 | 5.000 | 1.000 | 0.900 | 0.9 | 10../12.. |
| CER1006-10Q | 00072600 | 1.000 | 1.000 | 6.000 | 1.250 | 0.900 | 1.8 | 10../12.. |
| CEL0755-10Q | 00072559 | 0.750 | 0.750 | 5.000 | 1.000 | 0.900 | 1.1 | 10../12.. |
| CEL1006-10Q | 00072596 | 1.000 | 1.000 | 6.000 | 1.250 | 0.900 | 1.8 | 10../12.. |
| CER1006-14Q | 00072634 | 1.000 | 1.000 | 6.000 | 1.250 | 1.100 | 1.8 | 14.. |

## Piese de schimb, Piese incluse la livrare

| Pentru mărimea | Cheie clemă | Set clemă | Nicovală (K) | Șurub nicovală |
|---|---|---|---|---|
| |  |  |  |  |
| ..-10 | T15P-2 | CSP16-T15P | KX10-2 | CS2507-T07P |
| ..-14 | T15P-2 | CSP16-T15P | KX14-2 | CS3507-T09P |

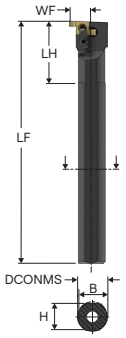
## Accesorii

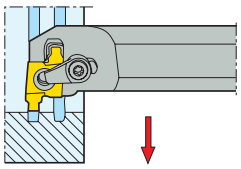
| Pentru mărimea | Nicovală (K) | Cheie nicovală |
|---|---|---|
| |  |  |
| ..-10 | KX12-2 | T07P-2 |
| ..-14 | – | T09P-2 |

## Suporţi pentru plăcuţe canale de precizie

Snap-Tap®





—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—WF (10../14../20../26..) = WF2 (12..)
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | DCONMS | DCINN | DCINN2 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CNR001008-20AHD | 02562823 | 0.902 | 0.957 | 7.992 | 0.705 | 1.969 | 1.000 | 1.400 | – | 1.8 | 20.. |
| CNR0012510-20AHD | 02562824 | 1.150 | 1.209 | 10.000 | 0.945 | 2.165 | 1.250 | 1.700 | 1.400 | 3.3 | 20.. |
| CNR0015012-20AHD | 02562825 | 1.268 | 1.268 | 12.008 | 1.063 | 2.165 | 1.500 | 2.000 | 1.600 | 5.5 | 20.. |
| CNL001008-20AHD | 02562826 | 1.268 | 1.268 | 7.992 | 0.705 | 1.969 | 1.000 | 1.400 | – | 1.5 | 20.. |
| CNL0012510-20AHD | 02562827 | 1.268 | 1.268 | 10.000 | 0.945 | 2.165 | 1.250 | 1.700 | 1.400 | 2.9 | 20.. |
| CNL0015012-20AHD | 02562828 | 1.339 | 1.427 | 12.008 | 1.063 | 2.165 | 1.500 | 2.000 | 1.600 | 5.1 | 20.. |
| CNR0012510-26AHD | 02562830 | 1.150 | 1.209 | 10.000 | 1.063 | 2.323 | 1.250 | 2.000 | 1.600 | 2.9 | 26.. |
| CNR0015012-26AHD | 02562831 | 1.339 | 1.427 | 12.008 | 1.183 | 2.323 | 1.500 | 2.100 | 2.100 | 5.1 | 26.. |
| CNR0017514-26AHD | 02562832 | 1.591 | 1.677 | 13.976 | 1.307 | 2.283 | 1.750 | 2.300 | 1.800 | 8.2 | 26.. |
| CNR0020014-26AHD | 02562833 | 1.843 | 1.933 | 13.976 | 1.433 | 2.283 | 2.000 | 2.500 | 2.000 | 11.5 | 26.. |
| CNR0025016-26AHD | 02562834 | 2.343 | 2.429 | 15.984 | 1.683 | 2.283 | 2.500 | 3.000 | 2.500 | 20.7 | 26.. |
| CNL0012510-26AHD | 02564043 | 1.268 | 1.268 | 10.000 | 1.063 | 2.323 | 1.250 | 2.000 | 1.600 | 3.1 | 26.. |
| CNL0015012-26AHD | 02563555 | 1.268 | 1.268 | 12.008 | 1.177 | 2.323 | 1.500 | 2.100 | 2.100 | 4.9 | 26.. |
| CNL0017514-26AHD | 02563563 | 1.268 | 1.268 | 13.976 | 1.307 | 2.283 | 1.750 | 2.300 | 1.800 | 8.4 | 26.. |
| CNL0025016-26AHD | 02563564 | 1.268 | 1.268 | 15.984 | 1.683 | 2.283 | 2.500 | 3.000 | 2.500 | 20.7 | 26.. |

## Piese de schimb, Piese incluse la livrare

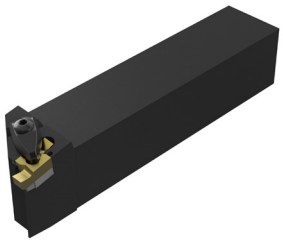
| Pentru portsculă | Arbore cu came | Cheie clemă | Șurub clemă | Nicovală (K) | Plug screw | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..-20 | CHD22 | T20P-7 | L86025-T20P | KX20-2 | P6SS4X4G | CS4009-T15P | S7616 |
| ..-26 | CHD27 | T20P-7 | L86025-T20P | KX26-2 | P6SS4X4G | C05012-T15P | S7616 |

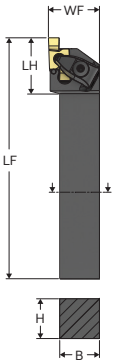
## Accesorii

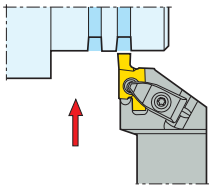
| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..-20 | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| ..-26 | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

## Suporţi pentru plăcuţe canale de precizie

Snap-Tap





—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| CER1006-20QHD | 02529045 | 1.000 | 1.000 | 6.000 | 1.250 | 1.300 | 1.8 | 20.. |
| CER1256-20QHD | 02529057 | 1.250 | 1.250 | 6.000 | 1.500 | 1.417 | 2.7 | 20.. |
| CEL1006-20QHD | 02529053 | 1.000 | 1.000 | 6.000 | 1.250 | 1.300 | 1.8 | 20.. |
| CEL1256-20QHD | 02529061 | 1.250 | 1.250 | 6.000 | 1.500 | 1.300 | 2.9 | 20.. |
| CER1006-26QHD | 02529063 | 1.000 | 1.000 | 6.000 | 1.250 | 1.800 | 2.0 | 26.. |
| CER1256-26QHD | 02529066 | 1.250 | 1.250 | 6.000 | 1.500 | 1.800 | 2.9 | 26.. |
| CER1506-26QHD | 02529069 | 1.500 | 1.500 | 6.000 | 1.750 | 1.800 | 4.0 | 26.. |
| CEL1006-26QHD | 02529064 | 1.000 | 1.000 | 6.000 | 1.250 | 1.800 | 2.2 | 26.. |

## Piese de schimb, Piese incluse la livrare

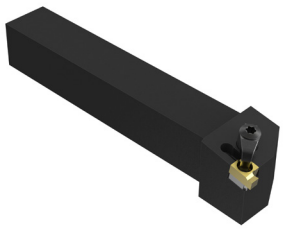
| Pentru mărimea | Arbore cu came | Cheie clemă | Şurub clemă | Nicovală (K) | Şurub nicovală | Arc |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| ..-20Q | CHD22 | T20P-7 | L86025-T20P | KX20-2 | CS4009-T15P | S7616 |
| ..-26Q | CHD27 | T20P-7 | L86025-T20P | KX26-2 | C05012-T15P | S7616 |

## Accesorii

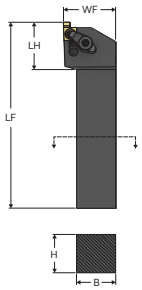
| Pentru mărimea | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..-20Q | KX20-99 | KX20-0 | KX20-1 | KX20-3 | KX20-4 | KX20-5 | T15P-2 |
| ..-26Q | KX26-99 | KX26-0 | KX26-1 | KX26-3 | KX26-4 | KX26-5 | T15P-2 |

## Suporţi pentru plăcuţe canale de precizie

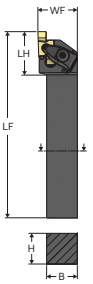
Snap-Tap®



CER/L...D




CER/L...QHD




—Versiunea pe dreapta este indicată în figură
—Pentru programul de plăcuţe, vezi catalogul Strunjire

| Reper Nr. | Număr reper | H | B | LF 10../14.. | LF2 12 | WF | LH 10../14.. | LH2 12 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | kg | |
| CER1212M10D | 02435850 | 12,0 | 12,0 | 150,0 | 153,0 | 16,0 | 21,5 | 24,5 | 0,2 | 10../ 12.. |
| CER1616H10D | 02411427 | 16,0 | 16,0 | 100,0 | 103,0 | 16,0 | 21,5 | 24,5 | 0,3 | 10../ 12.. |
| CER2020K10D | 02411428 | 20,0 | 20,0 | 125,0 | 128,0 | 25,0 | 21,5 | 24,5 | 0,4 | 10../ 12.. |
| CER2525M10D | 02411430 | 25,0 | 25,0 | 150,0 | 153,0 | 32,0 | 21,5 | 24,5 | 0,8 | 10../ 12.. |
| CER3225P10D | 02411432 | 32,0 | 25,0 | 170,0 | 173,0 | 32,0 | 22,5 | 25,5 | 1,1 | 10../ 12.. |
| CEL1212M10D | 02435852 | 12,0 | 12,0 | 150,0 | 153,0 | 16,0 | 21,5 | 24,5 | 0,2 | 10../ 12.. |
| CEL1616H10D | 02411436 | 16,0 | 16,0 | 100,0 | 103,0 | 16,0 | 21,5 | 24,5 | 0,3 | 10../ 12.. |
| CEL2020K10D | 02411437 | 20,0 | 20,0 | 125,0 | 128,0 | 25,0 | 21,5 | 24,5 | 0,4 | 10../ 12.. |
| CEL2525M10D | 02411438 | 25,0 | 25,0 | 150,0 | 153,0 | 32,0 | 21,5 | 24,5 | 0,8 | 10../ 12.. |
| CEL3225P10D | 02411440 | 32,0 | 25,0 | 170,0 | 173,0 | 32,0 | 22,5 | 25,5 | 1,1 | 10../ 12.. |
| CER2525M14QHD | 02538606 | 25,0 | 25,0 | 150,0 | – | 32,0 | 26,0 | – | 0,8 | 14.. |
| CER3225P14QHD | 02627519 | 32,0 | 25,0 | 170,0 | – | 32,0 | 26,0 | – | 1,1 | 14.. |
| CER3232P14QHD | 02627520 | 32,0 | 32,0 | 170,0 | – | 32,0 | 26,0 | – | 1,4 | 14.. |
| CEL2525M14QHD | 02627518 | 25,0 | 25,0 | 150,0 | – | 32,0 | 26,0 | – | 0,8 | 14.. |

## Piese de schimb, Piese incluse la livrare

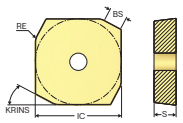
| Pentru portsculă | Arbore cu came | Cheie clemă | Set clemă | Șurub clemă | Nicovală (K) | Șurub nicovală | Arc |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..10 | – | T15P-2 | CSP16-T15P | – | KX10-2 | CS2507-T07P | – |
| ..14 | CHD16 | T15P-2 | – | L85020-T15P | KX14-2 | CS3507-T09P | S6912 |

## Accesorii

| Pentru portsculă | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Nicovală (K) | Cheie nicovală |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| ..10 | KX12-2 | – | – | – | – | – | T07P-2 |
| ..14 | – | KX14-0 | KX14-1 | KX14-3 | KX14-4 | KX14-5 | T09P-2 |

Nicovala KX12-2 pentru plăcuţa 12..

## SCNN for peeling

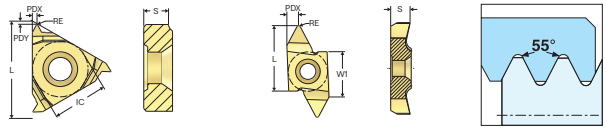



| | | | | | | | Calităţi |
|---|---|---|---|---|---|---|---|
| **Reper Nr.** | **Notă** | **RE** | **BS** | **IC** | **S** | **KRINS°** | **Acoperită** |
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | TP250T |
| SCNN250640-R25 | * | 4,0<br>*0.157* | 6,2<br>*0.244* | 25,0<br>*0.984* | 6,35<br>*0.250* | 23 | ■ |
| SCNN250640-R30 | | 4,0<br>*0.157* | 6,6<br>*0.260* | 25,0<br>*0.984* | 6,35<br>*0.250* | 28 | ■ |

* R25 pentru utilizare numai în buzunare de 25 de grade - nu 30 de grade - R30
■ Stoc standard.

## Profil parţial 55° - Filetare externă

Snap-Tap®




16ER.. 16ER..A 16ER..A1 16ER..A2 16V55* 22ER.. 26ER.. 26NR..



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ERA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG55 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ERAG55-A | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG55-A1 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG55-A2 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERG55 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ERG55-A | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERG55-A1 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERG55-A2 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ERN55 | 3,5-5 | 7-5 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 26ERK55 | 5,5-10 | 4.5-2.5 | 0,7<br>*0.028* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26NRK55 | 5,5-10 | 4.5-2.5 | 0,7<br>*0.028* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |
| 16V55 | – | – | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | | | ■ | | |

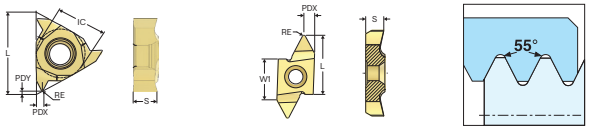
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ELA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ELAG55 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ELG55 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ELN55 | 3,5-5 | 7-5 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

* Conţinutul setului: 3 buc 16ERG55, CP500, 3 buc 16NRG55, CP500, 2 buc 16ERA55, CP500, 2 buc 16NRA55, CP500,

## Profil parţial 55° - Filetare internă

Snap-Tap®




**09NR/11Nx/16Nx/22Nx..** **16NR..A** **16NR..A1** **16NR..A2** **22ER/22NR..** **26ER..**



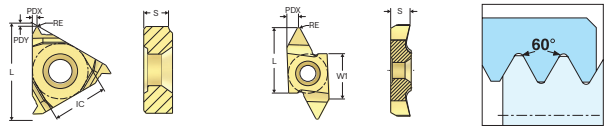
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 09NRA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | –<br>– | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NRA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NRA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NRAG55 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16NRAG55-A | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRAG55-A1 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRAG55-A2 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRG55 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16NRG55-A | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRG55-A1 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRG55-A2 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NRN55 | 3,5-5 | 7-5 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 26ERK55 | 5,5-10 | 4.5-2.5 | 0,7<br>*0.028* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 11NLA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NLA55 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NLAG55 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NLG55 | 1,75-3 | 14-8 | 0,2<br>*0.008* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NLN55 | 3,5-5 | 7-5 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

## Profil parţial 60° – Filetare externă

Snap-Tap®




16ER..A | 16ER..A1 | 16ER..A2 | 16Ex/22Ex.. | 16V60* | 26ER | 26NR



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ERA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ERA60-A | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ERA60-A1 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERA60-A2 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG60-A | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ERAG60-A1 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG60-A2 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERAG60 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ERG60 | 1,75-3 | 14-8 | 0,18<br>*0.007* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ERG60-A | 1,75-3 | 14-8 | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ERG60-A1 | 1,75-3 | 14-8 | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ERG60-A2 | 1,75-3 | 14-8 | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ERN60 | 3,5-5 | 7-5 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | ■ | ■ | | ■ |
| 26ERK60 | 5,5-10 | 4.5-2.5 | 0,4<br>*0.016* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26NRK60 | 5,5-10 | 4.5-2.5 | 0,4<br>*0.016* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 16V60 | – | – | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | –<br>– | | | ■ | | |

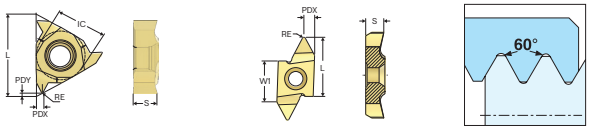
■ Stoc standard.

* Conţinutul setului: 3 buc 16ERG60, CP500, 3 buc 16NRG60, CP500, 2 buc 16ERA60, CP500, 2 buc 16NRA60, CP500,

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ELA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,6<br>*0.024* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ELAG60 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ELG60 | 1,75-3 | 8-14 | 0,18<br>*0.007* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ELN60 | 3,5-5 | 5-7 | 0,4<br>*0.016* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

## Profil parţial 60° – Filetare internă

Snap-Tap®





11NR/16NR..A


11NR/16NR..A1


11NR/16NR..A2


26ER


26NR

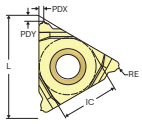

NR*-60

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 09NRA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | –<br>– | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NRA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NRA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 11NRA60-A | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 11NRA60-A1 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NRA60-A2 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NRAG60 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NRAG60-A | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NRAG60-A1 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRAG60-A2 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRG60 | 1,75-3 | 14-8 | 0,12<br>*0.005* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NRG60-A | 1,75-3 | 14-8 | 0,12<br>*0.005* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NRG60-A1 | 1,75-3 | 14-8 | 0,12<br>*0.005* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NRG60-A2 | 1,75-3 | 14-8 | 0,12<br>*0.005* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NRN60 | 3,5-5 | 7-5 | 0,25<br>*0.010* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | ■ | ■ | | ■ |
| 26NRK60 | 5,5-10 | 4.5-2.5 | 0,4<br>*0.016* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26ERK60 | 5,5-10 | 4.5-2.5 | 0,4<br>*0.016* | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 11NLA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | –<br>– | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NLA60 | 0,5-1,5 | 48-16 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NLAG60 | 0,5-3 | 48-8 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NLG60 | 1,75-3 | 14-8 | 0,12<br>*0.005* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NLN60 | 3,5-5 | 7-5 | 0,25<br>*0.010* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

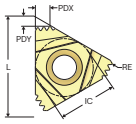
## Metric ISO – Filetare externă

Profil întreg – Snap-Tap®



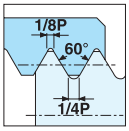













ISO965/1 - 1980
3h/4h

16ER/22ER/27ER..M



16ER..A



16ER..A1



16ER..A2



16ER..TT



16Ex/22Ex/27ER



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER0.5ISO | 0,5 | – | 0,06<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER0.7ISO | 0,7 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER0.75ISO | 0,75 | – | 0,11<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER0.8ISO | 0,8 | – | 0,11<br>*0.004* | 0,8<br>*0.031* | 0,6<br>*0.024* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.0ISO | 1 | – | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER1.0ISO-A | 1 | – | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER1.0ISO-A1 | 1 | – | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.0ISO-A2 | 1 | – | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.0ISO-TT | 1 | – | 0,14<br>*0.006* | 1,3<br>*0.051* | 1,3<br>*0.051* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.0ISO3M | 1 | – | 0,14<br>*0.006* | 1,5<br>*0.059* | 2,4<br>*0.094* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.25ISO | 1,25 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER1.25ISO-A | 1,25 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER1.25ISO-A1 | 1,25 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.25ISO-A2 | 1,25 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.5ISO | 1,5 | – | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER1.5ISO-A | 1,5 | – | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER1.5ISO-A1 | 1,5 | – | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.5ISO-A2 | 1,5 | – | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.5ISO-TT | 1,5 | – | 0,22<br>*0.009* | 1,3<br>*0.051* | 1,8<br>*0.071* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.5ISO2M | 1,5 | – | 0,22<br>*0.009* | 1,5<br>*0.059* | 2,2<br>*0.087* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER1.5ISO3M | 1,5 | – | 0,22<br>*0.009* | 2,3<br>*0.091* | 3,6<br>*0.142* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER1.75ISO | 1,75 | – | 0,25<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER1.75ISO-A | 1,75 | – | 0,25<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER1.75ISO-A1 | 1,75 | – | 0,25<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER1.75ISO-A2 | 1,75 | – | 0,25<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER2.0ISO | 2 | – | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER2.0ISO-A | 2 | – | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER2.0ISO-A1 | 2 | – | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER2.0ISO-A2 | 2 | – | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER2.0ISO-TT | 2 | – | 0,29<br>*0.011* | 1,6<br>*0.063* | 2,4<br>*0.094* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER2.0ISO2M | 2 | – | 0,29<br>*0.011* | 2,0<br>*0.079* | 2,9<br>*0.114* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER2.0ISO3M | 2 | – | 0,29<br>*0.011* | 3,0<br>*0.118* | 4,8<br>*0.189* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER2.5ISO | 2,5 | – | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER2.5ISO-A | 2,5 | – | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER2.5ISO-A1 | 2,5 | – | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER2.5ISO-A2 | 2,5 | – | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER3.0ISO | 3 | – | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER3.0ISO-A | 3 | – | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER3.0ISO-A1 | 3 | – | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER3.0ISO-A2 | 3 | – | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 27ER3.0ISO2M | 3 | – | 0,42<br>*0.017* | 2,8<br>*0.110* | 4,3<br>*0.169* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22ER3.5ISO | 3,5 | – | 0,47<br>*0.019* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | ■ | ■ | | ■ |
| 22ER4.0ISO | 4 | – | 0,53<br>*0.021* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | ■ | ■ | | ■ |
| 22ER4.5ISO | 4,5 | – | 0,59<br>*0.023* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22ER5.0ISO | 5 | – | 0,66<br>*0.026* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | | ■ | | ■ |
| 27ER5.5ISO | 5,5 | – | 0,72<br>*0.028* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27ER6.0ISO | 6 | – | 0,79<br>*0.031* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | ■ | | |

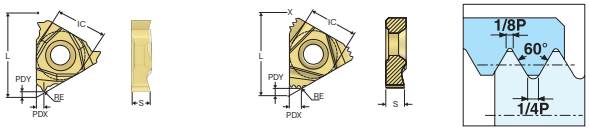
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL0.5ISO | 0,5 | – | 0,06<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL0.75ISO | 0,75 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL0.8ISO | 0,8 | – | 0,11<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL1.0ISO | 1 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL1.25ISO | 1,25 | – | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL1.5ISO | 1,5 | – | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | ■ | ■ | | |
| 16EL1.75ISO | 1,75 | – | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL2.0ISO | 2 | – | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL2.5ISO | 2,5 | – | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL3.0ISO | 3 | – | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22EL3.5ISO | 3,5 | – | 0,47<br>*0.019* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL4.0ISO | 4 | – | 0,53<br>*0.021* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL4.5ISO | 4,5 | – | 0,59<br>*0.023* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL5.0ISO | 5 | – | 0,66<br>*0.026* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

## Metric ISO – Filetare internă

Profil întreg – Snap-Tap®




ISO965/1 - 1980
3h/4h

**09NR/11Nx/16Nx/22Nx/27NR**



**11NR/16NR..A**



**11NR/16NR..A1**



**11NR/16NR..A2**



**16NR/22NR..M**



**16NR..TT**



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 09NR0.5ISO | 0,5 | – | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,6<br>*0.024* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR0.5ISO | 0,5 | – | 0,03<br>*0.001* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR0.5ISO | 0,5 | – | 0,03<br>*0.001* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 11NR0.75ISO | 0,75 | – | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR0.75ISO | 0,75 | – | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 09NR0.8ISO | 0,8 | – | 0,07<br>*0.003* | 0,7<br>*0.028* | 0,6<br>*0.024* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 09NR1.0ISO | 1 | – | 0,07<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR1.0ISO | 1 | – | 0,08<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NR1.0ISO | 1 | – | 0,08<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 11NR1.0ISO-A | 1 | – | 0,08<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 16NR1.0ISO-A | 1 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 11NR1.0ISO-A1 | 1 | – | 0,08<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR1.0ISO-A1 | 1 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR1.0ISO-A2 | 1 | – | 0,08<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR1.0ISO-A2 | 1 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR1.0ISO-TT | 1 | – | 0,09<br>*0.004* | 1,3<br>*0.051* | 1,2<br>*0.047* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR1.0ISO3M | 1 | – | 0,08<br>*0.003* | 1,5<br>*0.059* | 2,4<br>*0.094* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 09NR1.25ISO | 1,25 | – | 0,11<br>*0.004* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR1.25ISO | 1,25 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR1.25ISO | 1,25 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 09NR1.5ISO | 1,5 | – | 0,12<br>*0.005* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR1.5ISO | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NR1.5ISO | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 11NR1.5ISO-A | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 16NR1.5ISO-A | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 11NR1.5ISO-A1 | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR1.5ISO-A1 | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR1.5ISO-A2 | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR1.5ISO-A2 | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR1.5ISO-TT | 1,5 | – | 0,12<br>*0.005* | 1,3<br>*0.051* | 1,8<br>*0.071* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR1.5ISO2M | 1,5 | – | 0,12<br>*0.005* | 1,4<br>*0.055* | 2,1<br>*0.083* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR1.5ISO3M | 1,5 | – | 0,12<br>*0.005* | 2,3<br>*0.091* | 3,6<br>*0.142* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 09NR1.75ISO | 1,75 | – | 0,12<br>*0.005* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR1.75ISO | 1,75 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR1.75ISO | 1,75 | – | 0,12<br>*0.005* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 09NR2.0ISO | 2 | – | 0,17<br>*0.007* | 0,7<br>*0.028* | 0,9<br>*0.035* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR2.0ISO | 2 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NR2.0ISO | 2 | – | 0,17<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 11NR2.0ISO-A | 2 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 16NR2.0ISO-A | 2 | – | 0,16<br>*0.006* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 11NR2.0ISO-A1 | 2 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR2.0ISO-A1 | 2 | – | 0,16<br>*0.006* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR2.0ISO-A2 | 2 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR2.0ISO-A2 | 2 | – | 0,16<br>*0.006* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR2.0ISO-TT | 2 | – | 0,18<br>*0.007* | 1,6<br>*0.063* | 2,4<br>*0.094* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR2.0ISO2M | 2 | – | 0,17<br>*0.007* | 2,0<br>*0.079* | 2,9<br>*0.114* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NR2.0ISO3M | 2 | – | 0,17<br>*0.007* | 3,0<br>*0.118* | 4,8<br>*0.189* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NR2.5ISO | 2,5 | – | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NR2.5ISO-A | 2,5 | – | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR2.5ISO-A1 | 2,5 | – | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR2.5ISO-A2 | 2,5 | – | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR2.5ISO | 2,5 | – | 0,18<br>*0.007* | 0,77<br>*0.030* | 1,05<br>*0.041* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR3.0ISO | 3 | – | 0,21<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NR3.0ISO-A | 3 | – | 0,21<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR3.0ISO-A1 | 3 | – | 0,21<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR3.0ISO-A2 | 3 | – | 0,21<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 27NR3.0ISO2M | 3 | – | 0,21<br>*0.008* | 2,8<br>*0.110* | 4,3<br>*0.169* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22NR3.5ISO | 3,5 | – | 0,25<br>*0.010* | 1,9<br>*0.075* | 2,3<br>*0.091* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | | ■ | | ■ |
| 22NR4.0ISO | 4 | – | 0,28<br>*0.011* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | ■ | ■ | | ■ |

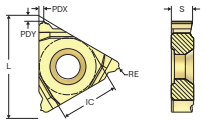
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NR4.5ISO | 4,5 | – | 0,32<br>*0.013* | 2,1<br>*0.083* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22NR5.0ISO | 5 | – | 0,35<br>*0.014* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | ■ | | ■ | | ■ |
| 27NR5.5ISO | 5,5 | – | 0,38<br>*0.015* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27NR6.0ISO | 6 | – | 0,42<br>*0.017* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | ■ | | |

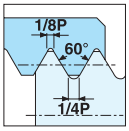
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 11NL0.5ISO | 0,5 | – | 0,03<br>*0.001* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NL0.75ISO | 0,75 | – | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NL1.0ISO | 1 | – | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NL1.25ISO | 1,25 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NL1.5ISO | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NL2.0ISO | 2 | – | 0,17<br>*0.007* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | | | |
| 11NL2.5ISO | 2,5 | – | 0,18<br>*0.007* | 0,77<br>*0.030* | 1,05<br>*0.041* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | | | |
| 16NL0.5ISO | 0,5 | – | 0,03<br>*0.001* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL0.75ISO | 0,75 | – | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL1.0ISO | 1 | – | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16NL1.25ISO | 1,25 | – | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL1.5ISO | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16NL1.75ISO | 1,75 | – | 0,12<br>*0.005* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL2.0ISO | 2 | – | 0,17<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL2.5ISO | 2,5 | – | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL3.0ISO | 3 | – | 0,21<br>*0.008* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NL3.5ISO | 3,5 | – | 0,25<br>*0.010* | 1,9<br>*0.075* | 2,3<br>*0.091* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL4.0ISO | 4 | – | 0,28<br>*0.011* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL4.5ISO | 4,5 | – | 0,32<br>*0.013* | 2,1<br>*0.083* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL5.0ISO | 5 | – | 0,35<br>*0.014* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

## UN – Filetare externă

Profil întreg – Snap-Tap®




ANSI B1.1 – 1983
3A

16ER..A 

16ER..A1 

16ER..A2 

16ER..TT 

16ER40UN 

16Ex/22Ex/27ER 

22ER..M 

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27ER4UN | – | 4 | 0,79<br>*0.031* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22ER5UN | – | 5 | 0,6<br>*0.024* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER6UN | – | 6 | 0,52<br>*0.020* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22ER7UN | – | 7 | 0,47<br>*0.019* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 16ER8UN | – | 8 | 0,38<br>*0.015* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | |
| 16ER8UN-A | – | 8 | 0,43<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER8UN-A1 | – | 8 | 0,43<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER8UN-A2 | – | 8 | 0,43<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER9UN | – | 9 | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER10UN | – | 10 | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER11UN | – | 11 | 0,28<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER12UN | – | 12 | 0,26<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER12UN-A | – | 12 | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER12UN-A1 | – | 12 | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER12UN-A2 | – | 12 | 0,29<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER12UN-TT | – | 12 | 0,29<br>*0.011* | 1,7<br>*0.067* | 2,6<br>*0.102* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER12UN2M | – | 12 | 0,26<br>*0.010* | 2,0<br>*0.079* | 3,1<br>*0.122* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER13UN | – | 13 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14UN | – | 14 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER14UN-A | – | 14 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER14UN-A1 | – | 14 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14UN-A2 | – | 14 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER16UN | – | 16 | 0,22<br>*0.009* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER16UN-A | – | 16 | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER16UN-A1 | – | 16 | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER16UN-A2 | – | 16 | 0,22<br>*0.009* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER16UN-TT | – | 16 | 0,21<br>*0.008* | 1,4<br>*0.055* | 1,9<br>*0.075* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER16UN3M | – | 16 | 0,21<br>*0.008* | 2,5<br>*0.098* | 4,0<br>*0.157* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER18UN | – | 18 | 0,18<br>*0.007* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | ■ |
| 16ER18UN-A | – | 18 | 0,18<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER18UN-A1 | – | 18 | 0,18<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER18UN-A2 | – | 18 | 0,18<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER20UN | – | 20 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | ■ |
| 16ER20UN-A | – | 20 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER20UN-A1 | – | 20 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER20UN-A2 | – | 20 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER20UN-TT | – | 20 | 0,16<br>*0.006* | 1,2<br>*0.047* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER24UN | – | 24 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | ■ | ■ | | ■ |
| 16ER28UN | – | 28 | 0,11<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | ■ | ■ | | |
| 16ER32UN | – | 32 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER40UN | – | 40 | 0,08<br>*0.003* | 1,2<br>*0.047* | 0,5<br>*0.020* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

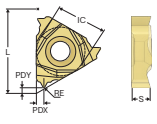
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22EL5UN | – | 5 | 0,6<br>*0.024* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL6UN | – | 6 | 0,52<br>*0.020* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL7UN | – | 7 | 0,47<br>*0.019* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16EL8UN | – | 8 | 0,38<br>*0.015* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL9UN | – | 9 | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL10UN | – | 10 | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL11UN | – | 11 | 0,28<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL12UN | – | 12 | 0,26<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL14UN | – | 14 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL16UN | – | 16 | 0,22<br>*0.009* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL18UN | – | 18 | 0,18<br>*0.007* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL20UN | – | 20 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL24UN | – | 24 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL28UN | – | 28 | 0,11<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

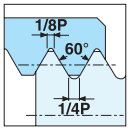
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL32UN | – | 32 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## ONU – Filetare internă

Profil întreg – Snap-Tap®




ANSI B1.1 - 1983
3B

09NR/11Nx/16Nx/22Nx



16NR..A



16NR..A1



16NR..A2



16NR..M



16NR..TT



22NR..M



27NR4UN



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27NR4UN | – | 4 | 0,45 *0.018* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | | | ■ | | |
| 22NR5UN | – | 5 | 0,36 *0.014* | 1,8 *0.071* | 2,5 *0.098* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |
| 22NR6UN | – | 6 | 0,3 *0.012* | 2,2 *0.087* | 2,5 *0.098* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | ■ |
| 22NR7UN | – | 7 | 0,25 *0.010* | 2,0 *0.079* | 2,4 *0.094* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |
| 16NR8UN | – | 8 | 0,25 *0.010* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | ■ | | ■ | ■ | ■ |
| 16NR8UN-A | – | 8 | 0,25 *0.010* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | ■ | |
| 16NR8UN-A1 | – | 8 | 0,25 *0.010* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR8UN-A2 | – | 8 | 0,25 *0.010* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR9UN | – | 9 | 0,19 *0.007* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR10UN | – | 10 | 0,18 *0.007* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | ■ |
| 16NR11UN | – | 11 | 0,16 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | ■ |
| 16NR12UN | – | 12 | 0,15 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | ■ | | ■ | ■ | ■ |
| 16NR12UN-A | – | 12 | 0,15 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | ■ | |
| 16NR12UN-A1 | – | 12 | 0,15 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR12UN-A2 | – | 12 | 0,15 *0.006* | 1,5 *0.059* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR12UN-TT | – | 12 | 0,16 *0.006* | 1,65 *0.065* | 2,45 *0.096* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 22NR12UN2M | – | 12 | 0,15 *0.006* | 2,0 *0.079* | 3,0 *0.118* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |
| 22NR12UN3M | – | 12 | 0,15 *0.006* | 3,0 *0.118* | 5,0 *0.197* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |
| 09NR13UN | – | 13 | 0,15 *0.006* | 0,7 *0.028* | 0,9 *0.035* | 5,56 *0.219* | 9,6 *0.378* | 2,4 *0.094* | | | ■ | | |
| 16NR13UN | – | 13 | 0,15 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 11NR14UN | – | 14 | 0,14 *0.006* | 0,8 *0.031* | 0,9 *0.035* | 6,35 *0.250* | 11,0 *0.433* | 3,0 *0.118* | | | ■ | | |
| 16NR14UN | – | 14 | 0,14 *0.006* | 1,2 *0.047* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | ■ | | ■ | | ■ |
| 16NR14UN-A | – | 14 | 0,14 *0.006* | 1,2 *0.047* | 1,3 *0.051* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | ■ | |
| 16NR14UN-A1 | – | 14 | 0,14 *0.006* | 1,2 *0.047* | 1,3 *0.051* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR14UN-A2 | – | 14 | 0,14 *0.006* | 1,2 *0.047* | 1,3 *0.051* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 11NR16UN | – | 16 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR16UN | – | 16 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NR16UN-A | – | 16 | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR16UN-A1 | – | 16 | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR16UN-A2 | – | 16 | 0,12<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR16UN-TT | – | 16 | 0,13<br>*0.005* | 1,4<br>*0.055* | 1,9<br>*0.075* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR16UN2M | – | 16 | 0,13<br>*0.005* | 1,5<br>*0.059* | 2,3<br>*0.091* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR16UN3M | – | 16 | 0,13<br>*0.005* | 2,4<br>*0.094* | 3,8<br>*0.150* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 09NR18UN | – | 18 | 0,1<br>*0.004* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR18UN | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR18UN | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR18UN-A | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR18UN-A1 | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR18UN-A2 | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 09NR20UN | – | 20 | 0,09<br>*0.004* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR20UN | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR20UN | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16NR20UN-A | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR20UN-A1 | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR20UN-A2 | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR24UN | – | 24 | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR24UN | – | 24 | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 11NR28UN | – | 28 | 0,05<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR28UN | – | 28 | 0,05<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR32UN | – | 32 | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | ■ |
| 16NR32UN | – | 32 | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16NR40UN | – | 40 | 0,04<br>*0.002* | 1,2<br>*0.047* | 0,5<br>*0.020* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

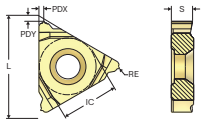
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NL6UN | – | 6 | 0,3<br>*0.012* | 2,2<br>*0.087* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL7UN | – | 7 | 0,25<br>*0.010* | 2,0<br>*0.079* | 2,4<br>*0.094* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NL8UN | – | 8 | 0,25<br>*0.010* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

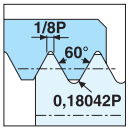
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NL10UN | – | 10 | 0,18<br>*0.007* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL12UN | – | 12 | 0,15<br>*0.006* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL14UN | – | 14 | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL14UN | – | 14 | 0,14<br>*0.006* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 11NL16UN | – | 16 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL16UN | – | 16 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL18UN | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL18UN | – | 18 | 0,1<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL20UN | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL20UN | – | 20 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL24UN | – | 24 | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL24UN | – | 24 | 0,07<br>*0.003* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL28UN | – | 28 | 0,05<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL32UN | – | 32 | 0,04<br>*0.002* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## UNJ – Filetare externă

Profil întreg – Snap-Tap®




BS4084 - 1996
MIL-SPECS - 8879A
3A

16ER14UNJ



16Ex



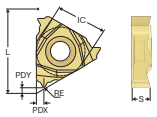
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER8UNJ | – | 8 | 0,5<br>*0.020* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER10UNJ | – | 10 | 0,405<br>*0.016* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER12UNJ | – | 12 | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ER14UNJ | – | 14 | 0,295<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER16UNJ | – | 16 | 0,255<br>*0.010* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ER18UNJ | – | 18 | 0,23<br>*0.009* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER20UNJ | – | 20 | 0,208<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ER24UNJ | – | 24 | 0,175<br>*0.007* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER28UNJ | – | 28 | 0,148<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |
| 16ER32UNJ | – | 32 | 0,13<br>*0.005* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | |

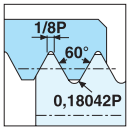
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL12UNJ | – | 12 | 0,34<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |

■ Stoc standard.

## UNJ – Filetare internă

Profil întreg – Snap-Tap®




BS4084 - 1996
MIL-SPECS - 8879A
3A

16Ex

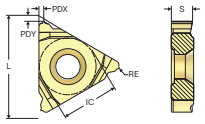


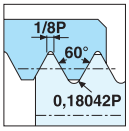
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR8UNJ | – | 8 | 0,22<br>*0.009* | 1,2<br>*0.047* | 1,2<br>*0.047* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR10UNJ | – | 10 | 0,17<br>*0.007* | 1,2<br>*0.047* | 1,0<br>*0.039* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR12UNJ | – | 12 | 0,12<br>*0.005* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR14UNJ | – | 14 | 0,11<br>*0.004* | 1,2<br>*0.047* | 0,7<br>*0.028* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR16UNJ | – | 16 | 0,1<br>*0.004* | 1,2<br>*0.047* | 0,6<br>*0.024* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR18UNJ | – | 18 | 0,09<br>*0.004* | 1,2<br>*0.047* | 0,6<br>*0.024* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR20UNJ | – | 20 | 0,08<br>*0.003* | 1,2<br>*0.047* | 0,5<br>*0.020* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR24UNJ | – | 24 | 0,06<br>*0.002* | 1,2<br>*0.047* | 0,5<br>*0.020* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR28UNJ | – | 28 | 0,04<br>*0.002* | 1,2<br>*0.047* | 0,4<br>*0.016* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR32UNJ | – | 32 | 0,03<br>*0.001* | 1,2<br>*0.047* | 0,4<br>*0.016* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |

■ Stoc standard.

## MJ - Filetare externă

Profil întreg – Snap-Tap®




ISO5855 - 1983
4h/6h

16Ex



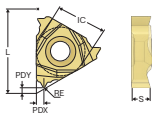
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER1.0MJ | 1 | – | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ER1.25MJ | 1,25 | – | 0,21<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16ER1.5MJ | 1,5 | – | 0,25<br>*0.010* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 16ER2.0MJ | 2 | – | 0,32<br>*0.013* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |

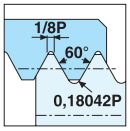
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL1.0MJ | 1 | – | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16EL1.5MJ | 1,5 | – | 0,25<br>*0.010* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |

■ Stoc standard.

## MJ – Filetare internă

Profil întreg – Snap-Tap®




ISO5855 - 1983
4H/5H

16Ex

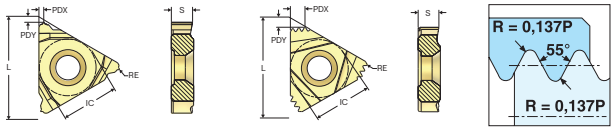


| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR1.0MJ | 1 | – | 0,06<br>*0.002* | 1,2<br>*0.047* | 0,4<br>*0.016* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR1.25MJ | 1,25 | – | 0,08<br>*0.003* | 1,2<br>*0.047* | 0,5<br>*0.020* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR1.5MJ | 1,5 | – | 0,09<br>*0.004* | 1,2<br>*0.047* | 0,6<br>*0.024* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |
| 16NR2.0MJ | 2 | – | 0,12<br>*0.005* | 1,2<br>*0.047* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | | | |

■ Stoc standard.

## Whitworth, BSW - Filetare externă

Profil întreg – Snap-Tap®




BS84 -1956
ISO228 - 1982
BS2779 - 1973

16ER..A



16ER..A1



16ER..A2



16ER..TT



16Ex/22Ex



22ER..M



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22ER5W | – | 5 | 0,63<br>*0.025* | 1,7<br>*0.067* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22ER6W | – | 6 | 0,5<br>*0.020* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER7W | – | 7 | 0,43<br>*0.017* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER8W | – | 8 | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER9W | – | 9 | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER10W | – | 10 | 0,27<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER11W | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER11W-A | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER11W-A1 | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER11W-A2 | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER11W-TT | – | 11 | 0,3<br>*0.012* | 1,8<br>*0.071* | 2,8<br>*0.110* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER11W2M | – | 11 | 0,3<br>*0.012* | 2,3<br>*0.091* | 3,5<br>*0.138* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER12W | – | 12 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER14W | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER14W-A | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER14W-A1 | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14W-A2 | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14W-TT | – | 14 | 0,24<br>*0.009* | 1,5<br>*0.059* | 2,2<br>*0.087* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER16W | – | 16 | 0,2<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER18W | – | 18 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16ER19W-A | – | 19 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16ER19W-A1 | – | 19 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER19W-A2 | – | 19 | 0,16<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER20W | – | 20 | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |

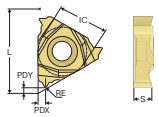
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER28W | – | 28 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |

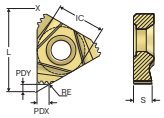
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22EL5W | – | 5 | 0,63<br>*0.025* | 1,7<br>*0.067* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL6W | – | 6 | 0,5<br>*0.020* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL7W | – | 7 | 0,43<br>*0.017* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16EL8W | – | 8 | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL9W | – | 9 | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL10W | – | 10 | 0,27<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL11W | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL12W | – | 12 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL14W | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL16W | – | 16 | 0,2<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL20W | – | 20 | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL28W | – | 28 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

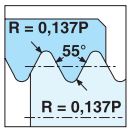
■ Stoc standard.

## Whitworth, BSW - Filetare internă

Profil întreg – Snap-Tap®




BS84 -1956
ISO228 - 1982
BS2779 - 1973

09NR/11Nx/16Nx/22Nx



09Nx19



11NR/16NR..A



11NR/16NR..A1



11NR/16NR..A2



16NR..TT



16NR12..TT



22NR..M



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NR5W | – | 5 | 0,63<br>*0.025* | 1,7<br>*0.067* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22NR6W | – | 6 | 0,5<br>*0.020* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | ■ |
| 22NR7W | – | 7 | 0,43<br>*0.017* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NR8W | – | 8 | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR9W | – | 9 | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR10W | – | 10 | 0,27<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR11W | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 16NR11W-A | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 16NR11W-A1 | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR11W-A2 | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR11W-TT | – | 11 | 0,31<br>*0.012* | 1,8<br>*0.071* | 2,8<br>*0.110* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR11W2M | – | 11 | 0,3<br>*0.012* | 2,3<br>*0.091* | 3,5<br>*0.138* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NR12W | – | 12 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR12W-TT | – | 12 | 0,24<br>*0.009* | 1,7<br>*0.067* | 2,7<br>*0.106* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 09NR14W | – | 14 | 0,24<br>*0.009* | 0,7<br>*0.028* | 0,9<br>*0.035* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR14W | – | 14 | 0,24<br>*0.009* | 0,7<br>*0.028* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NR14W | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | ■ | ■ |
| 11NR14W-A | – | 14 | 0,24<br>*0.009* | 0,7<br>*0.028* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 16NR14W-A | – | 14 | 0,23<br>*0.009* | 1,2<br>*0.047* | 1,1<br>*0.043* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | ■ | |
| 11NR14W-A1 | – | 14 | 0,24<br>*0.009* | 0,7<br>*0.028* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR14W-A1 | – | 14 | 0,23<br>*0.009* | 1,2<br>*0.047* | 1,1<br>*0.043* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR14W-A2 | – | 14 | 0,24<br>*0.009* | 0,7<br>*0.028* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR14W-A2 | – | 14 | 0,23<br>*0.009* | 1,2<br>*0.047* | 1,1<br>*0.043* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR14W-TT | – | 14 | 0,23<br>*0.009* | 1,5<br>*0.059* | 2,2<br>*0.087* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR16W | – | 16 | 0,2<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |

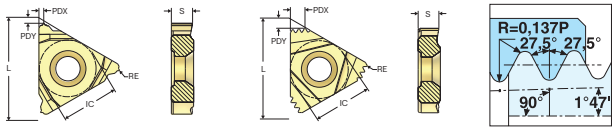
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 09NR19W | – | 19 | 0,15<br>*0.006* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | ■ | | ■ | ■ | ■ |
| 16NR19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | ■ | | ■ | | ■ |
| 11NR19W-A | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | ■ | |
| 11NR19W-A1 | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 11NR19W-A2 | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR20W | – | 20 | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR28W | – | 28 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NL6W | – | 6 | 0,5<br>*0.020* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL7W | – | 7 | 0,43<br>*0.017* | 1,8<br>*0.071* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NL8W | – | 8 | 0,42<br>*0.017* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL9W | – | 9 | 0,31<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL10W | – | 10 | 0,27<br>*0.011* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL11W | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL12W | – | 12 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL14W | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 0,9<br>*0.035* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL14W | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL16W | – | 16 | 0,2<br>*0.008* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NL19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NL19W | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL20W | – | 20 | 0,14<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL28W | – | 28 | 0,09<br>*0.004* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## BSPT – Filetare externă

Profil întreg – Snap-Tap®




ISO228/1 35 21 1959 ISO7/1

**16ER**



**16ER..TT**



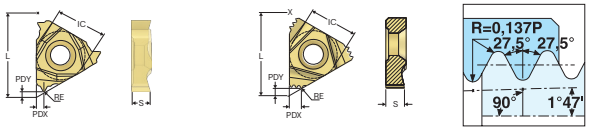
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER11BSPT | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER11BSPT-TT | – | 11 | 0,3<br>*0.012* | 1,8<br>*0.071* | 2,8<br>*0.110* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14BSPT | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14BSPT-TT | – | 14 | 0,24<br>*0.009* | 1,5<br>*0.059* | 2,2<br>*0.087* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER19BSPT | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER28BSPT | – | 28 | 0,08<br>*0.003* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL11BSPT | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL14BSPT | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## BSPT – Filetare internă

Profil întreg – Snap-Tap®




ISO228/1 35 21 1959 ISO7/1

**09NR/16Nx..**



**16NR**



**16NR..TT**



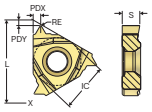
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR11BSPT | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR11BSPT-TT | – | 11 | 0,3<br>*0.012* | 1,8<br>*0.071* | 2,8<br>*0.110* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR14BSPT | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR14BSPT-TT | – | 14 | 0,24<br>*0.009* | 1,5<br>*0.059* | 2,2<br>*0.087* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 09NR19BSPT | – | 19 | 0,15<br>*0.006* | 0,8<br>*0.031* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |

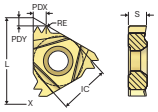
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NL11BSPT | – | 11 | 0,3<br>*0.012* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL14BSPT | – | 14 | 0,24<br>*0.009* | 1,2<br>*0.047* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

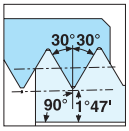
■ Stoc standard.

## NPT – Filetare externă

Profil întreg – Snap-Tap®




ANSI B1.20.1 - 1983

**16ER..A1**



**16ER..A2**



**16Ex..**



**22ER/27ER..M**



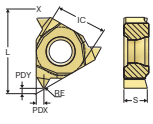
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER8NPT | – | 8 | 0,07<br>*0.003* | 1,1<br>*0.043* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER11.5NPT | – | 11.5 | 0,07<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER11.5NPT-A1 | – | 11.5 | 0,09<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER11.5NPT-A2 | – | 11.5 | 0,09<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER11.5NPT2M | – | 11.5 | 0,07<br>*0.003* | 2,1<br>*0.083* | 3,3<br>*0.130* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER14NPT | – | 14 | 0,07<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER18NPT | – | 18 | 0,06<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16ER27NPT | – | 27 | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

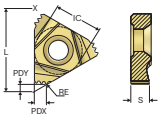
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL8NPT | – | 8 | 0,09<br>*0.004* | 1,1<br>*0.043* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL11.5NPT | – | 11.5 | 0,07<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL14NPT | – | 14 | 0,07<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL18NPT | – | 18 | 0,06<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

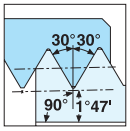
■ Stoc standard.

## NPT – Filetare internă

Profil întreg – Snap-Tap®




ANSI B1.20.1 - 1983

**09NR/11NR/16NR**



**16NR..A1**



**16NR..A2**



**22NR..M**



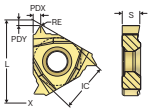
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR8NPT | – | 8 | 0,1<br>*0.004* | 1,1<br>*0.043* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR8NPT-A2 | – | 8 | 0,12<br>*0.005* | 1,1<br>*0.043* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR11.5NPT | – | 11.5 | 0,09<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR11.5NPT-A1 | – | 11.5 | 0,1<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR11.5NPT-A2 | – | 11.5 | 0,1<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR11.5NPT2M | – | 11.5 | 0,05<br>*0.002* | 2,1<br>*0.083* | 3,3<br>*0.130* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 11NR14NPT | – | 14 | 0,07<br>*0.003* | 0,7<br>*0.028* | 1,0<br>*0.039* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 16NR14NPT | – | 14 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | ■ |
| 16NR14NPT-A2 | – | 14 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 09NR18NPT | – | 18 | 0,06<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |
| 11NR18NPT | – | 18 | 0,06<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |
| 09NR27NPT | – | 27 | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 5,56<br>*0.219* | 9,6<br>*0.378* | 2,4<br>*0.094* | | | ■ | | |

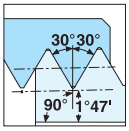
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NL8NPT | – | 8 | 0,1<br>*0.004* | 1,2<br>*0.047* | 1,6<br>*0.063* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 27ER8NPT2M | – | 8 | 0,07<br>*0.003* | 3,0<br>*0.118* | 4,8<br>*0.189* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 16NL11.5NPT | – | 11.5 | 0,09<br>*0.004* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL14NPT | – | 14 | 0,08<br>*0.003* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## NPTF – Filetare externă

Profil întreg – Snap-Tap®




ANSI B1.4 - 1976
ANSI B1.20.3 - 1976

**16ER..11/14**



**16ER..18/27**

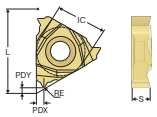


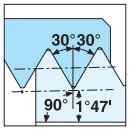
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER11.5NPTF | – | 11.5 | 0,06<br>*0.002* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14NPTF | – | 14 | 0,05<br>*0.002* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER18NPTF | – | 18 | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER27NPTF | – | 27 | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## NPTF – Filetare internă

Profil întreg – Snap-Tap®




ANSI B1.4 - 1976
ANSI B1.20.3 - 1976

**11NR/16Nx**



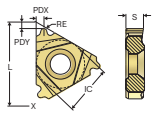
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR11.5NPTF | – | 11.5 | 0,06<br>*0.002* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR14NPTF | – | 14 | 0,05<br>*0.002* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 11NR18NPTF | – | 18 | 0,04<br>*0.002* | 0,7<br>*0.028* | 0,8<br>*0.031* | 6,35<br>*0.250* | 11,0<br>*0.433* | 3,0<br>*0.118* | | | ■ | | |

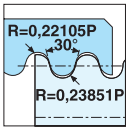
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NL11.5NPTF | – | 11.5 | 0,06<br>*0.002* | 1,1<br>*0.043* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## Rotund DIN405 – Filetare externă

Profil întreg – Snap-Tap®




DIN405 - 1981
7h/6h

**16ER/22Ex/27ER**



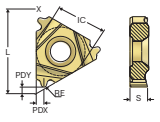
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27ER4RD | – | 4 | 1,46<br>*0.057* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 16ER6RD | – | 6 | 0,97<br>*0.038* | 1,3<br>*0.051* | 1,8<br>*0.071* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER6RD | – | 6 | 0,97<br>*0.038* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER8RD | – | 8 | 0,73<br>*0.029* | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER10RD | – | 10 | 0,58<br>*0.023* | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

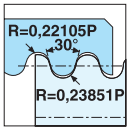
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22EL6RD | – | 6 | 0,97<br>*0.038* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

## Rotund DIN405 – Filetare internă

Profil întreg – Snap-Tap®




DIN405 - 1981
7h/6h

**16NR/22Nx/27NR**



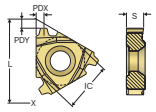
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27NR4RD | – | 4 | 1,31 *0.052* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | | | ■ | | |
| 16NR6RD | – | 6 | 0,87 *0.034* | 1,3 *0.051* | 1,8 *0.071* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 22NR6RD | – | 6 | 0,87 *0.034* | 2,0 *0.079* | 2,5 *0.098* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |
| 16NR8RD | – | 8 | 0,69 *0.027* | 1,3 *0.051* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |
| 16NR10RD | – | 10 | 0,51 *0.020* | 1,3 *0.051* | 1,5 *0.059* | 9,525 *0.375* | 16,5 *0.650* | 3,47 *0.137* | | | ■ | | |

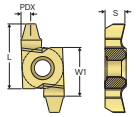
| Plăcuţă Reper Nr. Stânga | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NL6RD | – | 6 | 0,87 *0.034* | 2,0 *0.079* | 2,5 *0.098* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | | ■ | | |

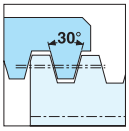
■ Stoc standard.

## TR-DIN103 – Filetare externă

Profil parţial – Snap-Tap®




DIN103 - 1977
ISO2901/3 - 1977
7e

**16Ex/22Ex27ER**



**20ER/26ER**



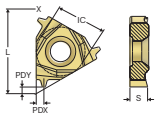
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER1.5TR | 1,5 | – | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER2.0TR | 2 | – | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER3.0TR | 3 | – | 1,3<br>*0.051* | 1,6<br>*0.063* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER4.0TR | 4 | – | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER5.0TR | 5 | – | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | ■ | ■ | | |
| 27ER6.0TR | 6 | – | 2,5<br>*0.098* | 3,2<br>*0.126* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 20ER7.0TR | 7 | – | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 20ER8.0TR | 8 | – | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 26ER9.0TR | 9 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |
| 26ER10.0TR | 10 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26ER12.0TR | 12 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26ER14.0TR | 14 | – | –<br>– | 5,1<br>*0.201* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |

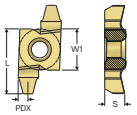
| Plăcuţă Reper Nr. Stânga | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16EL1.5TR | 1,5 | – | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL2.0TR | 2 | – | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL3.0TR | 3 | – | 1,3<br>*0.051* | 1,6<br>*0.063* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22EL4.0TR | 4 | – | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL5.0TR | 5 | – | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

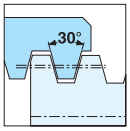
■ Stoc standard.

## TR-DIN103 – Filetare internă

Profil parţial – Snap-Tap®




DIN103 - 1977
ISO2901/3 - 1977
7H

**16Nx/22Nx/27NR**



**20NR/26NR**



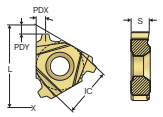
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR1.5TR | 1,5 | – | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR2.0TR | 2 | – | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR3.0TR | 3 | – | 1,3<br>*0.051* | 1,6<br>*0.063* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NR4.0TR | 4 | – | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NR5.0TR | 5 | – | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 27NR6.0TR | 6 | – | 2,5<br>*0.098* | 3,2<br>*0.126* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 20NR7.0TR | 7 | – | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 20NR8.0TR | 8 | – | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 26NR9.0TR | 9 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |
| 26NR10.0TR | 10 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26NR12.0TR | 12 | – | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 26NR14.0TR | 14 | – | –<br>– | 5,1<br>*0.201* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |

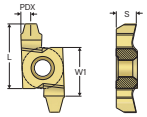
| Plăcuţă Reper Nr. Stânga | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NL1.5TR | 1,5 | – | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL2.0TR | 2 | – | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NL3.0TR | 3 | – | 1,3<br>*0.051* | 1,6<br>*0.063* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22NL4.0TR | 4 | – | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NL5.0TR | 5 | – | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

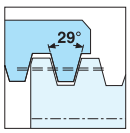
■ Stoc standard.

## ACME - Filetare externă

Profil parţial – Snap-Tap®




ANSI B1.5 - 1988
3G

**16Ex/22Ex/27Ex**



**20ER/26ER**



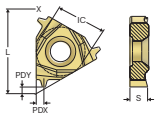
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 26ER2ACME | – | 2 | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | ■ | | |
| 20ER3ACME | – | 3 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 20ER3.5ACME | – | 3.5 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | | ■ | | |
| 27ER4ACME | – | 4 | 2,5<br>*0.098* | 3,0<br>*0.118* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22ER5ACME | – | 5 | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER6ACME | – | 6 | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER8ACME | – | 8 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER10ACME | – | 10 | 1,4<br>*0.055* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER12ACME | – | 12 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14ACME | – | 14 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER16ACME | – | 16 | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

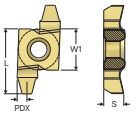
| Plăcuţă Reper Nr. Stânga | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27EL4ACME | – | 4 | 2,5<br>*0.098* | 3,0<br>*0.118* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22EL5ACME | – | 5 | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22EL6ACME | – | 6 | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16EL8ACME | – | 8 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16EL10ACME | – | 10 | 1,4<br>*0.055* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

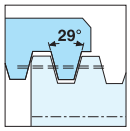
■ Stoc standard.

## ACME – Filetare internă

Profil parţial – Snap-Tap®




ANSI B1.5 - 1988
3G

**16NR**



**16NR/22NR/27NR**



**16NR/22Nx/27NR**



**20NR/26NR**



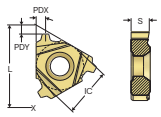
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 26NR2ACME | – | 2 | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | ■ | | | |
| 20NR3ACME | – | 3 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 20NR3.5ACME | – | 3.5 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | ■ | ■ | | |
| 27NR4ACME | – | 4 | 2,5<br>*0.098* | 3,0<br>*0.118* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | ■ | | |
| 22NR5ACME | – | 5 | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NR6ACME | – | 6 | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | ■ | ■ | | |
| 16NR8ACME | – | 8 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR10ACME | – | 10 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR12ACME | – | 12 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR16ACME | – | 16 | 0,9<br>*0.035* | 0,8<br>*0.031* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

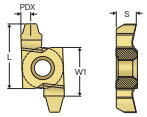
| Plăcuţă Reper Nr. Stânga | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NL5ACME | – | 5 | 2,0<br>*0.079* | 2,3<br>*0.091* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

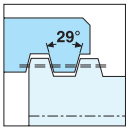
■ Stoc standard.

## Stub-ACME - Filetare externă

Profil parţial – Snap-Tap®




ANSI B1.8 - 1988
2G

**16ER**



**20ER**



**22ER/27ER**



**22ER5**



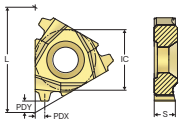
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 26ER2STACME | – | 2 | –<br>– | 5,0<br>*0.197* | –<br>– | 15,875<br>*0.625* | 26,0<br>*1.024* | 7,88<br>*0.310* | | | ■ | | |
| 20ER3STACME | – | 3 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | | ■ | | |
| 27ER4STACME | – | 4 | 2,6<br>*0.102* | 2,8<br>*0.110* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | ■ | | |
| 22ER5STACME | – | 5 | 2,0<br>*0.079* | 2,1<br>*0.083* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22ER6STACME | – | 6 | 2,4<br>*0.094* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16ER8STACME | – | 8 | 1,8<br>*0.071* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | ■ | ■ | | |
| 16ER10STACME | – | 10 | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER12STACME | – | 12 | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16ER14STACME | – | 14 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

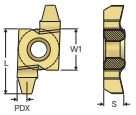
| Plăcuţă Reper Nr. Stânga | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22EL6STACME | – | 6 | 2,4<br>*0.094* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

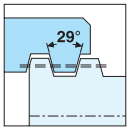
■ Stoc standard.

## Stub-ACME - Filetare internă

Profil parţial – Snap-Tap®




ANSI B1.8 - 1988
2G

**16NR/22NR**



**16NR/22NR/27NR**



**20NR**

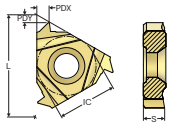


| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | W1 | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 20NR3STACME | – | 3 | –<br>– | 3,2<br>*0.126* | –<br>– | 12,7<br>*0.500* | 20,0<br>*0.787* | 6,3<br>*0.248* | | | ■ | | |
| 27NR4STACME | – | 4 | 2,6<br>*0.102* | 2,8<br>*0.110* | 15,875<br>*0.625* | –<br>– | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | ■ | | |
| 22NR5STACME | – | 5 | 2,0<br>*0.079* | 2,1<br>*0.083* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 22NR6STACME | – | 6 | 2,4<br>*0.094* | 2,5<br>*0.098* | 12,7<br>*0.500* | –<br>– | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 16NR8STACME | – | 8 | 1,8<br>*0.071* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | ■ | ■ | | |
| 16NR10STACME | – | 10 | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR12STACME | – | 12 | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 16NR14STACME | – | 14 | 1,3<br>*0.051* | 1,5<br>*0.059* | 9,525<br>*0.375* | –<br>– | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## AMERICAN BUTTRESS – Filetare externă

Profil parţial – Snap-Tap®




16ER

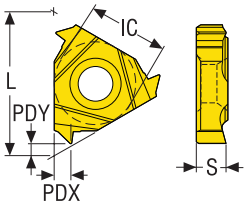


| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER12BUT-S31217 | – | 12 | 2,0<br>*0.079* | 1,3<br>*0.051* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## AMERICAN BUTTRESS – Filetare internă

Profil parţial – Snap-Tap®




16NR

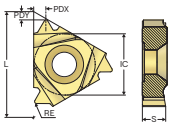


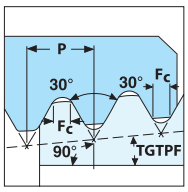
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR12BUT-S31220 | – | 12 | 2,0<br>*0.079* | 1,3<br>*0.051* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## Racord burghiu rotativ API – Filetare externă

Profil întreg – Snap-Tap®




API Spec 7-2 2017

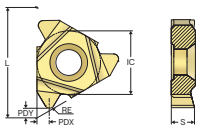
**22ER/27ER**

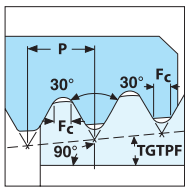


| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27ER4API384 | – | 4 | 0,965 *0.038* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | ■ | | ■ | | |
| 22ER4API386 | – | 4 | 0,965 *0.038* | 1,95 *0.077* | 2,55 *0.100* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | ■ | ■ | | |
| 27ER4API386 | – | 4 | 0,965 *0.038* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | ■ | ■ | ■ | | |
| 27ER4API504 | – | 4 | 0,635 *0.025* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | ■ | ■ | ■ | | |
| 27ER4API506 | – | 4 | 0,635 *0.025* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | ■ | ■ | ■ | | |
| 22ER5API404 | – | 5 | 0,508 *0.020* | 2,0 *0.079* | 2,5 *0.098* | 12,7 *0.500* | 22,0 *0.866* | 4,71 *0.185* | | ■ | ■ | | |
| 27ER5API404 | – | 5 | 0,508 *0.020* | 2,2 *0.087* | 3,2 *0.126* | 15,875 *0.625* | 27,0 *1.063* | 6,15 *0.242* | | ■ | ■ | | |

## Racord burghiu rotativ API – Filetare internă

Profil întreg – Snap-Tap®




API Spec 7-2 2017

**22NR/27NR**

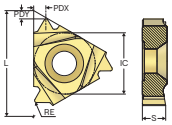


| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NR4API386 | – | 4 | 0,965<br>*0.038* | 1,9<br>*0.075* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | ■ | ■ | | ■ |
| 27NR4API384 | – | 4 | 0,965<br>*0.038* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | ■ | | ■ | | |
| 27NR4API386 | – | 4 | 0,965<br>*0.038* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | ■ | ■ | ■ | | |
| 27NR4API504 | – | 4 | 0,635<br>*0.025* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | ■ | ■ | ■ | | |
| 27NR4API506 | – | 4 | 0,635<br>*0.025* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | ■ | ■ | ■ | | |
| 22NR5API404 | – | 5 | 0,508<br>*0.020* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | ■ | ■ | | |
| 27NR5API404 | – | 5 | 0,508<br>*0.020* | 2,2<br>*0.087* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | | | |

■ Stoc standard.

## Conexiune aplicaţie rotativă – Filet extern

Profil întreg – Snap-Tap®




HEF = Hughes External Flush
904/906 = Hughes H90
H90 = Hughes Slimline H90
PAC = P.A.C.

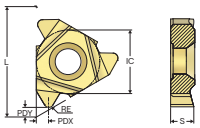
90 | 904/906 | HEF | PAC



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27ER3H90 | – | 3 | –<br>– | 3,5<br>*0.138* | 3,6<br>*0.142* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27ER3.5H904 | – | 3.5 | –<br>– | 2,7<br>*0.106* | 3,5<br>*0.138* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27ER3.5H906 | – | 3.5 | –<br>– | 2,7<br>*0.106* | 3,5<br>*0.138* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22ER4PAC | – | 4 | –<br>– | 2,4<br>*0.094* | 2,63<br>*0.104* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 27ER4PAC | – | 4 | –<br>– | 2,75<br>*0.108* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22ER6HEF | – | 6 | 0,382<br>*0.015* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

## Racord burghiu rotativ - filetare internă

Profil întreg – Snap-Tap®




HEF = Hughes External Flush
904/906 = Hughes H90
H90 = Hughes Slimline H90
PAC = P.A.C.

90 | 904/906 | HEF | PAC

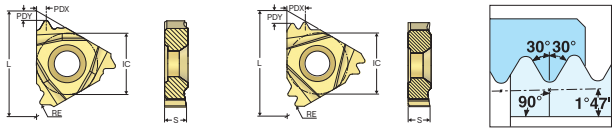


| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 27NR3H90 | – | 3 | –<br>– | 3,5<br>*0.138* | 3,6<br>*0.142* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27NR3.5H904 | – | 3.5 | –<br>– | 2,7<br>*0.106* | 3,5<br>*0.138* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 27NR3.5H906 | – | 3.5 | –<br>– | 2,7<br>*0.106* | 3,5<br>*0.138* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22NR4PAC | – | 4 | –<br>– | 2,4<br>*0.094* | 2,6<br>*0.102* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |
| 27NR4PAC | – | 4 | –<br>– | 2,75<br>*0.108* | 3,2<br>*0.126* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | | ■ | | |
| 22NR6HEF | – | 6 | 0,381<br>*0.015* | 2,0<br>*0.079* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

## API spec. 5B ROUND – Filetare externă

Profil întreg – Snap-Tap®




API spec. 5B – 1988

16ER



22ER



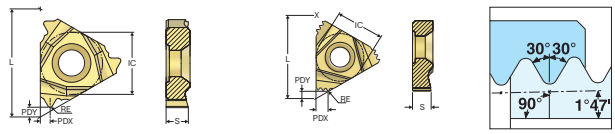
27ER



| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16ER8APIRD | – | 8 | 0,46<br>*0.018* | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 27ER8APIRD2M | – | 8 | 0,46<br>*0.018* | 2,9<br>*0.114* | 4,5<br>*0.177* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | | | |
| 16ER10APIRD | – | 10 | 0,38<br>*0.015* | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 22ER10APIRD2M | – | 10 | 0,38<br>*0.015* | 2,4<br>*0.094* | 3,7<br>*0.146* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

## API spec. 5B ROUND – Filetare internă

Profil întreg – Snap-Tap®




API spec. 5B – 1988

16NR



27NR..M

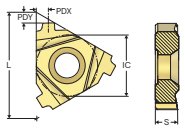


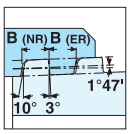
| Plăcuţă Reper Nr. Dreapta | Pas | | RE | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 16NR8APIRD | – | 8 | 0,46<br>*0.018* | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |
| 27NR8APIRD2M | – | 8 | 0,46<br>*0.018* | 2,9<br>*0.114* | 4,5<br>*0.177* | 15,875<br>*0.625* | 27,0<br>*1.063* | 6,15<br>*0.242* | | ■ | | | |
| 16NR10APIRD | – | 10 | 0,38<br>*0.015* | 1,5<br>*0.059* | 1,5<br>*0.059* | 9,525<br>*0.375* | 16,5<br>*0.650* | 3,47<br>*0.137* | | | ■ | | |

■ Stoc standard.

## API 5B BUTTRESS Con 1:16 – Filetare externă

Profil întreg – Snap-Tap®




Vallourec St-D453.02
API spec. 5B - 1988

Creasta și rădăcina sunt paralele cu conul

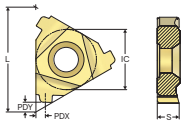
**22ER**

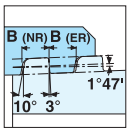


| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22ER5BUT2.5 | – | 5 | 2,2<br>*0.087* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

## API 5B BUTTRESS Con 1:16 – Filetare internă

Profil întreg – Snap-Tap®




Vallourec St-D453.02
API spec. 5B - 1988

Creasta și rădăcina sunt paralele cu conul

**22NR**

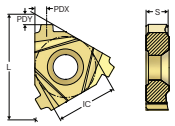


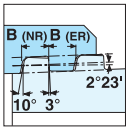
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NR5BUT2.5 | – | 5 | 2,0<br>*0.079* | 2,1<br>*0.083* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | ■ | ■ | | |

■ Stoc standard.

## API BUTTRESS Con 1:12 – Filetare externă

Profil întreg – Snap-Tap®




API spec. 5B – 1988
Creasta și rădăcina sunt paralele cu axa

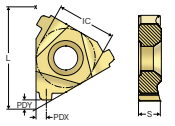
**22ER**

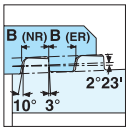


| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22ER5BUT2.6 | – | 5 | 2,2<br>*0.087* | 2,5<br>*0.098* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

## API BUTTRESS Con 1:12 – Filetare internă

Profil întreg – Snap-Tap®




API spec. 5B – 1988
Creasta și rădăcina sunt paralele cu axa

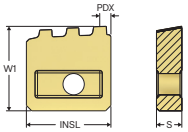
**22NR**



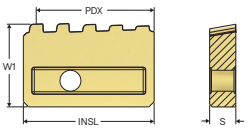
| Plăcuţă Reper Nr. Dreapta | Pas | | PDY | PDX | IC | L | S | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| 22NR5BUT2.6 | – | 5 | 2,0<br>*0.079* | 2,1<br>*0.083* | 12,7<br>*0.500* | 22,0<br>*0.866* | 4,71<br>*0.185* | | | ■ | | |

■ Stoc standard.

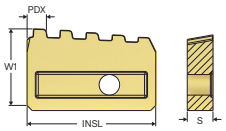
## Profil întreg – Chasers




Tip 1




Tip 2

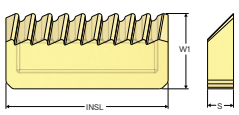



Tip 3

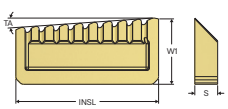
| Reper Nr. | Pas | Produse filetare prin formare | INSL | W1 | PDX | S | NT | Int./Ext. | Varianta | CHF1 | Calităţi | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Acoperită | | | |
| | TPI | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | CP250T | CP500T | TP150T | TTP1550 |
| 5-1102 | 5,0 | API_BUTTRESS_5TPI_1/16_EXT | 15,875<br>*0.625* | 15,875<br>*0.625* | 2,1<br>*0.083* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-1004-4 | ■ | | | |
| 5-5102 | 5,0 | API_BUTTRESS_5TPI_1/16_EXT, | 25,0<br>*0.984* | 15,875<br>*0.625* | 2,0<br>*0.079* | 5,0<br>*0.197* | 5 | Exterior | 1 | C-5003-4 | ■ | | | ■ |
| 5-1113 | 5,0 | API_BUTTRESS_5TPI_1/16_INT, | 15,875<br>*0.625* | 15,875<br>*0.625* | 2,5<br>*0.098* | 4,76<br>*0.187* | 3 | Intern | 3 | C-1018-96 | ■ | | | |
| 5-5112-C | 5,0 | API_BUTTRESS_5TPI_1/16_INT | 25,0<br>*0.984* | 15,875<br>*0.625* | 1,964<br>*0.077* | 5,0<br>*0.197* | 5 | Intern | 3 | C-5003-96 | ■ | ■ | | |
| 5-5108 | 5,0 | API_BUTTRESS_5TPI_1/16_INT | 25,0<br>*0.984* | 15,875<br>*0.625* | 2,5<br>*0.098* | 5,0<br>*0.197* | 5 | Intern | 3 | C-5003-96 | ■ | | | |
| 5-1134 | 5,0 | API_BUTT_5TPI_CAS_1/16_INTPUL | 15,875<br>*0.625* | 15,875<br>*0.625* | 13,375<br>*0.527* | 4,76<br>*0.187* | 3 | Intern | 2 | C-1018-96 | ■ | | | ■ |
| 5-5110 | 5,0 | API_BUTT_5TPI_1/16_INTPULLING | 25,0<br>*0.984* | 15,875<br>*0.625* | 22,5<br>*0.886* | 5,0<br>*0.197* | 5 | Intern | 2 | C-5003-96 | ■ | | | |
| 5-4131-1 | 5,0 | API_BUTTRESS_1/16_5TPI_EXT_1 | 20,0<br>*0.787* | 15,692<br>*0.618* | 4,84<br>*0.191* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-4001-4 | ■ | | | |
| 5-4131-2 | 5,0 | API_BUTTRESS_1/16_5TPI_EXT_2 | 20,0<br>*0.787* | 15,875<br>*0.625* | 2,3<br>*0.091* | 4,76<br>*0.187* | 4 | Exterior | 1 | C-4001-4 | ■ | | | |
| 5-3105-1 | 5,0 | API_BUTTRESS_5TPI_1/16_PMC_1 | 17,0<br>*0.669* | 14,57<br>*0.574* | 5,552<br>*0.219* | 5,2<br>*0.205* | 3 | Exterior | 1 | C-3901-1 | ■ | | | |
| 5-3105-2 | 5,0 | API_BUTTRESS_5TPI_1/16_PMC_2 | 17,0<br>*0.669* | 14,825<br>*0.584* | 3,858<br>*0.152* | 5,2<br>*0.205* | 3 | Exterior | 1 | C-3901-2 | ■ | | | |
| 5-3105-3 | 5,0 | API_BUTTRESS_5TPI_1/16_PMC_3 | 17,0<br>*0.669* | 14,98<br>*0.590* | 2,165<br>*0.085* | 5,2<br>*0.205* | 3 | Exterior | 1 | C-3901-3 | ■ | | | |
| 8-1116 | 8,0 | API_RD_CAS_8TPI_EXT, | 15,875<br>*0.625* | 15,875<br>*0.625* | 5,6<br>*0.220* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-1005-4 | ■ | | | |
| 8-1128 | 8,0 | API_RD_8TPI_INT, | 15,875<br>*0.625* | 15,875<br>*0.625* | 2,5<br>*0.098* | 4,76<br>*0.187* | 4 | Intern | 3 | C-1002-96 | ■ | | | |
| 8-5111 | 8,0 | API_RD_8TPI_INT | 25,0<br>*0.984* | 15,875<br>*0.625* | 2,5<br>*0.098* | 5,0<br>*0.197* | 7 | Intern | 3 | C-5002-96 | ■ | | | |
| 8-4133-1 | 8,0 | API_RD_8TPI_EXT_CASING_1 | 20,0<br>*0.787* | 15,875<br>*0.625* | 10,19<br>*0.401* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-4003-4 | ■ | | | |
| 8-4133-2 | 8,0 | API_RD_8TPI_EXT_CASING_2 | 20,0<br>*0.787* | 15,875<br>*0.625* | 8,6<br>*0.339* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-4003-4 | ■ | | | |
| 8-2115-1 | 8,0 | API_RD_8TPI_CAS_3/4_TPF_PMC_1 | 16,0<br>*0.630* | 14,62<br>*0.576* | 7,697<br>*0.303* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-2115-2 | 8,0 | API_RD_8TPI_CAS_3/4_TPF_PMC_2 | 16,0<br>*0.630* | 14,87<br>*0.585* | 6,638<br>*0.261* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-2115-3 | 8,0 | API_RD_8TPI_CAS_3/4_TPF_PMC_3 | 16,0<br>*0.630* | 15,0<br>*0.591* | 5,58<br>*0.220* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-1117 | 8,0 | API_RD_TUBING_8TPI_EXT, | 15,875<br>*0.625* | 15,875<br>*0.625* | 5,6<br>*0.220* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-1005-4 | ■ | | | |
| 8-2118-1 | 8,0 | API_RD_8TPI_TUB_3/4_TPF_PMC_1 | 16,0<br>*0.630* | 14,62<br>*0.576* | 7,697<br>*0.303* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-2118-2 | 8,0 | API_RD_8TPI_TUB_3/4_TPF_PMC_2 | 16,0<br>*0.630* | 14,87<br>*0.585* | 6,638<br>*0.261* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-2118-3 | 8,0 | API_RD_8TPI_TUB_3/4_TPF_PMC_3 | 16,0<br>*0.630* | 15,0<br>*0.591* | 5,58<br>*0.220* | 5,2<br>*0.205* | 3 | Exterior | 1 | – | ■ | | | |
| 8-5114 | 8,0 | API_RD_8TPI_INTPULLING | 25,0<br>*0.984* | 15,875<br>*0.625* | 22,5<br>*0.886* | 5,0<br>*0.197* | 7 | Intern | 2 | C-5002-96 | ■ | | | |
| 10-1120 | 10,0 | API_RD_10TPI_TUB_INT | 15,875<br>*0.625* | 15,875<br>*0.625* | 5,0<br>*0.197* | 4,76<br>*0.187* | 4 | Intern | 3 | C-1001-96 | ■ | | | |
| 10-1133-2 | 10,0 | API_RD_10TPI_TUB_EXT_2 | 15,875<br>*0.625* | 15,875<br>*0.625* | 4,4<br>*0.173* | 4,76<br>*0.187* | 3 | Exterior | 1 | C-1001-4 | ■ | | | |

■ Stoc standard.

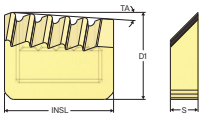
## Fragmentatori de așchii



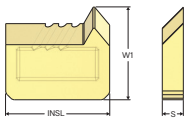

Tip 1



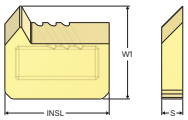

Tip 2



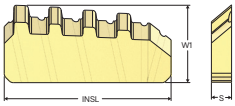

Tip 3



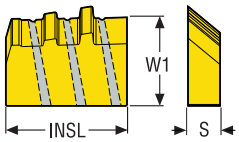

Tip 4




Tip 5




Tip 6




Tip 7

| Reper Nr. | Varianta | INSL | W1 | S |
|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* |
| C-1001 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1001-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1001-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1002 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1002-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1002-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1003 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1004 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1004-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1004-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1005-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1005-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1006-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1009 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1009-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1010 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1010-4 | 2 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1010-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1013-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1018 | 1 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1018-96 | 3 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1022 | 4 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1023 | 5 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1024 | 4 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-1025 | 5 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,97<br>*0.156* |

| Reper Nr. | Varianta | INSL | W1 | S |
|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* |
| C-1032 | 4 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1033 | 5 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1034 | 4 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1035 | 5 | 15,7<br>*0.618* | 11,5<br>*0.453* | 3,18<br>*0.125* |
| C-1601-96 | 3 | 15,7<br>*0.618* | 12,5<br>*0.492* | 3,97<br>*0.156* |
| C-1604-4 | 2 | 15,7<br>*0.618* | 12,5<br>*0.492* | 3,97<br>*0.156* |
| C-1X37-I-145 | 4 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-1X38-I-145 | 5 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-1X39-I-145 | 4 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-1X40-I-145 | 5 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-1X41-I-145 | 4 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-1X42-I-145 | 5 | 15,7<br>*0.618* | 14,5<br>*0.571* | 3,18<br>*0.125* |
| C-3901-1 | 7 | 16,9<br>*0.665* | 13,9<br>*0.547* | 4,47<br>*0.176* |
| C-3901-2 | 7 | 16,9<br>*0.665* | 14,0<br>*0.551* | 4,47<br>*0.176* |
| C-3901-3 | 7 | 16,9<br>*0.665* | 14,2<br>*0.559* | 4,47<br>*0.176* |
| C-4001-4 | 2 | 19,8<br>*0.780* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-4003-4 | 2 | 19,8<br>*0.780* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5001-4 | 2 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5002-4 | 2 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5003 | 1 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5003-4 | 2 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5003-96 | 3 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,97<br>*0.156* |
| C-5005 | 1 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,0<br>*0.118* |
| C-5006 | 1 | 24,8<br>*0.976* | 11,5<br>*0.453* | 3,0<br>*0.118* |
| C-5705-G | 6 | 24,8<br>*0.976* | 13,0<br>*0.512* | 3,0<br>*0.118* |
| C-5803-4 | 6 | 24,8<br>*0.976* | 13,5<br>*0.531* | 3,97<br>*0.156* |
| C-5805-G | 6 | 24,8<br>*0.976* | 13,5<br>*0.531* | 3,0<br>*0.118* |
| C-5905-G | 6 | 24,8<br>*0.976* | 14,0<br>*0.551* | 3,0<br>*0.118* |
| C-9001-I | 4 | 12,6<br>*0.496* | 11,5<br>*0.453* | 3,18<br>*0.125* |



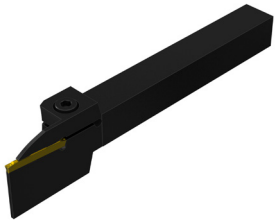
## Strunjire prin filetare MDT

Sistemul extrem de stabil și fiabil Seco MDT (strunjire multidirecţională) constă din suporţi și plăcuţe care oferă performanţă excelentă în operaţiile de strunjire prin filetare. Produsele sunt disponibile pentru filetare exterioară și interioară. Metoda sa unică de strângere constă dintr-o combinaţie între o bridă superioară în formă de V și suprafeţe de contact crestate între partea inferioară a plăcuţei și port-sculă, ceea ce asigură o stabilitate excelentă.

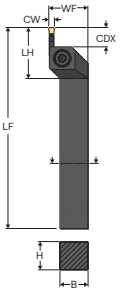
— Filetare exterioară și interioară
— Metodă unică de strângere
— Brida superioară în V asigură stabilitatea

## Port-scule MDT, exterior

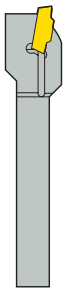
Suporţi pentru plăcuţe amovibile LCGN



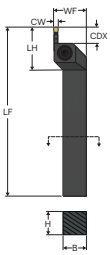
CFIR/ L1212../1616..

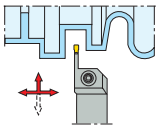



CFIR/L1212..



CFIR/L



—Versiunea pe dreapta este indicată în figură
—$a_r = 3 \times a_p$
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

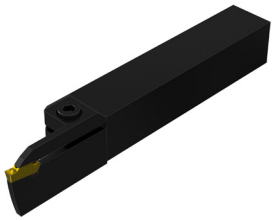
| Reper Nr. | Număr reper | H | B | CDX | CW | LF | WF | LH | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | kg | |
| CFIR1212M03 | 02435854 | 12,0 | 12,0 | 9,0 | 3,0 | 150,0 | 12,0 | 31,0 | 0,2 | LC..1603.. |
| CFIR1616H03 | 00091799 | 16,0 | 16,0 | 9,0 | 3,0 | 100,0 | 16,0 | 28,0 | 0,2 | LC..1603.. |
| CFIR2020K03 | 00068771 | 20,0 | 20,0 | 9,0 | 3,0 | 125,0 | 21,5 | 28,0 | 0,4 | LC..1603.. |
| CFIR2525M03 | 00068773 | 25,0 | 25,0 | 9,0 | 3,0 | 150,0 | 26,5 | 28,0 | 0,7 | LC..1603.. |
| CFIR3225P03 | 00013453 | 32,0 | 25,0 | 9,0 | 3,0 | 170,0 | 26,5 | 28,0 | 1,0 | LC..1603.. |
| CFIL1212M03 | 02435855 | 12,0 | 12,0 | 9,0 | 3,0 | 150,0 | 12,0 | 31,0 | 0,2 | LC..1603.. |
| CFIL1616H03 | 00091798 | 16,0 | 16,0 | 9,0 | 3,0 | 100,0 | 16,0 | 28,0 | 0,2 | LC..1603.. |
| CFIL2020K03 | 00068770 | 20,0 | 20,0 | 9,0 | 3,0 | 125,0 | 21,5 | 28,0 | 0,4 | LC..1603.. |
| CFIL2525M03 | 00068772 | 25,0 | 25,0 | 9,0 | 3,0 | 150,0 | 26,5 | 28,0 | 0,7 | LC..1603.. |
| CFIL3225P03 | 00013452 | 32,0 | 25,0 | 9,0 | 3,0 | 170,0 | 26,5 | 28,0 | 1,0 | LC..1603.. |

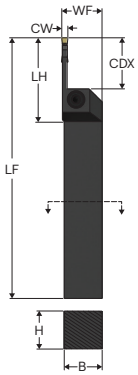
## Piese de schimb, Piese incluse la livrare

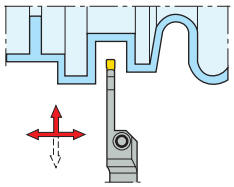
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| ..1212M03 | 3SMS795 | TCEI0409 |
| ..1616H03 | 4SMS795 | TCEI0509 |
| ..2020K03 | 4SMS795 | TCEI0513 |
| ..2525M03 | 4SMS795 | TCEI0513 |
| ..3225P03 | 4SMS795 | TCEI0513 |

## Port-scule MDT, exterior

Port-scule pentru plăcuţe LCGF, LCGN, LCMF şi LCMR





CDX = 8 x CW

—Versiunea pe dreapta este indicată în figură
—DCINN3 – diametrul alezajului minim pentru aplicaţii interioare, vezi pag.
—CDX – Adâncimea maximă de aşchiere pentru LCGF/LCMF16.. = 14 mm, LCGF/LCMF30.. = 28
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

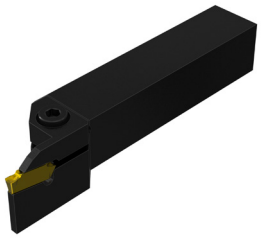
| Reper Nr. | Număr reper | H | B | CDX | CW | LF | WF | LH | DCINN3 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CFSR2525M03 | 02703367 | 25,0 | 25,0 | 24,0 | 3,0 | 150,0 | 26,5 | 46,0 | 195,0 | 0,7 | LC..1603.. |
| CFSR3225P03 | 02703375 | 32,0 | 25,0 | 24,0 | 3,0 | 170,0 | 26,1 | 46,0 | 195,0 | 1,0 | LC..1603.. |
| CFSL2525M03 | 02703363 | 25,0 | 25,0 | 24,0 | 3,0 | 150,0 | 26,5 | 46,0 | 195,0 | 0,7 | LC..1603.. |
| CFSL3225P03 | 02703371 | 32,0 | 25,0 | 24,0 | 3,0 | 170,0 | 26,1 | 46,0 | 195,0 | 1,0 | LC..1603.. |

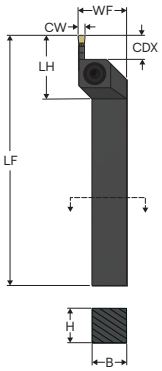
## Piese de schimb, Piese incluse la livrare

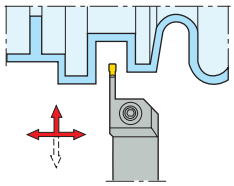
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| CFSR/L..03 | 4SMS795 | TCEI0513 |

## Port-scule MDT, exterior

Port-scule pentru plăcuţe LCGF, LCGN, LCMF şi LCMR





CDX = 5 x CW

—Versiunea pe dreapta este indicată în figură
—DCINN3 – diametrul alezajului minim pentru aplicaţii interioare, vezi pag.
—CDX – Adâncimea maximă de aşchiere pentru LCGF/LCMF16.. = 14 mm
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

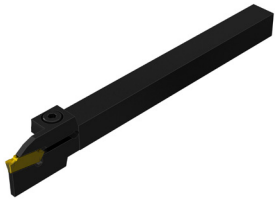
| Reper Nr. | Număr reper | H | B | CDX | CW | LF | WF | LH | DCINN3 | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| CFMR2020K03 | 00068777 | 20,0 | 20,0 | 15,0 | 3,0 | 125,0 | 21,5 | 36,0 | – | 0,4 | LC..1603.. |
| CFMR2525M03 | 00068779 | 25,0 | 25,0 | 15,0 | 3,0 | 150,0 | 26,5 | 36,0 | 195,0 | 0,7 | LC..1603.. |
| CFMR3225P03 | 00013460 | 32,0 | 25,0 | 15,0 | 3,0 | 170,0 | 26,5 | 36,0 | 195,0 | 1,0 | LC..1603.. |
| CFML2020K03 | 00068776 | 20,0 | 20,0 | 15,0 | 3,0 | 125,0 | 21,5 | 36,0 | – | 0,4 | LC..1603.. |
| CFML2525M03 | 00068778 | 25,0 | 25,0 | 15,0 | 3,0 | 150,0 | 26,5 | 36,0 | 195,0 | 0,7 | LC..1603.. |
| CFML3225P03 | 00013459 | 32,0 | 25,0 | 15,0 | 3,0 | 170,0 | 26,5 | 36,0 | 195,0 | 1,0 | LC..1603.. |

## Piese de schimb, Piese incluse la livrare

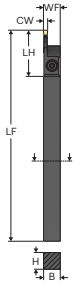
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| CFMR/L..-03 | 4SMS795 | TCEI0513 |

## Port-scule MDT, exterior

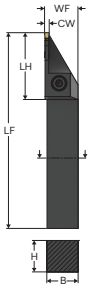
Suporţi pentru plăcuţe amovibile LCGN şi LCMR

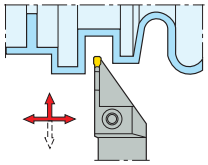


CF..1212, 1616




CF..2020, 2525



—Versiunea pe dreapta este indicată în figură
—CUTDAI - Datorită formei sculei, adâncimea de canelare este limitată, vezi catalogul Strunjire
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

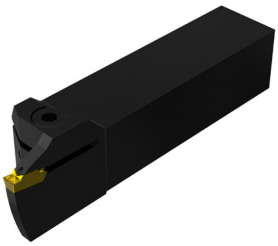
| Reper Nr. | Număr reper | H | B | CW | LF | WF | LH | CUTDIA | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | kg | |
| CFOR1212M03 | 00053367 | 12,0 | 12,0 | 3,0 | 150,0 | 12,0 | 32,1 | 37,0 | 0,2 | LC..1603.. |
| CFOL1212M03 | 00053357 | 12,0 | 12,0 | 3,0 | 150,0 | 12,0 | 32,1 | 37,0 | 0,2 | LC..1603.. |
| CFTR1616M03 | 00054058 | 16,0 | 16,0 | 3,0 | 150,0 | 16,0 | 42,0 | 50,0 | 0,3 | LC..1603.. |
| CFTR2020K03 | 00054060 | 20,0 | 20,0 | 3,0 | 125,0 | 21,5 | 43,0 | 50,0 | 0,4 | LC..1603.. |
| CFTR2525M03 | 00054066 | 25,0 | 25,0 | 3,0 | 150,0 | 26,5 | 42,5 | 50,0 | 0,7 | LC..1603.. |
| CFTL1616M03 | 00054057 | 16,0 | 16,0 | 3,0 | 150,0 | 16,0 | 42,0 | 50,0 | 0,3 | LC..1603.. |
| CFTL2020K03 | 00054059 | 20,0 | 20,0 | 3,0 | 125,0 | 21,5 | 43,0 | 50,0 | 0,4 | LC..1603.. |
| CFTL2525M03 | 00054063 | 25,0 | 25,0 | 3,0 | 150,0 | 26,5 | 42,5 | 50,0 | 0,7 | LC..1603.. |

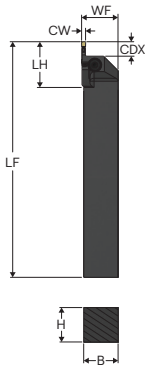
## Piese de schimb, Piese incluse la livrare

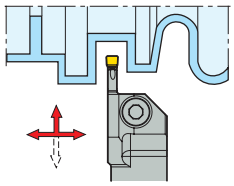
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| CFOR/L..-03 | 3SMS795 | TCEI0409 |
| CFTR/L..-03 | 4SMS795 | TCEI0513 |

## Port-scule MDT, exterior

Port-scule pentru plăcuţe LCGF, LCGN, LCMF şi LCMR





—Versiunea pe dreapta este indicată în figură
—CDX – Adâncimea maximă de aşchiere pentru LCGF/LCMF16.. = 14 mm, LCGF/LCMF30.. = 28
—CP – Presiune maximă a lichidului de răcire (bar) utilizând conexiunea furtunului
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

CFIR/L CDX = 3 x CW
CFMR/L CDX = 5 x CW

| Reper Nr. | Număr reper | H | B | CDX | CW | LF | WF | LH | DCINN3 | Greutate | CP | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | kg | bar | |
| CFIR3225P03JET | 02599873 | 32,0 | 25,0 | 9,0 | 3,0 | 170,0 | 26,5 | 33,0 | 195,0 | 1,1 | 275,0 | LC..1603.. |
| CFIL3225P03JET | 02599874 | 32,0 | 25,0 | 9,0 | 3,0 | 170,0 | 26,5 | 33,0 | 195,0 | 1,0 | 275,0 | LC..1603.. |
| CFMR3225P03JET | 02702825 | 32,0 | 25,0 | 15,0 | 3,0 | 170,0 | 26,5 | 41,0 | 195,0 | 1,0 | 275,0 | LC..1603.. |
| CFML3225P03JET | 02702829 | 32,0 | 25,0 | 15,0 | 3,0 | 170,0 | 26,5 | 41,0 | 195,0 | 1,0 | 275,0 | LC..1603.. |

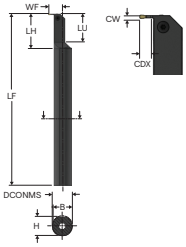
## Piese de schimb, Piese incluse la livrare

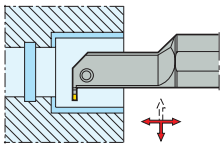
| Pentru portsculă | Cheie clemă | Şurub clemă | Dop |
|---|---|---|---|
| |  |  |  |
| CFIR/L..-03 | 4SMS795 | TCEI0513 | JET-P1/8-5MM |
| CFMR/L..-03 | 4SMS795 | TCEI0513 | JET-P1/8-5MM |

## Filetare MDT - Suporţi, Intern

Port-scule pentru plăcuţe LCGF, LCGN, LCMF şi LCMR





—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

| Reper Nr. | Număr reper | H | B | CDX | CW | LF | LU | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| A32T-CGIR1603 | 02717661 | 30,0 | 31,0 | 9,0 | 3,0 | 300,0 | 50,0 | 24,0 | 60,0 | 32,0 | 32,0 | 1,5 | LC..1603.. |
| A32T-CGIL1603 | 02718385 | 30,0 | 31,0 | 9,0 | 3,0 | 300,0 | 50,0 | 24,0 | 60,0 | 32,0 | 32,0 | 1,5 | LC..1603.. |

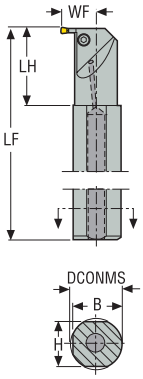
## Piese de schimb, Piese incluse la livrare

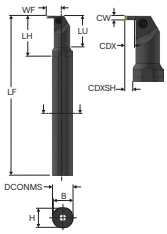
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| CG.R/L..03 | T15P-7 | L85011-T15P |

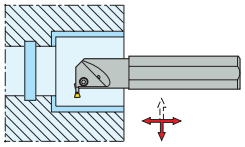
## Filetare MDT - Suporţi, Intern

Port-scule pentru plăcuţe LCGF, LCGN, LCMF și LCMR





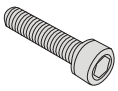



CDX = 2 x CW

—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—CDXSH – Dacă suportul pătrunde în alezaj mai mult decât LH
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

| Reper Nr. | Număr reper | H | B | CDX | CDXSH | CW | LF | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| A40T-CGGR03 | 00093896 | 37,0 | 38,5 | 6,0 | 5,5 | 3,0 | 300,0 | 26,0 | 60,0 | 40,0 | 45,0 | 2,5 | LC..1603.. |
| A40T-CGGL03 | 00093897 | 37,0 | 38,5 | 6,0 | 5,5 | 3,0 | 300,0 | 26,0 | 60,0 | 40,0 | 45,0 | 2,5 | LC..1603.. |

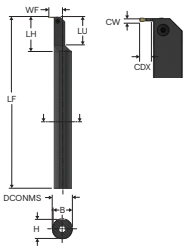
## Piese de schimb, Piese incluse la livrare

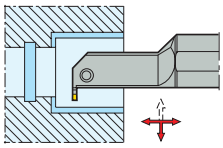
| Pentru portsculă | Cheie clemă | Șurub clemă |
|---|---|---|
| |  |  |
| -..03 | 3SMS795 | MC6S4X14 |

## Filetare MDT - Suporţi, Intern

Port-scule pentru plăcuţe LCGF, LCGN, LCMF şi LCMR





—Versiunea pe dreapta este indicată în figură
—DCINN - diametrul minim al alezajului
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

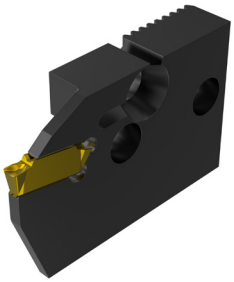
| Reper Nr. | Număr reper | H | B | CDX | CW | LF | LU | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| A20-CGIR03 | 02717401 | 1.171 | 1.211 | 0.354 | 0.118 | 12.000 | 1.969 | 0.929 | 2.362 | 1.250 | 1.260 | 3.3 | LC..1603.. |
| A20-CGIL03 | 02718392 | 1.171 | 1.211 | 0.354 | 0.118 | 12.000 | 1.969 | 0.929 | 2.362 | 1.250 | 1.260 | 3.3 | LC..1603.. |

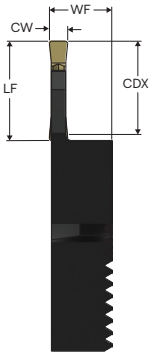
## Piese de schimb, Piese incluse la livrare

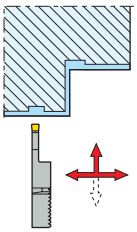
| Pentru portsculă | Cheie clemă | Şurub clemă |
|---|---|---|
| |  |  |
| ..03 | T15P-7 | L85011-T15P |

## Lame modulare MDT

Lame pentru plăcuţe LCGF, LCGN, LCMF şi LCMR



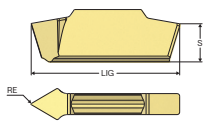


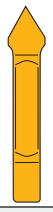



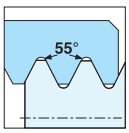
—Versiunea pe dreapta este indicată în figură
—CDX – Adâncimea maximă de aşchiere pentru LCGF/LCMF13.. = 11 mm, LCGF/LCMF16.. = 14 mm
—CW = Lăţime de aşchiere indicativă, poate varia în funcţie de plăcuţa aleasă
—Pentru gama de plăcuţe, consultaţi paginile 183

| Reper Nr. | Număr reper | CDX | CW | LF | WF | Greutate | CTWS |
|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | kg | |
| V21-CMR1603 | 00030310 | 15,0 | 3,0 | 16,2 | 9,2 | 0,1 | LC..1603.. |
| V21-CML1603 | 02719038 | 15,0 | 3,0 | 16,2 | 9,2 | 0,1 | LC..1603.. |

## MDT Plăcuţe amovibile LCGN – Profil parţial 55°



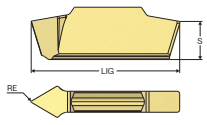



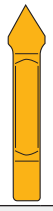


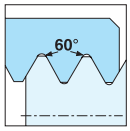

Toleranţe:
LIG = ±0,025
RE = ±0,025
Unghiul elicei nu trebuie să depăşească λ +2°.

| | | | | | | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Reper Nr. | Pas | | RE | LIG | S | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCGN1603-A55 | 0,5-1,5 | 48-16 | 0,08 *0.003* | 16,6 *0.654* | 4,5 *0.177* | | | ■ | | |
| LCGN1603-G55 | 1,75-3 | 14-8 | 0,18 *0.007* | 16,6 *0.654* | 4,5 *0.177* | | | ■ | | |

## MDT Plăcuţe amovibile LCGN – Profil parţial 60°



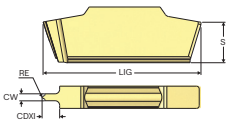



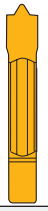


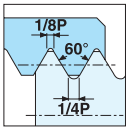

Toleranţe:
LIG = ±0,025
RE = ±0,025
Unghiul elicei nu trebuie să depăşească λ +2°.

| | | | | | | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Reper Nr. | Pas | | RE | LIG | S | Acoperită | | | | Neacoperită |
| | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCGN1603-A60 | 0,5-1,5 | 48-16 | 0,08 *0.003* | 16,6 *0.654* | 4,5 *0.177* | | | ■ | | |
| LCGN1603-G60 | 1,75-3 | 14-8 | 0,18 *0.007* | 16,6 *0.654* | 4,5 *0.177* | | | ■ | | |

## MDT Plăcuţe amovibile – LCGN – metric ISO






Toleranţe:
LIG = ±0,025
Unghiul elicei nu trebuie să depăşească λ +2°.

| | | | | | | | | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Reper Nr. | Notă | Pas | | RE | LIG | S | CW | CDXI | Acoperită | | | | Neacoperită |
| | | mm | TPI | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | mm *Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCGN1603-E0.5ISO | * | 0,5 | – | 0,07 *0.003* | 16,6 *0.654* | 4,5 *0.177* | 0,75 *0.030* | 1,9 *0.075* | | | ■ | | |
| LCGN1603-E0.8ISO | * | 0,8 | – | 0,11 *0.004* | 16,6 *0.654* | 4,5 *0.177* | 1,2 *0.047* | 3,0 *0.118* | | | ■ | | |
| LCGN1603-E1.0ISO | * | 1,0 | – | 0,13 *0.005* | 16,6 *0.654* | 4,5 *0.177* | 1,5 *0.059* | 3,75 *0.148* | | | ■ | | |
| LCGN1603-E1.25ISO | * | 1,25 | – | 0,17 *0.007* | 16,6 *0.654* | 4,5 *0.177* | 1,88 *0.074* | 4,2 *0.165* | | | ■ | | |
| LCGN1603-E1.5ISO | | 1,5 | – | 0,21 *0.008* | 16,6 *0.654* | 4,5 *0.177* | 2,4 *0.094* | 0,92 *0.036* | | | ■ | | |

* Suporturile trebuie modificate
■ Stoc standard.



## Strunjire prin filetare Mini-Shaft™

Mini-Shaft™, extrem de versatil, este format din plăcuţe și suporţi care asigură operaţii de filetare internă stabile, de înaltă precizie. Mini-Shaft™ dispune de o îmbinare specială, cu două rânduri de crestături, care creează un punct de legătură sigur pentru plăcuţele interschimbabile și port-scule, ceea ce produce o repetabilitate de +/- 0,02 mm ( +/- 0,0008 inci).

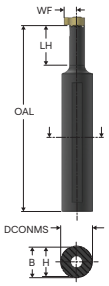
- Toate port-sculele pot fi echipate cu plăcuţe de stânga și de dreapta
- Posibilitate de răcire completă
- Utilizare în găuri de până la 8 mm (0,315 inci)

## Suporţi Mini-Shaft™

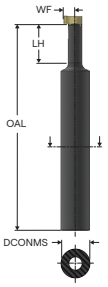
Suporţi pentru plăcuţe amovibile LCEX

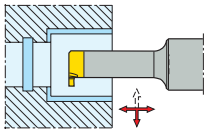


A..-SGXN




A..-SGXN-R



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 188-192

| Reper Nr. | Număr reper | H | B | OAL | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | kg | |
| A12G-SGXN08-20 | 02411140 | 11,0 | 11,5 | 86,5 | 4,8 | 16,5 | 12,0 | 8,0 | 0,1 | LCEX08.. |
| A12G-SGXN08-20-R | 02511871 | – | – | 86,5 | 4,8 | 16,5 | 12,0 | 8,0 | 0,1 | LCEX08.. |
| A16H-SGXN11-25 | 02411142 | 15,0 | 15,5 | 96,0 | 6,7 | 21,0 | 16,0 | 11,0 | 0,2 | LCEX11.. |
| A16H-SGXN11-25-R | 02511872 | – | – | 96,0 | 6,7 | 21,0 | 16,0 | 11,0 | 0,2 | LCEX11.. |

## Piese de schimb, Piese incluse la livrare

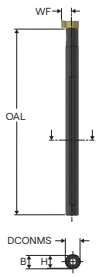
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| A12G-.. | T08P-2 | C02506-T08P |
| A16H-.. | T10P-2 | C03509-T10P |

## Suporţi Mini-Shaft™

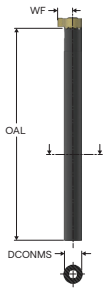
Suporţi pentru plăcuţe amovibile LCEX

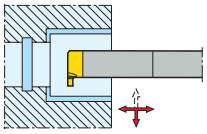


E...-SGXN




E...-SGXN-R



—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 188-192

| Reper Nr. | Număr reper | H | B | OAL | WF | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | kg | |
| E06G-SGXN08 | 02411141 | 5,5 | 5,75 | 86,5 | 4,8 | 6,0 | 8,0 | 0,1 | LCEX08.. |
| E06G-SGXN08-R | 02513692 | – | – | 86,5 | 4,8 | 6,0 | 8,0 | 0,1 | LCEX08.. |
| E08H-SGXN11 | 02411143 | 7,3 | 7,65 | 96,0 | 6,7 | 8,0 | 11,0 | 0,1 | LCEX11.. |
| E08H-SGXN11-R | 02513696 | – | – | 96,0 | 6,7 | 8,0 | 11,0 | 0,1 | LCEX11.. |

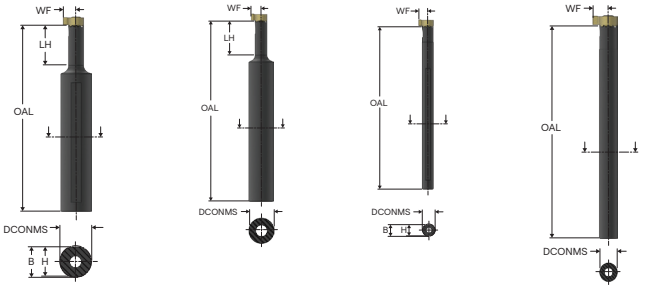
## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| E06G-.. | T08P-2 | C02506-T08P |
| E08H-.. | T10P-2 | C03509-T10P |

## SGXN Suporţi Mini-Shaft™

Suporţi pentru plăcuţe amovibile LCEX






—Versiunea pe dreapta este indicată în figură
—Pentru gama de plăcuţe, consultaţi paginile 188–192

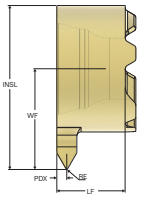
| Reper Nr. | Număr reper | H | B | OAL | WF | LH | DCONMS | DCINN | Greutate | CTWS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | |
| A10G-SGXN08-078 | 02450441 | 0.586 | 0.605 | 3.406 | 0.188 | 0.650 | 0.625 | 0.315 | 0.4 | LCEX08.. |
| E04G-SGXN08 | 02450442 | 0.217 | 0.233 | 3.406 | 0.189 | – | 0.250 | 0.315 | 0.2 | LCEX08.. |
| A10H-SGXN11-098 | 02450443 | 0.586 | 0.605 | 3.780 | 0.264 | 0.827 | 0.625 | 0.433 | 0.4 | LCEX11.. |
| E05H-SGXN11 | 02450445 | 0.287 | 0.300 | 3.780 | 0.264 | – | 0.312 | 0.433 | 0.2 | LCEX11.. |
| A10G-SGXN08-078-R | 02511873 | – | – | 3.406 | 0.188 | 0.650 | 0.625 | 0.315 | 0.2 | LCEX08.. |
| A10H-SGXN11-098-R | 02511874 | – | – | 3.780 | 0.264 | 0.827 | 0.625 | 0.433 | 0.4 | LCEX11.. |
| E04G-SGXN08-R | 02513700 | – | – | 3.406 | 0.189 | – | 0.250 | 0.315 | 0.2 | LCEX08.. |
| E05H-SGXN11-R | 02513704 | – | – | 3.780 | 0.264 | – | 0.312 | 0.433 | 0.2 | LCEX11.. |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă |
|---|---|---|
| |  |  |
| A10G-../E04G-.. | T08P-2 | C02506-T08P |
| A10H-../E05H-.. | T10P-2 | C03509-T10P |

## Plăcuţe Mini-Shaft™

Profil parţial 60°




..L



..R

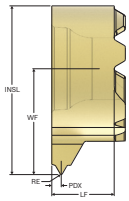


| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX0804-A60R | 0,5-0,75 | 48,0-36,0 | 0,03<br>*0.001* | 0,48<br>*0.019* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-A60L | 0,5-0,75 | 48,0-36,0 | 0,03<br>*0.001* | 0,48<br>*0.019* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-AG60R | 0,75-1,25 | 36,0-20,0 | 0,07<br>*0.003* | 0,73<br>*0.029* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-AG60L | 0,75-1,25 | 36,0-20,0 | 0,07<br>*0.003* | 0,73<br>*0.029* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-G60R | 1,25-1,75 | 20,0-16,0 | 0,12<br>*0.005* | 0,98<br>*0.039* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-G60L | 1,25-1,75 | 20,0-16,0 | 0,12<br>*0.005* | 0,98<br>*0.039* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX1105-A60R | 0,5-0,75 | 48,0-36,0 | 0,03<br>*0.001* | 0,48<br>*0.019* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-A60L | 0,5-0,75 | 48,0-36,0 | 0,03<br>*0.001* | 0,48<br>*0.019* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-AG60R | 0,75-1,25 | 36,0-20,0 | 0,07<br>*0.003* | 0,73<br>*0.029* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-AG60L | 0,75-1,25 | 36,0-20,0 | 0,07<br>*0.003* | 0,73<br>*0.029* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-G60R | 1,25-1,75 | 16,0-20,0 | 0,12<br>*0.005* | 0,98<br>*0.039* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-G60L | 1,25-1,75 | 20,0-16,0 | 0,12<br>*0.005* | 0,98<br>*0.039* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |

■ Stoc standard.

## Plăcuţe Mini-Shaft™

ISO Metric




..L



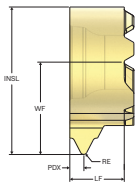
..R



| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX1105-1.0ISOR | 1,0 | – | 0,07<br>*0.003* | 0,6<br>*0.024* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-1.0ISOL | 1,0 | – | 0,07<br>*0.003* | 0,6<br>*0.024* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-1.5ISOR | 1,5 | – | 0,12<br>*0.005* | 0,85<br>*0.033* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-1.5ISOL | 1,5 | – | 0,12<br>*0.005* | 0,8<br>*0.031* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.0ISOR | 2,0 | – | 0,17<br>*0.007* | 1,1<br>*0.043* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.0ISOL | 2,0 | – | 0,17<br>*0.007* | 1,1<br>*0.043* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.5ISOR | 2,5 | – | 0,18<br>*0.007* | 1,35<br>*0.053* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.5ISOL | 2,5 | – | 0,18<br>*0.007* | 1,35<br>*0.053* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-3.0ISOR | 3,0 | – | 0,21<br>*0.008* | 1,6<br>*0.063* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-3.0ISOL | 3,0 | – | 0,21<br>*0.008* | 1,6<br>*0.063* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |

■ Stoc standard.

## Plăcuţe Mini-Shaft™
Whitworth, BSW




..L

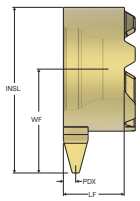


..R



| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX1105-14WR | – | 14,0 | 0,24<br>*0.009* | 1,0<br>*0.039* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-14WL | – | 14,0 | 0,24<br>*0.009* | 1,0<br>*0.039* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-19WR | – | 19,0 | 0,15<br>*0.006* | 0,77<br>*0.030* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-19WL | – | 19,0 | 0,15<br>*0.006* | 0,77<br>*0.030* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |

## Plăcuţe Mini-Shaft™
TR-DIN103




..RL



..RR

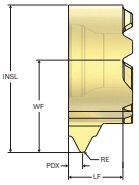


| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX1105-1.5TRR | 1,5 | – | 0,1<br>*0.004* | 0,8<br>*0.031* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-1.5TRL | 1,5 | – | 0,1<br>*0.004* | 0,8<br>*0.031* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.0TRR | 2,0 | – | 0,15<br>*0.006* | 1,1<br>*0.043* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-2.0TRL | 2,0 | – | 0,15<br>*0.006* | 1,1<br>*0.043* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-3.0TRR | 3,0 | – | 0,15<br>*0.006* | 1,6<br>*0.063* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |
| LCEX1105-3.0TRL | 3,0 | – | 0,15<br>*0.006* | 1,6<br>*0.063* | 6,7<br>*0.264* | 10,7<br>*0.421* | 4,0<br>*0.157* | | | ■ | | |

■ Stoc standard.

## Plăcuţe Mini-Shaft™

UN




..L



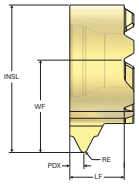
..R



| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX0804-16UNR | – | 16,0 | 0,13<br>*0.005* | 0,9<br>*0.035* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-20UNR | – | 20,0 | 0,09<br>*0.004* | 0,7<br>*0.028* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-20UNL | – | 20,0 | 0,09<br>*0.004* | 0,7<br>*0.028* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-24UNR | – | 24,0 | 0,07<br>*0.003* | 0,6<br>*0.024* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-24UNL | – | 24,0 | 0,07<br>*0.003* | 0,6<br>*0.024* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-32UNR | – | 32,0 | 0,04<br>*0.002* | 0,5<br>*0.020* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |
| LCEX0804-32UNL | – | 32,0 | 0,04<br>*0.002* | 0,5<br>*0.020* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |

■ Stoc standard.

## Plăcuţe Mini-Shaft™
NPT

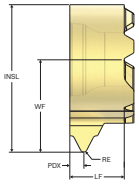



..R



| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX0804-27NPTR | – | 27,0 | 0,03<br>*0.001* | 0,57<br>*0.022* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |

## Plăcuţe Mini-Shaft™
NPTF



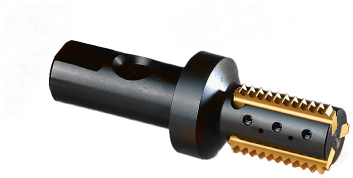
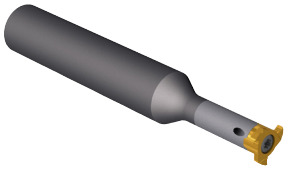
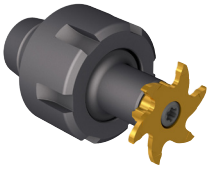

..L



| Reper Nr. | Pas | | RE | PDX | WF | INSL | LF | Calităţi | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Acoperită | | | | Neacoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | CP200 | CP300 | CP500 | TTP2050 | H15 |
| LCEX0804-27NPTFL | – | 27,0 | 0,04<br>*0.002* | 0,57<br>*0.022* | 4,78<br>*0.188* | 7,78<br>*0.306* | 3,3<br>*0.130* | | | ■ | | |

■ Stoc standard.

## Prezentare generală a gamei

| | Gamă Ø | Lungime |
|---|---|---|
| **Threadmaster™**<br><br>**Pag. 202, 203-206** | M1-M20 | ~ 1,5-2 x D |
| **R396.18/19/20**<br><br>**Pag. 211-216** | 14 ≤ | ~ 2 - 3.5 x D |
| **R335.14**<br> <br>**Pag. 226-228** | 12< | ~1xD< |
| **Threadmaster™ Taps**<br><br>**Pag. 245-481** | M1-M64 | ~ 1,5–3,5 x D |

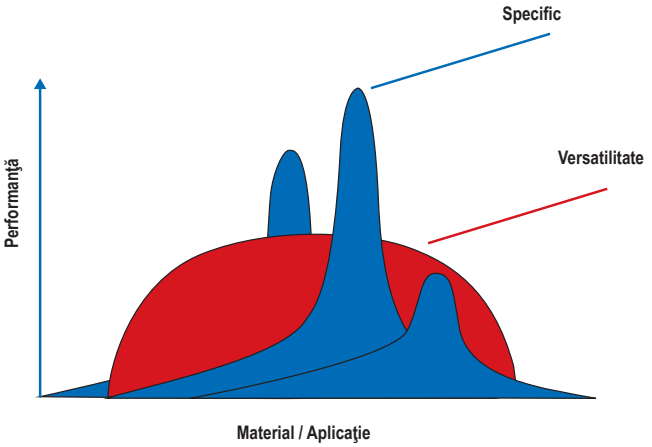
# Prezentarea gamei

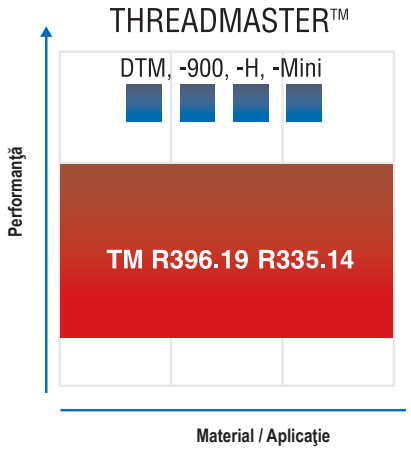
## Filetarea prin frezare și tarozi – Alegerea sculei

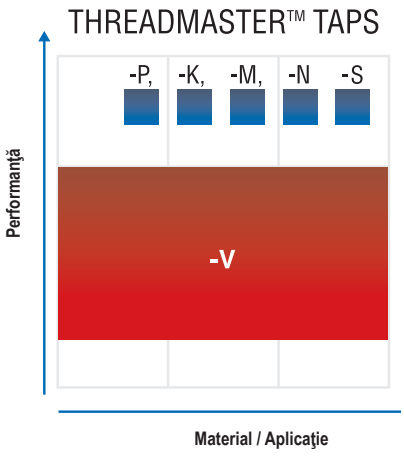
Cercetarea și dezvoltarea continuă de noi materiale, acoperiri și geometrii optime ajută la îndeplinirea cerinţelor clienţilor.

Strategia noastră este livrarea pe piaţă de soluţii universale de prelucrare și soluţii personalizate specific pentru filetare.

| Strategia de producţie | Sortimentul de produse |
|---|---|



# Frezarea filetelor – Alegerea sculei aşchietoare, a plăcuţelor şi regimului de frezare

## Freze din carbură solidă – Threadmaster™

### 1. Generalităţi

Aceeași freză poate fi folosită pentru prelucrarea filetelor pe dreapta și pe stânga. Versiunile metrice și UN sunt numai pentru filetare interioară. Restul gamei poate fi utilizat atât pentru filetare exterioară cât și pentru filetare interioară.

- Frezele se pot reascuţi

### 2. Alegeţi diametrul frezei

- Vezi paginile cu programele Threadmaster
- Caută coloana corespunzătoare filetului
- Caută pasul dorit
- Atunci când există mai multe alternative, ţine cont de:

- Frezele cu diametre mici permit filete cu diametre mici (diametrul minim al filetului se găsește în descriere).
- Un diametru mai mare al frezei permite atingerea de adâncimi mai mari de filetare (adâncimea maximă este 2 x diametrul frezei, $D_c$).

### 3. Alegerea frezei

- TM: Alegerea de bază
- TM...-900: Opţiune pentru oţel și oţel inoxidabil cu rezistenţa la rupere > 900 N/mm$^2$
- TM...-H: Opţiune pentru oţel călit cu duritatea 45-60 HRC
- DTM: Găurire, filetare și șanfrenare cu aceeași unealtă. Se utilizează în aluminiu și fontă

### 4. Alegeţi regimurile de aşchiere

- Utilizaţi tabelele începând de la pagina 482 pentru clasificarea materialului piesei de prelucrat într-un grup de materiale (Seco Material Group)
- Recomandările privind viteza de aşchiere se găsesc la pagina cu regimuri de frezare pentru Threadmaster
- Recomandările pentru avansul pe dinte (= canelură) se găsesc la pagina cu regimuri de frezare pentru Threadmaster
- Formulele pentru calculul regimului de frezare se găsesc la pagina 197
- Pentru cele mai bune recomandări și performanţe, utilizaţi Seco Suggest https://www.secotools.com/dashboard/Suggest/Suggest.

### 5. Metode de prelucrare

- Se va utiliza interpolarea elicoidală pentru a genera pasul
- Se poate folosi avansul în sens orar sau antiorar în funcţie de tipul filetului și metod de prelucrare (pe dreapta sau pe stânga), filet intern sau extern
- Se recomandă frezarea în contra avansului
- Se recomandă răcirea. Excepţie la filetarea materialelor dure
- Recomandări speciale pentru anumite semifabricate se găsesc la paginile cu regimuri despre aşchiere de la capitolul Threadmaster

## Recomandări privind avansul

### Threadmaster™

- Recomandări de avans pentru TM-M4X0.7ISO-6R1, exceptând TM-Mini, care are recomandările de la TM-M1.0X0.25ISO-3R1-H și doar ca valoare de start
- Pentru cele mai bune recomandări și performanţe, utilizaţi Seco Suggest https://www.secotools.com/dashboard/Suggest/Suggest
- Toate avansurile se raportează la centrul sculei aşchietoare, nu la periferie
- În bucla de intrare, reduceţi avansul cu 50%. În bucla de ieșire măriţi avansul cu 50%
- În bucla de intrare și de ieșire înaintaţi freza la 15% din pasul axial
- Pentru oţel normal, oţel slab aliat și feritic, oţel călit și revenit, oţel inoxidabil slab și mediu aliat și fontă austenitică, lăsaţi 0,05 mm din $a_e$ pentru finisare
- Pentru oţel cu rezistenţă mare la rupere, martensitic și oţel inoxidabil înalt aliat, superaliaje pe bază de Ni și aliaje de titan îndepărtaţi 2/3 din $a_e$ la prima trecere și restul de 1/3 la a doua trecere
- Pentru oţel călit îndepărtaţi 1/3 din $a_e$ la prima trecere, 1/3 din $a_e$ la a doua trecere și restul de 1/3 la a treia trecere
- La fileturile NPT și NPTF se ia tot $a_e$ la prima trecere
- Se recomandă lichid de răcire (excepţie când se folosește -H în materiale călite)
- Frezele pentru filetare metrice și UN sunt doar pentru fileturi interne

**TM-Mini:**

- Aşchiere pe stânga (M4)
- Faceţi o buclă de intrare înainte de a intra în semifabricat

**DTM:**

- Procedaţi la găurire cu retragere

# Alegerea sculei aşchietoare, a plăcuţelor şi a regimurilor de frezare

**1. Generalităţi**

- Aceeași freză poate fi utilizată pentru prelucrarea filetelor exterioare și interioare, pe dreapta sau pe stânga

**2. Alegeţi diametrul frezei**

- Consultaţi paginile referitoare la frezele de filetat și alegeţi un diametru corespunzător din tabelul cu datele uneltei
- Mărimea plăcuţei variază în funcţie de diametrul frezei. Verificaţi gama de plăcuţe cu diferite mărimi înainte de a alege diametrul frezei
- Pentru frezarea de filete interioare verificaţi „diametrul minim al filetului” înainte de a alege diametrul frezei. Acest tabel arată relaţia dintre diametrul frezei și dimensiunea minimă de filet ce poate fi prelucrată cu acesta

**3. Alegerea plăcuţelor**

- Consultaţi paginile cu plăcuţe pentru frezarea filetelor și alegeţi tipul corespunzător de filet și dimensiunea corectă de plăcuţă pentru freză. Alegeţi clasa F30M/CP500 pentru aplicaţii generale

**4. Alegeţi regimurile de aşchiere**

**Adâncimea radială de aşchiere**

- Utilizaţi formulele pentru a calcula adâncimea radială de aşchiere ($a_e$). (Consultaţi figurile)

**Rata avansului**

- Împărţiţi adâncimea radială de aşchiere la diametru pentru a determina procentajul efectiv de angajare a sculei aşchietoare ($a_e/D_c$%). Utilizaţi tabelul cu regimurile de frezare pentru recomandări privind avansul pe dinte, vezi pagina (paginile) 207 - 233.

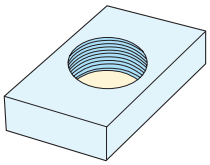
**Viteză de aşchiere**

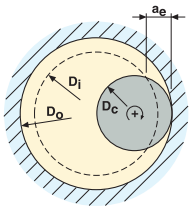
- Utilizaţi tabelele începând cu pagina 482 pentru a clasifica materialul piesei de prelucrat într-un grup de materiale.
- Recomandările privind viteza de aşchiere (pentru angajare 10%) se găsesc în tabelele de bază pentru regimuri de aşchiere din catalog
- Din motive de siguranţă, turaţia maximă care nu ar trebui depăşită niciodată
- Formule pentru calculul regimurilor de frezare se găsesc la pagina 197

**5. Metode de prelucrare**

- Se va utiliza prelucrarea în rampă prin interpolare elicoidală pentru a genera pasul
- Se poate folosi direcţia de avans în sens orar sau antiorar în funcţie de tipul filetului și metoda de prelucrare (pe dreapta sau pe stânga, filet intern sau extern)
- Se recomandă frezarea în sens contrar avansului și utilizarea de lichid de răcire. Alimentarea cu lichid de răcire este recomandată, cu excepţia filetării materialelor călite

## Intern






**$D_i = D_o$ - 2h**

| Filet | |
|---|---|
| ISO | 0,60 x p |
| UN | 0,60 x p |
| W | 0,69 x p |
| BSPT | 0,69 x p |
| NPT | 0,78 x p |

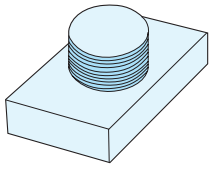
**Valoarea avansului de pătrundere radial $a_e$:**

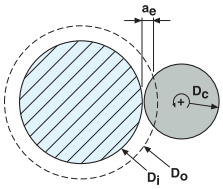
$$a_e = \frac{D_O^2 - D_i^2}{4\,(D_O - D_C)}$$

p = pasul (mm)
h = adâncimea filetului

$D_c$ = Diam. sculă aşchietoare
$D_o$ = Diam. major
$D_i$ = Diam. minor

## Exterior






**$D_i = D_o$ - 2h**

| Filet | |
|---|---|
| ISO | 0,65 x p |
| UN | 0,65 x p |
| W | 0,69 x p |
| BSPT | 0,69 x p |
| NPT | 0,78 x p |

**Valoarea avansului de pătrundere radial $a_e$:**

$$a_e = \frac{D_O^2 - D_i^2}{4\,(D_i + D_C)}$$

p = pasul (mm)
h = adâncimea filetului

$D_c$ = Diam. sculă aşchietoare
$D_o$ = Diam. major
$D_i$ = Diam. minor

## Alegerea sculei aşchietoare, a plăcuţelor şi a regimurilor de frezare

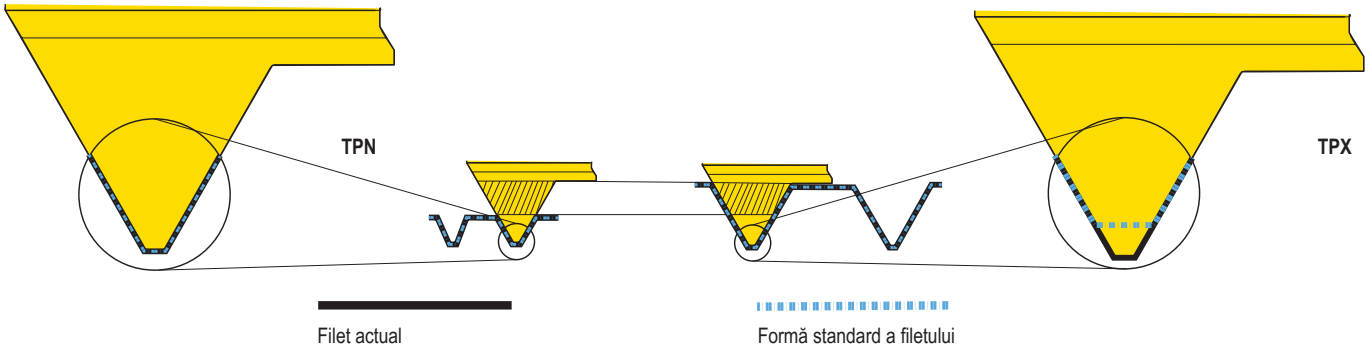
| RPM | |
|---|---|
| $n = \frac{v_c \cdot 1000}{\pi \cdot D_c}$ | (rot/min) |
| **Viteza de aşchiere** | |
| $v_c = \frac{n \cdot \pi \cdot D_c}{1000}$ | (m/min) |
| **Viteza de avans** | |
| $v_f = n \cdot z_n \cdot f_z$ | (mm/min) |
| $v_f = n \cdot z_c \cdot f_z$ | (mm/min) |
| **Avans pe rotaţie** | |
| $f = z_n \cdot f_z$ | (mm/rot) |
| $f = z_c \cdot f_z$ | (mm/rot) |

| RPM | |
|---|---|
| $n = \frac{v_c \cdot 3.82}{D_c}$ | (rot/min) |
| **Viteza de aşchiere** | |
| $v_c = \frac{n \cdot D_c}{3.82}$ | (sf/min) |
| **Viteza de avans** | |
| $v_f = n \cdot z_n \cdot f_z$ | (in/min) |
| $v_f = n \cdot z_c \cdot f_z$ | (in/min) |
| **Avans pe rotaţie** | |
| $f = z_n \cdot f_z$ | (in/rot.) |
| $f = z_c \cdot f_z$ | (in/rot.) |

- $D_c$ = Diametru (mm)
- f = Avans pe rotaţie (mm)
- $f_z$ = Avans pe dinte (mm/dinte)
- $z_c$ = Număr efectiv de dinţi pentru calculul vitezei de avans sau al avansului pe rotaţie
- n = RPM (rotaţii pe minut)
- $v_c$ = Viteza de aşchiere (m/min)
- $v_f$ = Viteza de avans (mm/min)
- $z_n$ = Nr. de dinţi

- $D_c$ = Diametru (inci)
- f = Avans pe rotaţie (inci)
- $f_z$ = Avans pe dinte (in/dinte)
- $z_c$ = Număr efectiv de dinţi pentru calculul vitezei de avans sau al avansului pe rotaţie
- n = RPM (rotaţii pe minut)
- $v_c$ = Viteza de aşchiere (sf/min)
- $v_f$ = Viteza de avans (sf/min)
- $z_n$ = Nr. de dinţi

## Abatere de la profilul standard al filetului




Frezarea de filete cu prelucrare în rampă prin interpolare elicoidală poate determina nerespectarea profilului filetului la utilizarea unei plăcuţe destinate filetelor parţiale. Reţineţi aceasta la alegerea sculei. Diametrul sculei trebuie să fie suficient de mic faţă de diametrul găurii. Trebuie luat în considerare și pasul.

Plăcuţele cu profil parţial pentru filete ISO metrice sunt scule cu utilizare multiplă. Aceasta înseamnă că fiecare plăcuţă poate prelucra diferite valori ale pasului. Plăcuţa este proiectată pentru a realiza dimensiunea minimă a pasului (TPN); Prelucrarea acestui pas va rezulta într-o formă de filet conformă standardului.

Mărimea maximă recomandată a pasului (TPX) poate fi prelucrată și cu ajutorul acestei plăcuţe, fără a respecta conformitatea standard: Rezultatul va fi un filet uşor mai adânc faţă de cel standard. Filetul mai adânc este, de obicei, acceptat, dar aplicaţia și utilizarea trebuie evaluate.

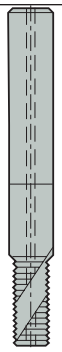
Următorul tabel prezintă recomandări privind diametrul maxim al sculei faţă de dimensiunea și pasul filetului:

**Filet ISO, profil parţial**

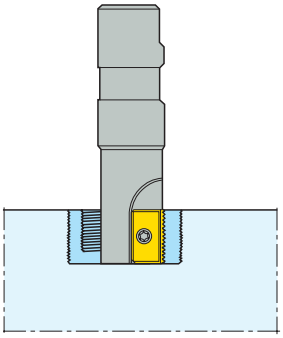
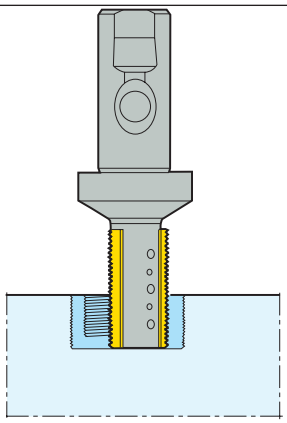
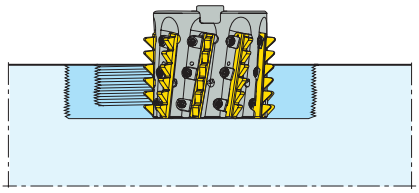
| Pas | M12 | M16 | M20 | M24 | M27 | M30 | M36 | M42 | M48 | M56 | M60 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 14 | 18 | 22 | 25 | 28 | 34 | 40 | 45 | 53 | 57 |
| 1,5 | 8 | 12 | 16 | 20 | 24 | 26 | 32 | 37 | 43 | 51 | 55 |
| 2 | 7 | 10 | 14 | 18 | 22 | 24 | 30 | 35 | 40 | 48 | 52 |
| 2,5 | 6 | 8 | 12 | 16 | 20 | 22 | 28 | 32 | 37 | 45 | 48 |
| 3 | | 6 | 10 | 14 | 18 | 20 | 26 | 30 | 36 | 43 | 47 |
| 3,5 | | | | 12 | 16 | 18 | 24 | 29 | 35 | 42 | 46 |
| 4 | | | | | | | 22 | 27 | 32 | 39 | 43 |
| 4,5 | | | | | | | | 24 | 30 | 37 | 40 |
| 5 | | | | | | | | 22 | 27 | 34 | 37 |
| 5,5 | | | | | | | | 20 | 25 | 31 | 35 |
| 6 | | | | | | | | 19 | 23 | 29 | 32 |

# Privire generală asupra utilizării frezelor

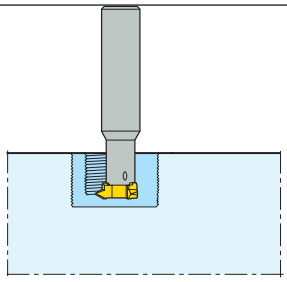
## Carbură solidă

| Threadmaster™ |
|---|
| <br>TM - Mărime filet M1-M20<br>Freză pentru filetare din carbură solidă |
| Pag. 202, 203-206 |

## Freză cu plăcuţă

| 396.18 | 396.19 | 396.20 |
|---|---|---|
| <br>Ø 12 mm (0.472”)<br>Freză pentru<br>filetare cu plăcuţe indexabile | <br>Ø 17-58 mm (0.669”-2.283”)<br>Freză pentru<br>filetare cu plăcuţe indexabile | <br>Ø 63 mm (2.480”)<br>Freză pentru<br>filetare cu plăcuţe indexabile |
| Pag. 211-212 | Pag. 211-214 | Pag. 216 |

## Sculă aşchietoare cu cap interschimbabil

| 335.14 |
|---|
| <br>Ø 11,7-27,7 mm (0.461”-1.091”)<br>Freză pentru<br>filetare cu plăcuţe indexabile |
| Pag. 226 |



## Threadmaster™

Frezele de filetat Threadmaster™ asigură filete de înaltă calitate la un cost redus per gaură. Atingând până la 100% din adâncime, frezele Threadmaster dispun de unghiuri înalte ale elicei, care reduc forţele de aşchiere şi elimină vibraţiile. Dispun de un substrat excelent din carbură şi acoperire TiCN (TM şi TM-900) sau acoperire TiAlN (TM-H şi DTM) pentru duritate ridicată şi rezistenţă la uzură la prelucrarea aluminiului, a oţelului, a oţelului inoxidabil şi a fontei.

Drilling Threadmaster este o unealtă multifuncţională, care realizează filetul prin găurire şi şanfrenare dintr-o singură trecere, pentru o calitate înaltă a filetului şi un cost redus per gaură.

- Anumite versiuni dispun de găuri pentru agent de răcire complet
- Fileturi între M4 şi M20
- Freze de filetat mini cu dimensiuni ale filetului între M1 - M2.5

# Codificări

## Threadmaster™

| TM | M10 | x | 1.5 | ISO | – | 10 | R1 | – | 900 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | | 5 | 6 | | 7 |

**1.**
DTM = Găurire Threadmaster™
TM = Threadmaster™ (2 x D)

**2.**
Diametru filetului (tdz) min

**3.**
Pas

**4.**
Forma filetului

**5.**
Diametru coadă

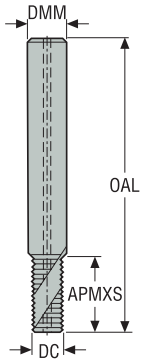
**6.**
Tipul părţii/cozii
R1 = Cilindrică

**7.**
Informaţii suplimentare

## Threadmaster™

Freză pentru filetare din carbură solidă






**Profilul filetului**
Metric rar, pentru filetare internă
Metric fin, pentru filetare internă
UNC, pentru filetare internă

—TM; 2 x D
—Unghiul șanfrenului STA = 45°
—Regimuri de așchiere, vezi pagina(paginile) 207

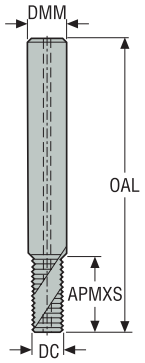
| Reper Nr. | Număr reper | TDZ | Pas | | Profilul filetului | DC | DMM | OAL | APMXS | NOF | Răcire interioară |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPX | TPIX | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | |
| TM-MF12X1.5ISO-12R1-H | 02827355 | M12 | 1,5 | – | Metric fin | 9,4<br>*0.370* | 12,0<br>*0.472* | 76,0<br>*2.992* | 17,9<br>*0.705* | 5 | |
| TM-MF12X1.5ISO-12R1 | 02827400 | M12 | 1,5 | – | Metric fin | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 24,8<br>*0.976* | 3 | ✓ |
| TM-MF12X1.5ISO-12R1-900 | 02827365 | M12 | 1,5 | – | Metric fin | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 24,8<br>*0.976* | 3 | ✓ |
| TM-MF10X1.0ISO-10R1 | 02827401 | M10 | 1,0 | – | Metric fin | 7,8<br>*0.307* | 10,0<br>*0.394* | 74,0<br>*2.913* | 20,5<br>*0.807* | 3 | ✓ |
| TM-MF6X0.75ISO-6R1 | 02827429 | M6 | 0,75 | – | Metric fin | 4,7<br>*0.185* | 6,0<br>*0.236* | 55,0<br>*2.165* | 12,4<br>*0.488* | 3 | |
| TM-MF5X0.5ISO-6R1 | 02827430 | M5 | 0,5 | – | Metric fin | 3,95<br>*0.156* | 6,0<br>*0.236* | 49,0<br>*1.929* | 10,3<br>*0.406* | 3 | |
| TM-MF4X0.5ISO-6R1 | 02827392 | M4 | 0,5 | – | Metric fin | 3,15<br>*0.124* | 6,0<br>*0.236* | 49,0<br>*1.929* | 8,3<br>*0.327* | 3 | |
| TM-MF16X1.5ISO-16R1-H | 02827357 | M16 | 1,5 | – | Metric fin | 12,82<br>*0.505* | 16,0<br>*0.630* | 94,0<br>*3.701* | 23,9<br>*0.941* | 5 | |
| TM-MF14X1.5ISO-14R1-H | 02827356 | M14 | 1,5 | – | Metric fin | 10,92<br>*0.430* | 14,0<br>*0.551* | 82,0<br>*3.228* | 21,4<br>*0.843* | 5 | |
| TM-M12X1.75ISO-12R1-H | 02827354 | M12 | 1,75 | – | Metric rar | 9,4<br>*0.370* | 12,0<br>*0.472* | 76,0<br>*2.992* | 17,5<br>*0.689* | 5 | |
| TM-M12X1.75ISO-12R1 | 02827403 | M12 | 1,75 | – | Metric rar | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 24,5<br>*0.965* | 3 | ✓ |
| TM-M12X1.75ISO-12R1-900 | 02827363 | M12 | 1,75 | – | Metric rar | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 24,5<br>*0.965* | 3 | ✓ |
| TM-M10X1.5ISO-10R1-H | 02827353 | M10 | 1,5 | – | Metric rar | 7,8<br>*0.307* | 10,0<br>*0.394* | 66,0<br>*2.598* | 15,0<br>*0.591* | 5 | |
| TM-M10X1.5ISO-10R1 | 02827404 | M10 | 1,5 | – | Metric rar | 7,8<br>*0.307* | 10,0<br>*0.394* | 74,0<br>*2.913* | 20,3<br>*0.799* | 3 | ✓ |
| TM-M10X1.5ISO-10R1-900 | 02827362 | M10 | 1,5 | – | Metric rar | 7,8<br>*0.307* | 10,0<br>*0.394* | 74,0<br>*2.913* | 20,3<br>*0.799* | 3 | ✓ |
| TM-M8X1.25ISO-8R1-H | 02827352 | M8 | 1,25 | – | Metric rar | 6,2<br>*0.244* | 8,0<br>*0.315* | 57,0<br>*2.244* | 12,5<br>*0.492* | 4 | |
| TM-M8X1.25ISO-8R1 | 02827405 | M8 | 1,25 | – | Metric rar | 6,2<br>*0.244* | 8,0<br>*0.315* | 62,0<br>*2.441* | 16,9<br>*0.665* | 3 | ✓ |
| TM-M8X1.25ISO-8R1-900 | 02827361 | M8 | 1,25 | – | Metric rar | 6,2<br>*0.244* | 8,0<br>*0.315* | 62,0<br>*2.441* | 16,9<br>*0.665* | 3 | ✓ |
| TM-M6X1.0ISO-6R1-H | 02827351 | M6 | 1,0 | – | Metric rar | 4,7<br>*0.185* | 6,0<br>*0.236* | 52,0<br>*2.047* | 8,5<br>*0.335* | 4 | |
| TM-M6X1.0ISO-6R1 | 02827406 | M6 | 1,0 | – | Metric rar | 4,7<br>*0.185* | 6,0<br>*0.236* | 55,0<br>*2.165* | 12,5<br>*0.492* | 3 | |
| TM-M6X1.0ISO-6R1-900 | 02827360 | M6 | 1,0 | – | Metric rar | 4,7<br>*0.185* | 6,0<br>*0.236* | 55,0<br>*2.165* | 12,5<br>*0.492* | 3 | |
| TM-M5X0.8ISO-6R1-H | 02827350 | M5 | 0,8 | – | Metric rar | 3,95<br>*0.156* | 6,0<br>*0.236* | 47,0<br>*1.850* | 7,2<br>*0.283* | 4 | |
| TM-M5X0.8ISO-6R1 | 02827407 | M5 | 0,8 | – | Metric rar | 3,95<br>*0.156* | 6,0<br>*0.236* | 49,0<br>*1.929* | 10,0<br>*0.394* | 3 | |
| TM-M5X0.8ISO-6R1-900 | 02827359 | M5 | 0,8 | – | Metric rar | 3,95<br>*0.156* | 6,0<br>*0.236* | 49,0<br>*1.929* | 10,0<br>*0.394* | 3 | |

| Reper Nr. | Număr reper | TDZ | Pas | | Profilul filetului | DC | DMM | OAL | APMXS | NOF | Răcire interioară |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPX | TPIX | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | |
| TM-M4X0.7ISO-6R1-H | 02827349 | M4 | 0,7 | – | Metric rar | 3,15<br>*0.124* | 6,0<br>*0.236* | 46,0<br>*1.811* | 6,3<br>*0.248* | 4 | |
| TM-M4X0.7ISO-6R1 | 02827408 | M4 | 0,7 | – | Metric rar | 3,15<br>*0.124* | 6,0<br>*0.236* | 49,0<br>*1.929* | 8,0<br>*0.315* | 3 | |
| TM-M4X0.7ISO-6R1-900 | 02827358 | M4 | 0,7 | – | Metric rar | 3,15<br>*0.124* | 6,0<br>*0.236* | 49,0<br>*1.929* | 8,0<br>*0.315* | 3 | |
| TM-M20X2.5ISO-20R1 | 02827348 | M20 | 2,5 | – | Metric rar | 15,83<br>*0.623* | 20,0<br>*0.787* | 108,0<br>*4.252* | 40,0<br>*1.575* | 4 | ✓ |
| TM-M14X2.0ISO-14R1 | 02827402 | M14 | 2,0 | – | Metric rar | 10,9<br>*0.429* | 14,0<br>*0.551* | 89,0<br>*3.504* | 29,0<br>*1.142* | 4 | ✓ |
| TM-M14X2.0ISO-14R1-900 | 02827364 | M14 | 2,0 | – | Metric rar | 10,9<br>*0.429* | 14,0<br>*0.551* | 89,0<br>*3.504* | 29,0<br>*1.142* | 4 | ✓ |
| TM-1/2X13UNC-12R1 | 02827494 | 1/2 | – | 13.0 | UNC | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 26,4<br>*1.039* | 3 | ✓ |
| TM-7/16X14UNC-12R1 | 02827398 | 7/16 | – | 14.0 | UNC | 8,55<br>*0.337* | 12,0<br>*0.472* | 79,0<br>*3.110* | 22,7<br>*0.894* | 3 | ✓ |
| TM-3/8X16UNC-10R1 | 02827399 | 3/8 | – | 16.0 | UNC | 7,35<br>*0.289* | 10,0<br>*0.394* | 74,0<br>*2.913* | 19,8<br>*0.780* | 3 | ✓ |
| TM-5/16X18UNC-8R1 | 02827495 | 5/16 | – | 18.0 | UNC | 6,2<br>*0.244* | 8,0<br>*0.315* | 62,0<br>*2.441* | 16,2<br>*0.638* | 3 | ✓ |
| TM-1/4X20UNC-6R1 | 02827511 | 1/4 | – | 20.0 | UNC | 4,7<br>*0.185* | 6,0<br>*0.236* | 55,0<br>*2.165* | 14,6<br>*0.575* | 3 | |
| TM-NR.10X24UNC-6R1 | 02827491 | No.10 | – | 24.0 | UNC | 3,7<br>*0.146* | 6,0<br>*0.236* | 49,0<br>*1.929* | 10,1<br>*0.398* | 3 | |
| TM-9/16X12UNC-14R1 | 02827493 | 9/16 | – | 12.0 | UNC | 10,9<br>*0.429* | 14,0<br>*0.551* | 89,0<br>*3.504* | 30,7<br>*1.209* | 4 | ✓ |

## Threadmaster™

Freză pentru filetare din carbură solidă






**Profilul filetului**
UNF, pentru filetare internă
NPT, pentru filetare internă și externă
NPTF, pentru filetare internă și externă
BSP, pentru filetare internă și externă

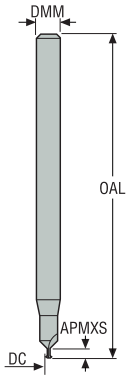
—TM; 2 x D
—Unghi șanfrenare = 45°
—Regimuri de așchiere, vezi pagina(paginile) 207

| Reper Nr. | Număr reper | TDZ | Pas | | Profilul filetului | DC | DMM | OAL | APMXS | NOF | Răcire interioară |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPX | TPIX | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | |
| TM-1/8X28W-10R1 | 02827431 | 1/8 | – | 28.0 | BSP | 7,8<br>*0.307* | 10,0<br>*0.394* | 74,0<br>*2.913* | 20,4<br>*0.803* | 3 | ✓ |
| TM-3/8X19W-18R1 | 02765294 | 3/8 | – | 19.0 | BSP | 13,9<br>*0.547* | 18,0<br>*0.709* | 102,0<br>*4.016* | 35,4<br>*1.394* | 4 | ✓ |
| TM-1/4X19W-14R1 | 02543519 | 1/4 | – | 19.0 | BSP | 10,9<br>*0.429* | 14,0<br>*0.551* | 89,0<br>*3.504* | 27,4<br>*1.079* | 4 | ✓ |
| TM-1/8X27NPT-12R1 | 02827435 | 1/8 | – | 27.0 | NPT | 7,8<br>*0.307* | 12,0<br>*0.472* | 70,0<br>*2.756* | 8,9<br>*0.350* | 3 | ✓ |
| TM-3/8X18NPT-18R1 | 02827409 | 3/8 | – | 18.0 | NPT | 13,45<br>*0.530* | 18,0<br>*0.709* | 81,0<br>*3.189* | 13,4<br>*0.528* | 4 | ✓ |
| TM-1/4X18NPT-16R1 | 02827434 | 1/4 | – | 18.0 | NPT | 10,05<br>*0.396* | 16,0<br>*0.630* | 81,0<br>*3.189* | 13,4<br>*0.528* | 4 | ✓ |
| TM-1/8X27NPTF-12R1 | 02827433 | 1/8 | – | 27.0 | NPTF | 7,7<br>*0.303* | 12,0<br>*0.472* | 70,0<br>*2.756* | 8,9<br>*0.350* | 3 | ✓ |
| TM-3/8X18NPTF-18R1 | 02827410 | 3/8 | – | 18.0 | NPTF | 13,4<br>*0.528* | 18,0<br>*0.709* | 81,0<br>*3.189* | 13,4<br>*0.528* | 4 | ✓ |
| TM-1/4X18NPTF-16R1 | 02827432 | 1/4 | – | 18.0 | NPTF | 10,0<br>*0.394* | 16,0<br>*0.630* | 81,0<br>*3.189* | 13,4<br>*0.528* | 4 | ✓ |
| TM-1/2X20UNF-12R1 | 02827393 | 1/2 | – | 20.0 | UNF | 9,4<br>*0.370* | 12,0<br>*0.472* | 79,0<br>*3.110* | 26,0<br>*1.024* | 3 | ✓ |
| TM-7/16X20UNF-12R1 | 02827394 | 7/16 | – | 20.0 | UNF | 9,32<br>*0.367* | 12,0<br>*0.472* | 79,0<br>*3.110* | 22,2<br>*0.874* | 3 | ✓ |
| TM-3/8X24UNF-10R1 | 02827395 | 3/8 | – | 24.0 | UNF | 7,8<br>*0.307* | 10,0<br>*0.394* | 74,0<br>*2.913* | 19,6<br>*0.772* | 3 | ✓ |
| TM-5/16X24UNF-8R1 | 02765298 | 5/16 | – | 24.0 | UNF | 6,2<br>*0.244* | 8,0<br>*0.315* | 62,0<br>*2.441* | 16,4<br>*0.646* | 3 | ✓ |
| TM-1/4X28UNF-6R1 | 02827396 | 1/4 | – | 28.0 | UNF | 4,7<br>*0.185* | 6,0<br>*0.236* | 55,0<br>*2.165* | 14,1<br>*0.555* | 3 | |
| TM-NR.10X32UNF-6R1 | 02827397 | No.10 | – | 32.0 | UNF | 3,95<br>*0.156* | 6,0<br>*0.236* | 49,0<br>*1.929* | 9,9<br>*0.390* | 3 | |
| TM-9/16X18UNF-14R1 | 02827492 | 9/16 | – | 18.0 | UNF | 10,9<br>*0.429* | 14,0<br>*0.551* | 89,0<br>*3.504* | 28,9<br>*1.138* | 4 | ✓ |

## Threadmaster™ – TM-Mini

Freză pentru filetare din carbură solidă






**Profilul filetului**
Metric rar, pentru filetare internă

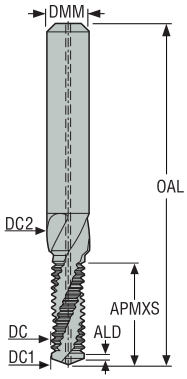
—Freză pe stânga
—TM : 1.5 x D
—Unghi șanfrenare = 90°
—Regimuri de așchiere, vezi pagina(paginile) 207

| Reper Nr. | Număr reper | TDZ | Pas | | Profilul filetului | DC | DMM | OAL | APMXS | NOF |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPX | TPIX | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | |
| TM-M2.5X0.45ISO-3R1-H | 02807944 | M2.5 | 0,45 | – | Metric rar | 2,01<br>*0.079* | 3,0<br>*0.118* | 40,0<br>*1.575* | 4,45<br>*0.175* | 3 |
| TM-M2.2X0.45ISO-3R1-H | 02807943 | M2.2 | 0,45 | – | Metric rar | 1,71<br>*0.067* | 3,0<br>*0.118* | 40,0<br>*1.575* | 3,9<br>*0.154* | 2 |
| TM-M2.0X0.40ISO-3R1-H | 02807942 | M2.0 | 0,4 | – | Metric rar | 1,56<br>*0.061* | 3,0<br>*0.118* | 40,0<br>*1.575* | 3,74<br>*0.147* | 2 |
| TM-M1.6X0.35ISO-3R1-H | 02807941 | M1.6 | 0,35 | – | Metric rar | 1,15<br>*0.045* | 3,0<br>*0.118* | 40,0<br>*1.575* | 3,07<br>*0.121* | 2 |
| TM-M1.4X0.30ISO-3R1-H | 02807940 | M1.4 | 0,3 | – | Metric rar | 0,97<br>*0.038* | 3,0<br>*0.118* | 40,0<br>*1.575* | 2,63<br>*0.104* | 2 |

## Drilling Threadmaster™

Freză pentru filetare din carbură solidă






**Profilul filetului**
* = Metric rar
** = Metric fin
*** = UNC
**** = UNF
***** = BSP

—DTM: 2 x D
—Unghi șanfrenare = 90°
—Vârf burghiu = 140°
—Regimuri de așchiere, vezi pagina(paginile) 208

| Reper Nr. | Număr reper | TDZ | Pas | | Profilul filetului | DC | DC1 | DC2 | DMM | OAL | ALD | APMXS | NOF | Răcire interioară |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPX | TPIX | | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | |
| DTM-M12X1.75ISO-14R1 | 02827371 | M12 | 1,75 | – | * | 9,74<br>*0.383* | 10,25<br>*0.404* | 12,3<br>*0.484* | 14,0<br>*0.551* | 89,0<br>*3.504* | 1,5<br>*0.059* | 27,06<br>*1.065* | 2 | ✓ |
| DTM-M10X1.5ISO-12R1 | 02827370 | M10 | 1,5 | – | * | 8,08<br>*0.318* | 8,5<br>*0.335* | 10,3<br>*0.406* | 12,0<br>*0.472* | 79,0<br>*3.110* | 1,5<br>*0.059* | 23,37<br>*0.920* | 2 | ✓ |
| DTM-M8X1.25ISO-10R1 | 02827369 | M8 | 1,25 | – | * | 6,45<br>*0.254* | 6,75<br>*0.266* | 8,3<br>*0.327* | 10,0<br>*0.394* | 74,0<br>*2.913* | 1,2<br>*0.047* | 18,17<br>*0.715* | 2 | ✓ |
| DTM-M6X1.0ISO-8R1 | 02827368 | M6 | 1,0 | – | * | 4,85<br>*0.191* | 5,0<br>*0.197* | 6,3<br>*0.248* | 8,0<br>*0.315* | 62,0<br>*2.441* | 1,0<br>*0.039* | 14,49<br>*0.570* | 2 | ✓ |
| DTM-M5X0.8ISO-6R1 | 02827367 | M5 | 0,8 | – | * | 4,1<br>*0.161* | 4,2<br>*0.165* | 5,3<br>*0.209* | 6,0<br>*0.236* | 55,0<br>*2.165* | 0,8<br>*0.031* | 11,65<br>*0.459* | 2 | ✓ |
| DTM-M4X0.7ISO-6R1 | 02827366 | M4 | 0,7 | – | * | 3,24<br>*0.128* | 3,3<br>*0.130* | 4,3<br>*0.169* | 6,0<br>*0.236* | 49,0<br>*1.929* | 0,7<br>*0.028* | 9,42<br>*0.371* | 2 | ✓ |
| DTM-M16X2.0ISO-18R1 | 02827373 | M16 | 2,0 | – | * | 13,28<br>*0.523* | 14,0<br>*0.551* | 16,3<br>*0.642* | 18,0<br>*0.709* | 102,0<br>*4.016* | 1,5<br>*0.059* | 37,12<br>*1.461* | 2 | ✓ |
| DTM-M14X2.0ISO-16R1 | 02827372 | M14 | 2,0 | – | * | 11,36<br>*0.447* | 12,0<br>*0.472* | 14,3<br>*0.563* | 16,0<br>*0.630* | 102,0<br>*4.016* | 1,5<br>*0.059* | 32,77<br>*1.290* | 2 | ✓ |
| DTM-MF10X1.0ISO-12R1 | 02827375 | M10 | 1,0 | – | ** | 8,75<br>*0.344* | 9,0<br>*0.354* | 10,3<br>*0.406* | 12,0<br>*0.472* | 79,0<br>*3.110* | 1,5<br>*0.059* | 23,18<br>*0.913* | 2 | ✓ |
| DTM-MF8X1.0ISO-10R1 | 02827374 | M8 | 1,0 | – | ** | 6,79<br>*0.267* | 7,0<br>*0.276* | 8,3<br>*0.327* | 10,0<br>*0.394* | 74,0<br>*2.913* | 1,0<br>*0.039* | 18,8<br>*0.740* | 2 | ✓ |
| DTM-MF12X1.5ISO-14R1 | 02827376 | M12 | 1,5 | – | ** | 10,06<br>*0.396* | 10,5<br>*0.413* | 12,3<br>*0.484* | 14,0<br>*0.551* | 89,0<br>*3.504* | 1,5<br>*0.059* | 28,19<br>*1.110* | 2 | ✓ |
| DTM-1/2X13UNC-14R1 | 02827380 | 1/2 | – | 13.0 | *** | 9,87<br>*0.389* | 10,75<br>*0.423* | 13,0<br>*0.512* | 14,0<br>*0.551* | 89,0<br>*3.504* | 1,5<br>*0.059* | 30,07<br>*1.184* | 2 | ✓ |
| DTM-3/8X16UNC-12R1 | 02827379 | 3/8 | – | 16.0 | *** | 7,36<br>*0.290* | 7,94<br>*0.313* | 9,83<br>*0.387* | 12,0<br>*0.472* | 79,0<br>*3.110* | 1,5<br>*0.059* | 22,97<br>*0.904* | 2 | ✓ |
| DTM-5/16X18UNC-10R1 | 02827378 | 5/16 | – | 18.0 | *** | 6,01<br>*0.237* | 6,53<br>*0.257* | 8,24<br>*0.324* | 10,0<br>*0.394* | 74,0<br>*2.913* | 1,4<br>*0.055* | 19,0<br>*0.748* | 2 | ✓ |
| DTM-1/4X20UNC-8R1 | 02827377 | 1/4 | – | 20.0 | *** | 4,7<br>*0.185* | 5,08<br>*0.200* | 6,65<br>*0.262* | 8,0<br>*0.315* | 62,0<br>*2.441* | 1,2<br>*0.047* | 15,71<br>*0.619* | 2 | ✓ |
| DTM-3/8X24UNF-12R1 | 02827383 | 3/8 | – | 24.0 | **** | 8,07<br>*0.318* | 8,47<br>*0.333* | 9,83<br>*0.387* | 12,0<br>*0.472* | 79,0<br>*3.110* | 1,1<br>*0.043* | 21,2<br>*0.835* | 2 | ✓ |
| DTM-5/16X24UNF-10R1 | 02827382 | 5/16 | – | 24.0 | **** | 6,51<br>*0.256* | 6,88<br>*0.271* | 8,24<br>*0.324* | 10,0<br>*0.394* | 74,0<br>*2.913* | 1,1<br>*0.043* | 18,83<br>*0.741* | 2 | ✓ |
| DTM-1/4X28UNF-8R1 | 02827381 | 1/4 | – | 28.0 | **** | 5,17<br>*0.204* | 5,44<br>*0.214* | 6,65<br>*0.262* | 8,0<br>*0.315* | 62,0<br>*2.441* | 0,9<br>*0.035* | 15,16<br>*0.597* | 2 | ✓ |
| DTM-1/2X20UNF-14R1 | 02827384 | 1/2 | – | 20.0 | **** | 10,88<br>*0.428* | 11,43<br>*0.450* | 13,0<br>*0.512* | 14,0<br>*0.551* | 89,0<br>*3.504* | 1,3<br>*0.051* | 28,19<br>*1.110* | 2 | ✓ |
| DTM-1/8X28W-12R1 | 02827385 | 1/8 | – | 28.0 | ***** | 8,4<br>*0.331* | 8,71<br>*0.343* | 10,03<br>*0.395* | 12,0<br>*0.472* | 79,0<br>*3.110* | 0,9<br>*0.035* | 22,03<br>*0.867* | 2 | ✓ |
| DTM-1/4X19W-16R1 | 02827386 | 1/4 | – | 19.0 | ***** | 11,44<br>*0.450* | 11,67<br>*0.459* | 13,46<br>*0.530* | 16,0<br>*0.630* | 102,0<br>*4.016* | 1,3<br>*0.051* | 29,45<br>*1.159* | 2 | ✓ |

## Plăcuţe / Regimuri de așchiere metric *Inci*

| SMG | TM | | TM-900 | | TM-H | | TM-MINI | |
|---|---|---|---|---|---|---|---|---|
| | $f_z$ | $v_c$ | $f_z$ | $v_c$ | $f_z$ | $v_c$ | $f_z$ | $v_c$ |
| P1 | 0,010 | 145 | — | — | — | — | — | — |
| | *0.00040* | *475* | — | — | — | — | — | — |
| P2 | 0,010 | 140 | — | — | — | — | — | — |
| | *0.00040* | *460* | — | — | — | — | — | — |
| P3 | 0,0095 | 120 | — | — | — | — | — | — |
| | *0.00038* | *395* | — | — | — | — | — | — |
| P4 | 0,0095 | 105 | 0,0040 | 105 | — | — | — | — |
| | *0.00038* | *345* | *0.00016* | *345* | — | — | — | — |
| P5 | 0,0090 | 100 | 0,0040 | 100 | — | — | — | — |
| | *0.00036* | *330* | *0.00016* | *330* | — | — | — | — |
| P6 | 0,0090 | 115 | 0,0040 | 115 | — | — | — | — |
| | *0.00036* | *375* | *0.00016* | *375* | — | — | — | — |
| P7 | 0,0090 | 110 | 0,0040 | 110 | — | — | — | — |
| | *0.00036* | *360* | *0.00016* | *360* | — | — | — | — |
| P8 | 0,0095 | 100 | 0,0042 | 100 | — | — | — | — |
| | *0.00038* | *330* | *0.00017* | *330* | — | — | — | — |
| P11 | 0,0090 | 105 | 0,0040 | 105 | — | — | — | — |
| | *0.00036* | *345* | *0.00016* | *345* | — | — | — | — |
| P12 | 0,0060 | 60 | 0,0028 | 60 | — | — | — | — |
| | *0.00024* | *195* | *0.00011* | *195* | — | — | — | — |
| M1 | 0,010 | 100 | 0,0044 | 100 | — | — | — | — |
| | *0.00040* | *330* | *0.00017* | *330* | — | — | — | — |
| M2 | 0,0090 | 80 | 0,0040 | 80 | — | — | — | — |
| | *0.00036* | *260* | *0.00016* | *260* | — | — | — | — |
| M3 | 0,0075 | 60 | 0,0032 | 60 | — | — | — | — |
| | *0.00030* | *195* | *0.00013* | *195* | — | — | — | — |
| M4 | 0,0065 | 47 | 0,0028 | 47 | — | — | — | — |
| | *0.00026* | *155* | *0.00011* | *155* | — | — | — | — |
| M5 | 0,0065 | 39 | 0,0028 | 39 | — | — | — | — |
| | *0.00026* | *130* | *0.00011* | *130* | — | — | — | — |
| K1 | 0,010 | 145 | 0,0044 | 100 | — | — | — | — |
| | *0.00040* | *475* | *0.00017* | *330* | — | — | — | — |
| K2 | 0,0090 | 125 | 0,0040 | 90 | — | — | — | — |
| | *0.00036* | *410* | *0.00016* | *295* | — | — | — | — |
| K3 | 0,0090 | 105 | 0,0040 | 75 | — | — | — | — |
| | *0.00036* | *345* | *0.00016* | *245* | — | — | — | — |
| K4 | 0,0090 | 100 | 0,0040 | 70 | — | — | — | — |
| | *0.00036* | *330* | *0.00016* | *230* | — | — | — | — |
| K5 | 0,0080 | 60 | 0,0036 | 42 | — | — | — | — |
| | *0.00032* | *195* | *0.00014* | *140* | — | — | — | — |
| K6 | 0,0090 | 90 | 0,0040 | 65 | — | — | — | — |
| | *0.00036* | *295* | *0.00016* | *215* | — | — | — | — |
| K7 | 0,0080 | 80 | 0,0036 | 55 | — | — | — | — |
| | *0.00032* | *260* | *0.00014* | *180* | — | — | — | — |
| N1 | 0,013 | 395 | 0,0055 | 335 | — | — | — | — |
| | *0.00050* | *1300* | *0.00022* | *1100* | — | — | — | — |
| N2 | 0,013 | 255 | 0,0055 | 215 | — | — | — | — |
| | *0.00050* | *840* | *0.00022* | *710* | — | — | — | — |
| N3 | 0,013 | 170 | 0,0055 | 145 | — | — | — | — |
| | *0.00050* | *560* | *0.00022* | *475* | — | — | — | — |
| N11 | 0,013 | 225 | 0,0055 | 195 | — | — | — | — |
| | *0.00050* | *740* | *0.00022* | *640* | — | — | — | — |
| S1 | 0,0065 | 50 | 0,0028 | 20 | — | — | — | — |
| | *0.00026* | *165* | *0.00011* | *65* | — | — | — | — |
| S2 | 0,0065 | 41 | 0,0028 | 15 | — | — | — | — |
| | *0.00026* | *135* | *0.00011* | *49* | — | — | — | — |
| S3 | 0,0060 | 20 | 0,0026 | 10 | — | — | — | — |
| | *0.00024* | *65* | *0.00010* | *33* | — | — | — | — |
| S11 | 0,0075 | 105 | 0,0032 | 40 | — | — | — | — |
| | *0.00030* | *345* | *0.00013* | *130* | — | — | — | — |
| S12 | 0,0075 | 80 | 0,0032 | 31 | — | — | — | — |
| | *0.00030* | *260* | *0.00013* | *100* | — | — | — | — |
| S13 | 0,0065 | 65 | 0,0028 | 24 | — | — | — | — |
| | *0.00026* | *215* | *0.00011* | *80* | — | — | — | — |
| H3 | — | — | — | — | 0,0016 | 19 | 0,0022 | 11 |
| | — | — | — | — | *0.000065* | *60* | *0.000085* | *36* |
| H5 | — | — | — | — | 0,0025 | 36 | 0,0032 | 21 |
| | — | — | — | — | *0.00010* | *120* | *0.00013* | *70* |
| H7 | — | — | — | — | 0,0016 | 19 | 0,0022 | 11 |
| | — | — | — | — | *0.000065* | *60* | *0.000085* | *36* |
| H8 | — | — | — | — | 0,0019 | 36 | 0,0025 | 21 |
| | — | — | — | — | *0.000075* | *120* | *0.00010* | *70* |
| H11 | — | — | — | — | 0,0025 | 45 | 0,0032 | 26 |
| | — | — | — | — | *0.00010* | *150* | *0.00013* | *85* |
| H12 | — | — | — | — | 0,0019 | 41 | 0,0025 | 24 |
| | — | — | — | — | *0.000075* | *135* | *0.00010* | *80* |
| H21 | — | — | — | — | 0,0019 | 36 | 0,0025 | 21 |
| | — | — | — | — | *0,0019* | *36* | *0,0025* | *21* |
| H31 | — | — | — | — | – | – | – | – |

## Regimuri de așchire Threadmaster™, filetare prin frezare metric *inci*

| SMG | DTM | |
|---|---|---|
| | $f_z$ | $v_c$ |
| K1 | 0,0065<br>*0.00026* | 175<br>*570* |
| K2 | 0,0060<br>*0.00024* | 155<br>*510* |
| K3 | 0,0060<br>*0.00024* | 130<br>*425* |
| K4 | 0,0060<br>*0.00024* | 125<br>*410* |
| K5 | 0,0055<br>*0.00022* | 75<br>*245* |
| K6 | 0,0060<br>*0.00024* | 110<br>*360* |
| K7 | 0,0055<br>*0.00022* | 95<br>*310* |
| N1 | 0,0085<br>*0.00034* | 400<br>*1300* |
| N2 | 0,0085<br>*0.00034* | 255<br>*840* |
| N3 | 0,0085<br>*0.00034* | 170<br>*560* |
| N11 | 0,0085<br>*0.00034* | 225<br>*740* |

## Regimuri de așchire Threadmaster™, găurire metric *inci*

| SMG | f | | | | | | $v_c$ |
|---|---|---|---|---|---|---|---|
| | Ø 3.01-5.0<br>Ø 0.118-0.196 | Ø 5.01-7.0<br>Ø 0.197-0.275 | Ø 7.01-9.0<br>Ø 0.276-0.354 | Ø 9.01-11.0<br>Ø 0.355-0.433 | Ø 11.01-13.0<br>Ø 0.434-0.511 | Ø 13.01-15.0<br>Ø 0.512-0.590 | |
| K1 | 0,12<br>*0.0048* | 0,15<br>*0.0060* | 0,18<br>*0.0070* | 0,19<br>*0.0075* | 0,22<br>*0.0085* | 0,25<br>*0.010* | 170<br>*560* |
| K2 | 0,11<br>*0.0044* | 0,13<br>*0.0050* | 0,16<br>*0.0065* | 0,17<br>*0.0065* | 0,20<br>*0.0080* | 0,22<br>*0.0085* | 150<br>*490* |
| K3 | 0,11<br>*0.0044* | 0,13<br>*0.0050* | 0,16<br>*0.0065* | 0,17<br>*0.0065* | 0,20<br>*0.0080* | 0,22<br>*0.0085* | 125<br>*410* |
| K4 | 0,11<br>*0.0044* | 0,13<br>*0.0050* | 0,16<br>*0.0065* | 0,17<br>*0.0065* | 0,20<br>*0.0080* | 0,22<br>*0.0085* | 120<br>*395* |
| K5 | 0,095<br>*0.0038* | 0,12<br>*0.0048* | 0,14<br>*0.0055* | 0,16<br>*0.0065* | 0,18<br>*0.0070* | 0,20<br>*0.0080* | 70<br>*230* |
| K6 | 0,11<br>*0.0044* | 0,13<br>*0.0050* | 0,16<br>*0.0065* | 0,17<br>*0.0065* | 0,20<br>*0.0080* | 0,22<br>*0.0085* | 105<br>*345* |
| K7 | 0,095<br>*0.0038* | 0,12<br>*0.0048* | 0,14<br>*0.0055* | 0,16<br>*0.0065* | 0,18<br>*0.0070* | 0,20<br>*0.0080* | 90<br>*295* |
| N1 | 0,15<br>*0.0060* | 0,19<br>*0.0075* | 0,22<br>*0.0085* | 0,24<br>*0.0095* | 0,28<br>*0.011* | 0,32<br>*0.013* | 390<br>*1275* |
| N2 | 0,15<br>*0.0060* | 0,19<br>*0.0075* | 0,22<br>*0.0085* | 0,24<br>*0.0095* | 0,28<br>*0.011* | 0,32<br>*0.013* | 250<br>*820* |
| N3 | 0,15<br>*0.0060* | 0,19<br>*0.0075* | 0,22<br>*0.0085* | 0,24<br>*0.0095* | 0,28<br>*0.011* | 0,32<br>*0.013* | 165<br>*540* |
| N11 | 0,15<br>*0.0060* | 0,19<br>*0.0075* | 0,22<br>*0.0085* | 0,24<br>*0.0095* | 0,28<br>*0.011* | 0,32<br>*0.013* | 220<br>*720* |

SMG = Grupa de material Seco
$f_z$ = mm/dinte (mm/
f = mm/rev
$v_c$= m/min
Toţi parametri sunt valori de start



## Filetare prin frezare indexabilă

Frezele de filetat Seco 396.18/19/20 sunt scule de prelucrare versatile și rentabile pentru oricine lucrează cu o varietate de filete, piese și materiale de piese de prelucrat pe aceeași mașină. Sculele aşchietoare cu plăcuţe indexabile multi-dinte utilizează o plăcuţă multi-dinte cu două părţi, cu diametru de peste 14 mm pentru filetare atât internă, cât și externă.

— Sunt disponibile plăcuţe cu diverse profile ale filetului și diferiţi paşi
— Scule aşchietoare multi-dinte pentru productivitate ridicată
— Tipuri de coadă Arbor, Weldon și SecoWeldon

# Codificări

## R396.18/19/20

| R396.19 | – | 25 | 22 | . | 3S | – | 4003 | – | 3 | – | 065 | A | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | | 4 | | 5 | | 6 | | 7 | 8 | 9 |

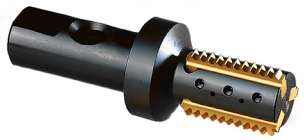
| 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. |
|---|---|---|---|---|---|---|---|---|
| Freza | Diametru coadă | Dia freză | Seco-Weldon | Dimens. plăcuţă | Numărul de plăcuţe | Lungime utilizabilă | Agent de răcire complet | Concept actualizat |

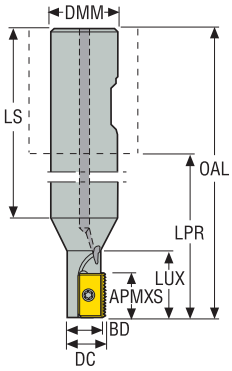
## Plăcuţă 396.19/20

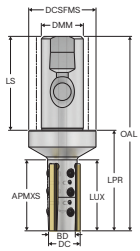
| R | 396.19 | – | 4003.0 | E | – | 1.0 | ISO |
|---|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | | 5 | 6 |

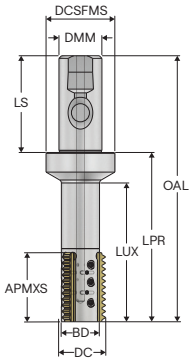
| 1. | 2. | 3. | 4. | 5. | 6. |
|---|---|---|---|---|---|
| Partea sculei folosită la filet conic | Tipul plăcuţei | Dimens. plăcuţă | E=Extern<br>N=Intern<br>X=Ext. şi Int. | Pas | Forma filetului |

## R396.18/R396.19





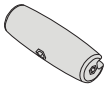




—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—Note: Tip de montare * = Weldon
—Note: Tip de montare ** = Seco-Weldon
—GAMO -15°
—GAMP 0°
—GAMF -15°

| Reper Nr. | Număr reper | DC | APMXS | BD | LPR | LUX | LS | OAL | DCSFMS | DMM | Greutate | NOF | RPMX | Notă | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | | | | |
| R396.19-3236.3S-4005-6AM | 02546917 | 36,0 | 40,0 | 28,2 | 60,0 | 42,0 | 60,0 | 120,0 | 50,0 | 32,0 | 0,7 | 6 | 11200 | ** | 396.19-4005 |
| R396.19-3232.3S-4003-6AM | 02546915 | 32,0 | 40,0 | 27,4 | 60,0 | 43,0 | 60,0 | 120,0 | 50,0 | 32,0 | 0,7 | 6 | 16800 | ** | 396.19-4003 |
| R396.19-2530.3S-4005-3AM | 02546916 | 30,0 | 40,0 | 23,0 | 60,0 | 43,0 | 56,0 | 116,0 | 40,0 | 25,0 | 0,5 | 3 | 12000 | ** | 396.19-4005 |
| R396.19-2530.3S-4005-3-080AM | 02544662 | 30,0 | 40,0 | 22,2 | 98,0 | 80,0 | 56,0 | 154,0 | 40,0 | 25,0 | 0,6 | 3 | 12000 | ** | 396.19-4005 |
| R396.19-2525.3S-4005-2AM | 02544660 | 25,0 | 40,0 | 19,0 | 60,0 | 43,0 | 56,0 | 116,0 | 40,0 | 25,0 | 0,4 | 2 | 13600 | ** | 396.19-4005 |
| R396.19-2522.3S-4003-3AM | 02514532 | 22,0 | 40,0 | 17,6 | 60,0 | 43,0 | 56,0 | 116,0 | 40,0 | 25,0 | 0,4 | 3 | 20000 | ** | 396.19-4003 |
| R396.19-2522.3S-4003-3-065AM | 02546918 | 22,0 | 40,0 | 17,6 | 84,0 | 65,0 | 56,0 | 140,0 | 40,0 | 25,0 | 0,5 | 3 | 20000 | ** | 396.19-4003 |
| R396.19-2517.3S-4003-2AM | 02534461 | 17,0 | 25,0 | 13,0 | 60,0 | 26,0 | 56,0 | 116,0 | 40,0 | 25,0 | 0,5 | 2 | 22400 | ** | 396.19-4003 |
| R396.18-2012.3-13A | 75036662 | 12,0 | 13,0 | 10,0 | 38,0 | 20,0 | 67,0 | 105,0 | – | 20,0 | 0,3 | 1 | 30000 | * | 13.MS |

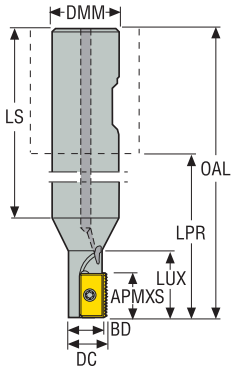
### Piese de schimb, Piese incluse la livrare

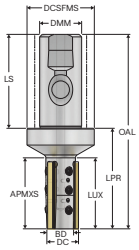
| Pentru portsculă | Şurub de strângere | Cheie plăcuţă | Şurub plăcuţă | Cheie (tip T) |
|---|---|---|---|---|
| |  |  |  |  |
| R396.18 | – | H4B-T07P | C02506-T07P | DOUBLE-T |
| R396.19 | P6SS4X4-T09P | T09P-2 | – | – |

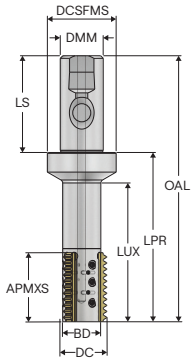
**Reţineţi!** La frezarea fileturilor la diametre mai mici decât cele indicate pentru o anumită combinaţie de pas/freză, va rezulta o formă incorectă a filetului.
**Reţineţi!** R396.19-2525.3S-4005-2AM poate realiza max. pas mărimea 4,5 ISO/6 TPI.
*Cheie dinamometrică T00-07P09, T00-09P20.

## R396.18/R396.19





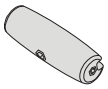




—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—Note: Tip de montare * = Weldon
—Note: Tip de montare ** = Seco-Weldon
—GAMO -15°
—GAMP 0°
—GAMF -15°

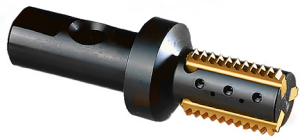
| Reper Nr. | Număr reper | DC | APMXS | BD | LPR | LUX | LS | OAL | DCSFMS | DMM | Greutate | NOF | RPMX | Notă | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | | | | |
| R396.18-00.39-3-13AT | 00087568 | 0.390 | 0.510 | 0.310 | – | 0.530 | 3.610 | 4.140 | – | 0.750 | 0.4 | 1 | 30000 | * | 13.. |
| R396.19-01.42-3S-4005-6AM | 02546947 | 1.417 | 1.575 | 1.142 | 2.362 | 1.654 | 2.343 | 4.705 | 1.969 | 1.250 | 1.5 | 6 | 11200 | ** | 396.19-4005 |
| R396.19-01.25-3S-4003-6AM | 02546941 | 1.260 | 1.575 | 1.102 | 2.362 | 1.654 | 2.343 | 4.547 | 1.969 | 1.250 | 1.5 | 6 | 16800 | ** | 396.19-4003 |
| R396.19-01.18-3S-4005-3AM | 02546946 | 1.181 | 1.575 | 0.906 | 2.362 | 1.693 | 2.185 | 4.547 | 1.575 | 1.000 | 1.1 | 3 | 12000 | ** | 396.19-4005 |
| R396.19-01.18-3S-4005-LAM | 02546954 | 1.181 | 1.575 | 0.906 | 3.858 | 3.150 | 2.185 | 6.043 | 1.575 | 1.000 | 1.3 | 3 | 12000 | ** | 396.19-4005 |
| R396.19-01.00-3S-4005-2AM | 02546944 | 0.984 | 1.575 | 0.748 | 2.362 | 1.693 | 2.185 | 4.547 | 1.575 | 1.000 | 1.1 | 2 | 13600 | ** | 396.19-4005 |
| R396.19-00.87-3S-4003-3AM | 02546938 | 0.866 | 1.575 | 0.709 | 2.362 | 1.693 | 2.185 | 4.547 | 1.575 | 1.000 | 0.9 | 3 | 20000 | ** | 396.19-4003 |
| R396.19-00.87-3S-4003-LAM | 02546950 | 0.866 | 1.575 | 0.709 | 3.307 | 2.559 | 2.185 | 5.512 | 1.575 | 1.000 | 1.1 | 3 | 20000 | ** | 396.19-4003 |
| R396.19-00.67-3S-4003-2AM | 02546937 | 0.669 | 0.984 | 0.512 | 2.362 | 1.024 | 2.185 | 4.547 | 1.575 | 1.000 | 1.1 | 2 | 22000 | ** | 396.19-4003 |
| R396.19-00.58-3S-1AM | 02546957 | 0.591 | 1.102 | 0.450 | 2.362 | 1.024 | 2.441 | 4.803 | 1.575 | 1.000 | 1.1 | 1 | 22400 | ** | 396.19-4003 |
| R396.18-00.50-3-13AT | 00074293 | 0.509 | 0.512 | 0.310 | – | 0.746 | 2.997 | 4.134 | – | 0.750 | 0.4 | 1 | 30000 | * | 13.. |
| R396.18-00.50-3-13A | 75054862 | 0.472 | 0.510 | 0.390 | – | 0.780 | 3.360 | 4.140 | – | 0.750 | 0.4 | 1 | 30000 | * | 13.. |

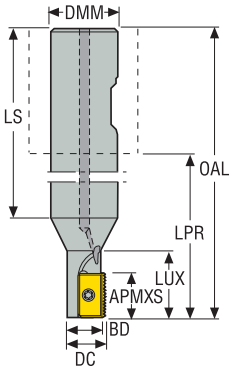
## Piese de schimb, Piese incluse la livrare

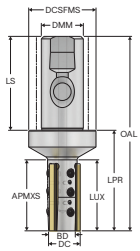
| Pentru portsculă | Şurub de strângere | Cheie plăcuţă | Şurub plăcuţă | Cheie (tip T) | Şurub |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| ..18-00.39.. | – | H4B-T07P | – | DOUBLE-T | C02505-T07P |
| ..18-00.50..A | – | H4B-T07P | C02506-T07P | DOUBLE-T | – |
| ..18-00.50..AT | – | H4B-T07P | C02505-T07P | DOUBLE-T | – |
| ..19-00.58..–..19-01.42.. | P6SS4X4-T09P | T09P-2 | – | – | – |

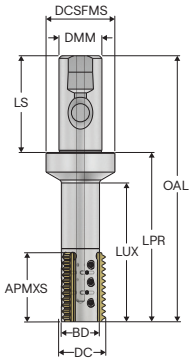
**Reţineţi!** La frezarea fileturilor la diametre mai mici decât cele indicate pentru o anumită combinaţie de pas/freză, va rezulta o formă incorectă a filetului.
**Reţineţi!** R396.19-2525.3S-4005-2AM poate realiza max. pas mărimea 4,5 ISO/6 TPI.
*Cheie dinamometrică T00-07P09, T00-09P20.

## R396.19






—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—Tip de montare ** = Seco-Weldon
—GAMO -15°
—GAMP 0°
—GAMF -15°

| Reper Nr. | Număr reper | DC | APMXS | BD | LPR | LUX | LS | OAL | DCSFMS | DMM | Greutate | NOF | RPMX | Notă | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | | | | |
| R396.19-3232.3S-4003-3-079AM | 02963138 | 32,0 | 40,0 | 27,4 | 96,0 | 79,57 | 60,0 | 156,0 | 50,0 | 32,0 | 0,9 | 3 | 20000 | ** | 396.19-4003 |
| R396.19-3232.3S-4005-3-079AM | 02963139 | 32,0 | 40,0 | 24,2 | 96,0 | 79,0 | 60,0 | 156,0 | 50,0 | 32,0 | 0,8 | 3 | 11200 | ** | 396.19-4005 |

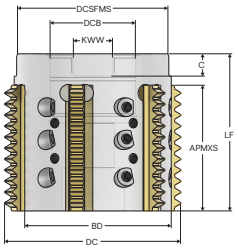
### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Şurub de strângere | Cheie plăcuţă |
|---|---|---|
| |  |  |
| R396.19 | P6SS4X4-T09P | T09P-2 |

**Reţineţi!** La frezarea fileturilor la diametre mai mici decât cele indicate pentru o anumită combinaţie de pas/freză, va rezulta o formă incorectă a filetului.
**Reţineţi!** R396.19-2525.3S-4005-2AM poate realiza max. pas mărimea 4,5 ISO/6 TPI.
*Cheie dinamometrică T00-07P09, T00-09P20.

## R396.19

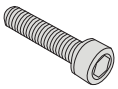





—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—GAMO -15°
—GAMP 0°
—GAMF -15°

| Reper Nr. | Număr reper | DC | APMXS | BD | LF | Greutate | NOF | RPMX | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | kg | | | |
| R396.19-0058-4003-6AM | 02546921 | 58,0 | 40,0 | 53,0 | 50,0 | 0,7 | 6 | 8600 | 396.19-4003 |
| R396.19-0058-4005-6AM | 02546920 | 58,0 | 40,0 | 50,0 | 50,0 | 0,6 | 6 | 8600 | 396.19-4005 |

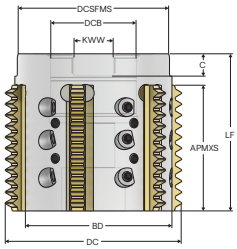
## Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Şurub arbore | Şurub de strângere | Cheie plăcuţă |
|---|---|---|---|
| |  |  |  |
| ...6AM | MC6S12X40 | P6SS4X4-T09P | T09P-2 |

***Valoare moment de torsiune 2 Nm**. Cheie dinamometrica, T00-09P20.

## R396.19

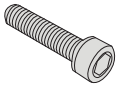





—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—GAMO -15°
—GAMP 0°
—GAMF -15°

| Reper Nr. | Număr reper | DC | APMXS | BD | LF | Greutate | NOF | RPMX | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | lbs | | | |
| R396.19-02.28-4003-6AM | 02546955 | 2.283 | 1.575 | 2.087 | 1.969 | 1.5 | 6 | 8600 | 396.19-4003 |
| R396.19-02.28-4005-6AM | 02546956 | 2.283 | 1.575 | 1.969 | 1.969 | 1.3 | 6 | 8600 | 396.19-4005 |

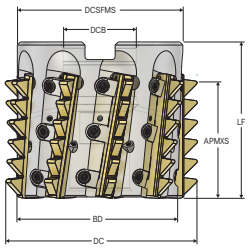
### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Şurub arbore | Şurub de strângere | Cheie plăcuţă |
|---|---|---|---|
| |  |  |  |
| R396.19-02.28 | UC6S1/2UNFX1-1/4 | P6SS4X4-T09P | T09P-2 |

***Valoare moment de torsiune 2 Nm**. Cheie dinamometrica, T00-09P20.

## R396.20

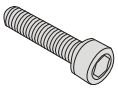
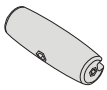





—Regimuri de aşchiere, vezi pagina(paginile) 222
—Pentru gama de plăcuţe, vezi pag. 218-220
—Diametrul minim al filetului, consultaţi pagina (paginile) 217
—GAMO -15°
—GAMP -15°
—GAMF -15°

| Reper Nr. | Număr reper | DC | APMXS | BD | LF | Greutate | NOF | RPMX | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | lbs | | | |
| R396.20-02.478-4005-9AW | 03013869 | 2.478 | 1.575 | 2.106 | 1.992 | 1.5 | 9 | 8600 | 396.20-4005 |

### Piese de schimb, Piese incluse la livrare

| Pentru portsculă | Şurub arbore | Cheie (tip T) | Cheie | Clemă pană | Şurub pană |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| R396.20 | UC6S1/2UNFX1-1/2 | DOUBLE-T | H4B-T08P | CW0405M | LD4012-T08P |

***Valoare moment de torsiune 2 Nm**. Cheie dinamometrica, T00-09P20.

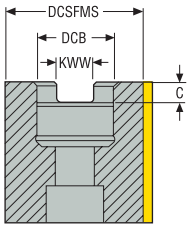
# Diametrul minim al filetului (diametru major), pentru diferite combinaţii de pas și freză

## R396.18/R396.19/R396.20

| Pentru freza | Pas mm / TPI | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1<br>24 | 1,5<br>16 | 2<br>12 | 2,5<br>10 | 3<br>8 | 3,5<br>7 | 4<br>6 | 4,5 | 5<br>5 | 5,5 | 6<br>4 |
| R396.18-2012.3-13A | 14 | 15 | 16 | – | – | – | – | – | – | – | – |
| R396.19-2517.3S-4003-2AM | 19 | 20 | 21 | 22 | 24 | – | – | – | – | – | – |
| R396.19-2522.3S-4003-3AM | 24 | 25 | 26 | 27 | 27 | – | – | – | – | – | – |
| R396.19-2522.3S-4003-3-065AM | 24 | 25 | 26 | 27 | 27 | – | – | – | – | – | – |
| R396.19-3232.3S-4003-6AM | 34 | 35 | 36 | 39 | 40 | – | – | – | – | – | – |
| R396.19-2525.3S-4005-2AM | – | – | – | – | 30 | 33 | 35 | 37 | – | – | – |
| R396.19-2530.3S-4005-3AM | – | – | – | – | 38 | 40 | 42 | 44 | 45 | 47 | 48 |
| R396.19-2530.3S-4005-3-080AM | – | – | – | – | 38 | 40 | 42 | 44 | 45 | 47 | 48 |
| R396.19-3236.3S-4005-6AM | – | – | – | – | 43 | 45 | 47 | 47 | 48 | 50 | 53 |
| R396.19-0058-4003-6AM | 62 | 63 | 65 | 66 | 67 | – | – | – | – | – | – |
| R396.19-0058-4005-6AM | – | – | – | – | 67 | 69 | 70 | 71 | 72 | 73 | 74 |
| R396.19-3232.3S-4003-3-079AM | 34 | 35 | 36 | 39 | 40 | – | – | – | – | – | – |
| R396.19-3232.3S-4005-3-079AM | – | – | – | – | 39 | 41 | 43 | 45 | 46 | 48 | 49 |
| R396.20-02.478-4005-9AW | – | – | – | – | 80 | – | 84 | – | – | – | 89 |

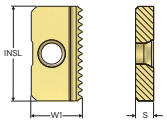
**Reţineţi!** La frezarea fileturilor la diametre mai mici decât cele indicate pentru o anumită combinaţie de pas/freză, va rezulta o formă incorectă a filetului.

## Dimensiunile de montaj




| Pentru freza | Număr reper | DCB | DCSFMS | KWW | C | Pentru arbore |
|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | |
| R396.19-0058-4003-6AM | 02546921 | 27,0 | 53,0 | 12,4 | 7,0 | 27 |
| R396.19-0058-4005-6AM | 02546920 | 27,0 | 50,0 | 12,4 | 7,0 | 27 |
| R396.20-02.478-4005-9AW | 03013869 | 25,4 | 53,5 | 9,7 | 5,7 | 25,4 |

## 13NMS/XMS

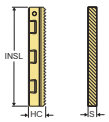



Toleranţe:
INSL = ± 0,012 mm
HC = ± 0,012 mm
S = ± 0.025 mm

| Reper Nr. | Plăcuţă amovibilă | INSL | S | Calităţi | | |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | CP500 | F30M | H15 |
| 13NMS1.0ISO | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13NMS1.5ISO | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13NMS2.0ISO | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13NMS24UN | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13NMS20UN | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13NMS16UN | Filetare interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13XMS19W | Filetare exterioară şi interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |
| 13XMS14W | Filetare exterioară şi interioară | 13,0<br>*0.512* | 2,5<br>*0.098* | ■ | | |

■ Stoc standard.

## 396.19-4003




Toleranţe:
INSL = ± 0,007 mm
HC = ± 0,012 mm
S = ± 0,05 mm

| Reper Nr. | Plăcuţă amovibilă | INSL | S | Calităţi | | |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | CP500 | F30M | H15 |
| 396.19-4003.0E1.0ISO | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E1.5ISO | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E2.0ISO | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E18UN | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E16UN | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E14UN | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0E12UN | Filetare exterioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N1.0ISO | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N1.5ISO | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N2.0ISO | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N2.5ISO | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N3.0ISO | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N20UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N18UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N16UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N14UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N12UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | ■ |
| 396.19-4003.0N10UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N9UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0N8UN | Filetare interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0X16W | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0X14W | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0X12W | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003.0X11W | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |

■ Stoc standard.

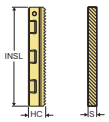
## 396.19-4003/4005




| Reper Nr. | Plăcuţă amovibilă | INSL | S | Calităţi | | |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | CP500 | F30M | H15 |
| 396.19-4005.0N3.5ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N4.0ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N4.5ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N5.0ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N5.5ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N6.0ISO | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N7UN | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N6UN | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N5UN | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N4.5UN | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0N4UN | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| 396.19-4005.0X8W | Filetare exterioară și interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| R396.19-4003.0X14NPT | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| R396.19-4003.0X11.5NPT | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| R396.19-4005.0X8NPT | Filetare exterioară și interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |
| R396.19-4003.0X14NPTF | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| R396.19-4003.0X11.5NPTF | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| R396.19-4003.0X14BSPT | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| R396.19-4003.0X11BSPT | Filetare exterioară și interioară | 40,0<br>*1.575* | 3,5<br>*0.138* | | ■ | |
| 396.19-4003XX | Plăcuţe blank (nu aşchiază) | 40,0<br>*1.575* | 3,5<br>*0.138* | | | ■ |
| 396.19-4005XX | Plăcuţe blank (nu aşchiază) | 40,0<br>*1.575* | 4,85<br>*0.191* | | | ■ |

■ Stoc standard.

## 396.20-4005




| Reper Nr. | Plăcuţă amovibilă | INSL | S | Calităţi | | |
|---|---|---|---|---|---|---|
| | | mm<br>*Inci* | mm<br>*Inci* | CP500 | F30M | H15 |
| 396.20-4005.0N3ACME | Filetare interioară | 40,0<br>*1.575* | 4,9<br>*0.193* | | ■ | |
| 396.20-4005.0N4ACME | Filetare interioară | 40,0<br>*1.575* | 4,9<br>*0.193* | | ■ | |
| 396.20-4005.0N8ACME | Filetare interioară | 40,0<br>*1.575* | 4,9<br>*0.193* | | ■ | |
| 396.20-4005.0N4BUT | Filetare interioară | 40,0<br>*1.575* | 4,85<br>*0.191* | | ■ | |

■ Stoc standard.

## Filetare prin frezare 396.18/19/20 Regimuri de aşchiere metric *inci*

| SMG | CP500 | | F30M | | H15 | |
|---|---|---|---|---|---|---|
| | $f_z$ | $v_c$ | $f_z$ | $v_c$ | $f_z$ | $v_c$ |
| P1 | 0,050<br>*0.0020* | 385<br>*1275* | 0,050<br>*0.0020* | 385<br>*1275* | —<br>— | —<br>— |
| P2 | 0,055<br>*0.0022* | 375<br>*1225* | 0,055<br>*0.0022* | 375<br>*1225* | —<br>— | —<br>— |
| P3 | 0,050<br>*0.0020* | 325<br>*1075* | 0,050<br>*0.0020* | 325<br>*1075* | —<br>— | —<br>— |
| P4 | 0,050<br>*0.0020* | 285<br>*940* | 0,050<br>*0.0020* | 285<br>*940* | —<br>— | —<br>— |
| P5 | 0,048<br>*0.0019* | 275<br>*900* | 0,048<br>*0.0019* | 275<br>*900* | —<br>— | —<br>— |
| P6 | 0,048<br>*0.0019* | 305<br>*1000* | 0,048<br>*0.0019* | 305<br>*1000* | —<br>— | —<br>— |
| P7 | 0,048<br>*0.0019* | 290<br>*950* | 0,048<br>*0.0019* | 290<br>*950* | —<br>— | —<br>— |
| P8 | 0,050<br>*0.0020* | 275<br>*900* | 0,050<br>*0.0020* | 275<br>*900* | —<br>— | —<br>— |
| P11 | 0,048<br>*0.0019* | 280<br>*920* | 0,048<br>*0.0019* | 280<br>*920* | —<br>— | —<br>— |
| P12 | 0,032<br>*0.0013* | 165<br>*540* | 0,032<br>*0.0013* | 165<br>*540* | —<br>— | —<br>— |
| M1 | 0,055<br>*0.0022* | 285<br>*940* | 0,055<br>*0.0022* | 285<br>*940* | —<br>— | —<br>— |
| M2 | 0,048<br>*0.0019* | 230<br>*750* | 0,048<br>*0.0019* | 230<br>*750* | —<br>— | —<br>— |
| M3 | 0,038<br>*0.0015* | 175<br>*570* | 0,038<br>*0.0015* | 175<br>*570* | —<br>— | —<br>— |
| M4 | 0,034<br>*0.0013* | 130<br>*425* | 0,034<br>*0.0013* | 130<br>*425* | —<br>— | —<br>— |
| M5 | 0,034<br>*0.0013* | 110<br>*360* | 0,034<br>*0.0013* | 110<br>*360* | —<br>— | —<br>— |
| K1 | 0,055<br>*0.0022* | 300<br>*980* | 0,055<br>*0.0022* | 300<br>*980* | 0,040<br>*0.0016* | 270<br>*890* |
| K2 | 0,048<br>*0.0019* | 260<br>*850* | 0,048<br>*0.0019* | 260<br>*850* | 0,038<br>*0.0015* | 235<br>*770* |
| K3 | 0,048<br>*0.0019* | 220<br>*720* | 0,048<br>*0.0019* | 220<br>*720* | 0,038<br>*0.0015* | 200<br>*660* |
| K4 | 0,048<br>*0.0019* | 210<br>*690* | 0,048<br>*0.0019* | 210<br>*690* | 0,038<br>*0.0015* | 190<br>*620* |
| K5 | 0,044<br>*0.0017* | 125<br>*410* | 0,044<br>*0.0017* | 125<br>*410* | 0,034<br>*0.0013* | 115<br>*375* |
| K6 | 0,048<br>*0.0019* | 185<br>*610* | 0,048<br>*0.0019* | 185<br>*610* | 0,038<br>*0.0015* | 170<br>*560* |
| K7 | 0,044<br>*0.0017* | 160<br>*520* | 0,044<br>*0.0017* | 160<br>*520* | 0,034<br>*0.0013* | 145<br>*475* |
| N1 | 0,070<br>*0.0028* | 1375<br>*4500* | 0,070<br>*0.0028* | 1375<br>*4500* | 0,050<br>*0.0020* | 1375<br>*4500* |
| N2 | 0,070<br>*0.0028* | 890<br>*2925* | 0,070<br>*0.0028* | 890<br>*2925* | 0,050<br>*0.0020* | 890<br>*2925* |
| N3 | 0,070<br>*0.0028* | 590<br>*1925* | 0,070<br>*0.0028* | 590<br>*1925* | 0,050<br>*0.0020* | 590<br>*1925* |
| N11 | 0,070<br>*0.0028* | 780<br>*2550* | 0,070<br>*0.0028* | 780<br>*2550* | —<br>— | —<br>— |

SMG = Grupa de material Seco
$f_z$ = mm/dinte
$v_c$= m/min (pentru suport tip -065AM, -079AM şi -080AM folosiţi factorul 0,75 pentru vc)
ae/Dc = %
Toţi parametri sunt valori de start.

Toate avansurile sunt raportate la centrul frezei şi nu la periferie.

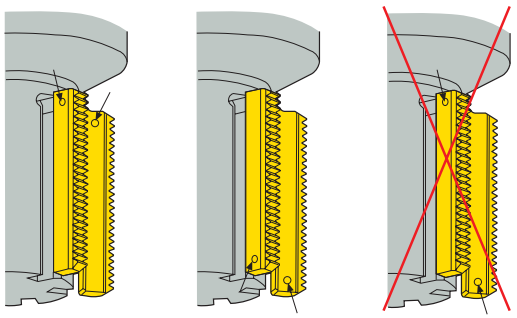
**Avans raportat la centrul sculei aşchietoare**

La calculul avansului şi al avansului/dinte pornind de la grosimea medie a aşchiei, folosind interpolarea circulară sau prelucrarea în rampă prin interpolare elicoidală, într-o operaţie, avansul şi avansul/dinte sunt întotdeauna raportate la centrul sculei aşchietoare, nu la periferia acesteia.

**Toleranţa piesei prelucrate.**

Toleranţa diametrului filetului este 6H atunci când se utilizează o sculă aşchietoare cu mai mult de un dinte. Cu o singură plăcuţă, toleranţa este 4H. Dacă o freză multi-dinţi este utilizată cu o singură plăcuţă, celelalte locaşuri port-plăcuţă trebuie echipate cu plăcuţe neaşchietoare semifabricate pentru a stabiliza freza pe durata procesului de aşchiere.

Deoarece toate plăcuţele 396.19 sunt cu faţă dublă, este important ca acestea să fie montate în aceeaşi poziţie pentru a obţine o toleranţă cât mai bună. Este necesar ca, la indexare, punctele de identificare să fie în aceeaşi poziţie. Consultaţi figura.





## Cozi pentru filetare prin frezare

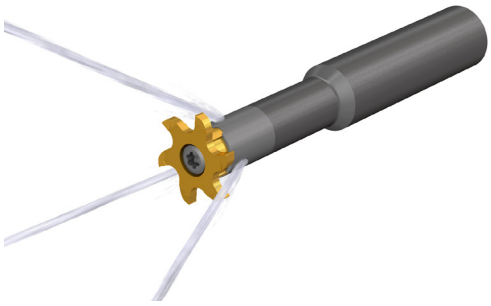
Generaţi fileturi de precizie în găuri cu adâncime de până la 106 mm cu noua freză disc brută Seco 335.14 cu capete de filetare interschimbabile și cozi de suport corespunzătoare. Se vor amplifica viteza de prelucrare și versatilitatea, deoarece fiecare cap realizează atât șanfrenarea, cât și filetarea. Suplimentar, realizarea a două operaţii cu aceeași sculă contribuie la reducerea inventarului de scule necesare.

- Tipuri cu cozi de carbură și oţel
- Capabilitate pentru agent de răcire complet
- Peste 31 de capete diferite cu strat de carbură

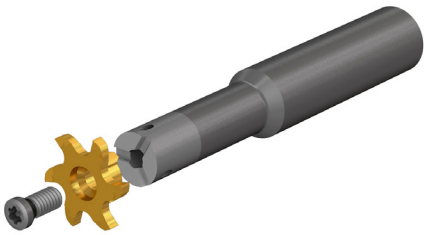
# Freza disc 335.14

Freză disc cu cap interschimbabil din carbură cu diametru de la 9,7 mm (0,382”)

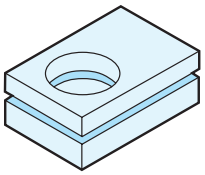
O gamă largă de capete și cozi pentru toate operaţiile de frezare cu disc prin interpolare circulară sau canelare liniară.



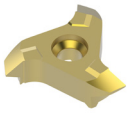
Conexiune precisă, fiabilă și solidă între capul și corpul frezei.

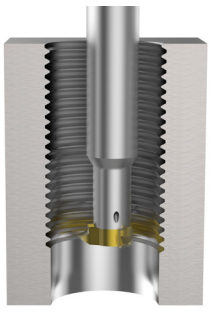


Acoperă toate tipurile de materiale cu geometria universală M și clasa F32M.



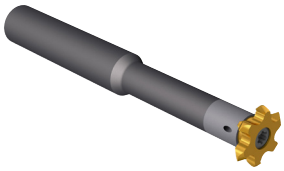
**Filetare:**
Cap de la dia 6,7 la 27,7 mm (.263-1.091”)
– Filet metric profil parţial cu pas 1-6 mm (.040-.236”)
– Filet metric profil complet cu pas 0,5-4,5 mm (.020-.1777”)
– Filet Withworth profil complet cu pas 19 până la 11 tpi
– Filet UN profil complet cu pas 24 până la 6 tpi

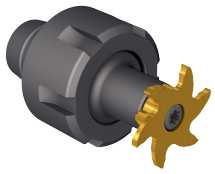




# Codificări

## Freza disc 335.14





Sunt disponibile 2 tipuri de cozi: cilindrică din oţel sau din carbură sau sistem de prindere cu penset ER

### Mini disc

| R | 335 | . | 14 | – | 217 | M | N | P | 250500 | – | 12 | Z3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | | 4 | 5 | 6 | 7 | 8 | | 9 | 10 |

**1.**
Pe dreapta

**2.**
Cod frezare cu disc

**3.**
Sistem

**4.**
Diametru cap, ex. 21,7 mm

**5.**
Tip filet
M = metric
W = Whitworth
U = Fileturi UN

**6.**
N =Filet intern
E = extern
X = intern/extern

**7.**
P = Profil parţial
F = Profil întreg

**8.**
Dimensiune pas (2,50-5,00 mm sau ex. numai cu pas fix 2,5 mm, 16 tpi...)

**9.**
Dimensiunea de prindere

**10.**
Nr. de dinţi

### Coadă cilindrică

| 335 | . | 14 | – | 16 | 9 | 0 | 45 | 110 | – | E |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | | 3 | 4 | 5 | 6 | 7 | | 8 |

**1.**
Cod frezare cu disc

**2.**
Sistem

**3.**
Diametrul cozii
DMM = 16 mm
Inci alternativ, exemplu 0625 pentru DMM = 0.625”

**4.**
Mărimea conexiunii (plăcuţă/coadă)
Exemplu: 9 mm

**5.**
.0 tip conexiune cilindrică

**6.**
Lungimea de acces inclusiv plăcuţa 45 mm.
Inci alternativ, exemplu 177 pentru 1.77”

**7.**
Lungimea totală inclusiv plăcuţa 110 mm
Inci alternativ, de exemplu 433 pentru 4.33”

**8.**
-E pentru cozi din carbură, altfel coadă din oţel

### Pensetă de prindere

| 335 | . | 14 | – | ER25 | 12 | 30 |
|---|---|---|---|---|---|---|
| 1 | | 2 | | 3 | 4 | 5 |

**1.**
Cod frezare cu disc

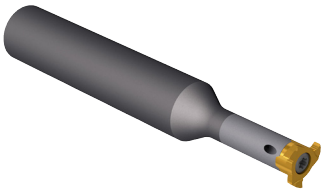
**2.**
Sistem

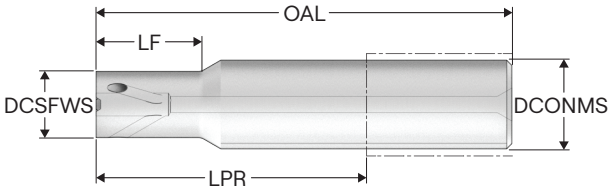
**3.**
Mărimea mandrinei cu pensete ER

**4.**
Mărimea conexiunii (plăcuţă/coadă)
Exemplu: 12 mm

**5.**
Lungime acces inclusiv plăcuţă Exemplu 30 mm

## 335.14 Coadă - versiune cilindrică






—Regimuri de așchiere, vezi pagina(paginile) 233
—Informaţii tehnice, consultaţi pagina 198
—-E = Coadă de carbură cu toleranţă DMM = h6
—Coadă de oţel: Toleranţă DMM = g6
—Max RPM = 30 000 rot/min

| Reper Nr. | Număr reper | LF | OAL | DCSFWS | DCONMS | LPR | Greutate | Răcire interioară | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | kg | | |
| 335.14-1006.0-015-060 | 03042024 | 11,5 | 56,5 | 6,0 | 10,0 | 16,5 | 0,1 | | R335.14...06Z.. |
| 335.14-1206.0-021-080-E | 03042025 | 17,5 | 76,5 | 6,0 | 12,0 | 31,5 | 0,2 | ✓ | R335.14...06Z.. |
| 335.14-1206.0-030-090-E | 03042026 | 26,5 | 86,5 | 6,0 | 12,0 | 41,5 | 0,2 | ✓ | R335.14...06Z.. |
| 335.14-1206.0-042-100-E | 03042027 | 38,5 | 96,5 | 6,0 | 12,0 | 51,5 | 0,2 | ✓ | R335.14...06Z.. |
| 335.14-1008.0-017-060 | 03042040 | 12,5 | 55,5 | 8,0 | 10,0 | 15,5 | 0,1 | | R335.14...08Z.. |
| 335.14-1208.0-029-095-E | 03042041 | 24,5 | 90,5 | 8,0 | 12,0 | 45,5 | 0,2 | ✓ | R335.14...08Z.. |
| 335.14-1208.0-042-110-E | 03042042 | 37,5 | 105,5 | 8,0 | 12,0 | 60,5 | 0,2 | ✓ | R335.14...08Z.. |
| 335.14-1208.0-056-120-E | 03042043 | 51,5 | 115,5 | 8,0 | 12,0 | 70,5 | 0,2 | ✓ | R335.14...08Z.. |
| 335.14-1609.0-018-080 | 03042028 | 12,2 | 74,2 | 9,0 | 16,0 | 26,2 | 0,2 | ✓ | R335.14...09Z.. |
| 335.14-1609.0-032-100-E | 03042029 | 26,2 | 94,2 | 9,0 | 16,0 | 46,2 | 0,3 | ✓ | R335.14...09Z.. |
| 335.14-1609.0-045-110-E | 03042030 | 39,2 | 104,2 | 9,0 | 16,0 | 56,2 | 0,3 | ✓ | R335.14...09Z.. |
| 335.14-1609.0-064-130-E | 03042031 | 58,2 | 124,2 | 9,0 | 16,0 | 76,2 | 0,3 | ✓ | R335.14...09Z.. |
| 335.14-1612.0-024-080 | 03042032 | 18,3 | 74,3 | 12,0 | 16,0 | 26,3 | 0,2 | ✓ | R335.14...12Z.. |
| 335.14-1612.0-042-100-E | 03042033 | 36,3 | 94,3 | 12,0 | 16,0 | 46,3 | 0,2 | ✓ | R335.14...12Z.. |
| 335.14-1612.0-060-130-E | 03042034 | 54,3 | 124,3 | 12,0 | 16,0 | 76,3 | 0,3 | ✓ | R335.14...12Z.. |
| 335.14-1612.0-085-160-E | 03042035 | 76,3 | 154,3 | 12,0 | 16,0 | 106,3 | 0,4 | ✓ | R335.14...12Z.. |
| 335.14-1614.0-042-100-E | 03042036 | 35,5 | 93,5 | 14,3 | 16,0 | 45,5 | 0,3 | ✓ | R335.14...14Z.. |
| 335.14-1614.0-060-130-E | 03042037 | 53,5 | 123,5 | 14,3 | 16,0 | 75,5 | 0,3 | ✓ | R335.14...14Z.. |
| 335.14-1614.0-085-160-E | 03042038 | 78,5 | 153,5 | 14,3 | 16,0 | 105,5 | 0,4 | ✓ | R335.14...14Z.. |
| 335.14-2014.0-036-100 | 03042039 | 29,2 | 93,5 | 14,0 | 20,0 | 43,5 | 0,2 | ✓ | R335.14...14Z.. |

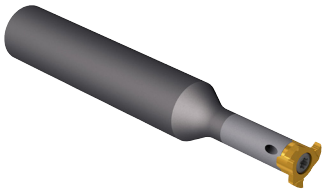
### Piese de schimb, Piese incluse la livrare

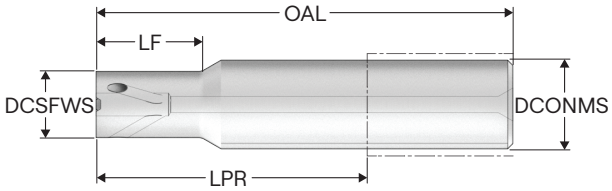
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă | Cheie (tip T) |
|---|---|---|---|
| |  |  |  |
| 335.14-..06 | H4B-T08P | C92608-T08P | DOUBLE-T |
| 335.14-..08 | H4B-T10P | C93510-T10P | DOUBLE-T |
| 335.14-..09 | H4B-T15P | C94012-T15P | DOUBLE-T |
| 335.14-..14 | H6B-T20P | C95012-T20P | DOUBLE-T |
| 335.14-..1612 | H6B-T20P | C95012-T20P | DOUBLE-T |

### Accesorii

| Cuplu strângere | Cheie dinamometrică |
|---|---|
|  |  |
| 2.0NM | T00-08P20 |
| 3.5NM | T00-10P35 |
| 5.0NM | T00-15P50 |
| 7.0NM | – |
| 7.0NM | – |

## 335.14 Coadă - versiune cilindrică

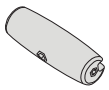





—Regimuri de aşchiere, vezi pagina(paginile) 233
—Informaţii tehnice, consultaţi pagina 198
—-E = Coadă de carbură cu toleranţă DMM = h6
—Coadă de oţel: Toleranţă DMM = g6
—Max RPM = 30 000 rev/min

| Reper Nr. | Număr reper | LF | OAL | DCSFMS | DCONMS | LPR | Greutate | Răcire interioară | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | lbs | | |
| 335.14-050006.0-083-315-E | 03042121 | 0.689 | 3.012 | 0.236 | 0.500 | 1.240 | 0.2 | ✓ | R334.14...06Z.. |
| 335.14-050006.0-118-354-E | 03042122 | 1.043 | 3.406 | 0.236 | 0.500 | 1.634 | 0.4 | ✓ | R334.14...06Z.. |
| 335.14-050006.0-165-394-E | 03042107 | 1.516 | 3.799 | 0.236 | 0.500 | 2.028 | 0.4 | ✓ | R334.14...06Z.. |
| 335.14-050008.0-114-374-E | 03042123 | 0.965 | 3.563 | 0.315 | 0.500 | 1.791 | 0.4 | ✓ | R334.14...08Z.. |
| 335.14-050008.0-165-433-E | 03042124 | 1.476 | 4.154 | 0.315 | 0.500 | 2.382 | 0.4 | ✓ | R334.14...08Z.. |
| 335.14-050008.0-220-472-E | 03042119 | 2.028 | 4.547 | 0.315 | 0.500 | 2.776 | 0.4 | ✓ | R334.14...08Z.. |
| 335.14-062509.0-071-315 | 03042108 | 0.480 | 2.921 | 0.354 | 0.625 | 1.031 | 0.4 | ✓ | R334.14...09Z.. |
| 335.14-062509.0-126-394-E | 03042109 | 1.031 | 3.709 | 0.354 | 0.625 | 1.819 | 0.4 | ✓ | R334.14...09Z.. |
| 335.14-062509.0-177-433-E | 03042110 | 1.543 | 4.102 | 0.354 | 0.625 | 2.213 | 0.4 | ✓ | R334.14...09Z.. |
| 335.14-062509.0-252-512-E | 03042111 | 2.291 | 4.890 | 0.354 | 0.625 | 3.000 | 0.7 | ✓ | R334.14...09Z.. |
| 335.14-062512.0-094-315 | 03042112 | 0.720 | 2.925 | 0.472 | 0.625 | 1.035 | 0.4 | ✓ | R334.14...12Z.. |
| 335.14-062512.0-165-394-E | 03042113 | 1.429 | 3.713 | 0.472 | 0.625 | 1.823 | 0.4 | ✓ | R334.14...12Z.. |
| 335.14-062512.0-236-512-E | 03042114 | 2.138 | 4.894 | 0.472 | 0.625 | 3.004 | 0.7 | ✓ | R334.14...12Z.. |
| 335.14-062512.0-335-630-E | 03042115 | 3.122 | 6.075 | 0.472 | 0.625 | 4.185 | 0.9 | ✓ | R334.14...12Z.. |
| 335.14-062514.0-165-394-E | 03042116 | 1.398 | 3.681 | 0.551 | 0.625 | 1.791 | 0.7 | ✓ | R334.14...14Z.. |
| 335.14-062514.0-236-512-E | 03042117 | 2.106 | 4.862 | 0.551 | 0.625 | 2.972 | 0.9 | ✓ | R334.14...14Z.. |
| 335.14-062514.0-335-630-E | 03042118 | 3.091 | 6.043 | 0.551 | 0.625 | 4.154 | 0.9 | ✓ | R334.14...14Z.. |

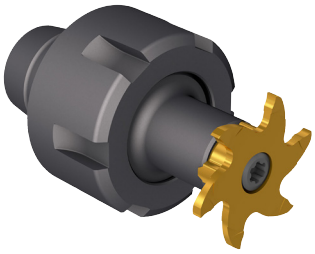
### Piese de schimb, Piese incluse la livrare

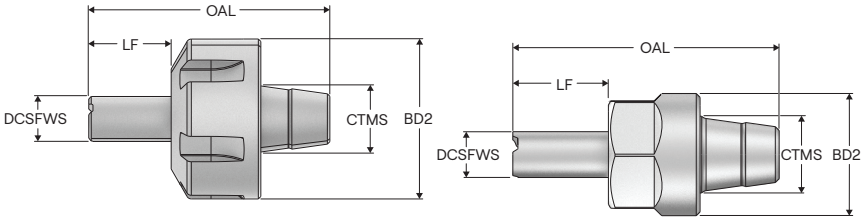
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă | Cheie (tip T) |
|---|---|---|---|
| |  |  |  |
| 335.14-..06 | H4B-T08P | C92608-T08P | DOUBLE-T |
| 335.14-..08 | H4B-T10P | C93510-T10P | DOUBLE-T |
| 335.14-..09 | H4B-T15P | C94012-T15P | DOUBLE-T |
| 335.14-..12/14 | H6B-T20P | C95012-T20P | DOUBLE-T |

### Accesorii

| Cuplu strângere | Cheie dinamometrică |
|---|---|
|  |  |
| 2.0NM | T00-08P20 |
| 3.5NM | T00-10P35 |
| 5.0NM | T00-15P50 |
| 7.0NM | – |

## Coadă 335.14 cu pensetă ER

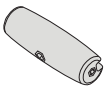





—Regimuri de așchiere, vezi pagina(paginile) 233
—Informaţii tehnice, consultaţi pagina 198

| Reper Nr. | Număr reper | LF | OAL | DCSFWS | BD2 | DCONMS | CTMS | Greutate | Plăcuţă amovibilă |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | mm | mm | mm | mm | mm | kg | |
| 335.14-ER11-06-016 | 03042072 | 12,5 | 34,9 | 6,0 | 16,0 | 11,0 | ER 11 | 0,1 | R335.14...06Z.. |
| 335.14-ER11-08-016 | 03042085 | 11,5 | 33,8 | 8,0 | 16,0 | 11,0 | ER 11 | 0,1 | R335.14...08Z.. |
| 335.14-ER16-08-022 | 03042086 | 17,5 | 49,6 | 8,0 | 32,0 | 16,0 | ER 16 | 0,2 | R335.14...08Z.. |
| 335.14-ER11-09-022 | 03042073 | 16,2 | 38,5 | 9,0 | 16,0 | 11,0 | ER 11 | 0,1 | R335.14...09Z.. |
| 335.14-ER16-09-022 | 03042074 | 16,2 | 48,3 | 9,0 | 32,0 | 16,0 | ER 16 | 0,2 | R335.14...09Z.. |
| 335.14-ER25-09-022 | 03042075 | 16,2 | 55,3 | 9,0 | 35,0 | 25,0 | ER 25 | 0,2 | R335.14...09Z.. |
| 335.14-ER16-12-030 | 03042076 | 24,3 | 56,4 | 12,0 | 32,0 | 16,0 | ER 16 | 0,2 | R335.14...12Z.. |
| 335.14-ER25-12-030 | 03042078 | 24,3 | 63,4 | 12,0 | 35,0 | 25,0 | ER 25 | 0,2 | R335.14...12Z.. |
| 335.14-ER32-12-030 | 03042079 | 24,3 | 69,4 | 12,0 | 50,0 | 32,0 | ER 32 | 0,4 | R335.14...12Z.. |
| 335.14-ER25-14-019 | 03042080 | 12,5 | 52,3 | 14,0 | 35,0 | 25,0 | ER 25 | 0,2 | R335.14...14Z.. |
| 335.14-ER25-14-035 | 03042081 | 28,5 | 67,6 | 14,0 | 35,0 | 25,0 | ER 25 | 0,2 | R335.14...14Z.. |
| 335.14-ER32-14-019 | 03042082 | 12,5 | 58,3 | 14,0 | 50,0 | 32,0 | ER 32 | 0,5 | R335.14...14Z.. |
| 335.14-ER32-14-035 | 03042083 | 28,5 | 73,6 | 14,0 | 50,0 | 32,0 | ER 32 | 0,4 | R335.14...14Z.. |

## Piese de schimb, Piese incluse la livrare

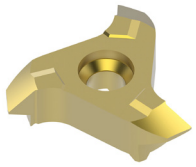
| Pentru portsculă | Cheie plăcuţă | Şurub plăcuţă | Cheie (tip T) |
|---|---|---|---|
| |  |  |  |
| 335.14-ER..-06 | H4B-T08P | C92608-T08P | DOUBLE-T |
| 335.14-ER..-08 | H4B-T10P | C93510-T10P | DOUBLE-T |
| 335.14-ER..-09 | H4B-T15P | C94012-T15P | DOUBLE-T |
| 335.14-ER..-12/14 | H6B-T20P | C95012-T20P | DOUBLE-T |

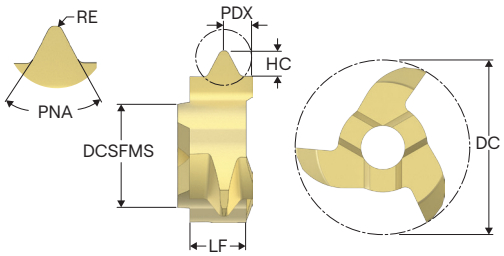
## Accesorii

| Cuplu strângere | Cheie dinamometrică |
|---|---|
|  |  |
| 2.0NM | T00-08P20 |
| 3.5NM | T00-10P35 |
| 5.0NM | T00-15P50 |
| 7.0NM | – |

## 335.14 Plăcuţe amovibile

Profil filetare Whitworth - Metric





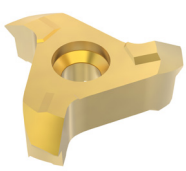

—Regimuri de aşchiere, vezi pagina(paginile) 233
—Informaţii tehnice, consultaţi pagina 198

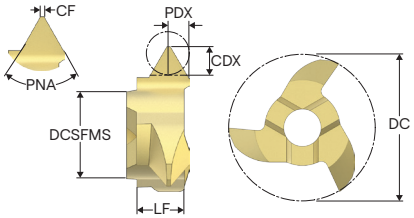
| | | | | | | | | | | | | Calităţi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Reper Nr.** | **Pas** | | **DC** | **RE** | **DCSFMS** | **HC** | **LF** | **PDX** | **PNA** | **ZEFP** | **CZCMS** | **Acoperită** |
| | mm | TPIX | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | F32M |
| R335.14-117WXF11.06Z3 | – | 11 | 11,7<br>*0.461* | 0,31<br>*0.012* | 6,0<br>*0.236* | 1,48<br>*0.058* | 3,6<br>*0.142* | 1,6<br>*0.063* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-177WXF11.09Z3 | – | 11 | 17,7<br>*0.697* | 0,31<br>*0.012* | 9,0<br>*0.354* | 1,48<br>*0.058* | 5,85<br>*0.230* | 1,45<br>*0.057* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-117WXF14.06Z3 | – | 14 | 11,7<br>*0.461* | 0,24<br>*0.009* | 6,0<br>*0.236* | 1,16<br>*0.046* | 3,6<br>*0.142* | 1,3<br>*0.051* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-157WXF14.08Z3 | – | 14 | 15,7<br>*0.618* | 0,24<br>*0.009* | 8,0<br>*0.315* | 1,17<br>*0.046* | 4,6<br>*0.181* | 1,5<br>*0.059* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-177WXF14.09Z3 | – | 14 | 17,7<br>*0.697* | 0,24<br>*0.009* | 9,0<br>*0.354* | 1,16<br>*0.046* | 5,85<br>*0.230* | 1,25<br>*0.049* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-117WXF19.06Z3 | – | 19 | 11,7<br>*0.461* | 0,18<br>*0.007* | 6,0<br>*0.236* | 0,86<br>*0.034* | 3,6<br>*0.142* | 1,1<br>*0.043* | 55,0<br>*2.165* | 3 | • | ■ |
| R335.14-177WXF19.09Z3 | – | 19 | 17,7<br>*0.697* | 0,18<br>*0.007* | 9,0<br>*0.354* | 0,856<br>*0.034* | 5,85<br>*0.230* | 0,95<br>*0.037* | 55,0<br>*2.165* | 3 | • | ■ |

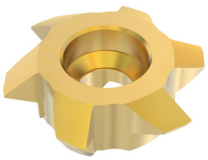
● = Stoc standard O = Disponibil la cerere (în 2 săptămâni)

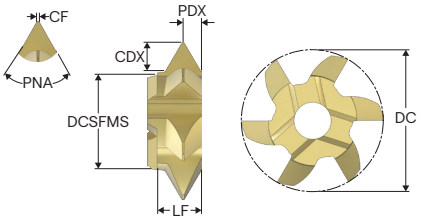
## 335.14 Plăcuţe amovibile

Profil parţial filet Metric








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—Informaţii tehnice, consultaţi pagina 198

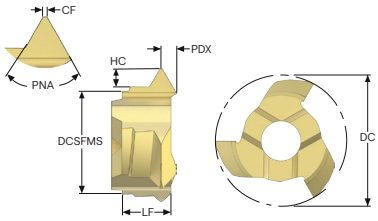
| | | | | | | | | | | | | Calităţi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Reper Nr. | Pas | | DC | CF | CDX | DCSFMS | LF | PDX | PNA | ZEFP | CZCMS | Acoperită |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | F32M |
| R335.14-111MNP200300.06Z6 | 2-3 | 0.079-0.118 | 11,1<br>*0.437* | 0,17<br>*0.007* | 1,78<br>*0.070* | 6,0<br>*0.236* | 3,2<br>*0.126* | 1,4<br>*0.055* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-117MNP100200.06Z3 | 1-2 | 0.039-0.079 | 11,7<br>*0.461* | 0,13<br>*0.005* | 1,25<br>*0.049* | 6,0<br>*0.236* | 3,6<br>*0.142* | 0,8<br>*0.031* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-117MNP100200.06Z6 | 1-2 | 0.039-0.079 | 11,7<br>*0.461* | 0,06<br>*0.002* | 1,25<br>*0.049* | 6,0<br>*0.236* | 3,6<br>*0.142* | 1,04<br>*0.041* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-117MNP200300.06Z3 | 2-3 | 0.079-0.118 | 11,7<br>*0.461* | 0,25<br>*0.010* | 1,78<br>*0.070* | 6,0<br>*0.236* | 3,6<br>*0.142* | 1,2<br>*0.047* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-132MNP150275.08Z6 | 1,5-2,75 | 0.059-0.108 | 13,2<br>*0.520* | 0,13<br>*0.005* | 1,67<br>*0.066* | 8,0<br>*0.315* | 4,2<br>*0.165* | 1,3<br>*0.051* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-133MNP200300.08Z6 | 2-3 | 0.079-0.118 | 13,3<br>*0.524* | 0,17<br>*0.007* | 1,78<br>*0.070* | 8,0<br>*0.315* | 4,2<br>*0.165* | 2,5<br>*0.098* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-157MNP150275.08Z3 | 1,5-2,75 | 0.059-0.108 | 15,7<br>*0.618* | 0,19<br>*0.007* | 1,67<br>*0.066* | 8,0<br>*0.315* | 4,6<br>*0.181* | 1,1<br>*0.043* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-157MNP250300.08Z3 | 2,5-3 | 0.098-0.118 | 15,7<br>*0.618* | 0,31<br>*0.012* | 1,78<br>*0.070* | 8,0<br>*0.315* | 4,6<br>*0.181* | 1,2<br>*0.047* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-177MNP100200.09Z3 | 1-2 | 0.039-0.079 | 17,7<br>*0.697* | 0,12<br>*0.005* | 1,19<br>*0.047* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,15<br>*0.045* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-177MNP150275.09Z3 | 1,5-2,75 | 0.059-0.108 | 17,7<br>*0.697* | 0,19<br>*0.007* | 1,62<br>*0.064* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,25<br>*0.049* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-177MNP200375.09Z3 | 2-3,75 | 0.079-0.148 | 17,7<br>*0.697* | 0,25<br>*0.010* | 2,22<br>*0.087* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,65<br>*0.065* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-177MNP300550.09Z3 | 3-5,5 | 0.118-0.217 | 17,7<br>*0.697* | 0,38<br>*0.015* | 3,25<br>*0.128* | 9,0<br>*0.354* | 5,85<br>*0.230* | 2,25<br>*0.089* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-217MNP100200.12Z3 | 1-2 | 0.039-0.079 | 21,7<br>*0.854* | 0,12<br>*0.005* | 1,19<br>*0.047* | 12,0<br>*0.472* | 5,85<br>*0.230* | 1,25<br>*0.049* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-217MNP200375.12Z3 | 2-3,75 | 0.079-0.148 | 21,7<br>*0.854* | 0,25<br>*0.010* | 2,22<br>*0.087* | 12,0<br>*0.472* | 5,85<br>*0.230* | 1,65<br>*0.065* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-217MNP250450.12Z3 | 2,5-4,5 | 0.098-0.177 | 21,7<br>*0.854* | 0,25<br>*0.010* | 2,7<br>*0.106* | 12,0<br>*0.472* | 5,85<br>*0.230* | 2,15<br>*0.085* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-217MNP350600.12Z3 | 3,5-6 | 0.138-0.236 | 21,7<br>*0.854* | 0,44<br>*0.017* | 3,52<br>*0.139* | 12,0<br>*0.472* | 5,85<br>*0.230* | 2,65<br>*0.104* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-277MNP150250.14Z6 | 1,5-2,5 | 0.059-0.098 | 27,7<br>*1.091* | 0,19<br>*0.007* | 1,6<br>*0.063* | 14,0<br>*0.551* | 6,5<br>*0.256* | –<br>– | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-277MNP150250.14Z3 | 1,5-2,5 | 0.059-0.098 | 27,7<br>*1.091* | 0,18<br>*0.007* | 1,49<br>*0.059* | 14,0<br>*0.551* | 6,6<br>*0.260* | 2,4<br>*0.094* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-277MNP250500.14Z3 | 2,5-5 | 0.098-0.197 | 27,7<br>*1.091* | 0,37<br>*0.015* | 2,93<br>*0.115* | 14,0<br>*0.551* | 6,6<br>*0.260* | 2,6<br>*0.102* | 60,0<br>*2.362* | 3 | ● | ■ |
| R335.14-277MNP400600.14Z3 | 4-6 | 0.157-0.236 | 27,7<br>*1.091* | 0,5<br>*0.020* | 4,6<br>*0.181* | 14,0<br>*0.551* | 6,6<br>*0.260* | 3,0<br>*0.118* | 60,0<br>*2.362* | 3 | ● | ■ |

● = Stoc standard O = Disponibil la cerere (în 2 săptămâni)

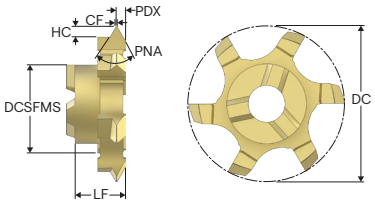
## 335.14 Plăcuţe amovibile

Filet profil complet Metric







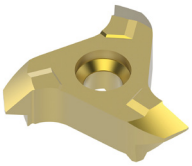

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—Informaţii tehnice, consultaţi pagina 198

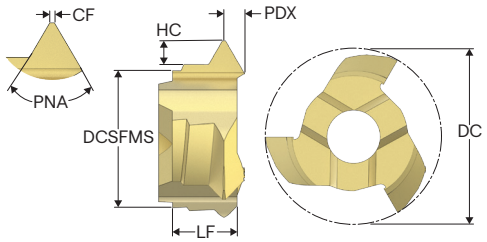
| | | | | | | | | | | | | Calităţi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Reper Nr.** | **Pas** | | **DC** | **CF** | **HC** | **DCSFMS** | **LF** | **PDX** | **PNA** | **ZEFP** | **CZCMS** | **Acoperită** |
| | mm | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | F32M |
| R335.14-067MNF050.05Z3 | 0,5 | 0.02 | 6,7<br>*0.264* | 0,06<br>*0.002* | 0,28<br>*0.011* | 4,8<br>*0.189* | 3,25<br>*0.128* | 0,4<br>*0.016* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-077MNF075.05Z3 | 0,75 | 0.03 | 7,7<br>*0.303* | 0,1<br>*0.004* | 0,416<br>*0.016* | 4,8<br>*0.189* | 3,25<br>*0.128* | 0,5<br>*0.020* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-077MNF100.05Z3 | 1 | 0.039 | 7,7<br>*0.303* | 0,12<br>*0.005* | 0,557<br>*0.022* | 4,8<br>*0.189* | 3,55<br>*0.140* | 0,9<br>*0.035* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-097MNF100.06Z3 | 1 | 0.039 | 9,7<br>*0.382* | 0,09<br>*0.004* | 0,58<br>*0.023* | 6,0<br>*0.236* | 3,6<br>*0.142* | 0,7<br>*0.028* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-097MNF150.06Z3 | 1,5 | 0.059 | 9,7<br>*0.382* | 0,125<br>*0.005* | 0,86<br>*0.034* | 6,0<br>*0.236* | 3,6<br>*0.142* | 0,9<br>*0.035* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-097MNF175.06Z3 | 1,75 | 0.069 | 9,7<br>*0.382* | 0,21<br>*0.008* | 0,95<br>*0.037* | 6,0<br>*0.236* | 3,6<br>*0.142* | 1,0<br>*0.039* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-097MNF200.06Z3 | 2 | 0.079 | 9,7<br>*0.382* | 0,165<br>*0.006* | 1,16<br>*0.046* | 6,0<br>*0.236* | 3,6<br>*0.142* | 1,1<br>*0.043* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-097MNF250.06Z3 | 2,5 | 0.098 | 9,7<br>*0.382* | 0,2<br>*0.008* | 1,44<br>*0.057* | 6,0<br>*0.236* | 3,49<br>*0.137* | 1,19<br>*0.047* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-137MNF100.08Z3 | 1 | 0.039 | 13,7<br>*0.539* | 0,1<br>*0.004* | 0,58<br>*0.023* | 8,0<br>*0.315* | 4,6<br>*0.181* | 0,9<br>*0.035* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-137MNF150.08Z3 | 1,5 | 0.059 | 13,7<br>*0.539* | 0,125<br>*0.005* | 0,86<br>*0.034* | 8,0<br>*0.315* | 4,6<br>*0.181* | 1,2<br>*0.047* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-137MNF200.08Z3 | 2 | 0.079 | 13,7<br>*0.539* | 0,165<br>*0.006* | 1,16<br>*0.046* | 8,0<br>*0.315* | 4,6<br>*0.181* | 1,4<br>*0.055* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-137MNF250.08Z3 | 2,5 | 0.098 | 13,7<br>*0.539* | 0,2<br>*0.008* | 1,44<br>*0.057* | 8,0<br>*0.315* | 4,6<br>*0.181* | 1,6<br>*0.063* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-177MNF150.09Z3 | 1,5 | 0.059 | 17,7<br>*0.697* | 0,12<br>*0.005* | 0,86<br>*0.034* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,15<br>*0.045* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-177MNF150.09Z6 | 1,5 | 0.059 | 17,7<br>*0.697* | 0,12<br>*0.005* | 0,86<br>*0.034* | 9,0<br>*0.354* | 5,85<br>*0.230* | 0,85<br>*0.033* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-177MNF200.09Z3 | 2 | 0.079 | 17,7<br>*0.697* | 0,16<br>*0.006* | 1,16<br>*0.046* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,35<br>*0.053* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-177MNF200.09Z6 | 2 | 0.079 | 17,7<br>*0.697* | 0,16<br>*0.006* | 1,16<br>*0.046* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,15<br>*0.045* | 60,0<br>*2.362* | 6 | ○ | ■ |
| R335.14-177MNF300.09Z3 | 3 | 0.118 | 17,7<br>*0.697* | 0,25<br>*0.010* | 1,73<br>*0.068* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,65<br>*0.065* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-177MNF350.09Z3 | 3,5 | 0.138 | 17,7<br>*0.697* | 0,28<br>*0.011* | 2,02<br>*0.080* | 9,0<br>*0.354* | 5,85<br>*0.230* | 1,95<br>*0.077* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-217MNF400.12Z3 | 4 | 0.157 | 21,7<br>*0.854* | 0,5<br>*0.020* | 2,16<br>*0.085* | 12,0<br>*0.472* | 5,85<br>*0.230* | 1,95<br>*0.077* | 60,0<br>*2.362* | 3 | ○ | ■ |
| R335.14-217MNF450.12Z3 | 4,5 | 0.177 | 21,7<br>*0.854* | 0,56<br>*0.022* | 2,43<br>*0.096* | 12,0<br>*0.472* | 5,85<br>*0.230* | 2,25<br>*0.089* | 60,0<br>*2.362* | 3 | ○ | ■ |

● = Stoc standard O = Disponibil la cerere (în 2 săptămâni)

## 335.14 Plăcuţe amovibile

Profil filet UN - Metric






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—Informaţii tehnice, consultaţi pagina 198

| | | | | | | | | | | | | Calităţi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Reper Nr.** | **Pas** | | **DC** | **CF** | **DCSFMS** | **HC** | **LF** | **PDX** | **PNA** | **ZEFP** | **CZCMS** | **Acoperită** |
| | mm | TPIX | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | F32M |
| R335.14-177UNNF6.09Z3 | – | 6 | 17,7<br>*0.697* | 0,53<br>*0.021* | 9,0<br>*0.354* | 2,291<br>*0.090* | 5,85<br>*0.230* | 1,65<br>*0.065* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF8.09Z3 | – | 8 | 17,7<br>*0.697* | 0,4<br>*0.016* | 9,0<br>*0.354* | 1,718<br>*0.068* | 5,85<br>*0.230* | 1,45<br>*0.057* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF10.09Z3 | – | 10 | 17,7<br>*0.697* | 0,32<br>*0.013* | 9,0<br>*0.354* | 1,375<br>*0.054* | 5,85<br>*0.230* | 1,25<br>*0.049* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF11.09Z3 | – | 11 | 17,7<br>*0.697* | 0,29<br>*0.011* | 9,0<br>*0.354* | 1,249<br>*0.049* | 5,85<br>*0.230* | 1,05<br>*0.041* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF12.09Z3 | – | 12 | 17,7<br>*0.697* | 0,27<br>*0.011* | 9,0<br>*0.354* | 1,146<br>*0.045* | 5,85<br>*0.230* | 1,05<br>*0.041* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF14.09Z3 | – | 14 | 17,7<br>*0.697* | 0,23<br>*0.009* | 9,0<br>*0.354* | 0,982<br>*0.039* | 5,85<br>*0.230* | 0,85<br>*0.033* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF16.09Z3 | – | 16 | 17,7<br>*0.697* | 0,2<br>*0.008* | 9,0<br>*0.354* | 0,859<br>*0.034* | 5,85<br>*0.230* | 0,85<br>*0.033* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF18.09Z3 | – | 18 | 17,7<br>*0.697* | 0,18<br>*0.007* | 9,0<br>*0.354* | 0,763<br>*0.030* | 5,85<br>*0.230* | 0,85<br>*0.033* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF20.09Z3 | – | 20 | 17,7<br>*0.697* | 0,16<br>*0.006* | 9,0<br>*0.354* | 0,687<br>*0.027* | 5,85<br>*0.230* | 0,65<br>*0.026* | 60,0<br>*2.362* | 3 | • | ■ |
| R335.14-177UNNF24.09Z3 | – | 24 | 17,7<br>*0.697* | 0,13<br>*0.005* | 9,0<br>*0.354* | 0,572<br>*0.023* | 5,85<br>*0.230* | 0,65<br>*0.026* | 60,0<br>*2.362* | 3 | • | ■ |

• = Stoc standard O = Disponibil la cerere (în 2 săptămâni)

## Viteza de așchiere Thread milling 335.14 metric *inci*

| SMG | R335.14 | |
|---|---|---|
| | $f_z$ | $v_c$ |
| P1 | 0,070<br>*0.0028* | 275<br>*900* |
| P2 | 0,070<br>*0.0028* | 270<br>*890* |
| P3 | 0,070<br>*0.0028* | 230<br>*750* |
| P4 | 0,065<br>*0.0026* | 205<br>*670* |
| P5 | 0,065<br>*0.0026* | 195<br>*640* |
| P6 | 0,065<br>*0.0026* | 215<br>*710* |
| P7 | 0,065<br>*0.0026* | 205<br>*670* |
| P8 | 0,070<br>*0.0028* | 195<br>*640* |
| P11 | 0,065<br>*0.0026* | 200<br>*660* |
| P12 | 0,044<br>*0.0017* | 120<br>*395* |
| M1 | 0,070<br>*0.0028* | 215<br>*710* |
| M2 | 0,065<br>*0.0026* | 175<br>*570* |
| M3 | 0,050<br>*0.0020* | 130<br>*425* |
| M4 | 0,046<br>*0.0018* | 100<br>*330* |
| M5 | 0,046<br>*0.0018* | 80<br>*260* |
| K1 | 0,070<br>*0.0028* | 210<br>*690* |
| K2 | 0,065<br>*0.0026* | 185<br>*610* |
| K3 | 0,065<br>*0.0026* | 180<br>*590* |
| K4 | 0,065<br>*0.0026* | 150<br>*490* |
| K5 | 0,060<br>*0.0024* | 90<br>*295* |
| K6 | 0,065<br>*0.0026* | 130<br>*425* |
| K7 | 0,060<br>*0.0024* | 115<br>*375* |
| N1 | 0,090<br>*0.0036* | 970<br>*3175* |
| N2 | 0,090<br>*0.0036* | 620<br>*2025* |
| N3 | 0,090<br>*0.0036* | 415<br>*1350* |
| N11 | 0,090<br>*0.0036* | 475<br>*1550* |
| S1 | 0,046<br>*0.0018* | 50<br>*165* |
| S2 | 0,046<br>*0.0018* | 41<br>*135* |
| S3 | 0,042<br>*0.0017* | 35<br>*115* |
| S11 | 0,050<br>*0.0020* | 65<br>*215* |
| S12 | 0,050<br>*0.0020* | 50<br>*165* |
| S13 | 0,046<br>*0.0018* | 39<br>*130* |
| H5 | 0,044<br>*0.0017* | 43<br>*140* |
| H8 | 0,034<br>*0.0013* | 45<br>*150* |
| H11 | 0,044<br>*0.0017* | 60<br>*195* |
| H12 | 0,034<br>*0.0013* | 55<br>*180* |
| H21 | 0,034<br>*0.0013* | 45<br>*150* |



## Tarozi Threadmaster™

Proiectat pentru utilizare universale, tarodul din oţel rapid Threadmaster filetează în mod eficient găuri într-o gamă largă de tipuri și materiale de piese de prelucrat. Scula dispune de o tehnologie de acoperire avansată, care îi permite obţinerea de regimuri de frezare și rezultate mai ridicate pentru oţel de până la 350 HB, oţel inoxidabil și fontă în comparaţie cu soluţiile fără acoperire, utilizate de obicei în acest domeniu de producţie.

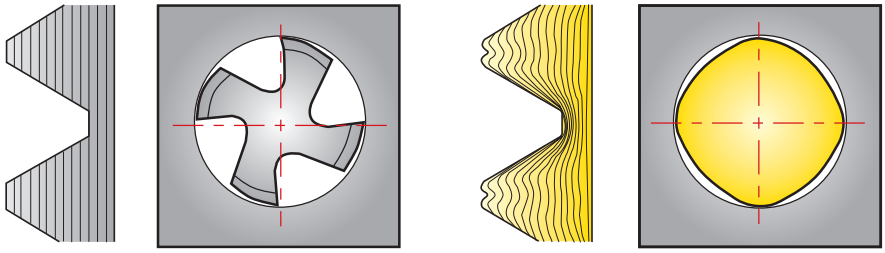
- Dispune de caneluri elicoidale pentru găuri înfundate și vârfuri spiralate pentru găuri străpunse.
- Canelurile drepte se folosesc la materialele cu așchii scurte
- Acoperiri avansate pentru filetare mai rapidă

# Prezentarea tarozilor

**Ce căutaţi la prelucrarea fileturilor?**

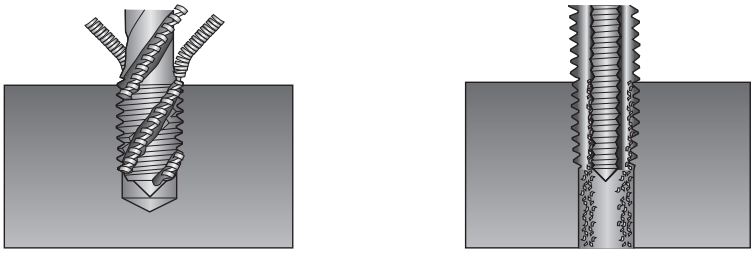
## Aşchierea unui filet vs. Formarea unui filet

Fileturile se pot realiza prin două metode, aşchiere sau formare. Aşchierea se pretează la majoritatea semifabricatelor, în timp ce formarea se poate utiliza doar la oţel, oţel inoxidabil şi aluminiu.



## Gaură străpunsă, gaură înfundată

Tarozii au design diferit. În funcţie de aplicaţie (gaură străpunsă sau înfundată).

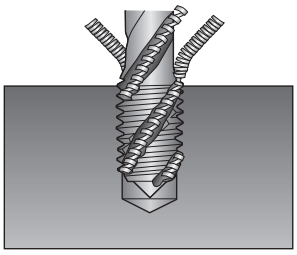


## Mărime găurii

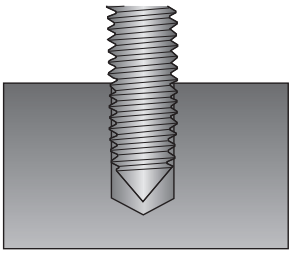
Dimensiunea găurii diferă în funcţie de procedeu, aşchiere sau formare a filetului.

D = Diametrul găurii
TD = Diametrul major al filetului
PTH = Pasul filetului

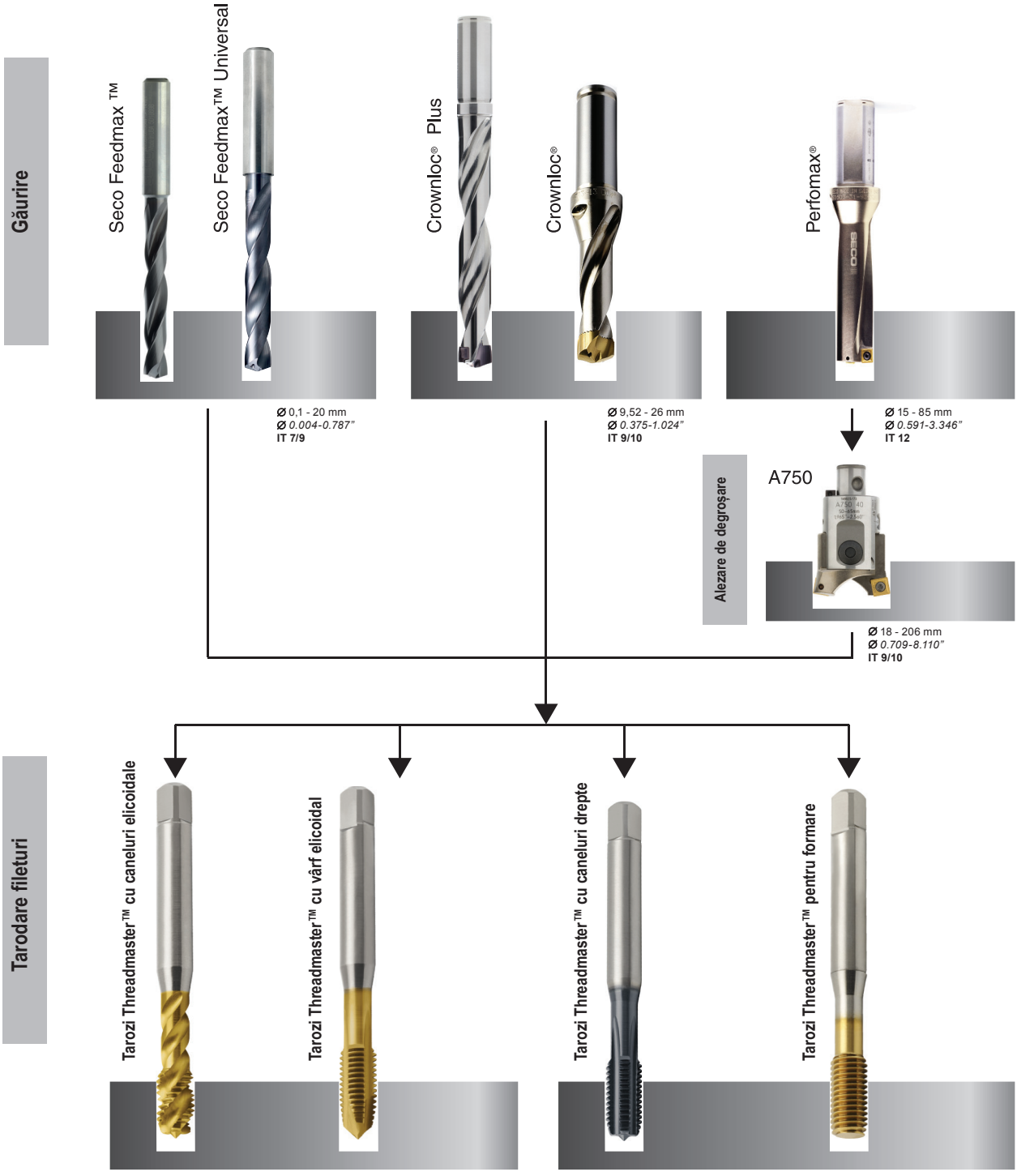
Tarod pentru aşchiere
D = TD-PTH



Tarod pentru formare
D= TD-PTH/2
($D=D_{nom}$ - 0,0068 x PTH x 65)



## Prezentarea tarozilor - Ghidul sculelor



## Tarozi - Alegerea toleranţei tarodului

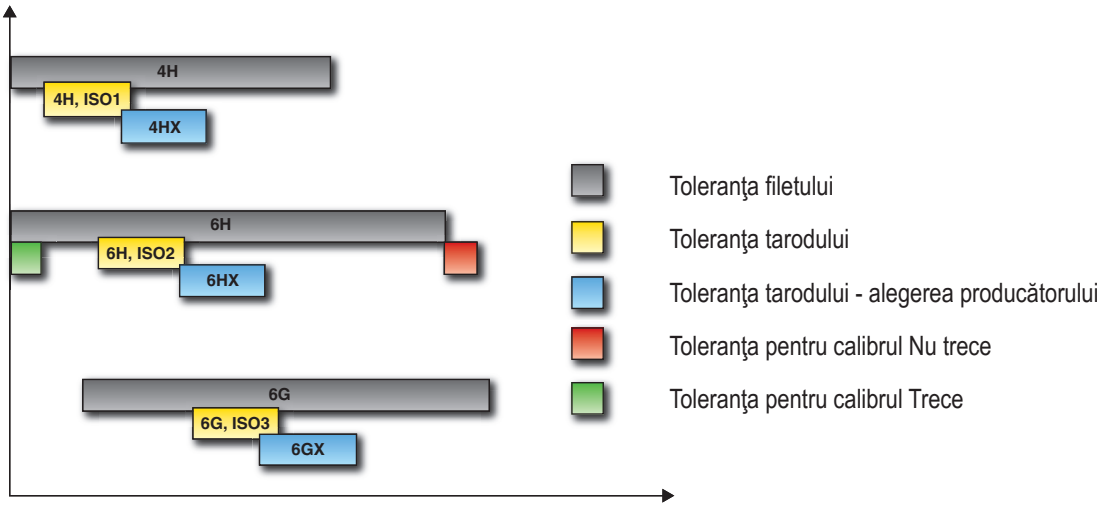
Tarozii Threadmaster™ Taps de la Seco sunt disponibili pentru fileturi cu diferite toleranţe 6H și 6G, precum și 6HX și 6GX.

Toleranţa standard normală este H.

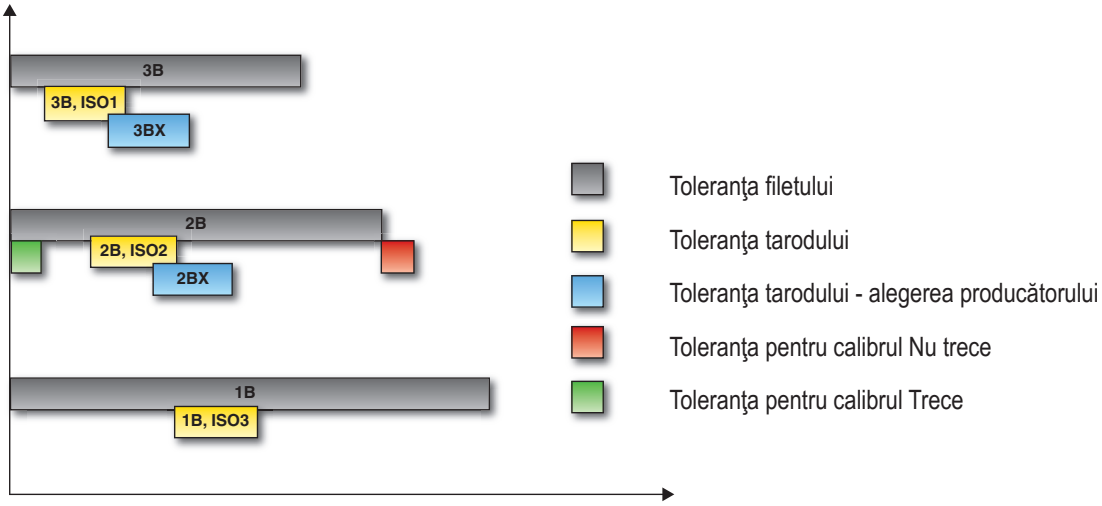
Toleranţele GX/HX și BX se vor utiliza acolo unde riscul de supradimensionare este limitat, ceea ce va aduce o durată de viaţă mai mare a tarodului.

Tarozii pentru UNC/UNF au toleranţa 2B.

Pentru G și NPT/NPTF clasa de toleranţă este normală.




Fileturi metrice

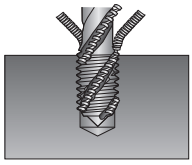



Fileturi UN

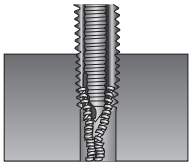
## Codificare – tarozi T30, T32, T33, T34 și T35

| T35 | A | – | R | 15 | S | 01 | C | 03 | – | 6 | x | 1 | – | 65 | R | – | H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | | 9 | | 10 | | 11 | 12 | | 13 |

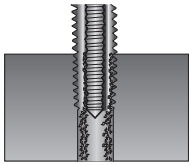
Nr. 3, 4



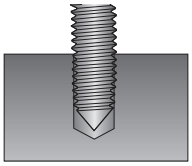
**R40/R45**
**Găuri înfundate**
**ULDR = 2,5**



**P**
**Găuri străpunse**
**ULDR = 3**



**S**
**Găuri înfundate și străpunse**
**ULDR = 1,5**



**F/FS - tarozi de formare**
**Găuri înfundate și străpunse**
**ULDR = 3**

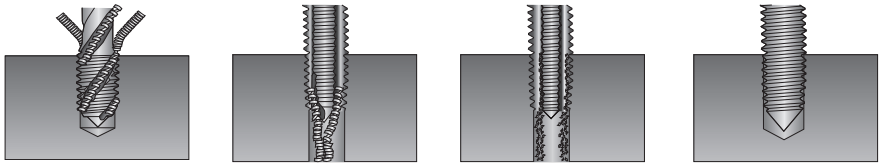
**ULDR = Raţia utilizabilă lungime diametru**

| **Descriere** | | | | |
|---|---|---|---|---|
| **1. Familie** | T30 – tarozi de uz general HSSE<br>T32 – tarozi de aşchiere versatile<br>T33 – tarozi de formare | | T34 – tarozi de aşchiere versatili de înaltă performanţă<br>T35 – tarozi de formare | |
| **2. Agent de răcire intern** | [Blank] – fără lichid de răcire<br>A – axial<br>B – radial | | | |
| **3. Design** | P – Helix Point<br>S – caneluri drepte<br>R – caneluri spiralate dreapta | | L – caneluri stânga<br>F – tarod de formare<br>FS – tarod de formare cu caneluri de ulei | |
| **4. Unghiul elicei canelurii** | 40<br>45 | Folosit pentru design R și L. | | |
| **5. Acoperirea** | C – TiN + TiCN<br>H – TiAlN + WC/C<br>N – TiAlN + TiN | | U – Neacoperit<br>X – Vaporizat<br>S – TiAlSiN | |
| **6. Tip filet** | 01 – M<br>02 – MF<br>04 – EGM - tarozi pentru fileturi Helicoil/STI<br>08 – UNC | | 09 – UNF<br>16 – EGUNC - tarozi pentru fileturi Helicoil/STI<br>17 – EGUNF - tarozi pentru fileturi Helicoil/STI<br>21 – G | 32 – Rp<br>33 – Rc<br>46 – NPT<br>47 – NPTF |
| **7. Tipul de șanfren** | B = Șanfren de intrare 3,5 - 5 fileturi<br>C = Șanfren de intrare 2 - 3 fileturi<br>E = Șanfren de intrare 1,5 - 2 fileturi | | | |
| **8. Standard** | 03 – DIN371 - cu coadă ranforsată<br>04 – DIN371/EL - extra-lung cu coadă ranforsată<br>05 – DIN374 - coadă redusă (pentru filet fin)<br>06 – DIN376 - coadă redusă (pentru filet rar)<br>07 – DIN376/EL - extra-lung cu coadă redusă | | 09 – DIN5156 – coadă redusă (pentru fileturi de ţeavă)<br>93 – diametre ANSI, lungimiDIN371<br>95 – diametre ANSI, lungimi DIN374<br>96 – diametre ANSI, lungimi DIN376 | |
| **9. Dimensiune filet** | | | | |
| **10. Pas** | | | | |
| **11. Toleranţe** | Fileturi M:<br>41 – 4H<br>61 – 6G<br>62 – 6GX | Fileturi M:<br>63 – 6H<br>64 – 6H mod (pentru EG M)<br>65 – 6HX | Pentru fileturi UNC și UNF<br>21 – 2B<br>22 – 2BX | Pentru fileturi G:<br>11 – Normal<br>12 – Normal X |
| **12. Partea** | R = Dreapta L = Stânga | | | |
| **13. Domeniu principal de aplicabilitate (SMG)** | | | | |

## Codificare – Tarozi MTH, MTS, MF și MTP

| MTS | – | M10 | x | 1.5ISO | 6H | – | B | C | – | V | 0 | 01 | – | A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | | 3 | 4 | | 5 | 6 | | 7 | 8 | 9 | | 10 |

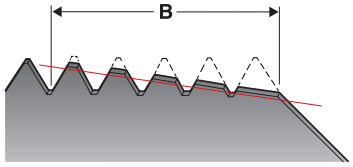
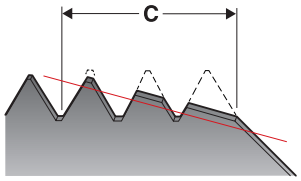
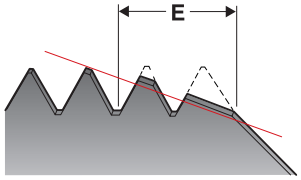
Nr. 1



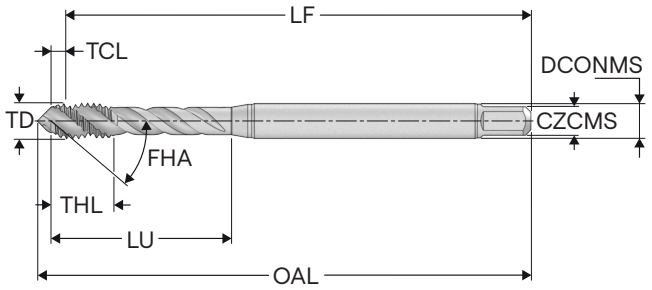
MTH MTP MTS MF

| | Descriere |
|---|---|
| 1 | MTH = Tarod Threadmaster™ cu caneluri elicoidale<br>MTP = Tarod Threadmaster™ cu vârf elicoidal<br>MTS = Tarod Threadmaster™ cu caneluri drepte<br>MF = Tarod Threadmaster™ pentru formare |
| 2 | Tipul și dimensiunea filetului |
| 3 | Pasul și forma filetului |
| 4 | Toleranţă (tctr) 4H, 6H, 6HX, 6G, 6GX metric și 2B, 2BX, 3B, 3BX, Normal, NormalX inci |
| 5 | Operaţia<br>B = Gaură înfundată<br>T = Gaură străpunsă<br>X = Gaură străpunsă și înfundată |
| 6 | Șanfrenul de intrare (THCHT)<br>B = Șanfrenul de intrare 3,5 - 5 ganguri<br>C = Șanfrenul de intrare 2 - 3 ganguri<br>E = Șanfrenul de intrare 1,5 - 2 ganguri |
| 7 | V = Versatil<br>P = Oţel<br>M = Oţel inoxidabil<br>K = Fontă<br>N = Neferoase<br>S = Superaliaje și titan |
| 8 | Release Nr. = 0 ( 2014 ) |
| 9 | Tipul sculei Nr. = 01, 02, 03, 04 etc |
| 10 | A = Cu răcire prin interior |

## Tarozi - Șanfrenul de intrare THCHT

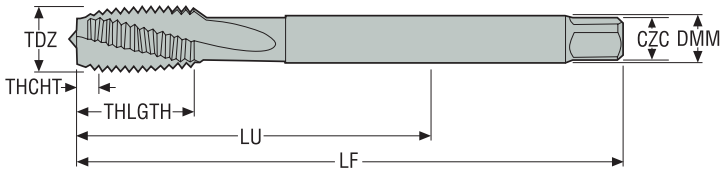
| Tip B | |
|---|---|
| Lungimea 3.5 – 5 ganguri<br>Cuplu mare<br>Cea mai bună finisare a suprafeţei<br>Grosime mică a aşchiei<br>Presiune mică pe şanfren<br>Durată mare de viaţă a sculei<br>Cel mai des întâlnit la găuri străpunse (vârf elicoidal) |  |
| **Tip C** | |
| Lungimea 2 – 3 ganguri<br>Cuplu mediu<br>Finisare bună a suprafeţei<br>Grosime normală a aşchiei<br>Presiune normală pe şanfren<br>Durată normală de viaţă a sculei<br>Cel mai comun design<br>Standard pentru găuri înfundate<br>Cel mai des întâlnit la găuri înfundate (caneluri elicoidale) |  |
| **Tip E** | |
| Lungimea 1.5 – 2 ganguri<br>Cuplu mic<br>Finisare bună a suprafeţei<br>Grosime mare a aşchiei<br>Presiune mare pe şanfren<br>Durată mică de viaţă a sculei<br>Se foloseşte acolo unde este spaţiu limitat la fundul găurii |  |

## Definiţii pentru T30, T32, T33, T34 și T35




| Definiţii Seco Threadmaster™ | |
|---|---|
| BSG | = Grup standard de bază |
| TD | = Diametrul filetului |
| TDZ | = Mărimea diametrului filetului |
| THCHT | = Tipul șanfrenului filetului |
| TCL | = Lungimea șanfenului filetului |
| THL | = Lungimea filetului |
| LU | = Lungimea utilizabilă |
| LF | = Lungimea funcţională |
| OAL | Lungime totală |
| FHA | = Unghiul canelurii elicoidale |
| DCON | = Diametrul conexiunii spre mașină |
| CZCMS | = Codul de dimensiune a conexiunii spre mașină |
| NOF | = Numărul canelurilor |
| PHDR | = Diametrul recomandat al găurii |
| PHDX | = Diametrul maxim al găurii |
| TCTR | = Clasa de toleranţă a filetului |
| TPI | = Fileturi pe inci |
| ULDR | = Raţia utilizabilă lungime diametru |

## Definiţii pentru -P, -M, -K, -N, -S, V și MF




| Definiţii Seco Threadmaster™ | |
|---|---|
| BSG | = Grup standard de bază |
| CZC | = Dimensiunea de prindere |
| DMM | = Diametru coadă prindere |
| FHA | = Unghiul canelurii elicoidale |
| LF | = Lungimea funcţională |
| LU | = Lungimea utilizabilă |
| NOF | = Numărul de caneluri |
| PHDR | = Diametrul recomandat al găurii |
| PHDX | = Diametrul maxim al găurii |
| TCTR | = Clasa de toleranţă a filetului |
| TD | = Diametrul filetului |
| TDZ | = Mărimea diametrului filetului |
| THCHT | = Tipul șanfrenului filetului |
| THFT | = Forma filetului tip ISO, Withworth, UN... |
| THLGTH | = Lungimea filetului |
| TPIX | = Fileturi pe inci maxim |
| TTP | = Tip de filet interior/exterior/ambele |
| TPX | = Pasul filetului maxim |
| ULDR | = Raţia utilizabilă lungime diametru |

# Tarozi – Alegerea portsculei

Alegerea port-sculei depinde de arborele maşinii, cu sau fără sincronizare.

Maşini CNC moderne cu sincronizare:

Maşinile moderne CNC pot sincroniza avansul şi rotaţia arborelui pentru a obţine o operaţie de filetare stabilă. TCER - mandrina pentru prinderea pieselor filetate cu tarod cu microcompensare este cea mai potrivită pentru filetarea sincronizată.

TCER - mandrina pentru prinderea pieselor filetate cu tarod cu microcompensare, pentru filetarea sincronizată:

TCER pentru filetare sincronizată are un sistem de microcompensare pentru evitarea micilor discrepanţe şi a forţelor axiale din timpul procesului de filetare rigidă. Tarozii se montează în pensete ER specifice cu partea dorsală pătrată.

**Notă**: Aceste pensete ER cu parte de acţionare pătrată se pot prinde şi în mandrinele cu pensete ER, dar fără sistem de microcompensare.




TCER

# Depanare

## Filet supradimensionat

**Tarod nepotrivit cu aplicaţia**
- Vezi tabelele de aplicaţii

**Avans axial incorect**
- Verifică rata avansului
- Dacă este posibil, folosește un suport pentru filetare sincronizată

**Viteză de așchiere incorectă**
- Vezi recomandările

**Toleranţă greșită**
- Alege un tarod cu toleranţa mai mică



## Filet subdimensionat

**Tarod uzat**
- Înlocuiește tarodul

**Gaura inițială este prea mică**
- Verifică recomandările de pregăurire

**Materialul se strânge după filetare**
- Mărește diametrul burghiului

**Toleranţă greșită a tarodului**
- Alege un tarod cu o toleranţă mai mare



## Ciobire

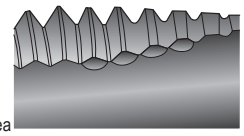
**Tarod necorespunzător cu aplicaţia**
- Verifică alegerea tarodului

**Lubrifiant necorespunzător sau lipsă**
- Folosește un lubrifiant corespunzător sau ulei

**Tarodul lovește fundul găurii**
- Mărește adâncimea de găurire sau micșorează lungimea filetului

**Așchii prinse în filet**
- Verifică alegerea sculei

**Suprafaţa se autocălește după găurire**
- Vezi recomandările pentru găurire



## Spargerea plăcuţei

**Cuplu prea mare**
- Folosiţi un suport cu reglarea cuplului

**Tarod uzat**
- Înlocuiţi tarodul

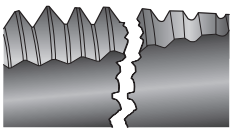
**Lubrifiant necorespunzător sau lipsă**
- Folosiţi emulsia corectă sau ulei

**Tarodul lovește fundul găurii**
- Măriţi adâncimea de găurire sau reduceţi adâncimea filetului

**Viteză de așchiere greșită**
- Consultaţi recomandările

**„Cuib de pasăre” în jurul sculei**
- Verificaţi alegerea sculei

**Gaură inițială prea mică**
- Verificaţi recomandările pentru găurire



## Uzură rapidă

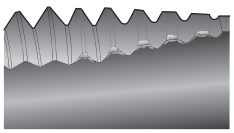
**Tarod necorespunzător cu aplicaţia**
- Verificaţi alegerea tarodului

**Lubrifiant necorespunzător sau lipsă**
- Folosește un lubrifiant corespunzător sau ulei

**Viteză de așchiere prea mare**
- Consultaţi recomandările

**Suprafaţa (de prelucrare) se autocălește după găurire**
- Consultaţi recomandările pentru găurire
- Burghiu uzat

**Gaura inițială prea mică**
- Verificaţi recomandările pentru pregăurire



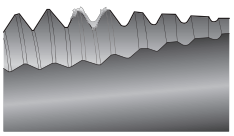
## Aderenţe pe muchia de așchiere

**Lubrifiant necorespunzător sau lipsă**
- Folosiţi un lubrifiant corespunzător sau ulei

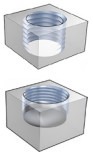
**Tarod uzat**
- Înlocuiţi tarodul

**Viteză de așchiere necorespunzătoare**
- Consultaţi recomandările

**Tarod necorespunzător cu aplicaţia**
- Verificaţi alegerea tarodului



## Selecţie tarozi T30

| Type of tap | | T30-PUB | T30-R40UC | T30-PXB | T30-R40XC | T30-SUC |
|---|---|---|---|---|---|---|
| | |  |  |  |  |  |
| Type of hole | |  |  |  |  |  |
| Chamfer form | | B | C | B | C | C |
| Agent de răcire | | Exterior | Exterior | Exterior | Exterior | Exterior |
| Substrat: | | HSSE | HSSE | HSSE | HSSE | HSSE |
| ULDR | | 3 | 2,5 | 3 | 2,5 | 1,5 |
| FHA | | – | 40° | – | 40° | – |
| Pag. | M | 279, 280 | 290, 291 | 301, 302 | 304, 305 | |
| | M 6G | 281, 281 | 292, 292 | | | |
| | MF | 282, 283, 284 | 293, 294, 295 | 303 | 306 | |
| | UNC | 285, 286 | 296, 297 | | | |
| | UNF | 287, 288 | 298, 299 | | | |
| | G | 289 | 300 | | | |
| | NPT | | | | | 307, 307 |
| | NPTF | | | | | 308 |
| | Rc | | | | | 309 |
| | Rp | | | | | 309 |

Pentru regimuri de așchiere, consultaţi pagina următoare

## Parametri de aşchiere T30

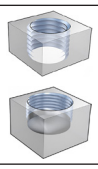
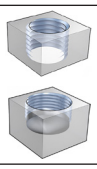
| SMG | $v_c$ | | | | |
|---|---|---|---|---|---|
| | T30-PUB | T30-R40UC | T30-PXB | T30-R40XC | T30-SUC |
| P1 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P2 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P3 | 8,6<br>*28* | 8,6<br>*28* | 8,6<br>*28* | 8,6<br>*28* | 8,6<br>*28* |
| P4 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P5 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P6 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| P7 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| P8 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| M1 | 5<br>*16* | 7<br>*23* | 5<br>*16* | 7<br>*23* | 5<br>*16* |
| M2 | 4,0<br>*13* | 5,7<br>*19* | 4,0<br>*13* | 5,7<br>*19* | 4,0<br>*13* |
| M3 | 3,1<br>*10* | 4,3<br>*14* | 3,1<br>*10* | 4,3<br>*14* | 3,1<br>*10* |
| M4 | 2,3<br>*7,5* | 3,2<br>*10* | 2,3<br>*7,5* | 3,2<br>*10* | 2,3<br>*7,5* |
| K1 | 5,0<br>*16* | —<br>— | 5,0<br>*16* | —<br>— | 5,0<br>*16* |
| K2 | 4,3<br>*14* | —<br>— | 4,3<br>*14* | —<br>— | 4,3<br>*14* |
| K3 | 3,7<br>*12* | 5,0<br>*16* | 3,7<br>*12* | 5,0<br>*16* | 3,7<br>*12* |
| K4 | 3,5<br>*11* | 4,8<br>*16* | 3,5<br>*11* | 4,8<br>*16* | 3,5<br>*11* |
| N1 | 24<br>*80* | 24<br>*80* | 24<br>*80* | 24<br>*80* | 24<br>*80* |
| N2 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| N3 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| N11 | 13<br>*43* | —<br>— | 13<br>*43* | —<br>— | 13<br>*43* |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T32 TiAlN+TiN

| Type of tap | | T32-SNC-micro | T32-SNC | T32-PNB-micro | T32-PNB | T32-PNB | T32-R40NC-micro | T32-R40NC | T32-R40NC |
|---|---|---|---|---|---|---|---|---|---|
| | | TDZ < M3 | | TDZ < M3 | | | TDZ < M3 | | |
| | |  |  |  |  |  |  |  |  |
| Type of hole | |  |  |  |  |  |  |  |  |
| Chamfer form | | C | C | B | B | B | C | C | C |
| Agent de răcire | | Exterior | Exterior | Exterior | Exterior | Exterior | Exterior | Exterior | Exterior |
| Substrat: | | HSS-PM | HSSE | HSSE | HSSE | HSSE-PM HSSE | HSS-PM | HSSE-PM HSSE | HSSE |
| ULDR | | 1,5 | 1,5 | 3 | 3 | 3 | 2,5 | 2,5 | 2,5 |
| FHA | | – | – | – | – | – | 40° | 40° | 40° |
| Pag. | M | 310, 310 | 311, 312 | 317, 317 | 318, 318 | 319, 320, 321 | 334, 334 | 335, 335 | 336, 337, 338 |
| | M 6G | | | | | 322, 322 | | | 339, 339 |
| | M LH | | 313, 313 | | | 323, 323 | | | 340, 340 |
| | MF | | 314, 315 | | | 324, 325 | | | 341, 342 |
| | UNC | | | | | 326, 327, 328 | | | 343, 344, 345 |
| | UNF | | | | | 329, 330, 331 | | | 346, 347, 348 |
| | G | | 316 | | | 332 | | | 349 |
| | EG M | | | | | | | | |
| | EG UNC | | | | | | | | |
| | EG UNF | | | | | | | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere T32 TiAlN+TiN

| SMG | $v_c$ T32-SNC-micro | $v_c$ T32-SNC | $v_c$ T32-PNB-micro | $v_c$ T32-PNB | $v_c$ T32-R40NC-micro | $v_c$ T32-R40NC |
|---|---|---|---|---|---|---|
| P1 | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* |
| P2 | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* |
| P3 | 17<br>*55* | 17<br>*55* | 17<br>*55* | 17<br>*55* | 17<br>*55* | 17<br>*55* |
| P4 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| P5 | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* |
| P6 | 16<br>*50* | 16<br>*50* | 16<br>*50* | 16<br>*50* | 16<br>*50* | 16<br>*50* |
| P7 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| P8 | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* | 14<br>*46* |
| P11 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| P12 | 8,7<br>*29* | 8,7<br>*29* | 8,7<br>*29* | 8,7<br>*29* | 8,7<br>*29* | 8,7<br>*29* |
| M1 | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* |
| M2 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| M3 | 7,6<br>*25* | 7,6<br>*25* | 7,6<br>*25* | 7,6<br>*25* | 7,6<br>*25* | 7,6<br>*25* |
| M4 | 5,7<br>*19* | 5,7<br>*19* | 5,7<br>*19* | 5,7<br>*19* | 5,7<br>*19* | 5,7<br>*19* |
| M5 | 4,8<br>*16* | 4,8<br>*16* | 4,8<br>*16* | 4,8<br>*16* | 4,8<br>*16* | 4,8<br>*16* |
| K1 | 17<br>*55* | 17<br>*55* | 17<br>*55* | 17<br>*55* | —<br>— | —<br>— |
| K2 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | —<br>— | —<br>— |
| K3 | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* |
| K4 | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* |
| K5 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| K6 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| K7 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| N1 | 23<br>*75* | 23<br>*75* | 23<br>*75* | 23<br>*75* | 23<br>*75* | 23<br>*75* |
| N2 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| N3 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| N11 | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* |
| S1 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S2 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S3 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S11 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S12 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S13 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T32 TiAlN + WC/C

| Type of tap | | T32-PHB | T32-R40HC |
|---|---|---|---|
| | |  |  |
| Type of hole | |  |  |
| Chamfer form | | B | C |
| Agent de răcire | | Exterior | Exterior |
| Substrat: | | HSSE | HSSE |
| ULDR | | 3 | 2,5 |
| FHA | | – | 40° |
| Pag. | M | 333, 333 | 350, 350 |
| | M 6G | | |
| | M LH | | |
| | MF | | |
| | UNC | | |
| | UNF | | |
| | G | | |
| | EG M | | |
| | EG UNC | | |
| | EG UNF | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T32 TiAlN + WC/C

| SMG | $v_c$ | |
|---|---|---|
| | T32-PHB | T32-R40HC |
| P1 | 20<br>*65* | 20<br>*65* |
| P2 | 20<br>*65* | 20<br>*65* |
| P3 | 17<br>*55* | 17<br>*55* |
| P4 | 15<br>*49* | 15<br>*49* |
| P5 | 14<br>*46* | 14<br>*46* |
| P6 | 16<br>*50* | 16<br>*50* |
| P7 | 15<br>*49* | 15<br>*49* |
| P8 | 14<br>*46* | 14<br>*46* |
| P11 | 15<br>*49* | 15<br>*49* |
| P12 | 8,7<br>*29* | 7,5<br>*25* |
| M1 | 12<br>*39* | 12<br>*39* |
| M2 | 10<br>*33* | 10<br>*33* |
| M3 | 7,6<br>*25* | 7,6<br>*25* |
| M4 | 5,7<br>*19* | 5,7<br>*19* |
| M5 | 4,8<br>*16* | 4,8<br>*16* |
| K1 | 17<br>*55* | 17<br>*55* |
| K2 | 15<br>*49* | 15<br>*49* |
| K3 | 13<br>*43* | 13<br>*43* |
| K4 | 12<br>*39* | 12<br>*39* |
| N1 | 23<br>*75* | 23<br>*75* |
| N2 | 15<br>*49* | 15<br>*49* |
| N3 | 10<br>*33* | 10<br>*33* |
| N11 | 13<br>*43* | 13<br>*43* |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T34 TiAlN + WC/C

| Type of tap | | T34-PHB-micro | T34-PHB | T34B-PHB | T34-R45HC-micro | T34-R45HC | T34A-R45HC | T34-R45HE | T34A-R45HE |
|---|---|---|---|---|---|---|---|---|---|
| | | TDZ < M3 | | | TDZ < M3 | | | | |
| | |  |  |  |  |  |  |  |  |
| Type of hole | |  |  |  |  |  |  |  |  |
| Chamfer form | | B | B | B | C | C | C | E | E |
| Agent de răcire | | Exterior | Exterior | Intern | Exterior | Exterior | Intern | Exterior | Intern |
| Substrat: | | HSS-PM | HSSE-PM | HSSE-PM | HSS-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM |
| ULDR | | 3 | 3 | 3 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 |
| FHA | | – | – | – | 45° | 45° | 45° | 45° | 45° |
| Pag. | M | 351, 351 | 352, 353, 354 | 355, 355 | 371, 371 | 372, 373, 374 | 375, 375 | 386, 386 | |
| | M 6G | | | | | | | | |
| | M LH | | | | | | | | |
| | MF | | 356, 357 | 358, 358 | | 376, 377 | 378, 378 | 387, 387 | 388 |
| | UNC | | 359, 360, 361 | | | 379, 380, 381 | | | |
| | UNF | | 362, 363, 364 | | | 382, 383, 384 | | | |
| | G | | 369 | | | 385 | | | |
| | EG M | | 365, 366 | | | | | 389, 390 | |
| | EG UNC | | 367, 367 | | | | | 391, 391 | |
| | EG UNF | | 368, 368 | | | | | 392, 392 | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T34 TiAlN + WC/C

| SMG | $v_c$ | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | T34-PHB-micro | T34-PHB | T34B-PHB | T34-R45HC-micro | T34-R45HC | T34A-R45HC | T34-R45HE | T34A-R45HE |
| P1 | 28<br>*90* | 28<br>*90* | 43<br>*140* | 28<br>*90* | 28<br>*90* | 43<br>*140* | 28<br>*90* | 43<br>*140* |
| P2 | 28<br>*90* | 28<br>*90* | 41<br>*135* | 28<br>*90* | 28<br>*90* | 41<br>*135* | 28<br>*90* | 41<br>*135* |
| P3 | 24<br>*80* | 24<br>*80* | 36<br>*120* | 24<br>*80* | 24<br>*80* | 36<br>*120* | 24<br>*80* | 36<br>*120* |
| P4 | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 31<br>*100* |
| P5 | 20<br>*65* | 20<br>*65* | 30<br>*100* | 20<br>*65* | 20<br>*65* | 30<br>*100* | 20<br>*65* | 30<br>*100* |
| P6 | 22<br>*70* | 22<br>*70* | 34<br>*110* | 22<br>*70* | 22<br>*70* | 34<br>*110* | 22<br>*70* | 34<br>*110* |
| P7 | 21<br>*70* | 21<br>*70* | 32<br>*105* | 21<br>*70* | 21<br>*70* | 32<br>*105* | 21<br>*70* | 32<br>*105* |
| P8 | 20<br>*65* | 20<br>*65* | 30<br>*100* | 20<br>*65* | 20<br>*65* | 30<br>*100* | 20<br>*65* | 30<br>*100* |
| P11 | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 31<br>*100* |
| P12 | 12<br>*39* | 12<br>*39* | 18<br>*60* | 12<br>*39* | 12<br>*39* | 18<br>*60* | 12<br>*39* | 18<br>*60* |
| M1 | 15<br>*49* | 15<br>*49* | 21<br>*70* | 15<br>*49* | 15<br>*49* | 21<br>*70* | 15<br>*49* | 21<br>*70* |
| M2 | 12<br>*39* | 12<br>*39* | 17<br>*55* | 12<br>*39* | 12<br>*39* | 17<br>*55* | 12<br>*39* | 17<br>*55* |
| M3 | 9,1<br>*30* | 9,1<br>*30* | 13<br>*43* | 9,1<br>*30* | 9,1<br>*30* | 13<br>*43* | 9,1<br>*30* | 13<br>*43* |
| M4 | 6,9<br>*23* | 6,9<br>*23* | 9,7<br>*32* | 6,9<br>*23* | 6,9<br>*23* | 9,7<br>*32* | 6,9<br>*23* | 9,7<br>*32* |
| M5 | 5,7<br>*19* | 5,7<br>*19* | 8,1<br>*27* | 5,7<br>*19* | 5,7<br>*19* | 8,1<br>*27* | 5,7<br>*19* | 8,1<br>*27* |
| K1 | 24<br>*80* | 24<br>*80* | 36<br>*120* | 24<br>*80* | 24<br>*80* | 36<br>*120* | 24<br>*80* | 36<br>*120* |
| K2 | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 21<br>*70* | 31<br>*100* | 21<br>*70* | 31<br>*100* |
| K3 | 18<br>*60* | 18<br>*60* | 26<br>*85* | 18<br>*60* | 18<br>*60* | 26<br>*85* | 18<br>*60* | 26<br>*85* |
| K4 | 17<br>*55* | 17<br>*55* | 25<br>*80* | 17<br>*55* | 17<br>*55* | 25<br>*80* | 17<br>*55* | 25<br>*80* |
| K5 | —<br>— | 10<br>*33* | 15<br>*49* | —<br>— | 10<br>*33* | 15<br>*49* | 10<br>*33* | 15<br>*49* |
| K6 | 15<br>*49* | 15<br>*49* | 22<br>*70* | 15<br>*49* | 15<br>*49* | 22<br>*70* | 15<br>*49* | 22<br>*70* |
| K7 | 13<br>*43* | 13<br>*43* | 19<br>*60* | 13<br>*43* | 13<br>*43* | 19<br>*60* | 13<br>*43* | 19<br>*60* |
| N1 | 26<br>*85* | 26<br>*85* | 39<br>*130* | 26<br>*85* | 26<br>*85* | 39<br>*130* | 26<br>*85* | 39<br>*130* |
| N2 | 17<br>*55* | 17<br>*55* | 25<br>*80* | 17<br>*55* | 17<br>*55* | 25<br>*80* | 17<br>*55* | 25<br>*80* |
| N3 | 11<br>*36* | 11<br>*36* | 17<br>*55* | 11<br>*36* | 11<br>*36* | 17<br>*55* | 11<br>*36* | 17<br>*55* |
| N11 | 15<br>*49* | 15<br>*49* | 22<br>*70* | 15<br>*49* | 15<br>*49* | 22<br>*70* | 15<br>*49* | 22<br>*70* |
| S1 | —<br>— | 4,0<br>*13* | 4,0<br>*13* | —<br>— | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* |
| S2 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S3 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S11 | —<br>— | 4,0<br>*13* | 4,0<br>*13* | —<br>— | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* |
| S12 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| S13 | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T34 TiCN

| Type of tap | | T34-PCB | T34-R45CC |
|---|---|---|---|
| | |  |  |
| Type of hole | |  |  |
| Chamfer form | | B | C |
| Agent de răcire | | Exterior | Exterior |
| Substrat: | | HSSE-PM | HSSE-PM |
| ULDR | | 2,5 | 3 |
| FHA | | – | 45° |
| Pag. | M | 370, 370 | 393, 393 |
| | M 6G | | |
| | M LH | | |
| | MF | | |
| | UNC | | |
| | UNF | | |
| | G | | |
| | EG M | | |
| | EG UNC | | |
| | EG UNF | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T34 TiCN

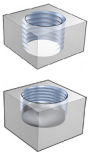
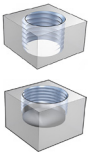
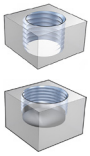
| SMG | $v_c$ | |
|---|---|---|
| | T34-PCB | T34-R45CC |
| P1 | 28<br>*90* | 28<br>*90* |
| P2 | 28<br>*90* | 28<br>*90* |
| P3 | 24<br>*80* | 24<br>*80* |
| P4 | 21<br>*70* | 21<br>*70* |
| P5 | 20<br>*65* | 20<br>*65* |
| P6 | 22<br>*70* | 22<br>*70* |
| P7 | 21<br>*70* | 21<br>*70* |
| P8 | 20<br>*65* | 20<br>*65* |
| P11 | 21<br>*70* | 21<br>*70* |
| P12 | 12<br>*39* | 12<br>*39* |
| M1 | 12<br>*39* | 12<br>*39* |
| M2 | 10<br>*33* | 10<br>*33* |
| M3 | 7,6<br>*25* | 7,6<br>*25* |
| M4 | 5,7<br>*19* | 5,7<br>*19* |
| M5 | 4,8<br>*16* | 4,8<br>*16* |
| K1 | 24<br>*80* | 24<br>*80* |
| K2 | 21<br>*70* | 21<br>*70* |
| K3 | 18<br>*60* | 18<br>*60* |
| K4 | 17<br>*55* | 17<br>*55* |
| K5 | 10<br>*33* | 10<br>*33* |
| N1 | 26<br>*85* | 26<br>*85* |
| N2 | 17<br>*55* | 17<br>*55* |
| N3 | 11<br>*36* | 11<br>*36* |
| N11 | 15<br>*49* | 15<br>*49* |
| S1 | 4,0<br>*13* | 4,0<br>*13* |
| S11 | 4<br>*13* | 4<br>*13* |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T35-P, K, N

| Type of tap | | T35-PSB-P | T35-R40SC-P | T35-SSC-K | T35-SSE-K | T35A-SSC-K | T35A-SSE-K | T35B-SSE-K | T35-R45UC-N |
|---|---|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |  |  |
| Type of hole | |  |  |  |  |  |  |  |  |
| Chamfer form | | B | C | C | E | C | E | E | C |
| Agent de răcire | | Exterior | Exterior | Exterior | Exterior | Intern | Intern | Intern | Exterior |
| Substrat: | | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM HSSE |
| ULDR | | 3 | 2,5 | 2 | 2 | 2,5 | 2,5 | 2,5 | 2,5 |
| FHA | | – | 40° | – | – | – | – | – | 45° |
| Pag. | M | 394, 395 | 397, 398 | 400, 401 | 405, 405 | 402, 402 | 406, 406 | 407 | 411, 411 |
| | M 6G | | | | | | | | |
| | M LH | | | | | | | | |
| | MF | 396, 396 | 399, 399 | 403, 404 | 408, 408 | | 409 | 410 | |
| | UNC | | | | | | | | |
| | UNF | | | | | | | | |
| | G | | | | | | | | |
| | EG M | | | | | | | | |
| | EG UNC | | | | | | | | |
| | EG UNF | | | | | | | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T35-P, K, N

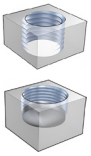
| SMG | $v_c$ | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | T35-PSB-P | T35-R40SC-P | T35-SSC-K | T35-SSE-K | T35A-SSC-K | T35A-SSE-K | T35B-SSE-K | T35-R45UC-N |
| P1 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P2 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P3 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P4 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P5 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P6 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P7 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P8 | 25 | 25 | – | – | – | – | – | – |
| | *80* | *80* | – | – | – | – | – | – |
| P11 | 10 | 10 | – | – | – | – | – | – |
| | *33* | *33* | – | – | – | – | – | – |
| P12 | 10 | 10 | – | – | – | – | – | – |
| | *33* | *33* | – | – | – | – | – | – |
| M3 | 10 | 10 | – | – | – | – | – | – |
| | *33* | *33* | – | – | – | – | – | – |
| M4 | 10 | 10 | – | – | – | – | – | – |
| | *33* | *33* | – | – | – | – | – | – |
| K1 | 10 | 10 | 30 | 30 | 30 | 30 | 30 | – |
| | *33* | *33* | *100* | *100* | *100* | *100* | *100* | – |
| K2 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | – |
| | *33* | *33* | *65* | *65* | *65* | *65* | *65* | – |
| K3 | 15 | 15 | 17 | 17 | 17 | 17 | 17 | – |
| | *49* | *49* | *55* | *55* | *55* | *55* | *55* | – |
| K4 | 49 | 49 | 16 | 16 | 16 | 16 | 16 | – |
| | *15* | *15* | *50* | *50* | *50* | *50* | *50* | – |
| K5 | – | – | 7 | 7 | 7 | 7 | 7 | – |
| | – | – | *23* | *23* | *23* | *23* | *23* | – |
| K6 | – | – | 14 | 14 | 14 | 14 | 14 | – |
| | – | – | *46* | *46* | *46* | *46* | *46* | – |
| K7 | – | – | 9 | 9 | 9 | 9 | 9 | – |
| | – | – | *30* | *30* | *30* | *30* | *30* | – |
| N1 | 20 | 20 | – | – | – | – | – | 15 |
| | *65* | *65* | – | – | – | – | – | *49* |
| N2 | 20 | 20 | – | – | – | – | – | – |
| | *65* | *65* | – | – | – | – | – | – |
| N3 | 20 | 20 | – | – | – | – | – | – |
| | *65* | *65* | – | – | – | – | – | – |
| N11 | 20 | 20 | – | – | – | – | – | – |
| | *65* | *65* | – | – | – | – | – | – |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi T35-H

| Type of tap | | T35-SSC-H | T35-PSB-H | T35-R15SC-H | T35A-R15SC-H |
|---|---|---|---|---|---|
| | |  |  |  |  |
| Type of hole | |  |  |  |  |
| Chamfer form | | C | B | C | C |
| Agent de răcire | | Exterior | Exterior | Exterior | Intern |
| Substrat: | | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM |
| ULDR | | 1,5xD | 2,5xD | 1,5xD | 1,5xD |
| FHA | | – | – | 15° | 15° |
| Pag. | M | 412, 412 | 413, 413 | 414, 414 | 415, 415 |
| | M 6G | | | | |
| | M LH | | | | |
| | MF | | | 416 | 417 |
| | UNC | | | | |
| | UNF | | | | |
| | G | | | | |
| | EG M | | | | |
| | EG UNC | | | | |
| | EG UNF | | | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T35-H

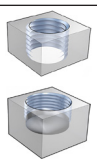
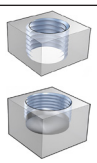
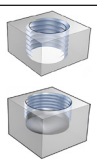
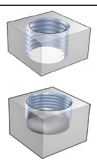
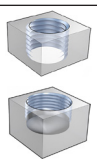
| SMG | $v_c$ | | | |
|---|---|---|---|---|
| | T35-SSC-H | T35-PSB-H | T35-R15SC-H | T35A-R15SC-H |
| P4 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P5 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| P6 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| P7 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| P8 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| M4 | 7,0<br>*23* | 7,0<br>*23* | 7,0<br>*23* | 7,0<br>*23* |
| M5 | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* | 4,0<br>*13* |
| K1 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| K3 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| K4 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| K5 | 3,0<br>*9.8* | 5,0<br>*16* | 5,0<br>*16* | 5,0<br>*16* |
| N1 | 31<br>*100* | 31<br>*100* | 31<br>*100* | 31<br>*100* |
| N2 | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* |
| N3 | 13<br>*43* | 13<br>*43* | 13<br>*43* | 13<br>*43* |
| H5 | 7,0<br>*23* | 15<br>*49* | 7,0<br>*23* | 7,0<br>*23* |
| H8 | 7,0<br>*23* | 15<br>*49* | 7,0<br>*23* | 7,0<br>*23* |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

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## Selecţie tarozi T33

| Type of tap | | T33-FNC | T33-FSNC | T33-FSCC | T33-FSCE | T33B-FSCE/FSCC | T33A-FSCE |
|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |
| Type of hole | |  |  |  |  |  |  |
| Chamfer form | | C | C | C | E | E/C | E |
| Agent de răcire | | Exterior | Exterior | Exterior | Exterior | Intern | Intern |
| Substrat: | | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM | HSSE-PM |
| ULDR | | 3 | 3 | 3 | 3 | 3 | 3 |
| Pag. | M | 418, 419 | 420, 421 | 428 | 428 | 429, 430 | 429 |
| | M 6G | | 422, 422 | | | | |
| | M LH | | | | | | |
| | MF | | 423, 424 | 431, 432 | | 432 | |
| | UNC | | 425, 425 | | | | |
| | UNF | | 426, 426 | | | | |
| | G | | 427 | | | | |
| | EG M | | | | | | |
| | EG UNC | | | | | | |
| | EG UNF | | | | | | |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de așchiere T33

| SMG | $v_c$ | | | | | |
|---|---|---|---|---|---|---|
| | T33-FNC | T33-FSNC | T33-FSCC | T33-FSCE | T33B-FSCE/FSCC | T33A-FSCE |
| P1 | 21<br>*70* | 21<br>*70* | 21<br>*70* | 21<br>*70* | 28<br>*90* | 28<br>*90* |
| P2 | 21<br>*70* | 21<br>*70* | 21<br>*70* | 21<br>*70* | 28<br>*90* | 28<br>*90* |
| P3 | 18<br>*60* | 18<br>*60* | 18<br>*60* | 18<br>*60* | 24<br>*80* | 24<br>*80* |
| P4 | 16<br>*50* | 16<br>*50* | 16<br>*50* | 16<br>*50* | 21<br>*70* | 21<br>*70* |
| P5 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 20<br>*65* | 20<br>*65* |
| P6 | 17<br>*55* | 17<br>*55* | 17<br>*55* | 17<br>*55* | 22<br>*70* | 22<br>*70* |
| P7 | 16<br>*50* | 16<br>*50* | 16<br>*50* | 16<br>*50* | 21<br>*70* | 21<br>*70* |
| P8 | — | — | — | — | — | — |
| P11 | — | — | — | — | — | — |
| P12 | — | — | — | — | — | — |
| M1 | 19<br>*60* | 19<br>*60* | 19<br>*60* | 19<br>*60* | 19<br>*60* | 19<br>*60* |
| M2 | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* | 15<br>*49* |
| M3 | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* | 11<br>*36* |
| M4 | —<br>— | —<br>— | 8,6<br>*28* | 8,6<br>*28* | 8,6<br>*28* | 8,6<br>*28* |
| M5 | — | — | — | — | — | — |
| K1 | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — |
| N1 | 31<br>*100* | 31<br>*100* | 47<br>*155* | 47<br>*155* | 47<br>*155* | 47<br>*155* |
| N2 | 20<br>*65* | 20<br>*65* | 30<br>*100* | 30<br>*100* | 30<br>*100* | 30<br>*100* |
| N3 | — | — | 20<br>*65* | 20<br>*65* | 20<br>*65* | 20<br>*65* |
| N11 | — | — | 27<br>*90* | 27<br>*90* | 27<br>*90* | 27<br>*90* |
| S1 | — | — | — | — | — | — |
| S2 | — | — | — | — | — | — |
| S3 | — | — | — | — | — | — |
| S11 | — | — | — | — | — | — |
| S12 | — | — | — | — | — | — |
| S13 | — | — | — | — | — | — |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Cutting speeds ($v_c$) in the table are recommendations for a start value.

For more detailed information on cuttingdata, please visit MyPages or Seco Suggest on secotools.com

## Selecţie tarozi MTH-P003 – MTH-P011

| Tip sculă | MTH-P003 | MTH-P003-A | MTH-P004 | MTH-P004-A | MTH-P011 |
|---|---|---|---|---|---|
| **Tip filet** | M | M | M | M | MF |
| **TCTR** | 6HX | 6HX | 6HX | 6HX | 6HX |
| **ULDR** | 3 | 3 | 3 | 3 | 3 |
| **THCHT** | C | C | C | C | C |
| **BSG** | DIN371 | DIN371 | DIN376 | DIN376 | DIN374 |
| **Dimensiune filet** | M1.6 - M10 | M4 - M10 | M5 - M30 | M12 - M30 | MF 4X0.5 - MF 30X2.0 |
| **FHA** | 48° | 48° | 48° | 48° | 48° |
| |  |  |  |  |  |
| **Agent de răcire** | Nu | Da | Nu | Da | Nu |
| **Pag.** | 449 | 450 | 451 | 452 | 453, 454 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-P003 – P011

| SMG | MTH- P003 | MTH- P003-A | MTH- P004 | MTH- P004-A | MTH- P011 |
|---|---|---|---|---|---|
| P1 | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* |
| P2 | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* |
| P3 | 45<br>*150* | 45<br>*150* | 45<br>*150* | 45<br>*150* | 45<br>*150* |
| P4 | 40<br>*130* | 40<br>*130* | 40<br>*130* | 40<br>*130* | 40<br>*130* |
| P5 | 38<br>*125* | 38<br>*125* | 38<br>*125* | 38<br>*125* | 38<br>*125* |
| P6 | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* |
| P7 | 40<br>*130* | 40<br>*130* | 40<br>*130* | 40<br>*130* | 40<br>*130* |
| P8 | 38<br>*125* | 38<br>*125* | 38<br>*125* | 38<br>*125* | 38<br>*125* |
| P11 | 39<br>*130* | 39<br>*130* | 39<br>*130* | 39<br>*130* | 39<br>*130* |
| P12 | 23<br>*75* | 23<br>*75* | 23<br>*75* | 23<br>*75* | 23<br>*75* |
| M1 | — | — | — | — | — |
| M2 | — | — | — | — | — |
| M3 | — | — | — | — | — |
| M4 | — | — | — | — | — |
| M5 | — | — | — | — | — |
| K1 | — | — | — | — | — |
| K2 | — | — | — | — | — |
| K3 | — | — | — | — | — |
| K4 | — | — | — | — | — |
| K5 | — | — | — | — | — |
| K6 | — | — | — | — | — |
| K7 | — | — | — | — | — |
| N1 | — | — | — | — | — |
| N2 | — | — | — | — | — |
| N3 | — | — | — | — | — |
| N11 | — | — | — | — | — |
| H5 | — | — | — | — | — |
| H8 | — | — | — | — | — |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD.

Atunci când avem 1,5xD se măreşte viteza cu 20% iar când avem 2,5xD se reduce viteza cu 20%. La 3xD se reduce cu 30%.
Se recomandă optimizarea parametrilor de aşchiere în funcţie de maşină, material şi condiţiile de fixare.

Plajele recomandate pentru fiecare tip de tarod:
K001-K002: +25% / -25%
V015-V016: +15% / -15%
V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

## Selecţie tarozi MTP-P003 – MTP-P011

| Tip sculă | MTP-P003 | MTP-P003-A | MTP-P004 | MTP-P004-A | MTP-P011 |
|---|---|---|---|---|---|
| **Tip filet** | M | M | M | M | MF |
| **TCTR** | 5HX/6HX | 6HX | 6HX | 6HX | 6HX |
| **ULDR** | 3 | 3 | 3 | 3 | 3 |
| **THCHT** | B | B | B | B | B |
| **BSG** | DIN371 | DIN371 | DIN376 | DIN376 | DIN374 |
| **Dimensiune filet** | M1 - M10 | M4 - M10 | M4 - M30 | M12 - M30 | MF 4X0.5 - MF 30X2.0 |
| |  |  |  |  |  |
| **Agent de răcire** | Nu | Da | Nu | Da | Nu |
| **Pag.** | 433 | 434 | 435 | 436 | 437 |

Pentru regimuri de așchiere, consultaţi pagina următoare

## Parametri de aşchiere MTP-P003 – P011

| SMG | MTP- P003 | MTP- P003-A | MTP- P004 | MTP- P004-A | MTP- P011 |
|---|---|---|---|---|---|
| P1 | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* |
| P2 | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* |
| P3 | 50<br>*165* | 50<br>*165* | 50<br>*165* | 50<br>*165* | 50<br>*165* |
| P4 | 45<br>*150* | 45<br>*150* | 45<br>*150* | 45<br>*150* | 45<br>*150* |
| P5 | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* |
| P6 | 48<br>*155* | 48<br>*155* | 48<br>*155* | 48<br>*155* | 48<br>*155* |
| P7 | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* |
| P8 | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* | 43<br>*140* |
| P11 | 44<br>*145* | 44<br>*145* | 44<br>*145* | 44<br>*145* | 44<br>*145* |
| P12 | 26<br>*85* | 26<br>*85* | 26<br>*85* | 26<br>*85* | 26<br>*85* |
| M1 | — | — | — | — | — |
| M2 | — | — | — | — | — |
| M3 | — | — | — | — | — |
| M4 | — | — | — | — | — |
| M5 | — | — | — | — | — |
| K1 | — | — | — | — | — |
| K2 | — | — | — | — | — |
| K3 | — | — | — | — | — |
| K4 | — | — | — | — | — |
| K5 | — | — | — | — | — |
| K6 | — | — | — | — | — |
| K7 | — | — | — | — | — |
| N1 | — | — | — | — | — |
| N2 | — | — | — | — | — |
| N3 | — | — | — | — | — |
| N11 | — | — | — | — | — |
| H5 | — | — | — | — | — |
| H8 | — | — | — | — | — |

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$v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD.

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Se recomandă optimizarea parametrilor de aşchiere în funcţie de maşină, material şi condiţiile de fixare.

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K001-K002: +25% / -25%
V015-V016: +15% / -15%
V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

## Selecţie tarozi MTH-M003 – MTP-M004

| Tip sculă | MTH-M003 | MTH-M003-A | MTH-M004 | MTH-M004-A | MTP-M003-A | MTP-M004 | MTP-M004-A |
|---|---|---|---|---|---|---|---|
| **Tip filet** | M | M | M | M | M | M | M |
| **TCTR** | 6H | 6H | 6H | 6H | 6H | 6H | 6H |
| **ULDR** | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| **THCHT** | C | C | C | C | B | B | B |
| **BSG** | DIN371 | DIN371 | DIN376 | DIN376 | DIN371 | DIN376 | DIN376 |
| **Dimensiune filet** | M1.6 - M10 | M4 - M10 | M12 - M20 | M12 - M20 | M4 - M10 | M12 - M20 | M12 - M24 |
| **FHA** | 48° | 48° | 48° | 48° | – | – | – |
| |  |  |  |  |  |  |  |
| **Agent de răcire** | Nu | Da | Nu | Da | Da | Nu | Da |
| **Pag.** | 455 | 456 | 457 | 457 | 438 | 439 | 439 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-M003 – M004

| SMG | $v_c$ | | | | | | |
|---|---|---|---|---|---|---|---|
| | MTH- M003 | MTH- M003-A | MTH- M004 | MTH- M004-A | MTP- M003-A | MTP- M004 | MTP- M004-A |
| P1 | — | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — | — |
| P6 | — | — | — | — | — | — | — |
| P7 | — | — | — | — | — | — | — |
| P8 | — | — | — | — | — | — | — |
| P11 | — | — | — | — | — | — | — |
| P12 | — | — | — | — | — | — | — |
| M1 | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* | 12<br>*39* |
| M2 | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* | 10<br>*33* |
| M3 | 8<br>*26* | 8<br>*26* | 8<br>*26* | 8<br>*26* | 8<br>*26* | 8<br>*26* | 8<br>*26* |
| M4 | 6<br>*20* | 6<br>*20* | 6<br>*20* | 6<br>*20* | 6<br>*20* | 6<br>*20* | 6<br>*20* |
| M5 | 5<br>*16* | 5<br>*16* | 5<br>*16* | 5<br>*16* | 5<br>*16* | 5<br>*16* | 5<br>*16* |
| K1 | — | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — | — |
| N1 | — | — | — | — | — | — | — |
| N2 | — | — | — | — | — | — | — |
| N3 | — | — | — | — | — | — | — |
| N11 | — | — | — | — | — | — | — |
| H5 | — | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — | — |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD.

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Se recomandă optimizarea parametrilor de aşchiere în funcţie de maşină, material şi condiţiile de fixare.

Plajele recomandate pentru fiecare tip de tarod:
K001-K002: +25% / -25%
V015-V016: +15% / -15%
V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

## Selecţie tarozi MTH-N001 – MTP-N002

| Tip sculă | MTH-N001 | MTH-N002 | MTP-N001 | MTP-N001-A | MTP-N002 | MTP-N002-A |
|---|---|---|---|---|---|---|
| **Tip filet** | M | M | M | M | M | M |
| **TCTR** | 6H | 6H | 6H | 6H | 6H | 6H |
| **ULDR** | 1.5 | 1.5 | 3 | 3 | 3 | 3 |
| **THCHT** | C | C | B | B | B | B |
| **BSG** | DIN371 | DIN376 | DIN371 | DIN371 | DIN376 | DIN376 |
| **Dimensiune filet** | M3 - M10 | M12 - M16 | M3 - M10 | M4 - M10 | M12 - M16 | M12 - M16 |
| **FHA** | 15° | 15° | – | – | – | – |
| |  |  |  |  |  |  |
| **Agent de răcire** | Nu | Nu | Nu | Da | Nu | Da |
| **Pag.** | 458 | 458 | 440 | 440 | 441 | 441 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-N001 – N002

| SMG | $v_c$ | | | | | |
|---|---|---|---|---|---|---|
| | MTH- N001 | MTH- N002 | MTP- N001 | MTP- N001-A | MTP- N002 | MTP- N002-A |
| P1 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P6 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P7 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P8 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P11 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| P12 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| M1 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| M2 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| M3 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| M4 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| M5 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K1 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| N1 | 55 | 55 | 55 | 55 | 55 | 55 |
| | *180* | *180* | *180* | *180* | *180* | *180* |
| N2 | 35 | 35 | 35 | 35 | 35 | 35 |
| | *115* | *115* | *115* | *115* | *115* | *115* |
| N3 | 23 | 23 | 23 | 23 | 23 | 23 |
| | *75* | *75* | *75* | *75* | *75* | *75* |
| N11 | 31 | 31 | 31 | 31 | 31 | 31 |
| | *100* | *100* | *100* | *100* | *100* | *100* |
| H5 | — | — | — | — | — | — |
| | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — |
| | — | — | — | — | — | — |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD.

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Plajele recomandate pentru fiecare tip de tarod:
K001-K002: +25% / -25%
V015-V016: +15% / -15%
V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

## Selecţie tarozi MTH-S001 – MTH-S032

| Tip sculă | MTH-S001 | MTH-S002 | MTH-S003 | MTH-S004 | MTH-S011 | MTH-S012 | MTH-S031 | MTH-S032 |
|---|---|---|---|---|---|---|---|---|
| **Tip filet** | M | M | M | M | MF | MJ | UNC | UNJC |
| **TCTR** | 6HX | 6HX | 6HX | 6HX | 6HX | 4H | 2B | 3B |
| **ULDR** | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| **THCHT** | C | C | C | C | C | C | C | C |
| **BSG** | DIN371 | DIN371 | DIN371 | DIN371 | DIN371 | DIN371 | DIN2184-1 | DIN2184-1 |
| **Dimensiune filet** | M3-M10 | M12-M16 | M3-M10 | M12-M16 | MF8X1-MF12X1,5 | MJ3-MJ6 | UNC2-56-UNC3/8-16 | UNJC4-40-UNJC3/8-16 |
| **FHA** | 10° | 10° | 10° | 10° | 10° | 10° | 25° | 10° |
| |  |  |  |  |  |  |  |  |
| **Agent de răcire** | Nu | Nu | Nu | Nu | Nu | Nu | Nu | Nu |
| **Pag.** | 459 | 459 | 460 | 460 | 461 | 462 | 463 | 464 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-S001 – S032

| SMG | $v_c$ | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MTH-S001 | MTH-S002 | MTH-S003 | MTH-S004 | MTH-S011 | MTH-S012 | MTH-S031 | MTH-S032 |
| P1 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P6 | 3 | 3 | 7 | 7 | 3 | 3 | 3 | 3 |
| | *10* | *10* | *23* | *23* | *10* | *10* | *10* | *10* |
| P7 | 3 | 3 | 7 | 7 | 3 | 3 | 3 | 3 |
| | *10* | *10* | *23* | *23* | *10* | *10* | *10* | *10* |
| P8 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| P11 | 3 | 3 | 6 | 6 | 3 | 3 | 3 | 3 |
| | *10* | *10* | *20* | *20* | *10* | *10* | *10* | *10* |
| P12 | 2 | 2 | 4 | 4 | 2 | 2 | 2 | 2 |
| | *7* | *7* | *13* | *13* | *7* | *7* | *7* | *7* |
| M1 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| M2 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| M3 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| M4 | — | — | — | — | — | — | 2 | — |
| | — | — | — | — | — | — | *7* | — |
| M5 | — | — | — | — | — | — | 2 | — |
| | — | — | — | — | — | — | *7* | — |
| K1 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| N1 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| N2 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| N3 | 16 | 16 | 25 | 25 | 16 | 16 | — | 16 |
| | *50* | *50* | *80* | *80* | *50* | *50* | — | *50* |
| N11 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| S1 | 2 | 2 | 4 | 4 | 2 | 2 | 2 | 2 |
| | *7* | *7* | *13* | *13* | *7* | *7* | *7* | *7* |
| S2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 |
| | *7* | *7* | *10* | *10* | *7* | *7* | *7* | *7* |
| S3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 |
| | *7* | *7* | *10* | *10* | *7* | *7* | *7* | *7* |
| S11 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| S12 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| S13 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| H5 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — |

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## Selecţie tarozi MTH-S041 – MTH-S142

| Tip sculă | MTH-S041 | MTH-S042 | MTH-S043 | MTH-S044 | MTH-S101 | MTH-S102 | MTH-S111 | MTH-S112 | MTH-S142 |
|---|---|---|---|---|---|---|---|---|---|
| Tip filet | UNF | UNJF | EGUNF | EGUNF | M | M | MF | MJ | UNJF |
| TCTR | 3B | 3B | 3B | 3B | 6HX | 6HX | 6HX | 4H | 3B |
| ULDR | 1.5 | 1.5 | 2.0 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| THCHT | C | C | C | C | C | C | C | C | C |
| BSG | DIN2184-1 | DIN2184-1 | DIN2184-1 | DIN2184-1 | DIN371 | DIN376 | DIN376 | DIN371 | DIN2184-1 |
| Dimensiune filet | UNF6-40-UNF3/8-24 | UNJF6-40-UNJF3/8-24 | EGUNF6-40-EGUNF3/8-24 | EGUNF6-40-EGUNF3/8-24 | M2-M10 | M12-M20 | MF6X0,75-MF14X1,5 | MJ3-MJ10 | UNJF10-32-UNJF3/8-24 |
| FHA | 25° | 10° | 15° | 10° | 15° | 15° | 15° | 15° | 15° |
| |  |  |  |  |  |  |  |  |  |
| Agent de răcire | Nu | Nu | Nu | Nu | Nu | Nu | Nu | Nu | Nu |
| Pag. | 465 | 466 | 467 | 467 | 468 | 468 | 469 | 470 | 471 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-S041 – S142

| SMG | $v_c$ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | MTH-S041 | MTH-S042 | MTH-S043 | MTH-S044 | MTH-S101 | MTH-S102 | MTH-S111 | MTH-S112 | MTH-S142 |
| P1 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P6 | 3 | 3 | 7 | 3 | 7 | 7 | 7 | 7 | 7 |
| | *10* | *10* | *23* | *10* | *23* | *23* | *23* | *23* | *23* |
| P7 | 3 | 3 | 7 | 3 | 7 | 7 | 7 | 7 | 7 |
| | *10* | *10* | *23* | *10* | *23* | *23* | *23* | *23* | *23* |
| P8 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| P11 | 3 | 3 | 6 | 3 | 6 | 6 | 6 | 6 | 6 |
| | *10* | *10* | *20* | *10* | *20* | *20* | *20* | *20* | *20* |
| P12 | 2 | 2 | 4 | 2 | 4 | 4 | 4 | 4 | 4 |
| | *7* | *7* | *13* | *7* | *13* | *13* | *13* | *13* | *13* |
| M1 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| M2 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| M3 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| M4 | 2 | — | 6 | — | 6 | 6 | 6 | 6 | 6 |
| | *7* | — | *20* | — | *20* | *20* | *20* | *20* | *20* |
| M5 | 2 | — | 5 | — | 5 | 5 | 5 | 5 | 5 |
| | *7* | — | *16* | — | *16* | *16* | *16* | *16* | *16* |
| K1 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| N1 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| N2 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| N3 | — | 16 | 25 | 16 | 25 | 25 | 25 | 25 | 25 |
| | — | *50* | *80* | *50* | *80* | *80* | *80* | *80* | *80* |
| N11 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| S1 | 2 | 2 | — | 2 | — | — | — | — | — |
| | *7* | *7* | — | *7* | — | — | — | — | — |
| S2 | 2 | 2 | — | 2 | — | — | — | — | — |
| | *7* | *7* | — | *7* | — | — | — | — | — |
| S3 | 2 | 2 | — | 2 | — | — | — | — | — |
| | *7* | *7* | — | *7* | — | — | — | — | — |
| S11 | — | — | 5 | — | 5 | 5 | 5 | 5 | 5 |
| | — | — | *16* | — | *16* | *16* | *16* | *16* | *16* |
| S12 | — | — | 4 | — | 4 | 4 | 4 | 4 | 4 |
| | — | — | *13* | — | *13* | *13* | *13* | *13* | *13* |
| S13 | — | — | 3 | — | 3 | 3 | 3 | 3 | 3 |
| | — | — | *10* | — | *10* | *10* | *10* | *10* | *10* |
| H5 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — |

SMG = grupa de material Seco, $v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD. Atunci când avem 1,5xD se măreşte viteza cu 20% iar când avem 2,5xD se reduce viteza cu 20%. La 3xD se reduce cu 30%. Se recomandă optimizarea parametrilor de aşchiere în funcţie de maşină, material şi condiţiile de fixare.

Plajele recomandate pentru fiecare tip de tarod: K001-K002: +25% / -25%, V015-V016: +15% / -15%, V001-V045: +15% / -15%, V048-V050: +35% / -35%, V053-V063: +15% / -15%

# Selecţie tarozi MTP-S001 – MTP-S043

| Tip sculă | MTP-S001 | MTP-S002 | MTP-S011 | MTP-S012 | MTP-S013 | MTP-S042 | MTP-S043 |
|---|---|---|---|---|---|---|---|
| **Tip filet** | M | M | MF | MJ | EGM | UNFJ | EGUNF |
| **TCTR** | 6HX | 6HX | 6HX | 4H | 4H | 3B | 3B |
| **ULDR** | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| **THCHT** | B | B | B | B | B | B | B |
| **BSG** | DIN371 | DIN376 | DIN371 | DIN371 | DIN40435 | DIN2184-1 | DIN2184-1 |
| **Dimensiune filet** | M2-M10 | M12-M20 | MF6X0,75-MF14X1,5 | MJ4-MJ8 | EGM4-EGM8 | UNJF10-32-UNJF3/8-24 | EGUNF10-32-EGUNF3/8-24 |
| **FHA** | – | – | – | – | – | – | – |
| |  |  |  |  |  |  |  |
| **Agent de răcire** | Nu | Nu | Nu | Nu | Nu | Nu | Nu |
| **Pag.** | 442 | 443 | 444 | 445 | 446 | 447 | 448 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTP-S001 – S043

| SMG | $v_c$ | | | | | | |
|---|---|---|---|---|---|---|---|
| | MTP-S001 | MTP-S002 | MTP-S011 | MTP-S012 | MTP-S013 | MTP-S042 | MTP-S043 |
| P1 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P6 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P7 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P8 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P11 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| P12 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| M1 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| M2 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| M3 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| M4 | 6 | 6 | 6 | 6 | 2 | 6 | 2 |
| | *20* | *20* | *20* | *20* | *7* | *20* | *7* |
| M5 | 5 | 5 | 5 | 5 | 2 | 5 | 2 |
| | *16* | *16* | *16* | *16* | *7* | *16* | *7* |
| K1 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K2 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K3 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K4 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K5 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K6 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| K7 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| N1 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| N2 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| N3 | 25 | 25 | 25 | 25 | 16 | 25 | 16 |
| | *80* | *80* | *80* | *80* | *50* | *80* | *50* |
| N11 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| S1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | *13* | *13* | *13* | *13* | *13* | *13* | *13* |
| S2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | *10* | *10* | *10* | *10* | *10* | *10* | *10* |
| S3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | *10* | *10* | *10* | *10* | *10* | *10* | *10* |
| S11 | 5 | 5 | 5 | 5 | 4 | 5 | 4 |
| | *16* | *16* | *16* | *16* | *13* | *16* | *13* |
| S12 | 4 | 4 | 4 | 4 | 3 | 4 | 3 |
| | *13* | *13* | *13* | *13* | *10* | *13* | *10* |
| S13 | 3 | 3 | 3 | 3 | 2 | 3 | 2 |
| | *10* | *10* | *10* | *10* | *7* | *10* | *7* |
| H5 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — |

SMG = grupa de material Seco, $v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD. Atunci când avem 1,5xD se măreşte viteza cu 20% iar când avem 2,5xD se reduce viteza cu 20%. La 3xD se reduce cu 30%. Se recomandă optimizarea parametrilor de aşchiere în funcţie de maşină, material şi condiţiile de fixare.

Plajele recomandate pentru fiecare tip de tarod: K001-K002: +25% / -25%, V015-V016: +15% / -15%, V001-V045: +15% / -15%, V048-V050: +35% / -35%, V053-V063: +15% / -15%

## Selecţie tarozi MTS-K101 – MTS-K141

| Tip sculă | MTS-K101 | MTS-K101-A | MTS-K102 | MTS-K102-A | MTS-K111 | MTS-K121 | MTS-K131 | MTS-K141 |
|---|---|---|---|---|---|---|---|---|
| Tip filet | M | M | M | M | MF | G | UNC | UNF |
| TCTR | 6HX | 6HX | 6HX | 6HX | 6HX | NORMAL-X | 2BX | 2BX |
| ULDR | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| THCHT | C | C/E | C | C/E | C | C | C | C |
| BSG | DIN371 | DIN371 | DIN376 | DIN376 | DIN374 | DIN5156 | DIN2184-1 | DIN2184-1 |
| Dimensiune filet | M3 - M10 | M4 - M10 | M8 - M24 | M12 - M24 | MF 10X1 - MF 20X1.5 | G1/8-28 - G1-11 | UNC 1/4-20 - UNC 7/8-9 | UNF 1/4-28 - UNF 7/8-14 |
| FHA | – | – | – | – | – | – | – | – |
| |  |  |  |  |  |  |  |  |
| Agent de răcire | Nu | Da | Nu | Da | Nu | Nu | Nu | Nu |
| Pag. | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTS-K-101 – MTS-K141

| SMG | $v_c$ | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MTS- K101 | MTS- K101-A | MTS- K102 | MTS- K102-A | MTS- K111 | MTS- K121 | MTS- K131 | MTS- K141 |
| P1 | — | — | — | — | — | — | — | — |
| P2 | — | — | — | — | — | — | — | — |
| P3 | — | — | — | — | — | — | — | — |
| P4 | — | — | — | — | — | — | — | — |
| P5 | — | — | — | — | — | — | — | — |
| P6 | — | — | — | — | — | — | — | — |
| P7 | — | — | — | — | — | — | — | — |
| P8 | — | — | — | — | — | — | — | — |
| P11 | — | — | — | — | — | — | — | — |
| P12 | — | — | — | — | — | — | — | — |
| M1 | — | — | — | — | — | — | — | — |
| M2 | — | — | — | — | — | — | — | — |
| M3 | — | — | — | — | — | — | — | — |
| M4 | — | — | — | — | — | — | — | — |
| M5 | — | — | — | — | — | — | — | — |
| K1 | 85<br>*280* | 85<br>*280* | 85<br>*280* | 85<br>*280* | 85<br>*280* | 85<br>*280* | 85<br>*280* | 85<br>*280* |
| K2 | 75<br>*245* | 75<br>*245* | 75<br>*245* | 75<br>*245* | 75<br>*245* | 75<br>*245* | 75<br>*245* | 75<br>*245* |
| K3 | 65<br>*215* | 65<br>*215* | 65<br>*215* | 65<br>*215* | 65<br>*215* | 65<br>*215* | 65<br>*215* | 65<br>*215* |
| K4 | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* | 60<br>*195* |
| K5 | 36<br>*120* | 36<br>*120* | 36<br>*120* | 36<br>*120* | 36<br>*120* | 36<br>*120* | 36<br>*120* | 36<br>*120* |
| K6 | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* | 55<br>*180* |
| K7 | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* | 46<br>*150* |
| N1 | — | — | — | — | — | — | — | — |
| N2 | — | — | — | — | — | — | — | — |
| N3 | — | — | — | — | — | — | — | — |
| N11 | — | — | — | — | — | — | — | — |
| H5 | — | — | — | — | — | — | — | — |
| H8 | — | — | — | — | — | — | — | — |

SMG = grupa de material Seco
$v_c$ = m/min (*Sf/min*)

Vitezele de aşchiere ($v_c$) din tabel sunt recomandări pentru o valoare de pornire şi calculate atunci când rulează în 2xD, cu excepţia V048, V050 şi MTH-S (001, 002, 003, 004, 011, 012, 031, 032, 041, 042 şi 044) care sunt calculate la 1,5xD.

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K001-K002: +25% / -25%
V015-V016: +15% / -15%
V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

# Selecţie tarozi MTH-V048 – MTH-V050

| Tip sculă | MTH-V048 | MTH-V050 |
|---|---|---|
| **Tip filet** | NPT | NPTF |
| **TCTR** | NORMAL | NORMAL |
| **ULDR** | 1.5 | 1.5 |
| **THCHT** | C | C |
| **BSG** | DIN/ANSI | DIN/ANSI |
| **Dimensiune filet** | NPT 1/16-27<br>NPT 1-11.5 | NPTF 1/16-27<br>NPTF 3/4-14 |
| **FHA** | 15° | 15° |
| |  |  |
| **Agent de răcire** | Nu | Nu |
| **Pag.** | 472 | 473 |

Pentru regimuri de aşchiere, consultaţi pagina următoare

## Parametri de aşchiere MTH-V048 – V050

| SMG | $v_c$ | |
|---|---|---|
| | MTH- V048 | MTH- V050 |
| P1 | 11<br>*36* | 11<br>*36* |
| P2 | 11<br>*36* | 11<br>*36* |
| P3 | 10<br>*33* | 10<br>*33* |
| P4 | 8<br>*26* | 8<br>*26* |
| P5 | 8<br>*26* | 8<br>*26* |
| P6 | 9<br>*30* | 9<br>*30* |
| P7 | 8<br>*26* | 8<br>*26* |
| P8 | 8<br>*26* | 8<br>*26* |
| P11 | 8<br>*26* | 8<br>*26* |
| P12 | 5<br>*16* | 5<br>*16* |
| M1 | 9<br>*30* | 9<br>*30* |
| M2 | 7<br>*23* | 7<br>*23* |
| M3 | 5<br>*16* | 5<br>*16* |
| M4 | 4<br>*13* | 4<br>*13* |
| M5 | 3<br>*10* | 3<br>*10* |
| K1 | 14<br>*46* | 14<br>*46* |
| K2 | 12<br>*39* | 12<br>*39* |
| K3 | 10<br>*33* | 10<br>*33* |
| K4 | 10<br>*33* | 10<br>*33* |
| K5 | 6<br>*20* | 6<br>*20* |
| K6 | 9<br>*30* | 9<br>*30* |
| K7 | 8<br>*26* | 8<br>*26* |
| N1 | 23<br>*75* | 23<br>*75* |
| N2 | 15<br>*49* | 15<br>*49* |
| N3 | 10<br>*33* | 10<br>*33* |
| N11 | 13<br>*43* | 13<br>*43* |
| H5 | — | — |
| H8 | — | — |

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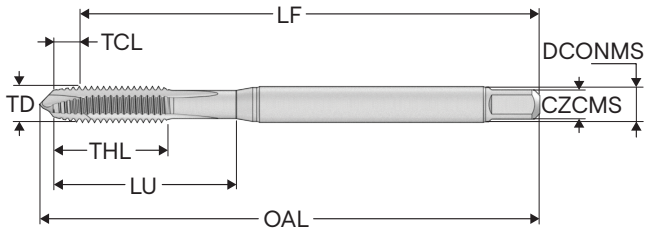
Atunci când avem 1,5xD se măreşte viteza cu 20% iar când avem 2,5xD se reduce viteza cu 20%. La 3xD se reduce cu 30%.
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V001-V045: +15% / -15%
V048-V050: +35% / -35%
V053-V063: +15% / -15%

## T30-PUB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

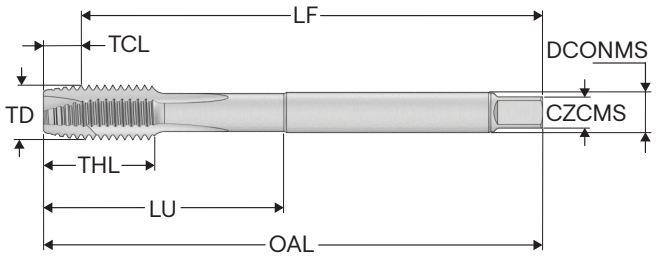
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU01B03-3X0.5-63R | 10309364 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,8<br>*2.118* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T30-PU01B03-3.5X0.6-63R | 10309365 | M3.5 | 0,6 | 2,61<br>*0.103* | 3,5<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 53,4<br>*2.102* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,9<br>*0.114* | 3 | B |
| T30-PU01B03-4X0.7-63R | 10309366 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,8<br>*2.354* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T30-PU01B03-4.5X0.75-63R | 10309641 | M4.5 | 0,75 | 3,3<br>*0.130* | 4,0<br>*0.157* | 14,0<br>*0.551* | 25<br>*0.984* | 66,7<br>*2.626* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00x4.90 | 3,8<br>*0.150* | 3 | B |
| T30-PU01B03-5X0.8-63R | 10309368 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,4<br>*2.614* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T30-PU01B03-6X1-63R | 10309370 | M6 | 1,0 | 4,37<br>*0.172* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T30-PU01B03-7X1-63R | 10309373 | M7 | 1,0 | 4,37<br>*0.172* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00x5.50 | 6,0<br>*0.236* | 3 | B |
| T30-PU01B03-8X1.25-63R | 10309374 | M8 | 1,25 | 5,4<br>*0.213* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,7<br>*3.335* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T30-PU01B03-9X1.25-63R | 10309377 | M9 | 1,25 | 5,7<br>*0.224* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 84,3<br>*3.319* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00x7.00 | 7,8<br>*0.307* | 3 | B |
| T30-PU01B03-10X1.5-63R | 10309378 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,2<br>*3.669* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T30-PUB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

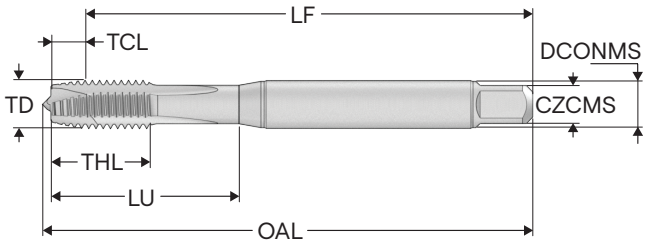
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU01B06-3X0.5-63R | 10309461 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 11,0<br>*0.433* | 37<br>*1.457* | 53,8<br>*2.118* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | B |
| T30-PU01B06-4X0.7-63R | 10309462 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 44<br>*1.732* | 59,7<br>*2.350* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,3<br>*0.130* | 3 | B |
| T30-PU01B06-5X0.8-63R | 10309463 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 51<br>*2.008* | 66,4<br>*2.614* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | B |
| T30-PU01B06-6X1-63R | 10309464 | M6 | 1,0 | 4,39<br>*0.173* | 6,0<br>*0.236* | 18,0<br>*0.709* | 61<br>*2.402* | 75,6<br>*2.976* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | B |
| T30-PU01B06-8X1.25-63R | 10309465 | M8 | 1,25 | 5,7<br>*0.224* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 84,3<br>*3.319* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | B |
| T30-PU01B06-10X1.5-63R | 10309467 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 93,2<br>*3.669* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | B |
| T30-PU01B06-11X1.5-63R | 10309667 | M11 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 76<br>*2.992* | 93,2<br>*3.669* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,5<br>*0.374* | 3 | B |
| T30-PU01B06-12X1.75-63R | 10309470 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 102,0<br>*4.016* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T30-PU01B06-14X2-63R | 10309474 | M14 | 2,0 | 9,14<br>*0.360* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 100,9<br>*3.972* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 3 | B |
| T30-PU01B06-16X2-63R | 10309478 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,8<br>*3.969* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T30-PU01B06-18X2.5-63R | 10309481 | M18 | 2,5 | 11,38<br>*0.448* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 113,6<br>*4.472* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | B |
| T30-PU01B06-20X2.5-63R | 10309484 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,4<br>*5.055* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |
| T30-PU01B06-22X2.5-63R | 10309487 | M22 | 2,5 | 11,78<br>*0.464* | 20,0<br>*0.787* | 32,0<br>*1.260* | 93<br>*3.661* | 128,2<br>*5.047* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | B |
| T30-PU01B06-24X3-63R | 10309489 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,3<br>*5.760* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | B |
| T30-PU01B06-27X3-63R | 10309494 | M27 | 3,0 | 13,88<br>*0.546* | 24,0<br>*0.945* | 38,0<br>*1.496* | 97<br>*3.819* | 146,1<br>*5.752* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 24,0<br>*0.945* | 4 | B |
| T30-PU01B06-30X3.5-63R | 10309496 | M30 | 3,5 | 15,93<br>*0.627* | 27,0<br>*1.063* | 45,0<br>*1.772* | 115<br>*4.528* | 164,1<br>*6.461* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | B |
| T30-PU01B06-33X3.5-63R | 10309679 | M33 | 3,5 | 15,93<br>*0.627* | 33,0<br>*1.299* | 45,0<br>*1.772* | 113<br>*4.449* | 164,1<br>*6.461* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00x20.00 | 29,5<br>*1.161* | 4 | B |
| T30-PU01B06-36X4-63R | 10309500 | M36 | 4,0 | 17,97<br>*0.707* | 36,0<br>*1.417* | 50,0<br>*1.969* | 131<br>*5.157* | 182,0<br>*7.165* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 32,0<br>*1.260* | 4 | B |
| T30-PU01B06-39X4-63R | 10309686 | M39 | 4,0 | 17,97<br>*0.707* | 39,0<br>*1.535* | 50,0<br>*1.969* | 102<br>*4.016* | 182,0<br>*7.165* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 35,0<br>*1.378* | 4 | B |
| T30-PU01B06-42X4.5-63R | 10309688 | M42 | 4,5 | 20,02<br>*0.788* | 42,0<br>*1.654* | 60,0<br>*2.362* | 102<br>*4.016* | 180,0<br>*7.087* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 37,5<br>*1.476* | 5 | B |
| T30-PU01B06-45X4.5-63R | 10309691 | M45 | 4,5 | 20,02<br>*0.788* | 45,0<br>*1.772* | 60,0<br>*2.362* | 117<br>*4.606* | 200,0<br>*7.874* | 220,0<br>*8.661* | 36,0<br>*1.417* | 36.00x29.00 | 40,5<br>*1.594* | 5 | B |
| T30-PU01B06-48X5-63R | 10309692 | M48 | 5,0 | 22,07<br>*0.869* | 48,0<br>*1.890* | 65,0<br>*2.559* | 147<br>*5.787* | 227,9<br>*8.972* | 250,0<br>*9.843* | 36,0<br>*1.417* | 36.00x29.00 | 43,0<br>*1.693* | 5 | B |
| T30-PU01B06-52X5-63R | 10309781 | M52 | 5,0 | 22,07<br>*0.869* | 52,0<br>*2.047* | 65,0<br>*2.559* | 146<br>*5.748* | 227,9<br>*8.972* | 250,0<br>*9.843* | 40,0<br>*1.575* | 40.00x32.00 | 47,0<br>*1.850* | 5 | B |

## T30-PUB

Găuri străpunse – Fileturi metrice rare, 6G






—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: 6G
—Regimuri de aşchiere, vezi pagina(paginile) 246

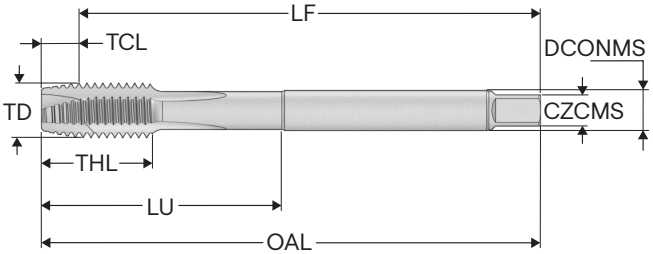
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU01B03-3X0.5-61R | 10309396 | M3 | 0,5 | 2,3<br>*0.091* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,7<br>*2.114* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T30-PU01B03-4X0.7-61R | 10309397 | M4 | 0,7 | 3,03<br>*0.119* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 60,0<br>*2.362* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T30-PU01B03-5X0.8-61R | 10309398 | M5 | 0,8 | 3,71<br>*0.146* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,3<br>*2.610* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T30-PU01B03-6X1-61R | 10309399 | M6 | 1,0 | 4,45<br>*0.175* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T30-PU01B03-8X1.25-61R | 10309400 | M8 | 1,25 | 5,48<br>*0.216* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,6<br>*3.331* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T30-PU01B03-10X1.5-61R | 10309401 | M10 | 1,5 | 6,94<br>*0.273* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,1<br>*3.665* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T30-PUB

Găuri străpunse – Fileturi metrice rare, 6G






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 6G
—Regimuri de aşchiere, vezi pagina(paginile) 246

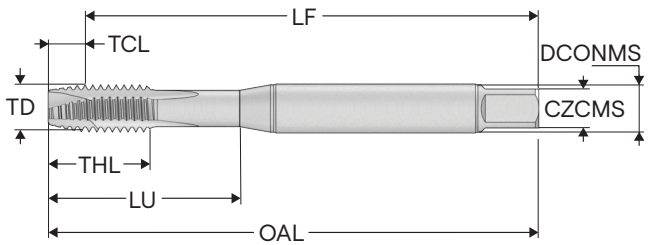
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU01B06-12X1.75-61R | 10309519 | M12 | 1,75 | 8,11<br>*0.319* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 101,9<br>*4.012* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T30-PU01B06-16X2-61R | 10309705 | M16 | 2,0 | 9,36<br>*0.369* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,6<br>*3.961* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T30-PU01B06-20X2.5-61R | 10309706 | M20 | 2,5 | 11,7<br>*0.461* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,3<br>*5.051* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |

## T30-PUB

Găuri străpunse – Fileturi MF






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- Regimuri de aşchiere, vezi pagina(paginile) 246

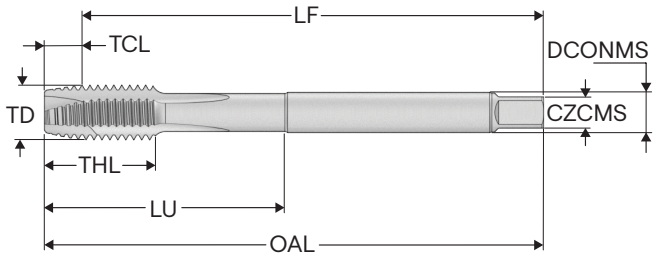
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU02B03-3X0.35-63R | 10309640 | MF3X0.35 | 0,35 | 1,55<br>*0.061* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,3<br>*2.138* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,65<br>*0.104* | 3 | B |
| T30-PU02B03-4X0.5-63R | 10309367 | MF4X0.5 | 0,5 | 2,25<br>*0.089* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 60,7<br>*2.390* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | B |
| T30-PU02B03-5X0.5-63R | 10309369 | MF5X0.5 | 0,5 | 2,25<br>*0.089* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 67,6<br>*2.661* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,5<br>*0.177* | 3 | B |
| T30-PU02B03-6X0.5-63R | 10309371 | MF6X0.5 | 0,5 | 2,28<br>*0.090* | 6,0<br>*0.236* | 14,0<br>*0.551* | 30<br>*1.181* | 77,4<br>*3.047* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,5<br>*0.217* | 3 | B |
| T30-PU02B03-6X0.75-63R | 10309372 | MF6X0.75 | 0,75 | 3,33<br>*0.131* | 6,0<br>*0.236* | 14,0<br>*0.551* | 30<br>*1.181* | 76,5<br>*3.012* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,2<br>*0.205* | 3 | B |
| T30-PU02B03-8X0.5-63R | 10309642 | MF8X0.5 | 0,5 | 2,28<br>*0.090* | 8,0<br>*0.315* | 18,0<br>*0.709* | 30<br>*1.181* | 77,6<br>*3.055* | 83,6<br>*3.291* | 8,0<br>*0.315* | 8.00x6.20 | 7,5<br>*0.295* | 3 | B |
| T30-PU02B03-8X0.75-63R | 10309375 | MF8X0.75 | 0,75 | 3,33<br>*0.131* | 8,0<br>*0.315* | 18,0<br>*0.709* | 30<br>*1.181* | 76,7<br>*3.020* | 83,6<br>*3.291* | 8,0<br>*0.315* | 8.00x6.20 | 7,2<br>*0.283* | 3 | B |
| T30-PU02B03-8X1-63R | 10309376 | MF8X1 | 1,0 | 4,37<br>*0.172* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 85,5<br>*3.366* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | B |
| T30-PU02B03-10X0.5-63R | 10309379 | MF10X0.5 | 0,5 | 2,68<br>*0.106* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 87,3<br>*3.437* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 9,5<br>*0.374* | 3 | B |
| T30-PU02B03-10X0.75-63R | 10309643 | MF10X0.75 | 0,75 | 3,73<br>*0.147* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 86,3<br>*3.398* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,2<br>*0.362* | 3 | B |
| T30-PU02B03-10X1-63R | 10309380 | MF10X1 | 1,0 | 4,77<br>*0.188* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 85,2<br>*3.354* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | B |
| T30-PU02B03-10X1.25-63R | 10309381 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 94,2<br>*3.709* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,8<br>*0.346* | 3 | B |

## T30-PUB

Găuri străpunse – Fileturi MF






- Substrat: HSSE
- Neacoperit
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- Regimuri de aşchiere, vezi pagina(paginile) 246

Core

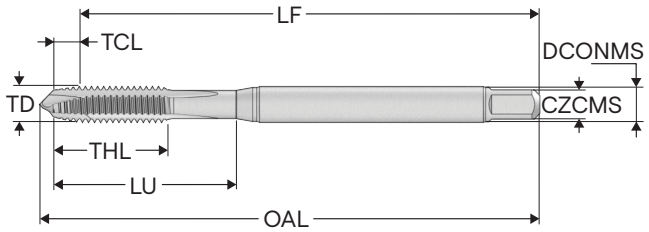
| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU02B05-4X0.5-63R | 10309662 | MF4X0.5 | 0,5 | 2,25<br>*0.089* | 4,0<br>*0.157* | 12,0<br>*0.472* | 44<br>*1.732* | 60,6<br>*2.386* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,5<br>*0.138* | 3 | B |
| T30-PU02B05-4.5X0.5-63R | 10309663 | MF4.5X0.5 | 0,5 | 2,25<br>*0.089* | 4,0<br>*0.157* | 14,0<br>*0.551* | 51<br>*2.008* | 67,8<br>*2.669* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,0<br>*0.157* | 3 | B |
| T30-PU02B05-5X0.5-63R | 10309664 | MF5X0.5 | 0,5 | 2,25<br>*0.089* | 5,0<br>*0.197* | 14,0<br>*0.551* | 51<br>*2.008* | 67,6<br>*2.661* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,5<br>*0.177* | 3 | B |
| T30-PU02B05-8X1-63R | 10309466 | MF8X1 | 1,0 | 4,67<br>*0.184* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 85,3<br>*3.358* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | B |
| T30-PU02B05-9X1-63R | 10309665 | MF9X1 | 1,0 | 4,67<br>*0.184* | 9,0<br>*0.354* | 20,0<br>*0.787* | 63<br>*2.480* | 85,3<br>*3.358* | 90,0<br>*3.543* | 7,0<br>*0.276* | 9.00x7.00 | 8,0<br>*0.315* | 3 | B |
| T30-PU02B05-10X0.75-63R | 10309666 | MF10X0.75 | 0,75 | 3,73<br>*0.147* | 10,0<br>*0.394* | 18,0<br>*0.709* | 67<br>*2.638* | 86,3<br>*3.398* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,2<br>*0.362* | 3 | B |
| T30-PU02B05-10X1-63R | 10309468 | MF10X1 | 1,0 | 4,79<br>*0.189* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 85,2<br>*3.354* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | B |
| T30-PU02B05-10X1.25-63R | 10309469 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 94,2<br>*3.709* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | B |
| T30-PU02B05-12X0.75-63R | 10309668 | MF12X0.75 | 0,75 | 3,85<br>*0.152* | 10,0<br>*0.394* | 20,0<br>*0.787* | 73<br>*2.874* | 96,2<br>*3.787* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,2<br>*0.441* | 3 | B |
| T30-PU02B05-12X1-63R | 10309471 | MF12X1 | 1,0 | 4,89<br>*0.193* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 95,1<br>*3.744* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 3 | B |
| T30-PU02B05-12X1.25-63R | 10309472 | MF12X1.25 | 1,25 | 5,94<br>*0.234* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 94,1<br>*3.705* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | B |
| T30-PU02B05-12X1.5-63R | 10309473 | MF12X1.5 | 1,5 | 6,97<br>*0.274* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 93,0<br>*3.661* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | B |
| T30-PU02B05-14X1-63R | 10309475 | MF14X1 | 1,0 | 4,99<br>*0.196* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 95,0<br>*3.740* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 3 | B |
| T30-PU02B05-14X1.25-63R | 10309476 | MF14X1.25 | 1,25 | 6,04<br>*0.238* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 94,0<br>*3.701* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,8<br>*0.504* | 3 | B |
| T30-PU02B05-14X1.5-63R | 10309477 | MF14X1.5 | 1,5 | 7,07<br>*0.278* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 92,9<br>*3.657* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 3 | B |
| T30-PU02B05-15X1-63R | 10309669 | MF15X1 | 1,0 | 4,99<br>*0.196* | 14,0<br>*0.551* | 20,0<br>*0.787* | 58<br>*2.283* | 94,9<br>*3.736* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T30-PU02B05-16X1-63R | 10309479 | MF16X1 | 1,0 | 5,09<br>*0.200* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 94,9<br>*3.736* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,0<br>*0.591* | 3 | B |
| T30-PU02B05-16X1.5-63R | 10309480 | MF16X1.5 | 1,5 | 7,17<br>*0.282* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 92,8<br>*3.654* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 3 | B |
| T30-PU02B05-18X1-63R | 10309482 | MF18X1 | 1,0 | 4,89<br>*0.193* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 105,1<br>*4.138* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 17,0<br>*0.669* | 4 | B |
| T30-PU02B05-18X1.5-63R | 10309483 | MF18X1.5 | 1,5 | 7,27<br>*0.286* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 102,7<br>*4.043* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | B |
| T30-PU02B05-18X2-63R | 10309670 | MF18X2 | 2,0 | 9,34<br>*0.368* | 18,0<br>*0.709* | 27,0<br>*1.063* | 81<br>*3.189* | 115,7<br>*4.555* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 16,0<br>*0.630* | 4 | B |
| T30-PU02B05-20X1-63R | 10309671 | MF20X1 | 1,0 | 5,39<br>*0.212* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 119,6<br>*4.709* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 19,0<br>*0.748* | 4 | B |
| T30-PU02B05-20X1.5-63R | 10309485 | MF20X1.5 | 1,5 | 7,47<br>*0.294* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 117,5<br>*4.626* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | B |
| T30-PU02B05-20X2-63R | 10309486 | MF20X2 | 2,0 | 9,54<br>*0.376* | 20,0<br>*0.787* | 27,0<br>*1.063* | 95<br>*3.740* | 130,5<br>*5.138* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 18,0<br>*0.709* | 4 | B |
| T30-PU02B05-22X1-63R | 10309672 | MF22X1 | 1,0 | 5,59<br>*0.220* | 20,0<br>*0.787* | 24,0<br>*0.945* | 78<br>*3.071* | 119,4<br>*4.701* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | B |

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU02B05-22X1.5-63R | 10309488 | MF22X1.5 | 1,5 | 7,67<br>*0.302* | 22,0<br>*0.866* | 24,0<br>*0.945* | 78<br>*3.071* | 117,3<br>*4.618* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 20,5<br>*0.807* | 4 | B |
| T30-PU02B05-22X2-63R | 10309673 | MF22X2 | 2,0 | 9,74<br>*0.383* | 22,0<br>*0.866* | 27,0<br>*1.063* | 93<br>*3.661* | 130,3<br>*5.130* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 20,0<br>*0.787* | 4 | B |
| T30-PU02B05-24X1-63R | 10309674 | MF24X1 | 1,0 | 4,91<br>*0.193* | 22,0<br>*0.866* | 27,0<br>*1.063* | 93<br>*3.661* | 135,1<br>*5.319* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,0<br>*0.906* | 4 | B |
| T30-PU02B05-24X1.5-63R | 10309490 | MF24X1.5 | 1,5 | 7,5<br>*0.295* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 132,5<br>*5.217* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 22,5<br>*0.886* | 4 | B |
| T30-PU02B05-24X2-63R | 10309491 | MF24X2 | 2,0 | 9,57<br>*0.377* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 130,4<br>*5.134* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 22,0<br>*0.866* | 4 | B |
| T30-PU02B05-25X1.5-63R | 10309492 | MF25X1.5 | 1,5 | 7,7<br>*0.303* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 132,3<br>*5.209* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,5<br>*0.925* | 4 | B |
| T30-PU02B05-26X1.5-63R | 10309493 | MF26X1.5 | 1,5 | 7,7<br>*0.303* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 132,3<br>*5.209* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 24,5<br>*0.965* | 4 | B |
| T30-PU02B05-27X1.5-63R | 10309675 | MF27X1.5 | 1,5 | 7,7<br>*0.303* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 132,3<br>*5.209* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,5<br>*1.004* | 4 | B |
| T30-PU02B05-27X2-63R | 10309495 | MF27X2 | 2,0 | 9,77<br>*0.385* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 130,2<br>*5.126* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,0<br>*0.984* | 4 | B |
| T30-PU02B05-28X1.5-63R | 10309676 | M28x1.5 | 1,5 | 7,2<br>*0.283* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 132,8<br>*5.228* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,5<br>*1.004* | 4 | B |
| T30-PU02B05-30X1.5-63R | 10309497 | MF30X1.5 | 1,5 | 7,7<br>*0.303* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 142,3<br>*5.602* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,5<br>*1.122* | 4 | B |
| T30-PU02B05-30X2-63R | 10309498 | MF30X2 | 2,0 | 9,77<br>*0.385* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 140,2<br>*5.520* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,0<br>*1.102* | 4 | B |
| T30-PU02B05-30X3-63R | 10309677 | MF30X3 | 3,0 | 13,88<br>*0.546* | 30,0<br>*1.181* | 40,0<br>*1.575* | 115<br>*4.528* | 166,1<br>*6.539* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 27,0<br>*1.063* | 4 | B |
| T30-PU02B05-32X1.5-63R | 10309499 | MF32X1.5 | 1,5 | 7,7<br>*0.303* | 32,0<br>*1.260* | 27,0<br>*1.063* | 85<br>*3.346* | 142,3<br>*5.602* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 30,5<br>*1.201* | 4 | B |
| T30-PU02B05-32X2-63R | 10309678 | MF32X2 | 2,0 | 9,77<br>*0.385* | 32,0<br>*1.260* | 27,0<br>*1.063* | 85<br>*3.346* | 140,2<br>*5.520* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 30,0<br>*1.181* | 4 | B |
| T30-PU02B05-33X1.5-63R | 10309680 | MF33X1.5 | 1,5 | 7,7<br>*0.303* | 33,0<br>*1.299* | 30,0<br>*1.181* | 93<br>*3.661* | 152,3<br>*5.996* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 31,5<br>*1.240* | 4 | B |
| T30-PU02B05-33X2-63R | 10309681 | MF33X2 | 2,0 | 9,77<br>*0.385* | 33,0<br>*1.299* | 30,0<br>*1.181* | 93<br>*3.661* | 150,2<br>*5.913* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 31,0<br>*1.220* | 4 | B |
| T30-PU02B05-35X1.5-63R | 10309682 | MF35X1.5 | 1,5 | 7,7<br>*0.303* | 35,0<br>*1.378* | 30,0<br>*1.181* | 101<br>*3.976* | 162,3<br>*6.390* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 33,5<br>*1.319* | 4 | B |
| T30-PU02B05-36X1.5-63R | 10309683 | MF36X1.5 | 1,5 | 7,7<br>*0.303* | 36,0<br>*1.417* | 30,0<br>*1.181* | 101<br>*3.976* | 162,3<br>*6.390* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 34,5<br>*1.358* | 4 | B |
| T30-PU02B05-36X2-63R | 10309684 | MF36X2 | 2,0 | 9,77<br>*0.385* | 36,0<br>*1.417* | 30,0<br>*1.181* | 101<br>*3.976* | 160,2<br>*6.307* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 34,0<br>*1.339* | 4 | B |
| T30-PU02B05-36X3-63R | 10309685 | MF36X3 | 3,0 | 13,88<br>*0.546* | 36,0<br>*1.417* | 50,0<br>*1.969* | 131<br>*5.157* | 186,1<br>*7.327* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 33,0<br>*1.299* | 4 | B |
| T30-PU02B05-40X1.5-63R | 10309687 | MF40X1.5 | 1,5 | 7,7<br>*0.303* | 40,0<br>*1.575* | 30,0<br>*1.181* | 72<br>*2.835* | 162,3<br>*6.390* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 38,5<br>*1.516* | 4 | B |
| T30-PU02B05-42X2-63R | 10309689 | MF42X2 | 2,0 | 9,77<br>*0.385* | 42,0<br>*1.654* | 30,0<br>*1.181* | 72<br>*2.835* | 160,2<br>*6.307* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 40,0<br>*1.575* | 5 | B |
| T30-PU02B05-42X3-63R | 10309690 | MF42X3 | 3,0 | 13,88<br>*0.546* | 42,0<br>*1.654* | 50,0<br>*1.969* | 102<br>*4.016* | 186,1<br>*7.327* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 39,0<br>*1.535* | 5 | B |
| T30-PU02B05-48X1.5-63R | 10309693 | MF48X1.5 | 1,5 | 7,73<br>*0.304* | 48,0<br>*1.890* | 32,0<br>*1.260* | 87<br>*3.425* | 182,3<br>*7.177* | 190,0<br>*7.480* | 36,0<br>*1.417* | 36.00x29.00 | 46,5<br>*1.831* | 5 | B |
| T30-PU02B05-48X3-63R | 10309694 | MF48X3 | 3,0 | 13,92<br>*0.548* | 48,0<br>*1.890* | 50,0<br>*1.969* | 122<br>*4.803* | 211,1<br>*8.311* | 225,0<br>*8.858* | 36,0<br>*1.417* | 36.00x29.00 | 45,0<br>*1.772* | 5 | B |

## T30-PUB

Găuri străpunse – Fileturi UNC






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 2B
- Regimuri de aşchiere, vezi pagina(paginile) 246

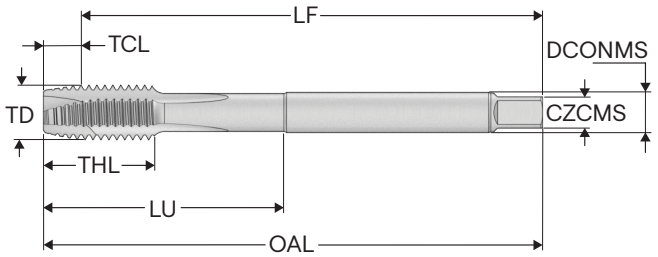
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU08B03-2-56-21R | 10309644 | UNC2-56 | 56,0 | 2,03<br>*0.080* | 2,184<br>*0.086* | 8,0<br>*0.315* | 13<br>*0.512* | 42,8<br>*1.685* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80x2.10 | 1,85<br>*0.073* | 2 | B |
| T30-PU08B03-4-40-21R | 10309382 | UNC4-40 | 40,0 | 2,77<br>*0.109* | 2,845<br>*0.112* | 10,0<br>*0.394* | 18<br>*0.709* | 53,4<br>*2.102* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,35<br>*0.093* | 3 | B |
| T30-PU08B03-5-40-21R | 10309383 | UNC5-40 | 40,0 | 2,88<br>*0.113* | 3,175<br>*0.125* | 10,0<br>*0.394* | 18<br>*0.709* | 53,1<br>*2.091* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,65<br>*0.104* | 3 | B |
| T30-PU08B03-6-32-21R | 10309384 | UNC6-32 | 32,0 | 3,68<br>*0.145* | 3,505<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 52,5<br>*2.067* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,85<br>*0.112* | 3 | B |
| T30-PU08B03-8-32-21R | 10309385 | UNC8-32 | 32,0 | 3,55<br>*0.140* | 4,166<br>*0.164* | 12,0<br>*0.472* | 21<br>*0.827* | 59,4<br>*2.339* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | B |
| T30-PU08B03-10-24-21R | 10309386 | UNC10-24 | 24,0 | 4,78<br>*0.188* | 4,826<br>*0.190* | 14,0<br>*0.551* | 25<br>*0.984* | 65,5<br>*2.579* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 3,9<br>*0.154* | 3 | B |
| T30-PU08B03-12-24-21R | 10309387 | UNC12-24 | 24,0 | 4,66<br>*0.183* | 5,486<br>*0.216* | 18,0<br>*0.709* | 30<br>*1.181* | 75,4<br>*2.969* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00x4.90 | 4,5<br>*0.177* | 3 | B |
| T30-PU08B03-1/4-20-21R | 10309388 | UNC1/4-20 | 20,0 | 5,57<br>*0.219* | 6,35<br>*0.250* | 18,0<br>*0.709* | 32<br>*1.260* | 74,4<br>*2.929* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00x5.50 | 5,1<br>*0.201* | 3 | B |
| T30-PU08B03-5/16-18-21R | 10309389 | UNC5/16-18 | 18,0 | 6,22<br>*0.245* | 7,937<br>*0.312* | 20,0<br>*0.787* | 35<br>*1.378* | 84,0<br>*3.307* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,6<br>*0.260* | 3 | B |
| T30-PU08B03-3/8-16-21R | 10309390 | UNC3/8-16 | 16,0 | 7,28<br>*0.287* | 9,525<br>*0.375* | 20,0<br>*0.787* | 39<br>*1.535* | 92,7<br>*3.650* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,0<br>*0.315* | 3 | B |

## T30-PUB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 246

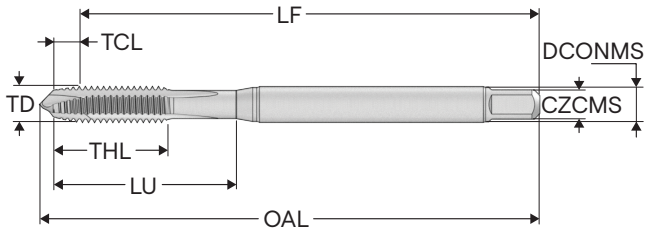
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU08B06-7/16-14-21R | 10309509 | UNC7/16-14 | 14,0 | 8,27<br>*0.326* | 11,112<br>*0.437* | 22,0<br>*0.866* | 76<br>*2.992* | 91,7<br>*3.610* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,3<br>*0.366* | 3 | B |
| T30-PU08B06-1/2-13-21R | 10309510 | UNC1/2-13 | 13,0 | 9,01<br>*0.355* | 12,7<br>*0.500* | 24,0<br>*0.945* | 83<br>*3.268* | 101,0<br>*3.976* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,7<br>*0.421* | 3 | B |
| T30-PU08B06-9/16-12-21R | 10309698 | UNC9/16-12 | 12,0 | 9,76<br>*0.384* | 14,287<br>*0.562* | 25,0<br>*0.984* | 81<br>*3.189* | 100,2<br>*3.945* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,3<br>*0.484* | 3 | B |
| T30-PU08B06-5/8-11-21R | 10309511 | UNC5/8-11 | 11,0 | 10,51<br>*0.414* | 15,875<br>*0.625* | 32,0<br>*1.260* | 68<br>*2.677* | 99,5<br>*3.917* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 13,5<br>*0.531* | 3 | B |
| T30-PU08B06-3/4-10-21R | 10309512 | UNC3/4-10 | 10,0 | 11,55<br>*0.455* | 19,05<br>*0.750* | 32,0<br>*1.260* | 81<br>*3.189* | 113,4<br>*4.465* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | B |
| T30-PU08B06-7/8-9-21R | 10309513 | UNC7/8-9 | 9,0 | 13,04<br>*0.513* | 22,225<br>*0.875* | 32,0<br>*1.260* | 93<br>*3.661* | 127,0<br>*5.000* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | B |
| T30-PU08B06-1-8-21R | 10309514 | UNC1-8 | 8,0 | 14,86<br>*0.585* | 25,4<br>*1.000* | 38,0<br>*1.496* | 97<br>*3.819* | 145,1<br>*5.713* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 22,25<br>*0.876* | 4 | B |
| T30-PU08B06-1.1/8-7-21R | 10309699 | UNC11/8-7 | 7,0 | 16,48<br>*0.649* | 28,575<br>*1.125* | 45,0<br>*1.772* | 115<br>*4.528* | 163,5<br>*6.437* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 25,0<br>*0.984* | 4 | B |
| T30-PU08B06-1.1/4-7-21R | 10309700 | UNC11/4-7 | 7,0 | 16,74<br>*0.659* | 31,75<br>*1.250* | 45,0<br>*1.772* | 115<br>*4.528* | 163,3<br>*6.429* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 28,0<br>*1.102* | 4 | B |
| T30-PU08B06-1.3/8-6-21R | 10309701 | UNC13/8-6 | 6,0 | 19,04<br>*0.750* | 34,925<br>*1.375* | 50,0<br>*1.969* | 131<br>*5.157* | 181,0<br>*7.126* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 30,75<br>*1.211* | 4 | B |
| T30-PU08B06-1.1/2-6-21R | 10309782 | UNC11/2-6 | 6,0 | 19,3<br>*0.760* | 38,1<br>*1.500* | 55,0<br>*2.165* | 131<br>*5.157* | 180,7<br>*7.114* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 34,0<br>*1.339* | 4 | B |

## T30-PUB

Găuri străpunse – Fileturi UNF






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 2B
- Regimuri de aşchiere, vezi pagina(paginile) 246

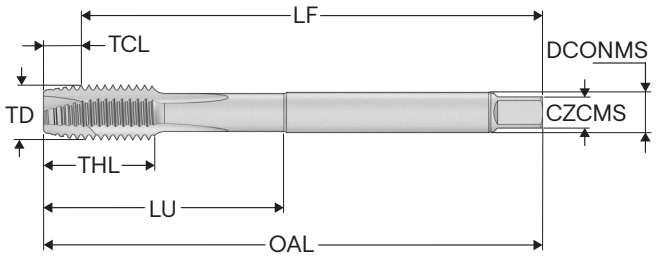
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU09B03-4-48-21R | 10309645 | UNF4-48 | 48,0 | 2,42<br>*0.095* | 2,845<br>*0.112* | 10,0<br>*0.394* | 18<br>*0.709* | 53,7<br>*2.114* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,4<br>*0.094* | 3 | B |
| T30-PU09B03-5-44-21R | 10309646 | UNF5-44 | 44,0 | 2,54<br>*0.100* | 3,175<br>*0.125* | 10,0<br>*0.394* | 18<br>*0.709* | 53,4<br>*2.102* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,7<br>*0.106* | 3 | B |
| T30-PU09B03-6-40-21R | 10309647 | UNF6-40 | 40,0 | 2,99<br>*0.118* | 3,505<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 53,1<br>*2.091* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,95<br>*0.116* | 3 | B |
| T30-PU09B03-8-36-21R | 10309648 | UNF8-36 | 36,0 | 3,21<br>*0.126* | 4,166<br>*0.164* | 12,0<br>*0.472* | 21<br>*0.827* | 59,7<br>*2.350* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | B |
| T30-PU09B03-10-32-21R | 10309391 | UNF10-32 | 32,0 | 3,76<br>*0.148* | 4,826<br>*0.190* | 14,0<br>*0.551* | 25<br>*0.984* | 66,3<br>*2.610* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,1<br>*0.161* | 3 | B |
| T30-PU09B03-12-28-21R | 10309392 | UNF12-28 | 28,0 | 3,98<br>*0.157* | 5,486<br>*0.216* | 18,0<br>*0.709* | 30<br>*1.181* | 76,2<br>*3.000* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 4,6<br>*0.181* | 3 | B |
| T30-PU09B03-1/4-28-21R | 10309393 | UNF1/4-28 | 28,0 | 4,2<br>*0.165* | 6,35<br>*0.250* | 18,0<br>*0.709* | 29<br>*1.142* | 75,6<br>*2.976* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00x5.50 | 5,5<br>*0.217* | 3 | B |
| T30-PU09B03-5/16-24-21R | 10309394 | UNF5/16-24 | 24,0 | 4,85<br>*0.191* | 7,937<br>*0.312* | 20,0<br>*0.787* | 35<br>*1.378* | 85,1<br>*3.350* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,9<br>*0.272* | 3 | B |
| T30-PU09B03-3/8-24-21R | 10309395 | UNF3/8-24 | 24,0 | 5,22<br>*0.206* | 9,525<br>*0.375* | 20,0<br>*0.787* | 35<br>*1.378* | 84,8<br>*3.339* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T30-PUB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE
—Neacoperit
—Standard: DIN374
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 246

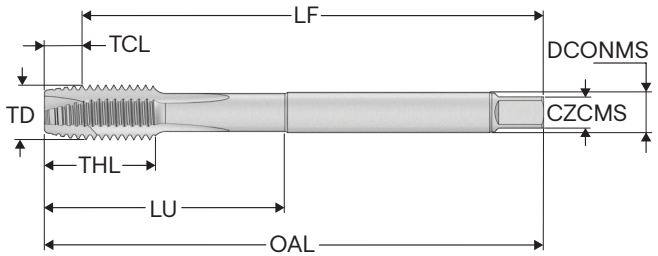
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU09B05-7/16-20-21R | 10309515 | UNF7/16-20 | 20,0 | 5,88<br>*0.231* | 11,112<br>*0.437* | 20,0<br>*0.787* | 76<br>*2.992* | 94,1<br>*3.705* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,9<br>*0.390* | 3 | B |
| T30-PU09B05-1/2-20-21R | 10309516 | UNF1/2-20 | 20,0 | 6,28<br>*0.247* | 12,7<br>*0.500* | 20,0<br>*0.787* | 73<br>*2.874* | 93,7<br>*3.689* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,5<br>*0.453* | 3 | B |
| T30-PU09B05-9/16-18-21R | 10309517 | UNF9/16-18 | 18,0 | 6,69<br>*0.263* | 14,287<br>*0.562* | 20,0<br>*0.787* | 71<br>*2.795* | 93,3<br>*3.673* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 3 | B |
| T30-PU09B05-5/8-18-21R | 10309702 | UNF5/8-18 | 18,0 | 6,76<br>*0.266* | 15,875<br>*0.625* | 20,0<br>*0.787* | 58<br>*2.283* | 93,2<br>*3.669* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 3 | B |
| T30-PU09B05-3/4-16-21R | 10309518 | UNF3/4-16 | 16,0 | 7,81<br>*0.307* | 19,05<br>*0.750* | 24,0<br>*0.945* | 66<br>*2.598* | 102,2<br>*4.024* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 17,5<br>*0.689* | 4 | B |
| T30-PU09B05-7/8-14-21R | 10309703 | UNF7/8-14 | 14,0 | 8,96<br>*0.353* | 22,225<br>*0.875* | 24,0<br>*0.945* | 78<br>*3.071* | 116,0<br>*4.567* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 20,5<br>*0.807* | 4 | B |
| T30-PU09B05-1-12-21R | 10309704 | UNF1-12 | 12,0 | 10,44<br>*0.411* | 25,4<br>*1.000* | 27,0<br>*1.063* | 93<br>*3.661* | 129,6<br>*5.102* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,3<br>*0.917* | 4 | B |
| T30-PU09B05-1.1/8-12-21R | 10309786 | UNF11/8-12 | 12,0 | 10,37<br>*0.408* | 28,575<br>*1.125* | 27,0<br>*1.063* | 85<br>*3.346* | 139,6<br>*5.496* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | B |
| T30-PU09B05-1.1/4-12-21R | 10309787 | UNF11/4-12 | 12,0 | 10,29<br>*0.405* | 31,75<br>*1.250* | 27,0<br>*1.063* | 85<br>*3.346* | 139,7<br>*5.500* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 29,5<br>*1.161* | 4 | B |
| T30-PU09B05-1.1/2-12-21R | 10309788 | UNF11/2-12 | 12,0 | 10,48<br>*0.413* | 38,1<br>*1.500* | 30,0<br>*1.181* | 101<br>*3.976* | 159,5<br>*6.280* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 36,0<br>*1.417* | 4 | B |

## T30-PUB

Găuri străpunse – Fileturi G






- Substrat: HSSE
- Neacoperit
- Standard: DIN5156
- Clasa de toleranţă a filetului: NORMAL
- Regimuri de aşchiere, vezi pagina(paginile) 246

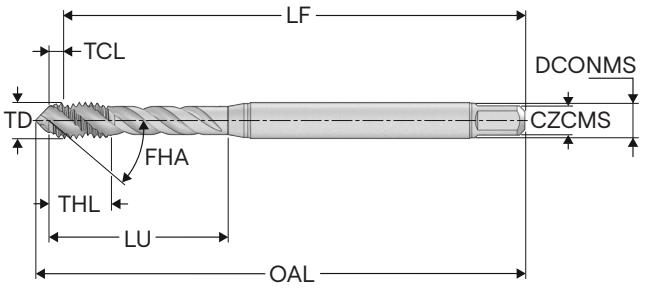
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PU21B09-1/16-28-11R | 10309695 | G1/16-28 | 28,0 | 4,64<br>*0.183* | 7,723<br>*0.304* | 17,0<br>*0.669* | 67<br>*2.638* | 85,4<br>*3.362* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | B |
| T30-PU21B09-1/8-28-11R | 10309501 | G1/8-28 | 28,0 | 4,76<br>*0.187* | 9,728<br>*0.383* | 18,0<br>*0.709* | 67<br>*2.638* | 85,2<br>*3.354* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | B |
| T30-PU21B09-1/4-19-11R | 10309502 | G1/4-19 | 19,0 | 6,77<br>*0.267* | 13,157<br>*0.518* | 22,0<br>*0.866* | 71<br>*2.795* | 93,2<br>*3.669* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 11,8<br>*0.465* | 3 | B |
| T30-PU21B09-3/8-19-11R | 10309503 | G3/8-19 | 19,0 | 6,89<br>*0.271* | 16,662<br>*0.656* | 22,0<br>*0.866* | 58<br>*2.283* | 93,1<br>*3.665* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,25<br>*0.600* | 3 | B |
| T30-PU21B09-1/2-14-11R | 10309504 | G1/2-14 | 14,0 | 9,22<br>*0.363* | 20,955<br>*0.825* | 25,0<br>*0.984* | 80<br>*3.150* | 115,8<br>*4.559* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 19,0<br>*0.748* | 4 | B |
| T30-PU21B09-3/4-14-11R | 10309505 | G3/4-14 | 14,0 | 9,36<br>*0.369* | 26,441<br>*1.041* | 28,0<br>*1.102* | 77<br>*3.031* | 130,6<br>*5.142* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 24,5<br>*0.965* | 4 | B |
| T30-PU21B09-7/8-14-11R | 10309696 | G7/8-14 | 14,0 | 9,03<br>*0.356* | 30,201<br>*1.189* | 30,0<br>*1.181* | 85<br>*3.346* | 141,0<br>*5.551* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,25<br>*1.112* | 4 | B |
| T30-PU21B09-1-11-11R | 10309506 | G1-11 | 11,0 | 11,49<br>*0.452* | 33,249<br>*1.309* | 32,0<br>*1.260* | 93<br>*3.661* | 148,5<br>*5.846* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 30,75<br>*1.211* | 4 | B |
| T30-PU21B09-1.1/4-11-11R | 10309507 | G1.1/4-11 | 11,0 | 11,69<br>*0.460* | 41,91<br>*1.650* | 34,0<br>*1.339* | 72<br>*2.835* | 158,3<br>*6.232* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 39,5<br>*1.555* | 5 | B |
| T30-PU21B09-1.1/2-11-11R | 10309508 | G1.1/2-11 | 11,0 | 11,67<br>*0.459* | 47,803<br>*1.882* | 36,0<br>*1.417* | 87<br>*3.425* | 178,3<br>*7.020* | 190,0<br>*7.480* | 36,0<br>*1.417* | 36.00x29.00 | 45,25<br>*1.781* | 5 | B |
| T30-PU21B09-2-11-11R | 10309697 | G2-11 | 11,0 | 11,71<br>*0.461* | 59,614<br>*2.347* | 40,0<br>*1.575* | 111<br>*4.370* | 208,3<br>*8.201* | 220,0<br>*8.661* | 45,0<br>*1.772* | 45.00x35.00 | 57,0<br>*2.244* | 5 | B |

## T30-R40UC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

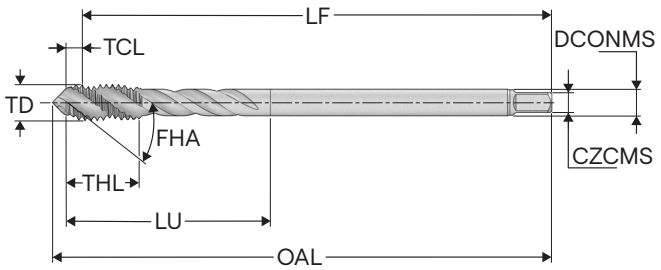
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U01C03-3X0.5-63R | 10309416 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T30-R40U01C03-3.5X0.6-63R | 10309417 | M3.5 | 0,6 | 1,36<br>*0.054* | 3,5<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,6<br>*2.150* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,9<br>*0.114* | 3 | C |
| T30-R40U01C03-4X0.7-63R | 10309418 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T30-R40U01C03-4.5X0.75-63R | 10309651 | M4.5 | 0,75 | 1,72<br>*0.068* | 4,0<br>*0.157* | 8,0<br>*0.315* | 25<br>*0.984* | 68,3<br>*2.689* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00x4.90 | 3,8<br>*0.150* | 3 | C |
| T30-R40U01C03-5X0.8-63R | 10309420 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T30-R40U01C03-6X1-63R | 10309422 | M6 | 1,0 | 2,27<br>*0.089* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T30-R40U01C03-7X1-63R | 10309425 | M7 | 1,0 | 2,28<br>*0.090* | 7,0<br>*0.276* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00x5.50 | 6,0<br>*0.236* | 3 | C |
| T30-R40U01C03-8X1.25-63R | 10309426 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T30-R40U01C03-9X1.25-63R | 10309653 | M9 | 1,25 | 3,11<br>*0.122* | 9,0<br>*0.354* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00x7.00 | 7,8<br>*0.307* | 3 | C |
| T30-R40U01C03-10X1.5-63R | 10309429 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

# T30-R40UC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Neacoperit
- Standard: DIN376
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

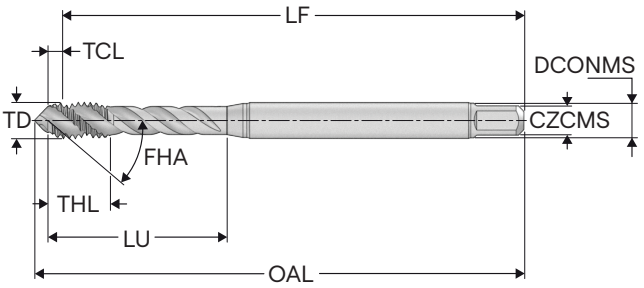
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U01C06-3X0.5-63R | 10309553 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 37<br>*1.457* | 54,8<br>*2.157* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | C |
| T30-R40U01C06-4X0.7-63R | 10309554 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 8,0<br>*0.315* | 44<br>*1.732* | 61,2<br>*2.409* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,3<br>*0.130* | 3 | C |
| T30-R40U01C06-5X0.8-63R | 10309555 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 10,0<br>*0.394* | 51<br>*2.008* | 68,1<br>*2.681* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | C |
| T30-R40U01C06-6X1-63R | 10309556 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 12,0<br>*0.472* | 61<br>*2.402* | 77,7<br>*3.059* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | C |
| T30-R40U01C06-8X1.25-63R | 10309557 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 15,0<br>*0.591* | 67<br>*2.638* | 86,9<br>*3.421* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | C |
| T30-R40U01C06-10X1.5-63R | 10309559 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 17,0<br>*0.669* | 77<br>*3.031* | 96,2<br>*3.787* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | C |
| T30-R40U01C06-11X1.5-63R | 10309731 | M11 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 76<br>*2.992* | 96,2<br>*3.787* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,5<br>*0.374* | 3 | C |
| T30-R40U01C06-12X1.75-63R | 10309562 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,6<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T30-R40U01C06-14X2-63R | 10309570 | M14 | 2,0 | 5,07<br>*0.200* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,9<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T30-R40U01C06-16X2-63R | 10309575 | M16 | 2,0 | 3,75<br>*0.148* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 106,3<br>*4.185* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T30-R40U01C06-18X2.5-63R | 10309578 | M18 | 2,5 | 6,31<br>*0.248* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,7<br>*4.673* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | C |
| T30-R40U01C06-20X2.5-63R | 10309581 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,5<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |
| T30-R40U01C06-22X2.5-63R | 10309585 | M22 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 93<br>*3.661* | 133,5<br>*5.256* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | C |
| T30-R40U01C06-24X3-63R | 10309587 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,2<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | C |
| T30-R40U01C06-27X3-63R | 10309591 | M27 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 97<br>*3.819* | 152,2<br>*5.992* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 24,0<br>*0.945* | 4 | C |
| T30-R40U01C06-30X3.5-63R | 10309594 | M30 | 3,5 | 8,87<br>*0.349* | 27,0<br>*1.063* | 35,0<br>*1.378* | 115<br>*4.528* | 171,1<br>*6.736* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | C |
| T30-R40U01C06-33X3.5-63R | 10309742 | M33 | 3,5 | 8,88<br>*0.350* | 33,0<br>*1.299* | 35,0<br>*1.378* | 113<br>*4.449* | 171,1<br>*6.736* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00x20.00 | 29,5<br>*1.161* | 4 | C |
| T30-R40U01C06-36X4-63R | 10309597 | M36 | 4,0 | 9,94<br>*0.391* | 36,0<br>*1.417* | 40,0<br>*1.575* | 131<br>*5.157* | 190,1<br>*7.484* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 32,0<br>*1.260* | 4 | C |
| T30-R40U01C06-39X4-63R | 10309749 | M39 | 4,0 | 9,94<br>*0.391* | 39,0<br>*1.535* | 40,0<br>*1.575* | 102<br>*4.016* | 190,1<br>*7.484* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 35,0<br>*1.378* | 5 | C |
| T30-R40U01C06-42X4.5-63R | 10309751 | M42 | 4,5 | 11,01<br>*0.433* | 42,0<br>*1.654* | 45,0<br>*1.772* | 102<br>*4.016* | 189,0<br>*7.441* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 37,5<br>*1.476* | 5 | C |
| T30-R40U01C06-45X4.5-63R | 10309754 | M45 | 4,5 | 11,01<br>*0.433* | 45,0<br>*1.772* | 45,0<br>*1.772* | 117<br>*4.606* | 209,0<br>*8.228* | 220,0<br>*8.661* | 36,0<br>*1.417* | 36.00x29.00 | 40,5<br>*1.594* | 5 | C |
| T30-R40U01C06-48X5-63R | 10309598 | M48 | 5,0 | 12,08<br>*0.476* | 48,0<br>*1.890* | 50,0<br>*1.969* | 147<br>*5.787* | 237,9<br>*9.366* | 250,0<br>*9.843* | 36,0<br>*1.417* | 36.00x29.00 | 43,0<br>*1.693* | 5 | C |
| T30-R40U01C06-52X5-63R | 10309757 | M52 | 5,0 | 12,08<br>*0.476* | 52,0<br>*2.047* | 50,0<br>*1.969* | 146<br>*5.748* | 237,9<br>*9.366* | 250,0<br>*9.843* | 40,0<br>*1.575* | 40.00x32.00 | 47,0<br>*1.850* | 5 | C |

## T30-R40UC

Găuri înfundate – Fileturi metrice rare, 6G





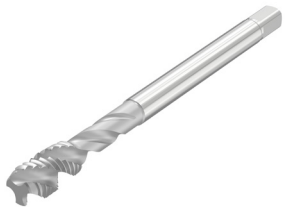

—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: 6G
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

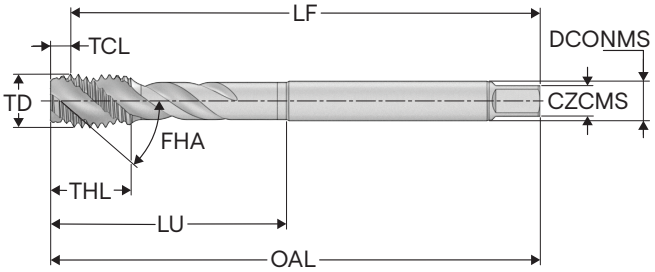
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U01C03-3X0.5-61R | 10309658 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T30-R40U01C03-4X0.7-61R | 10309659 | M4 | 0,7 | 1,75<br>*0.069* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T30-R40U01C03-5X0.8-61R | 10309660 | M5 | 0,8 | 1,93<br>*0.076* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T30-R40U01C03-6X1-61R | 10309446 | M6 | 1,0 | 2,32<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T30-R40U01C03-8X1.25-61R | 10309447 | M8 | 1,25 | 3,16<br>*0.124* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,8<br>*3.417* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T30-R40U01C03-10X1.5-61R | 10309448 | M10 | 1,5 | 3,81<br>*0.150* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T30-R40UC

Găuri înfundate – Fileturi metrice rare, 6G






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 6G
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

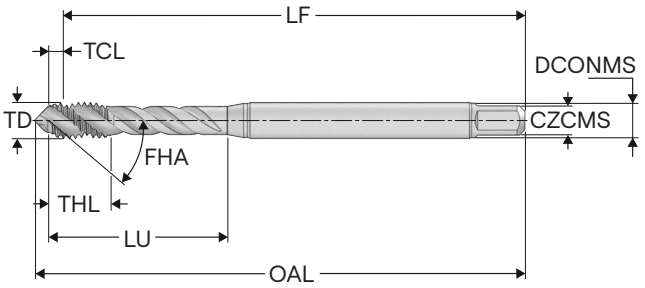
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U01C06-12X1.75-61R | 10309618 | M12 | 1,75 | 4,47<br>*0.176* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,5<br>*4.154* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T30-R40U01C06-16X2-61R | 10309619 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T30-R40U01C06-20X2.5-61R | 10309769 | M20 | 2,5 | 6,58<br>*0.259* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,4<br>*5.252* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |

## T30-R40UC

Găuri înfundate – Fileturi MF






—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

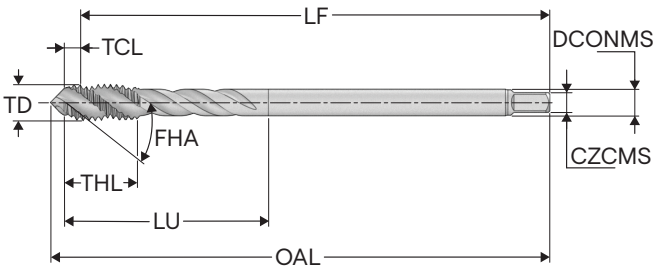
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U02C03-3X0.35-63R | 10309650 | MF3X0.35 | 0,35 | 0,81<br>*0.032* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 55,1<br>*2.169* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,65<br>*0.104* | 3 | C |
| T30-R40U02C03-4X0.5-63R | 10309419 | MF4X0.5 | 0,5 | 1,17<br>*0.046* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,7<br>*2.429* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | C |
| T30-R40U02C03-5X0.5-63R | 10309421 | MF5X0.5 | 0,5 | 1,17<br>*0.046* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,6<br>*2.701* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,5<br>*0.177* | 3 | C |
| T30-R40U02C03-6X0.5-63R | 10309423 | MF6X0.5 | 0,5 | 1,19<br>*0.047* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,5<br>*3.091* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,5<br>*0.217* | 3 | C |
| T30-R40U02C03-6X0.75-63R | 10309424 | MF6X0.75 | 0,75 | 1,73<br>*0.068* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,1<br>*3.075* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,2<br>*0.205* | 3 | C |
| T30-R40U02C03-8X0.5-63R | 10309652 | MF8X0.5 | 0,5 | 1,48<br>*0.058* | 8,0<br>*0.315* | 10,0<br>*0.394* | 30<br>*1.181* | 78,5<br>*3.091* | 80,0<br>*3.150* | 8,0<br>*0.315* | 8.00x6.20 | 7,5<br>*0.295* | 3 | C |
| T30-R40U02C03-8X0.75-63R | 10309427 | MF8X0.75 | 0,75 | 2,03<br>*0.080* | 8,0<br>*0.315* | 10,0<br>*0.394* | 30<br>*1.181* | 78,0<br>*3.071* | 81,7<br>*3.217* | 8,0<br>*0.315* | 8.00x6.20 | 7,2<br>*0.283* | 3 | C |
| T30-R40U02C03-8X1-63R | 10309428 | MF8X1 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,4<br>*3.441* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | C |
| T30-R40U02C03-10X0.5-63R | 10309654 | MF10X0.5 | 0,5 | 1,59<br>*0.063* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 88,4<br>*3.480* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 9,5<br>*0.374* | 3 | C |
| T30-R40U02C03-10X0.75-63R | 10309655 | MF10X0.75 | 0,75 | 2,13<br>*0.084* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,9<br>*3.461* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,2<br>*0.362* | 3 | C |
| T30-R40U02C03-10X1-63R | 10309430 | MF10X1 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,3<br>*3.437* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | C |
| T30-R40U02C03-10X1.25-63R | 10309431 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,8<br>*3.811* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,8<br>*0.346* | 3 | C |

## T30-R40UC

Găuri înfundate – Fileturi MF






- Substrat: HSSE
- Neacoperit
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

Core

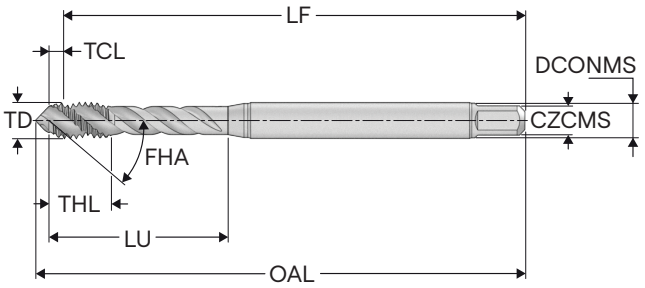
| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U02C05-4X0.5-63R | 10309727 | MF4X0.5 | 0,5 | 1,17<br>*0.046* | 4,0<br>*0.157* | 7,0<br>*0.276* | 44<br>*1.732* | 61,6<br>*2.425* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,5<br>*0.138* | 3 | C |
| T30-R40U02C05-5X0.5-63R | 10309728 | MF5X0.5 | 0,5 | 1,17<br>*0.046* | 5,0<br>*0.197* | 10,0<br>*0.394* | 51<br>*2.008* | 68,6<br>*2.701* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,5<br>*0.177* | 3 | C |
| T30-R40U02C05-8X1-63R | 10309558 | MF8X1 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 10,0<br>*0.394* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | C |
| T30-R40U02C05-9X1-63R | 10309729 | MF9X1 | 1,0 | 2,58<br>*0.102* | 9,0<br>*0.354* | 10,0<br>*0.394* | 63<br>*2.480* | 87,4<br>*3.441* | 90,0<br>*3.543* | 7,0<br>*0.276* | 9.00x7.00 | 8,0<br>*0.315* | 3 | C |
| T30-R40U02C05-10X0.75-63R | 10309730 | MF10X0.75 | 0,75 | 2,13<br>*0.084* | 10,0<br>*0.394* | 10,0<br>*0.394* | 67<br>*2.638* | 87,9<br>*3.461* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,2<br>*0.362* | 3 | C |
| T30-R40U02C05-12X0.75-63R | 10309732 | MF12X0.75 | 0,75 | 2,2<br>*0.087* | 10,0<br>*0.394* | 10,0<br>*0.394* | 73<br>*2.874* | 97,8<br>*3.850* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,2<br>*0.441* | 3 | C |
| T30-R40U02C05-10X1-63R | 10309560 | MF10X1 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 13,0<br>*0.512* | 67<br>*2.638* | 87,3<br>*3.437* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | C |
| T30-R40U02C05-10X1.25-63R | 10309561 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 77<br>*3.031* | 96,8<br>*3.811* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | C |
| T30-R40U02C05-12X1-63R | 10309567 | MF12X1 | 1,0 | 2,79<br>*0.110* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 97,2<br>*3.827* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 3 | C |
| T30-R40U02C05-12X1.25-63R | 10309568 | MF12X1.25 | 1,25 | 3,34<br>*0.131* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,7<br>*3.807* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | C |
| T30-R40U02C05-12X1.5-63R | 10309569 | MF12X1.5 | 1,5 | 3,87<br>*0.152* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,1<br>*3.783* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | C |
| T30-R40U02C05-14X1-63R | 10309571 | MF14X1 | 1,0 | 2,89<br>*0.114* | 14,0<br>*0.551* | 10,0<br>*0.394* | 71<br>*2.795* | 97,1<br>*3.823* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 4 | C |
| T30-R40U02C05-15X1-63R | 10309574 | MF15X1 | 1,0 | 2,89<br>*0.114* | 14,0<br>*0.551* | 10,0<br>*0.394* | 58<br>*2.283* | 97,1<br>*3.823* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T30-R40U02C05-14X1.25-63R | 10309572 | MF14X1.25 | 1,25 | 3,44<br>*0.135* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,6<br>*3.803* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,8<br>*0.504* | 4 | C |
| T30-R40U02C05-14X1.5-63R | 10309573 | MF14X1.5 | 1,5 | 3,97<br>*0.156* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,0<br>*3.780* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 4 | C |
| T30-R40U02C05-16X1-63R | 10309576 | MF16X1 | 1,0 | 2,79<br>*0.110* | 16,0<br>*0.630* | 10,0<br>*0.394* | 58<br>*2.283* | 97,2<br>*3.827* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,0<br>*0.591* | 4 | C |
| T30-R40U02C05-16X1.5-63R | 10309577 | MF16X1.5 | 1,5 | 4,07<br>*0.160* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,9<br>*3.776* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | C |
| T30-R40U02C05-18X1-63R | 10309579 | MF18X1 | 1,0 | 2,69<br>*0.106* | 18,0<br>*0.709* | 13,0<br>*0.512* | 66<br>*2.598* | 107,3<br>*4.224* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 17,0<br>*0.669* | 4 | C |
| T30-R40U02C05-18X1.5-63R | 10309580 | MF18X1.5 | 1,5 | 4,17<br>*0.164* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,8<br>*4.165* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | C |
| T30-R40U02C05-18X2-63R | 10309733 | MF18X2 | 2,0 | 5,25<br>*0.207* | 18,0<br>*0.709* | 20,0<br>*0.787* | 81<br>*3.189* | 119,7<br>*4.713* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 16,0<br>*0.630* | 4 | C |
| T30-R40U02C05-20X1-63R | 10309582 | MF20X1 | 1,0 | 2,79<br>*0.110* | 20,0<br>*0.787* | 13,0<br>*0.512* | 80<br>*3.150* | 122,2<br>*4.811* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 19,0<br>*0.748* | 4 | C |
| T30-R40U02C05-22X1-63R | 10309734 | MF22X1 | 1,0 | 2,59<br>*0.102* | 20,0<br>*0.787* | 13,0<br>*0.512* | 78<br>*3.071* | 122,4<br>*4.819* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | C |
| T30-R40U02C05-20X1.5-63R | 10309583 | MF20X1.5 | 1,5 | 4,37<br>*0.172* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,6<br>*4.748* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | C |
| T30-R40U02C05-20X2-63R | 10309584 | MF20X2 | 2,0 | 5,45<br>*0.215* | 20,0<br>*0.787* | 20,0<br>*0.787* | 95<br>*3.740* | 134,5<br>*5.295* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 18,0<br>*0.709* | 4 | C |
| T30-R40U02C05-24X1-63R | 10309736 | MF24X1 | 1,0 | 2,8<br>*0.110* | 22,0<br>*0.866* | 13,0<br>*0.512* | 93<br>*3.661* | 137,2<br>*5.402* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,0<br>*0.906* | 4 | C |

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U02C05-22X1.5-63R | 10309586 | MF22X1.5 | 1,5 | 4,37<br>*0.172* | 22,0<br>*0.866* | 17,0<br>*0.669* | 78<br>*3.071* | 120,6<br>*4.748* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 20,5<br>*0.807* | 4 | C |
| T30-R40U02C05-22X2-63R | 10309735 | MF22X2 | 2,0 | 5,45<br>*0.215* | 22,0<br>*0.866* | 20,0<br>*0.787* | 93<br>*3.661* | 134,5<br>*5.295* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 20,0<br>*0.787* | 4 | C |
| T30-R40U02C05-24X1.5-63R | 10309588 | MF24X1.5 | 1,5 | 4,39<br>*0.173* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 135,6<br>*5.339* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 22,5<br>*0.886* | 4 | C |
| T30-R40U02C05-25X1.5-63R | 10309590 | MF25X1.5 | 1,5 | 4,19<br>*0.165* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 135,4<br>*5.331* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,5<br>*0.925* | 4 | C |
| T30-R40U02C05-26X1.5-63R | 10309737 | MF26X1.5 | 1,5 | 4,19<br>*0.165* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 135,4<br>*5.331* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 24,5<br>*0.965* | 4 | C |
| T30-R40U02C05-24X2-63R | 10309589 | MF24X2 | 2,0 | 5,69<br>*0.224* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 134,3<br>*5.287* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 22,0<br>*0.866* | 4 | C |
| T30-R40U02C05-27X1.5-63R | 10309738 | MF27X1.5 | 1,5 | 4,19<br>*0.165* | 27,0<br>*1.063* | 20,0<br>*0.787* | 77<br>*3.031* | 135,4<br>*5.331* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,5<br>*1.004* | 4 | C |
| T30-R40U02C05-28X1.5-63R | 10309593 | M28x1.5 | 1,5 | 4,19<br>*0.165* | 27,0<br>*1.063* | 20,0<br>*0.787* | 77<br>*3.031* | 135,4<br>*5.331* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,5<br>*1.004* | 4 | C |
| T30-R40U02C05-27X2-63R | 10309592 | MF27X2 | 2,0 | 5,67<br>*0.223* | 27,0<br>*1.063* | 20,0<br>*0.787* | 77<br>*3.031* | 134,3<br>*5.287* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 25,0<br>*0.984* | 4 | C |
| T30-R40U02C05-30X1.5-63R | 10309595 | MF30X1.5 | 1,5 | 4,19<br>*0.165* | 30,0<br>*1.181* | 22,0<br>*0.866* | 85<br>*3.346* | 145,8<br>*5.740* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,5<br>*1.122* | 4 | C |
| T30-R40U02C05-30X2-63R | 10309596 | MF30X2 | 2,0 | 5,67<br>*0.223* | 30,0<br>*1.181* | 22,0<br>*0.866* | 85<br>*3.346* | 144,3<br>*5.681* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,0<br>*1.102* | 4 | C |
| T30-R40U02C05-30X3-63R | 10309739 | MF30X3 | 3,0 | 7,81<br>*0.307* | 30,0<br>*1.181* | 30,0<br>*1.181* | 115<br>*4.528* | 172,2<br>*6.780* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 27,0<br>*1.063* | 4 | C |
| T30-R40U02C05-32X1.5-63R | 10309740 | MF32X1.5 | 1,5 | 4,19<br>*0.165* | 32,0<br>*1.260* | 22,0<br>*0.866* | 85<br>*3.346* | 145,4<br>*5.724* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 30,5<br>*1.201* | 4 | C |
| T30-R40U02C05-32X2-63R | 10309741 | MF32X2 | 2,0 | 5,47<br>*0.215* | 32,0<br>*1.260* | 22,0<br>*0.866* | 85<br>*3.346* | 144,5<br>*5.689* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 30,0<br>*1.181* | 4 | C |
| T30-R40U02C05-33X1.5-63R | 10309743 | MF33X1.5 | 1,5 | 3,79<br>*0.149* | 33,0<br>*1.299* | 22,0<br>*0.866* | 93<br>*3.661* | 156,2<br>*6.150* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 31,5<br>*1.240* | 4 | C |
| T30-R40U02C05-33X2-63R | 10309744 | MF33X2 | 2,0 | 5,67<br>*0.223* | 33,0<br>*1.299* | 24,0<br>*0.945* | 93<br>*3.661* | 154,3<br>*6.075* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 31,0<br>*1.220* | 4 | C |
| T30-R40U02C05-35X1.5-63R | 10309745 | MF35X1.5 | 1,5 | 4,19<br>*0.165* | 35,0<br>*1.378* | 22,0<br>*0.866* | 101<br>*3.976* | 165,4<br>*6.512* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 33,5<br>*1.319* | 4 | C |
| T30-R40U02C05-36X1.5-63R | 10309746 | MF36X1.5 | 1,5 | 4,19<br>*0.165* | 36,0<br>*1.417* | 22,0<br>*0.866* | 101<br>*3.976* | 165,4<br>*6.512* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 34,5<br>*1.358* | 4 | C |
| T30-R40U02C05-36X2-63R | 10309747 | MF36X2 | 2,0 | 5,67<br>*0.223* | 36,0<br>*1.417* | 24,0<br>*0.945* | 101<br>*3.976* | 164,3<br>*6.469* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 34,0<br>*1.339* | 4 | C |
| T30-R40U02C05-36X3-63R | 10309748 | MF36X3 | 3,0 | 7,81<br>*0.307* | 36,0<br>*1.417* | 30,0<br>*1.181* | 131<br>*5.157* | 192,2<br>*7.567* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 33,0<br>*1.299* | 4 | C |
| T30-R40U02C05-40X1.5-63R | 10309750 | MF40X1.5 | 1,5 | 4,39<br>*0.173* | 40,0<br>*1.575* | 25,0<br>*0.984* | 72<br>*2.835* | 165,6<br>*6.520* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 38,5<br>*1.516* | 5 | C |
| T30-R40U02C05-42X2-63R | 10309752 | MF42X2 | 2,0 | 5,46<br>*0.215* | 42,0<br>*1.654* | 25,0<br>*0.984* | 72<br>*2.835* | 164,5<br>*6.476* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 40,0<br>*1.575* | 5 | C |
| T30-R40U02C05-42X3-63R | 10309753 | MF42X3 | 3,0 | 7,61<br>*0.300* | 42,0<br>*1.654* | 30,0<br>*1.181* | 102<br>*4.016* | 192,4<br>*7.575* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00x24.00 | 39,0<br>*1.535* | 5 | C |
| T30-R40U02C05-48X1.5-63R | 10309755 | MF48X1.5 | 1,5 | 4,2<br>*0.165* | 48,0<br>*1.890* | 27,0<br>*1.063* | 87<br>*3.425* | 185,4<br>*7.299* | 190,0<br>*7.480* | 36,0<br>*1.417* | 36.00x29.00 | 46,5<br>*1.831* | 5 | C |
| T30-R40U02C05-48X3-63R | 10309756 | MF48X3 | 3,0 | 7,83<br>*0.308* | 48,0<br>*1.890* | 33,0<br>*1.299* | 122<br>*4.803* | 217,2<br>*8.551* | 225,0<br>*8.858* | 36,0<br>*1.417* | 36.00x29.00 | 45,0<br>*1.772* | 5 | C |

## T30-R40UC

Găuri înfundate – Fileturi UNC






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 2B
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

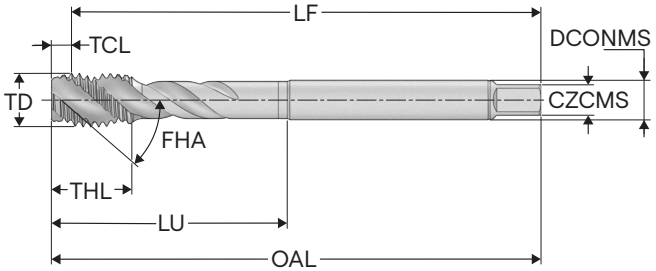
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U08C03-2-56-21R | 10309656 | UNC2-56 | 56.0 | 1,14<br>*0.045* | 2,184<br>*0.086* | 8,0<br>*0.315* | 13<br>*0.512* | 43,8<br>*1.724* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80x2.10 | 1,85<br>*0.073* | 2 | C |
| T30-R40U08C03-4-40-21R | 10309432 | UNC4-40 | 40.0 | 1,45<br>*0.057* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 54,7<br>*2.154* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,35<br>*0.093* | 3 | C |
| T30-R40U08C03-5-40-21R | 10309433 | UNC5-40 | 40.0 | 1,5<br>*0.059* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,5<br>*2.146* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,65<br>*0.104* | 3 | C |
| T30-R40U08C03-6-32-21R | 10309434 | UNC6-32 | 32.0 | 1,92<br>*0.076* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,2<br>*2.134* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,85<br>*0.112* | 3 | C |
| T30-R40U08C03-8-32-21R | 10309435 | UNC8-32 | 32.0 | 1,85<br>*0.073* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,1<br>*2.406* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | C |
| T30-R40U08C03-10-24-21R | 10309436 | UNC10-24 | 24.0 | 2,49<br>*0.098* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 67,8<br>*2.669* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 3,9<br>*0.154* | 3 | C |
| T30-R40U08C03-12-24-21R | 10309657 | UNC12-24 | 24.0 | 2,42<br>*0.095* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00x4.90 | 4,5<br>*0.177* | 3 | C |
| T30-R40U08C03-1/4-20-21R | 10309437 | UNC1/4-20 | 20.0 | 2,9<br>*0.114* | 6,35<br>*0.250* | 13,0<br>*0.512* | 32<br>*1.260* | 77,1<br>*3.035* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00x5.50 | 5,1<br>*0.201* | 3 | C |
| T30-R40U08C03-5/16-18-21R | 10309438 | UNC5/16-18 | 18.0 | 3,53<br>*0.139* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 86,5<br>*3.406* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,6<br>*0.260* | 3 | C |
| T30-R40U08C03-3/8-16-21R | 10309439 | UNC3/8-16 | 16.0 | 3,99<br>*0.157* | 9,525<br>*0.375* | 15,0<br>*0.591* | 39<br>*1.535* | 96,0<br>*3.780* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,0<br>*0.315* | 3 | C |

# T30-R40UC

Găuri înfundate – Fileturi UNC






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

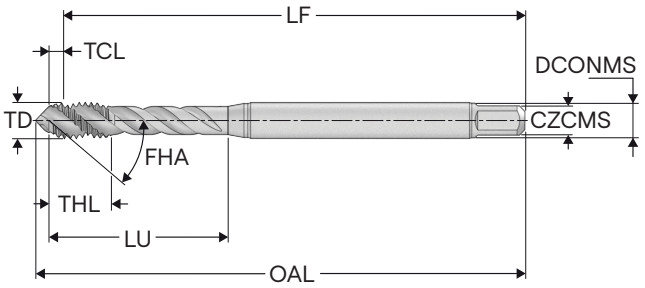
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U08C06-7/16-14-21R | 10309606 | UNC7/16-14 | 14.0 | 4,6<br>*0.181* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 95,4<br>*3.756* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,3<br>*0.366* | 3 | C |
| T30-R40U08C06-1/2-13-21R | 10309607 | UNC1/2-13 | 13.0 | 4,94<br>*0.194* | 12,7<br>*0.500* | 18,0<br>*0.709* | 83<br>*3.268* | 105,1<br>*4.138* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,7<br>*0.421* | 3 | C |
| T30-R40U08C06-9/16-12-21R | 10309608 | UNC9/16-12 | 12.0 | 5,37<br>*0.211* | 14,287<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 104,6<br>*4.118* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,3<br>*0.484* | 4 | C |
| T30-R40U08C06-5/8-11-21R | 10309609 | UNC5/8-11 | 11.0 | 5,81<br>*0.229* | 15,875<br>*0.625* | 22,0<br>*0.866* | 68<br>*2.677* | 104,2<br>*4.102* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 13,5<br>*0.531* | 4 | C |
| T30-R40U08C06-3/4-10-21R | 10309610 | UNC3/4-10 | 10.0 | 6,78<br>*0.267* | 19,05<br>*0.750* | 25,0<br>*0.984* | 81<br>*3.189* | 118,2<br>*4.654* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | C |
| T30-R40U08C06-7/8-9-21R | 10309611 | UNC7/8-9 | 9.0 | 7,27<br>*0.286* | 22,225<br>*0.875* | 30,0<br>*1.181* | 93<br>*3.661* | 132,7<br>*5.224* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | C |
| T30-R40U08C06-1-8-21R | 10309612 | UNC1-8 | 8.0 | 8,32<br>*0.328* | 25,4<br>*1.000* | 30,0<br>*1.181* | 97<br>*3.819* | 151,7<br>*5.972* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 22,25<br>*0.876* | 4 | C |
| T30-R40U08C06-1.1/8-7-21R | 10309761 | UNC11/8-7 | 7.0 | 9,16<br>*0.361* | 28,575<br>*1.125* | 37,0<br>*1.457* | 115<br>*4.528* | 170,8<br>*6.724* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 25,0<br>*0.984* | 4 | C |
| T30-R40U08C06-1.1/4-7-21R | 10309762 | UNC11/4-7 | 7.0 | 9,3<br>*0.366* | 31,75<br>*1.250* | 37,0<br>*1.457* | 115<br>*4.528* | 170,7<br>*6.720* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 28,0<br>*1.102* | 4 | C |
| T30-R40U08C06-1.3/8-6-21R | 10309763 | UNC13/8-6 | 6.0 | 10,5<br>*0.413* | 34,925<br>*1.375* | 40,0<br>*1.575* | 131<br>*5.157* | 189,5<br>*7.461* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00x22.00 | 30,75<br>*1.211* | 4 | C |

## T30-R40UC

Găuri înfundate – Fileturi UNF






- Substrat: HSSE
- Neacoperit
- Standard: DIN371
- Clasa de toleranţă a filetului: 2B
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

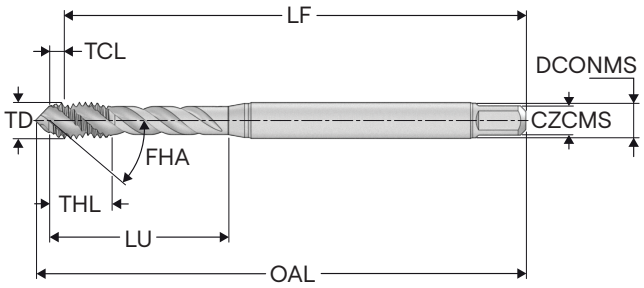
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U09C03-4-48-21R | 10309783 | UNF4-48 | 48.0 | 1,26<br>*0.050* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,4<br>*0.094* | 3 | C |
| T30-R40U09C03-5-44-21R | 10309784 | UNF5-44 | 44.0 | 1,32<br>*0.052* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,6<br>*2.150* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,7<br>*0.106* | 3 | C |
| T30-R40U09C03-6-40-21R | 10309785 | UNF6-40 | 40.0 | 1,56<br>*0.061* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,5<br>*2.146* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00x3.00 | 2,95<br>*0.116* | 3 | C |
| T30-R40U09C03-8-36-21R | 10309440 | UNF8-36 | 36.0 | 1,67<br>*0.066* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,5<br>*0.138* | 3 | C |
| T30-R40U09C03-10-32-21R | 10309441 | UNF10-32 | 32.0 | 1,96<br>*0.077* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,1<br>*0.161* | 3 | C |
| T30-R40U09C03-12-28-21R | 10309442 | UNF12-28 | 28.0 | 2,07<br>*0.081* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,9<br>*3.067* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00x4.90 | 4,6<br>*0.181* | 3 | C |
| T30-R40U09C03-1/4-28-21R | 10309443 | UNF1/4-28 | 28.0 | 2,19<br>*0.086* | 6,35<br>*0.250* | 10,0<br>*0.394* | 29<br>*1.142* | 77,6<br>*3.055* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00x5.50 | 5,5<br>*0.217* | 3 | C |
| T30-R40U09C03-5/16-24-21R | 10309444 | UNF5/16-24 | 24.0 | 2,82<br>*0.111* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 87,2<br>*3.433* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,9<br>*0.272* | 3 | C |
| T30-R40U09C03-3/8-24-21R | 10309445 | UNF3/8-24 | 24.0 | 2,91<br>*0.115* | 9,525<br>*0.375* | 15,0<br>*0.591* | 35<br>*1.378* | 87,1<br>*3.429* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T30-R40UC

Găuri înfundate – Fileturi UNF






—Substrat: HSSE
—Neacoperit
—Standard: DIN374
—Clasa de toleranţă a filetului: 2B
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

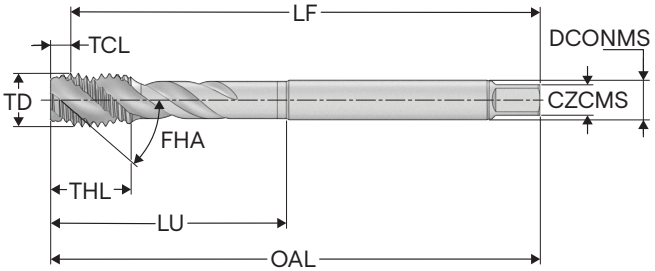
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U09C05-7/16-20-21R | 10309613 | UNF7/16-20 | 20.0 | 3,35<br>*0.132* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 96,6<br>*3.803* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00x6.20 | 9,9<br>*0.390* | 3 | C |
| T30-R40U09C05-1/2-20-21R | 10309614 | UNF1/2-20 | 20.0 | 3,51<br>*0.138* | 12,7<br>*0.500* | 15,0<br>*0.591* | 73<br>*2.874* | 96,5<br>*3.799* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,5<br>*0.453* | 3 | C |
| T30-R40U09C05-9/16-18-21R | 10309615 | UNF9/16-18 | 18.0 | 3,77<br>*0.148* | 14,287<br>*0.562* | 15,0<br>*0.591* | 71<br>*2.795* | 96,2<br>*3.787* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 4 | C |
| T30-R40U09C05-5/8-18-21R | 10309616 | UNF5/8-18 | 18.0 | 3,86<br>*0.152* | 15,875<br>*0.625* | 15,0<br>*0.591* | 58<br>*2.283* | 96,1<br>*3.783* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | C |
| T30-R40U09C05-3/4-16-21R | 10309617 | UNF3/4-16 | 16.0 | 4,45<br>*0.175* | 19,05<br>*0.750* | 17,0<br>*0.669* | 66<br>*2.598* | 105,5<br>*4.154* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 17,5<br>*0.689* | 4 | C |
| T30-R40U09C05-7/8-14-21R | 10309764 | UNF7/8-14 | 14.0 | 5,16<br>*0.203* | 22,225<br>*0.875* | 17,0<br>*0.669* | 78<br>*3.071* | 119,8<br>*4.717* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00x14.50 | 20,5<br>*0.807* | 4 | C |
| T30-R40U09C05-1-12-21R | 10309765 | UNF1-12 | 12.0 | 5,82<br>*0.229* | 25,4<br>*1.000* | 22,0<br>*0.866* | 93<br>*3.661* | 134,2<br>*5.283* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 23,3<br>*0.917* | 4 | C |
| T30-R40U09C05-1.1/8-12-21R | 10309766 | UNF11/8-12 | 12.0 | 5,98<br>*0.235* | 28,575<br>*1.125* | 22,0<br>*0.866* | 85<br>*3.346* | 144,0<br>*5.669* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | C |
| T30-R40U09C05-1.1/4-12-21R | 10309767 | UNF11/4-12 | 12.0 | 5,94<br>*0.234* | 31,75<br>*1.250* | 22,0<br>*0.866* | 85<br>*3.346* | 144,1<br>*5.673* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 29,5<br>*1.161* | 4 | C |
| T30-R40U09C05-1.1/2-12-21R | 10309768 | UNF11/2-12 | 12.0 | 6,02<br>*0.237* | 38,1<br>*1.500* | 24,0<br>*0.945* | 101<br>*3.976* | 164,0<br>*6.457* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00x22.00 | 36,0<br>*1.417* | 4 | C |

## T30-R40UC

Găuri înfundate – Fileturi G






—Substrat: HSSE
—Neacoperit
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

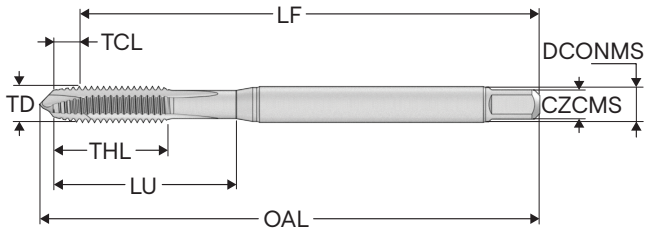
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40U21C09-1/16-28-11R | 10309758 | G1/16-28 | 28.0 | 2,56<br>*0.101* | 7,723<br>*0.304* | 10,0<br>*0.394* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | C |
| T30-R40U21C09-1/8-28-11R | 10309599 | G1/8-28 | 28.0 | 2,67<br>*0.105* | 9,728<br>*0.383* | 10,0<br>*0.394* | 67<br>*2.638* | 87,3<br>*3.437* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | C |
| T30-R40U21C09-1/4-19-11R | 10309600 | G1/4-19 | 19.0 | 3,72<br>*0.146* | 13,157<br>*0.518* | 14,0<br>*0.551* | 71<br>*2.795* | 96,3<br>*3.791* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 11,8<br>*0.465* | 3 | C |
| T30-R40U21C09-3/8-19-11R | 10309601 | G3/8-19 | 19.0 | 3,92<br>*0.154* | 16,662<br>*0.656* | 15,0<br>*0.591* | 58<br>*2.283* | 96,1<br>*3.783* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,25<br>*0.600* | 4 | C |
| T30-R40U21C09-1/2-14-11R | 10309602 | G1/2-14 | 14.0 | 5,28<br>*0.208* | 20,955<br>*0.825* | 17,0<br>*0.669* | 80<br>*3.150* | 119,7<br>*4.713* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 19,0<br>*0.748* | 4 | C |
| T30-R40U21C09-3/4-14-11R | 10309603 | G3/4-14 | 14.0 | 5,45<br>*0.215* | 26,441<br>*1.041* | 20,0<br>*0.787* | 77<br>*3.031* | 134,5<br>*5.295* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 24,5<br>*0.965* | 4 | C |
| T30-R40U21C09-7/8-14-11R | 10309604 | G7/8-14 | 14.0 | 5,38<br>*0.212* | 30,201<br>*1.189* | 22,0<br>*0.866* | 85<br>*3.346* | 144,6<br>*5.693* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00x18.00 | 28,25<br>*1.112* | 4 | C |
| T30-R40U21C09-1-11-11R | 10309605 | G1-11 | 11.0 | 6,56<br>*0.258* | 33,249<br>*1.309* | 24,0<br>*0.945* | 93<br>*3.661* | 153,4<br>*6.039* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 30,75<br>*1.211* | 4 | C |
| T30-R40U21C09-1.1/4-11-11R | 10309759 | G1.1/4-11 | 11.0 | 6,71<br>*0.264* | 41,91<br>*1.650* | 25,0<br>*0.984* | 72<br>*2.835* | 163,3<br>*6.429* | 170,0<br>*6.693* | 32,0<br>*1.260* | 32.00x24.00 | 39,5<br>*1.555* | 5 | C |
| T30-R40U21C09-1.1/2-11-11R | 10309760 | G1.1/2-11 | 11.0 | 6,66<br>*0.262* | 47,803<br>*1.882* | 27,0<br>*1.063* | 87<br>*3.425* | 183,3<br>*7.217* | 190,0<br>*7.480* | 36,0<br>*1.417* | 36.00x29.00 | 45,25<br>*1.781* | 5 | C |
| T30-R40U21C09-2-11-11R | 10309789 | G2-11 | 11.0 | 6,48<br>*0.255* | 59,614<br>*2.347* | 27,0<br>*1.063* | 111<br>*4.370* | 213,5<br>*8.406* | 220,0<br>*8.661* | 45,0<br>*1.772* | 45.00x35.00 | 57,0<br>*2.244* | 6 | C |

## T30-PXB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: Vaporizat
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

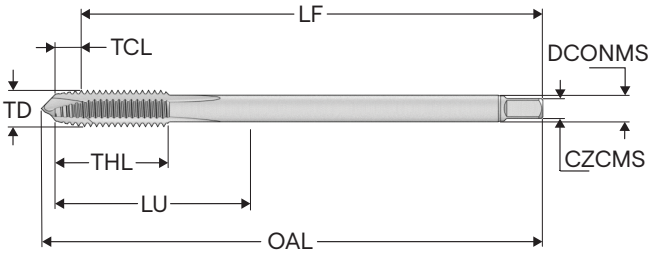
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PX01B03-3X0.5-63R | 10309402 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,8<br>*2.118* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T30-PX01B03-4X0.7-63R | 10309403 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,8<br>*2.354* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T30-PX01B03-5X0.8-63R | 10309404 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,4<br>*2.614* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T30-PX01B03-6X1-63R | 10309405 | M6 | 1,0 | 4,37<br>*0.172* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T30-PX01B03-7X1-63R | 10309649 | M7 | 1,0 | 4,37<br>*0.172* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00x5.50 | 6,0<br>*0.236* | 3 | B |
| T30-PX01B03-8X1.25-63R | 10309406 | M8 | 1,25 | 5,4<br>*0.213* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,7<br>*3.335* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T30-PX01B03-10X1.5-63R | 10309407 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,2<br>*3.669* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T30-PXB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: Vaporizat
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

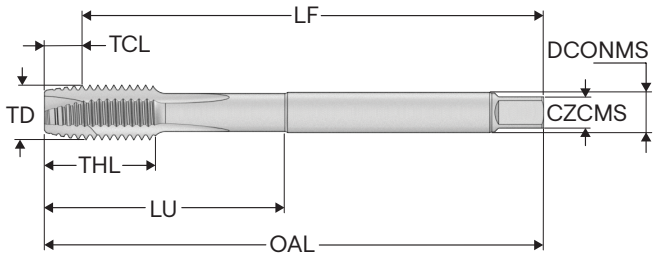
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PX01B06-3X0.5-63R | 10309707 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 11,0<br>*0.433* | 37<br>*1.457* | 53,7<br>*2.114* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | B |
| T30-PX01B06-4X0.7-63R | 10309520 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 44<br>*1.732* | 59,7<br>*2.350* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,3<br>*0.130* | 3 | B |
| T30-PX01B06-5X0.8-63R | 10309521 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 51<br>*2.008* | 66,4<br>*2.614* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | B |
| T30-PX01B06-6X1-63R | 10309522 | M6 | 1,0 | 4,39<br>*0.173* | 6,0<br>*0.236* | 18,0<br>*0.709* | 61<br>*2.402* | 75,6<br>*2.976* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | B |
| T30-PX01B06-8X1.25-63R | 10309523 | M8 | 1,25 | 5,7<br>*0.224* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 84,3<br>*3.319* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | B |
| T30-PX01B06-10X1.5-63R | 10309525 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 93,2<br>*3.669* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | B |
| T30-PX01B06-12X1.75-63R | 10309527 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 102,0<br>*4.016* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T30-PX01B06-14X2-63R | 10309530 | M14 | 2,0 | 9,14<br>*0.360* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 100,9<br>*3.972* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 3 | B |
| T30-PX01B06-16X2-63R | 10309532 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,8<br>*3.969* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T30-PX01B06-18X2.5-63R | 10309711 | M18 | 2,5 | 11,38<br>*0.448* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 113,6<br>*4.472* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | B |
| T30-PX01B06-20X2.5-63R | 10309533 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,4<br>*5.055* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |
| T30-PX01B06-22X2.5-63R | 10309713 | M22 | 2,5 | 11,78<br>*0.464* | 20,0<br>*0.787* | 32,0<br>*1.260* | 93<br>*3.661* | 128,2<br>*5.047* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | B |
| T30-PX01B06-24X3-63R | 10309535 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,3<br>*5.760* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | B |
| T30-PX01B06-27X3-63R | 10309536 | M27 | 3,0 | 13,88<br>*0.546* | 24,0<br>*0.945* | 38,0<br>*1.496* | 97<br>*3.819* | 146,1<br>*5.752* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 24,0<br>*0.945* | 4 | B |
| T30-PX01B06-30X3.5-63R | 10309714 | M30 | 3,5 | 15,93<br>*0.627* | 27,0<br>*1.063* | 45,0<br>*1.772* | 115<br>*4.528* | 164,1<br>*6.461* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | B |

## T30-PXB

Găuri străpunse – Fileturi MF






- Substrat: HSSE
- Acoperirea: Vaporizat
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- Regimuri de aşchiere, vezi pagina(paginile) 246

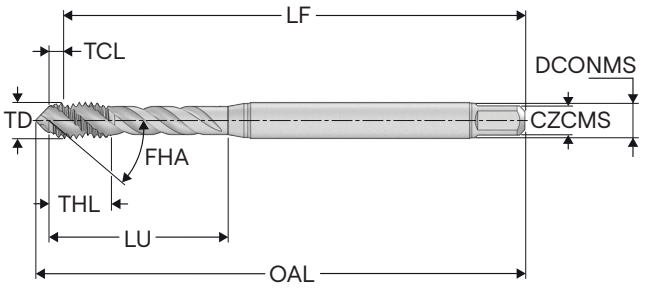
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-PX02B05-8X1-63R | 10309524 | MF8X1 | 1,0 | 4,67<br>*0.184* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 85,3<br>*3.358* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | B |
| T30-PX02B05-10X1-63R | 10309708 | MF10X1 | 1,0 | 4,79<br>*0.189* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 85,2<br>*3.354* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | B |
| T30-PX02B05-10X1.25-63R | 10309526 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 94,2<br>*3.709* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | B |
| T30-PX02B05-12X1-63R | 10309709 | MF12X1 | 1,0 | 4,89<br>*0.193* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 95,1<br>*3.744* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 3 | B |
| T30-PX02B05-12X1.25-63R | 10309528 | MF12X1.25 | 1,25 | 5,94<br>*0.234* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 94,1<br>*3.705* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | B |
| T30-PX02B05-12X1.5-63R | 10309529 | MF12X1.5 | 1,5 | 6,97<br>*0.274* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 93,0<br>*3.661* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | B |
| T30-PX02B05-14X1.5-63R | 10309531 | MF14X1.5 | 1,5 | 7,07<br>*0.278* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 92,9<br>*3.657* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 3 | B |
| T30-PX02B05-16X1.5-63R | 10309710 | MF16X1.5 | 1,5 | 7,17<br>*0.282* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 92,8<br>*3.654* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 3 | B |
| T30-PX02B05-18X1.5-63R | 10309712 | MF18X1.5 | 1,5 | 7,27<br>*0.286* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 102,7<br>*4.043* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | B |
| T30-PX02B05-20X1.5-63R | 10309534 | MF20X1.5 | 1,5 | 7,47<br>*0.294* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 117,5<br>*4.626* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | B |

## T30-R40XC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Acoperirea: Vaporizat
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 246

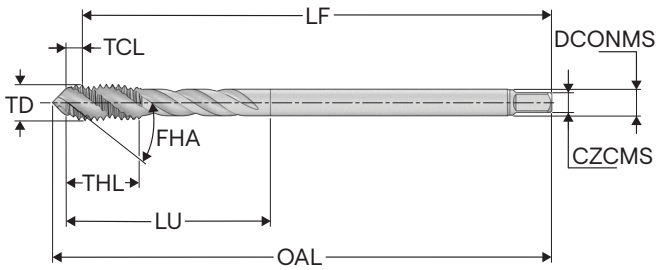
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40X01C03-3X0.5-63R | 10309449 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T30-R40X01C03-4X0.7-63R | 10309450 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T30-R40X01C03-5X0.8-63R | 10309451 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T30-R40X01C03-6X1-63R | 10309452 | M6 | 1,0 | 2,27<br>*0.089* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T30-R40X01C03-7X1-63R | 10309661 | M7 | 1,0 | 2,28<br>*0.090* | 7,0<br>*0.276* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00x5.50 | 6,0<br>*0.236* | 3 | C |
| T30-R40X01C03-8X1.25-63R | 10309453 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T30-R40X01C03-10X1.5-63R | 10309454 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T30-R40XC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: Vaporizat
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

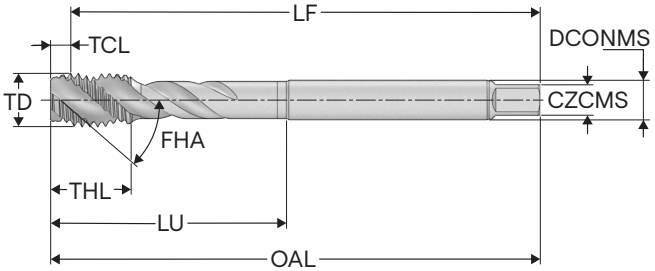
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40X01C06-3X0.5-63R | 10309770 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 37<br>*1.457* | 54,8<br>*2.157* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | C |
| T30-R40X01C06-5X0.8-63R | 10309772 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 10,0<br>*0.394* | 51<br>*2.008* | 68,1<br>*2.681* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | C |
| T30-R40X01C06-6X1-63R | 10309620 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 12,0<br>*0.472* | 61<br>*2.402* | 77,7<br>*3.059* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | C |
| T30-R40X01C06-8X1.25-63R | 10309621 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 15,0<br>*0.591* | 67<br>*2.638* | 86,9<br>*3.421* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | C |
| T30-R40X01C06-10X1.5-63R | 10309622 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 17,0<br>*0.669* | 77<br>*3.031* | 96,2<br>*3.787* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | C |
| T30-R40X01C06-12X1.75-63R | 10309624 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,6<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T30-R40X01C06-14X2-63R | 10309626 | M14 | 2,0 | 5,08<br>*0.200* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,9<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T30-R40X01C06-16X2-63R | 10309628 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T30-R40X01C06-18X2.5-63R | 10309778 | M18 | 2,5 | 6,31<br>*0.248* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,7<br>*4.673* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | C |
| T30-R40X01C06-20X2.5-63R | 10309630 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,5<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |
| T30-R40X01C06-22X2.5-63R | 10309631 | M22 | 2,5 | 6,53<br>*0.257* | 20,0<br>*0.787* | 25,0<br>*0.984* | 93<br>*3.661* | 133,5<br>*5.256* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | C |
| T30-R40X01C06-24X3-63R | 10309632 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,2<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | C |
| T30-R40X01C06-27X3-63R | 10309780 | M27 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 97<br>*3.819* | 152,2<br>*5.992* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 24,0<br>*0.945* | 4 | C |
| T30-R40X01C06-30X3.5-63R | 10309633 | M30 | 3,5 | 8,87<br>*0.349* | 27,0<br>*1.063* | 35,0<br>*1.378* | 115<br>*4.528* | 171,1<br>*6.736* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | C |

## T30-R40XC

Găuri înfundate – Fileturi MF






—Substrat: HSSE
—Acoperirea: Vaporizat
—Standard: DIN374
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 246

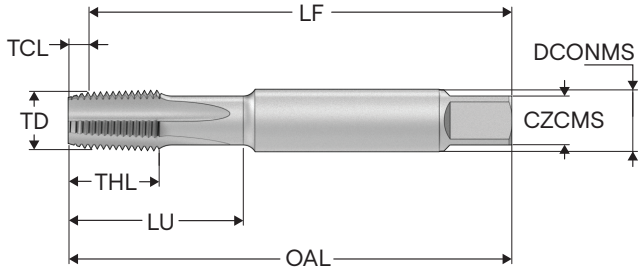
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-R40X02C05-8X1-63R | 10309773 | MF8X1 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 10,0<br>*0.394* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | C |
| T30-R40X02C05-10X1-63R | 10309623 | MF10X1 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 10,0<br>*0.394* | 67<br>*2.638* | 87,3<br>*3.437* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | C |
| T30-R40X02C05-10X1.25-63R | 10309774 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 77<br>*3.031* | 96,8<br>*3.811* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | C |
| T30-R40X02C05-12X1-63R | 10309775 | MF12X1 | 1,0 | 2,79<br>*0.110* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 97,2<br>*3.827* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 3 | C |
| T30-R40X02C05-12X1.25-63R | 10309625 | MF12X1.25 | 1,25 | 3,34<br>*0.131* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,7<br>*3.807* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | C |
| T30-R40X02C05-12X1.5-63R | 10309776 | MF12X1.5 | 1,5 | 3,87<br>*0.152* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,1<br>*3.783* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | C |
| T30-R40X02C05-14X1.5-63R | 10309627 | MF14X1.5 | 1,5 | 3,97<br>*0.156* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,0<br>*3.780* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 4 | C |
| T30-R40X02C05-16X1.5-63R | 10309777 | MF16X1.5 | 1,5 | 4,07<br>*0.160* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,9<br>*3.776* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | C |
| T30-R40X02C05-18X1.5-63R | 10309629 | MF18X1.5 | 1,5 | 4,17<br>*0.164* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,8<br>*4.165* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | C |
| T30-R40X02C05-20X1.5-63R | 10309779 | MF20X1.5 | 1,5 | 4,37<br>*0.172* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,6<br>*4.748* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | C |

## T30-SUC

Găuri înfundate și străpunse – Fileturi NPT






—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: NORMAL
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 246

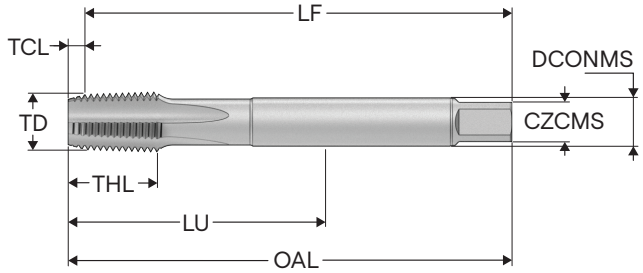
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-SU46C03-1/8-27-R | 10309414 | NPT1/8-27 | 27.0 | 3,14<br>*0.124* | 10,287<br>*0.405* | 15,0<br>*0.591* | 36<br>*1.417* | 86,9<br>*3.421* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |
| T30-SU46C03-1/4-18-R | 10309415 | NPT1/4-18 | 18.0 | 4,53<br>*0.178* | 13,716<br>*0.540* | 20,0<br>*0.787* | 39,5<br>*1.555* | 95,5<br>*3.760* | 100,0<br>*3.937* | 14,0<br>*0.551* | 14.00x11.00 | 11,0<br>*0.433* | 4 | C |

## T30-SUC

Găuri înfundate și străpunse – Fileturi NPT






—Substrat: HSSE
—Neacoperit
—Standard: DIN374
—Clasa de toleranţă a filetului: NORMAL
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 246

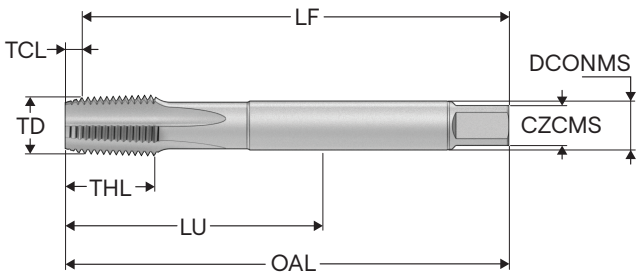
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-SU46C05-1/16-27-R | 10309723 | NPT1/16-27 | 27.0 | 2,72<br>*0.107* | 7,937<br>*0.312* | 15,0<br>*0.591* | 67<br>*2.638* | 87,3<br>*3.437* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,15<br>*0.242* | 3 | C |
| T30-SU46C05-1/8-27-R | 10309546 | NPT1/8-27 | 27.0 | 3,14<br>*0.124* | 10,287<br>*0.405* | 15,0<br>*0.591* | 67<br>*2.638* | 86,9<br>*3.421* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | C |
| T30-SU46C05-1/4-18-R | 10309547 | NPT1/4-18 | 18.0 | 4,53<br>*0.178* | 13,716<br>*0.540* | 20,0<br>*0.787* | 71<br>*2.795* | 95,5<br>*3.760* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 11,0<br>*0.433* | 4 | C |
| T30-SU46C05-3/8-18-R | 10309548 | NPT3/8-18 | 18.0 | 4,19<br>*0.165* | 17,145<br>*0.675* | 22,0<br>*0.866* | 66<br>*2.598* | 105,8<br>*4.165* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 14,4<br>*0.567* | 4 | C |
| T30-SU46C05-1/2-14-R | 10309549 | NPT1/2-14 | 14.0 | 5,65<br>*0.222* | 21,336<br>*0.840* | 27,0<br>*1.063* | 93<br>*3.661* | 134,4<br>*5.291* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 17,8<br>*0.701* | 5 | C |
| T30-SU46C05-3/4-14-R | 10309550 | NPT3/4-14 | 14.0 | 5,68<br>*0.224* | 26,67<br>*1.050* | 28,0<br>*1.102* | 77<br>*3.031* | 134,3<br>*5.287* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00x16.00 | 23,15<br>*0.911* | 5 | C |
| T30-SU46C05-1-11.1/2-R | 10309551 | NPT1 | 11.5 | 7,74<br>*0.305* | 33,401<br>*1.315* | 35,0<br>*1.378* | 93<br>*3.661* | 152,3<br>*5.996* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00x20.00 | 29,05<br>*1.144* | 6 | C |

## T30-SUC

Găuri înfundate și străpunse – Fileturi NPTF






—Substrat: HSSE
—Neacoperit
—Standard: DIN374
—Clasa de toleranţă a filetului: NORMAL
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 246

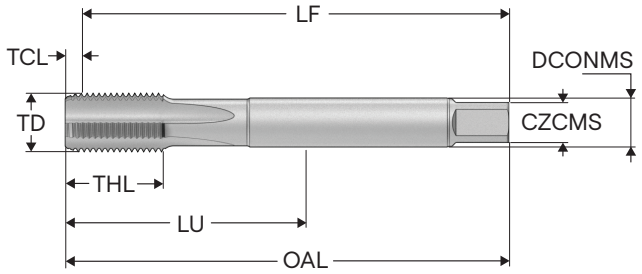
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-SU47C05-1/8-27-R | 10309552 | NPTF1/8-27 | 27.0 | 3,14<br>*0.124* | 10,287<br>*0.405* | 15,0<br>*0.591* | 67<br>*2.638* | 86,9<br>*3.421* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,45<br>*0.333* | 3 | C |
| T30-SU47C05-1/4-18-R | 10309724 | NPTF1/4-18 | 18.0 | 4,53<br>*0.178* | 13,716<br>*0.540* | 20,0<br>*0.787* | 71<br>*2.795* | 95,5<br>*3.760* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 10,9<br>*0.429* | 4 | C |
| T30-SU47C05-3/8-18-R | 10309725 | NPTF3/8-18 | 18.0 | 4,19<br>*0.165* | 17,145<br>*0.675* | 22,0<br>*0.866* | 66<br>*2.598* | 105,8<br>*4.165* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 14,3<br>*0.563* | 4 | C |
| T30-SU47C05-1/2-14-R | 10309726 | NTPF1/2 | 14.0 | 5,65<br>*0.222* | 21,336<br>*0.840* | 27,0<br>*1.063* | 93<br>*3.661* | 134,4<br>*5.291* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 17,6<br>*0.693* | 5 | C |

## T30-SUC

Găuri înfundate și străpunse– Fileturi Rc






—Substrat: HSSE
—Neacoperit
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 246

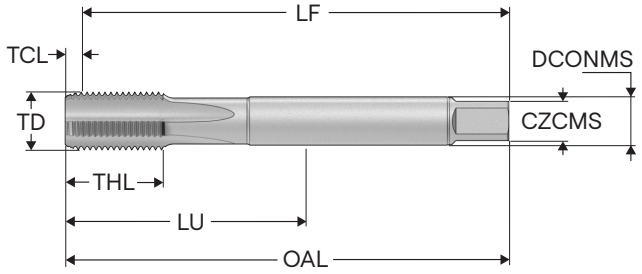
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-SU33C09-1/16-28-R | 10309722 | Rc1/16 | 28.0 | 2,55<br>*0.100* | 7,723<br>*0.304* | 15,0<br>*0.591* | 67<br>*2.638* | 87,5<br>*3.445* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,15<br>*0.242* | 3 | C |
| T30-SU33C09-1/8-28-R | 10309542 | Rc1/8 | 28.0 | 2,56<br>*0.101* | 9,728<br>*0.383* | 15,0<br>*0.591* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,15<br>*0.321* | 3 | C |
| T30-SU33C09-1/4-19-R | 10309543 | Rc1/4 | 19.0 | 3,67<br>*0.144* | 13,157<br>*0.518* | 19,0<br>*0.748* | 71<br>*2.795* | 96,3<br>*3.791* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 10,85<br>*0.427* | 4 | C |
| T30-SU33C09-3/8-19-R | 10309544 | Rc3/8 | 19.0 | 3,61<br>*0.142* | 16,662<br>*0.656* | 21,0<br>*0.827* | 58<br>*2.283* | 96,4<br>*3.795* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,3<br>*0.563* | 4 | C |
| T30-SU33C09-1/2-14-R | 10309545 | Rc1/2 | 14.0 | 5,07<br>*0.200* | 20,955<br>*0.825* | 26,0<br>*1.024* | 80<br>*3.150* | 119,9<br>*4.720* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 17,8<br>*0.701* | 5 | C |

## T30-SUC

Găuri înfundate și străpunse – Fileturi Rp






—Substrat: HSSE
—Neacoperit
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 246

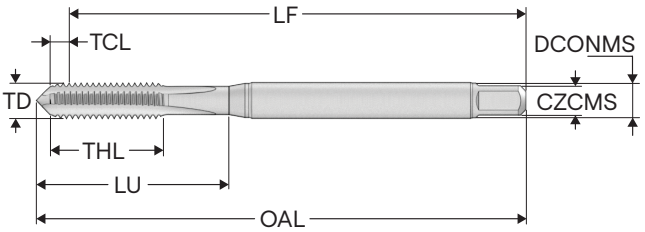
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T30-SU32C09-1/8-28-R | 10309540 | Rp1/8 | 28.0 | 2,24<br>*0.088* | 9,728<br>*0.383* | 18,0<br>*0.709* | 67<br>*2.638* | 87,8<br>*3.457* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 8,6<br>*0.339* | 3 | C |
| T30-SU32C09-1/4-19-R | 10309541 | Rp1/4 | 19.0 | 3,27<br>*0.129* | 13,157<br>*0.518* | 22,0<br>*0.866* | 71<br>*2.795* | 96,7<br>*3.807* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 11,5<br>*0.453* | 4 | C |
| T30-SU32C09-3/8-19-R | 10309720 | Rp3/8 | 19.0 | 3,28<br>*0.129* | 16,662<br>*0.656* | 22,0<br>*0.866* | 58<br>*2.283* | 96,7<br>*3.807* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,0<br>*0.591* | 4 | C |
| T30-SU32C09-1/2-14-R | 10309721 | Rp1.2 | 14.0 | 4,71<br>*0.185* | 20,955<br>*0.825* | 25,0<br>*0.984* | 80<br>*3.150* | 120,3<br>*4.736* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | C |

## T32-SNC-micro

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 4H
—Regimuri de aşchiere, vezi pagina(paginile) 248

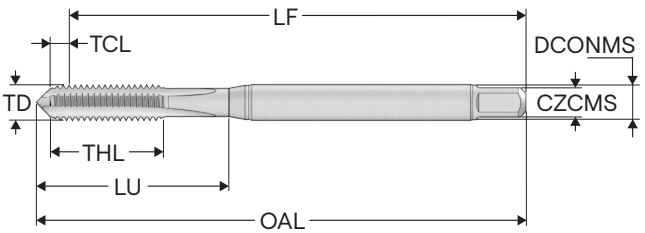
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C03-1X0.25-41R | 10139661 | M1 | 0,25 | 0,68<br>*0.027* | 1,0<br>*0.039* | 6,0<br>*0.236* | 13<br>*0.512* | 39,32<br>*1.548* | 40,9<br>*1.610* | 2,5<br>*0.098* | 2.50X2.10 | 0,75<br>*0.030* | 2 | C |
| T32-SN01C03-1.1X0.25-41R | 10139662 | M1.1 | 0,25 | 0,68<br>*0.027* | 1,1<br>*0.043* | 6,0<br>*0.236* | 13<br>*0.512* | 39,32<br>*1.548* | 41,0<br>*1.614* | 2,5<br>*0.098* | 2.50X2.10 | 0,85<br>*0.033* | 2 | C |
| T32-SN01C03-1.2X0.25-41R | 10139663 | M1.2 | 0,25 | 0,68<br>*0.027* | 1,2<br>*0.047* | 6,0<br>*0.236* | 13<br>*0.512* | 39,32<br>*1.548* | 41,1<br>*1.618* | 2,5<br>*0.098* | 2.50X2.10 | 0,95<br>*0.037* | 2 | C |
| T32-SN01C03-1.4X0.3-41R | 10139664 | M1.4 | 0,3 | 0,79<br>*0.031* | 1,4<br>*0.055* | 7,0<br>*0.276* | 13<br>*0.512* | 39,21<br>*1.544* | 41,3<br>*1.626* | 2,5<br>*0.098* | 2.50X2.10 | 1,1<br>*0.043* | 2 | C |

## T32-SNC-micro

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

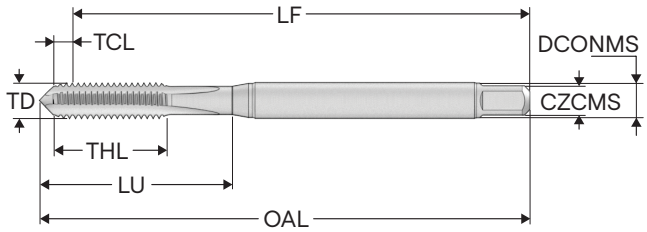
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C03-1.6X0.35-63R | 10139665 | M1.6 | 0,35 | 0,92<br>*0.036* | 1,6<br>*0.063* | 8,0<br>*0.315* | 13<br>*0.512* | 39,08<br>*1.539* | 41,4<br>*1.630* | 2,5<br>*0.098* | 2.50X2.10 | 1,25<br>*0.049* | 2 | C |
| T32-SN01C03-1.7X0.35-63R | 10139666 | M1.7 | 0,35 | 0,92<br>*0.036* | 1,7<br>*0.067* | 8,0<br>*0.315* | 13<br>*0.512* | 39,08<br>*1.539* | 41,5<br>*1.634* | 2,5<br>*0.098* | 2.50X2.10 | 1,35<br>*0.053* | 2 | C |
| T32-SN01C03-1.8X0.35-63R | 10139667 | M1.8 | 0,35 | 0,92<br>*0.036* | 1,8<br>*0.071* | 8,0<br>*0.315* | 13<br>*0.512* | 39,08<br>*1.539* | 41,6<br>*1.638* | 2,5<br>*0.098* | 2.50X2.10 | 1,45<br>*0.057* | 2 | C |
| T32-SN01C03-2X0.4-63R | 10139668 | M2 | 0,4 | 1,13<br>*0.044* | 2,0<br>*0.079* | 10,0<br>*0.394* | 13<br>*0.512* | 43,87<br>*1.727* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,6<br>*0.063* | 2 | C |
| T32-SN01C03-2.2X0.45-63R | 10139669 | M2.2 | 0,45 | 1,24<br>*0.049* | 2,2<br>*0.087* | 10,0<br>*0.394* | 13<br>*0.512* | 43,76<br>*1.723* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,75<br>*0.069* | 2 | C |
| T32-SN01C03-2.3X0.4-63R | 10139670 | M2.3 | 0,4 | 1,13<br>*0.044* | 2,3<br>*0.091* | 10,0<br>*0.394* | 13<br>*0.512* | 43,87<br>*1.727* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,9<br>*0.075* | 2 | C |
| T32-SN01C03-2.5X0.45-63R | 10139672 | M2.5 | 0,45 | 1,24<br>*0.049* | 2,5<br>*0.098* | 9,0<br>*0.354* | 14<br>*0.551* | 48,76<br>*1.920* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,05<br>*0.081* | 2 | C |
| T32-SN01C03-2.6X0.45-63R | 10139673 | M2.6 | 0,45 | 1,24<br>*0.049* | 2,6<br>*0.102* | 9,0<br>*0.354* | 14<br>*0.551* | 48,76<br>*1.920* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,15<br>*0.085* | 2 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de așchiere, vezi pagina(paginile) 248

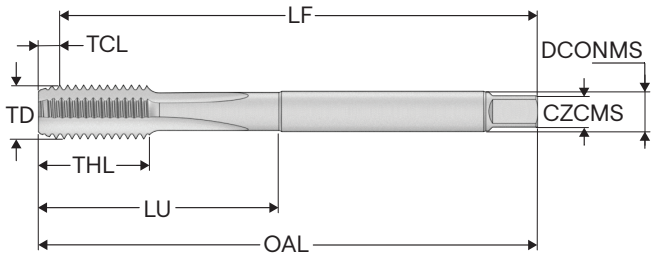
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C03-3X0.5-63R | 10139674 | M3 | 0,5 | 1,1<br>*0.043* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,9<br>*2.161* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-SN01C03-3.5X0.6-63R | 10139675 | M3.5 | 0,6 | 1,28<br>*0.050* | 3,5<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 54,72<br>*2.154* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | C |
| T32-SN01C03-4X0.7-63R | 10139676 | M4 | 0,7 | 1,61<br>*0.063* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 61,39<br>*2.417* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-SN01C03-4.5X0.75-63R | 10139677 | M4.5 | 0,75 | 1,61<br>*0.063* | 4,5<br>*0.177* | 14,0<br>*0.551* | 25<br>*0.984* | 68,39<br>*2.693* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | C |
| T32-SN01C03-5X0.8-63R | 10139678 | M5 | 0,8 | 1,78<br>*0.070* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 68,22<br>*2.686* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-SN01C03-6X1-63R | 10139679 | M6 | 1,0 | 2,14<br>*0.084* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 77,86<br>*3.065* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T32-SN01C03-7X1-63R | 10139680 | M7 | 1,0 | 2,14<br>*0.084* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 77,86<br>*3.065* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | C |
| T32-SN01C03-8X1.25-63R | 10139681 | M8 | 1,25 | 2,94<br>*0.116* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,06<br>*3.428* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T32-SN01C03-9X1.25-63R | 10139682 | M9 | 1,25 | 2,94<br>*0.116* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 87,06<br>*3.428* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | C |
| T32-SN01C03-10X1.5-63R | 10139683 | M10 | 1,5 | 3,55<br>*0.140* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 96,45<br>*3.797* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

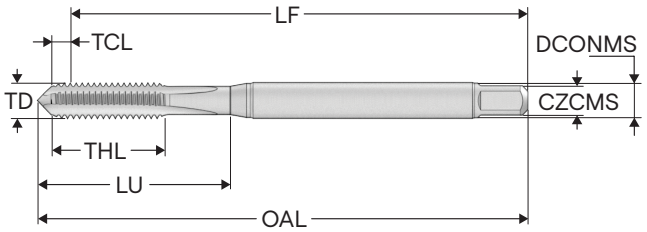
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C06-3X0.5-63R | 10139694 | M3 | 0,5 | 1,1<br>*0.043* | 3,0<br>*0.118* | 11,0<br>*0.433* | 36<br>*1.417* | 54,9<br>*2.161* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20X1.80 | 2,5<br>*0.098* | 3 | C |
| T32-SN01C06-4X0.7-63R | 10139696 | M4 | 0,7 | 1,61<br>*0.063* | 4,0<br>*0.157* | 12,0<br>*0.472* | 43<br>*1.693* | 61,39<br>*2.417* | 64,6<br>*2.543* | 2,8<br>*0.110* | 2.80X2.10 | 3,3<br>*0.130* | 3 | C |
| T32-SN01C06-5X0.8-63R | 10139697 | M5 | 0,8 | 1,78<br>*0.070* | 5,0<br>*0.197* | 14,0<br>*0.551* | 49<br>*1.929* | 68,22<br>*2.686* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50X2.70 | 4,2<br>*0.165* | 3 | C |
| T32-SN01C06-6X1-63R | 10139698 | M6 | 1,0 | 2,14<br>*0.084* | 6,0<br>*0.236* | 18,0<br>*0.709* | 59<br>*2.323* | 77,86<br>*3.065* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50X3.40 | 5,0<br>*0.197* | 3 | C |
| T32-SN01C06-8X1.25-63R | 10139700 | M8 | 1,25 | 2,94<br>*0.116* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 87,06<br>*3.428* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 6,8<br>*0.268* | 3 | C |
| T32-SN01C06-10X1.5-63R | 10139702 | M10 | 1,5 | 3,55<br>*0.140* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 96,45<br>*3.797* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,5<br>*0.335* | 3 | C |
| T32-SN01C06-12X1.75-63R | 10139703 | M12 | 1,75 | 4,17<br>*0.164* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 105,83<br>*4.167* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-SN01C06-14X2-63R | 10139704 | M14 | 2,0 | 4,78<br>*0.188* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 105,22<br>*4.143* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 4 | C |
| T32-SN01C06-16X2-63R | 10139705 | M16 | 2,0 | 4,88<br>*0.192* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 105,12<br>*4.139* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T32-SN01C06-18X2.5-63R | 10139706 | M18 | 2,5 | 5,97<br>*0.235* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 119,03<br>*4.686* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 15,5<br>*0.610* | 4 | C |
| T32-SN01C06-20X2.5-63R | 10139707 | M20 | 2,5 | 6,17<br>*0.243* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 133,83<br>*5.269* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |
| T32-SN01C06-22X2.5-63R | 10139708 | M22 | 2,5 | 6,17<br>*0.243* | 22,0<br>*0.866* | 32,0<br>*1.260* | 93<br>*3.661* | 133,83<br>*5.269* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | C |
| T32-SN01C06-24X3-63R | 10139709 | M24 | 3,0 | 7,4<br>*0.291* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 152,6<br>*6.008* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T32-SN01C06-27X3-63R | 10139710 | M27 | 3,0 | 7,4<br>*0.291* | 27,0<br>*1.063* | 38,0<br>*1.496* | 97<br>*3.819* | 152,6<br>*6.008* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 24,0<br>*0.945* | 4 | C |
| T32-SN01C06-30X3.5-63R | 10139711 | M30 | 3,5 | 8,4<br>*0.331* | 30,0<br>*1.181* | 45,0<br>*1.772* | 115<br>*4.528* | 171,6<br>*6.756* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | C |
| T32-SN01C06-33X3.5-63R | 10139712 | M33 | 3,5 | 8,4<br>*0.331* | 33,0<br>*1.299* | 45,0<br>*1.772* | 113<br>*4.449* | 171,6<br>*6.756* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00X20.00 | 29,5<br>*1.161* | 4 | C |
| T32-SN01C06-36X4-63R | 10139713 | M36 | 4,0 | 9,4<br>*0.370* | 36,0<br>*1.417* | 50,0<br>*1.969* | 131<br>*5.157* | 190,6<br>*7.504* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 32,0<br>*1.260* | 4 | C |
| T32-SN01C06-39X4-63R | 10139714 | M39 | 4,0 | 9,4<br>*0.370* | 39,0<br>*1.535* | 50,0<br>*1.969* | 102<br>*4.016* | 190,6<br>*7.504* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 35,0<br>*1.378* | 4 | C |
| T32-SN01C06-42X4.5-63R | 10139715 | M42 | 4,5 | 10,4<br>*0.409* | 42,0<br>*1.654* | 60,0<br>*2.362* | 102<br>*4.016* | 189,6<br>*7.465* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 37,5<br>*1.476* | 5 | C |
| T32-SN01C06-45X4.5-63R | 10139716 | M45 | 4,5 | 10,42<br>*0.410* | 45,0<br>*1.772* | 60,0<br>*2.362* | 117<br>*4.606* | 209,58<br>*8.251* | 220,0<br>*8.661* | 36,0<br>*1.417* | 36.00X29.00 | 40,5<br>*1.594* | 5 | C |
| T32-SN01C06-48X5-63R | 10139717 | M48 | 5,0 | 11,4<br>*0.449* | 48,0<br>*1.890* | 65,0<br>*2.559* | 147<br>*5.787* | 238,6<br>*9.394* | 250,0<br>*9.843* | 36,0<br>*1.417* | 36.00X29.00 | 43,0<br>*1.693* | 5 | C |
| T32-SN01C06-52X5-63R | 10139718 | M52 | 5,0 | 11,4<br>*0.449* | 52,0<br>*2.047* | 65,0<br>*2.559* | 120<br>*4.724* | 238,6<br>*9.394* | 250,0<br>*9.843* | 40,0<br>*1.575* | 40.00X32.00 | 47,0<br>*1.850* | 5 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi metrice rare, filet stânga






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

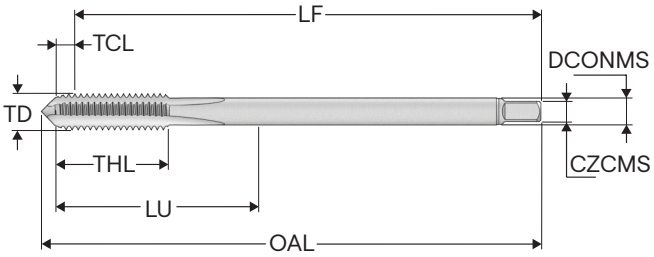
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C03-3X0.5-63L | 10139686 | M3 | 0,5 | 1,1<br>*0.043* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,9<br>*2.161* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-SN01C03-4X0.7-63L | 10139687 | M4 | 0,7 | 1,61<br>*0.063* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 61,39<br>*2.417* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-SN01C03-5X0.8-63L | 10139688 | M5 | 0,8 | 1,78<br>*0.070* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 68,22<br>*2.686* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-SN01C03-6X1-63L | 10139689 | M6 | 1,0 | 2,14<br>*0.084* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 77,86<br>*3.065* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T32-SN01C03-7X1-63L | 10139690 | M7 | 1,0 | 2,14<br>*0.084* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 77,86<br>*3.065* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | C |
| T32-SN01C03-8X1.25-63L | 10139691 | M8 | 1,25 | 2,94<br>*0.116* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,06<br>*3.428* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T32-SN01C03-9X1.25-63L | 10139692 | M9 | 1,25 | 2,94<br>*0.116* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 87,06<br>*3.428* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | C |
| T32-SN01C03-10X1.5-63L | 10139693 | M10 | 1,5 | 3,55<br>*0.140* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 96,45<br>*3.797* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi metrice rare, filet stânga






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

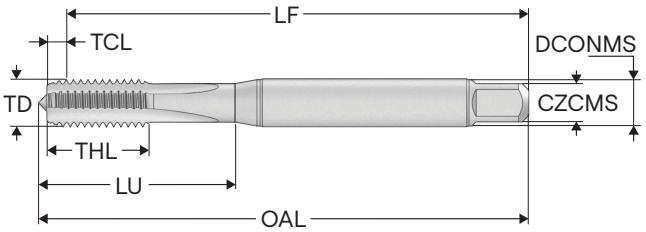
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN01C06-12X1.75-63L | 10139751 | M12 | 1,75 | 4,17<br>*0.164* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 105,83<br>*4.167* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-SN01C06-16X2-63L | 10139752 | M16 | 2,0 | 4,88<br>*0.192* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 105,12<br>*4.139* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T32-SN01C06-20X2.5-63L | 10139753 | M20 | 2,5 | 6,17<br>*0.243* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 133,83<br>*5.269* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |
| T32-SN01C06-24X3-63L | 10139754 | M24 | 3,0 | 7,4<br>*0.291* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 152,6<br>*6.008* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

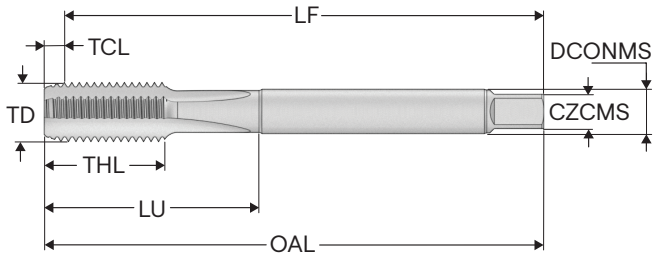
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN02C03-8X1-63R | 10139684 | MF8X1.0 | 1,0 | 2,44<br>*0.096* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,56<br>*3.447* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | C |
| T32-SN02C03-10X1-63R | 10139685 | MF10X1.0 | 1,0 | 2,54<br>*0.100* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 87,46<br>*3.443* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi MF






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- Regimuri de așchiere, vezi pagina(paginile) 248

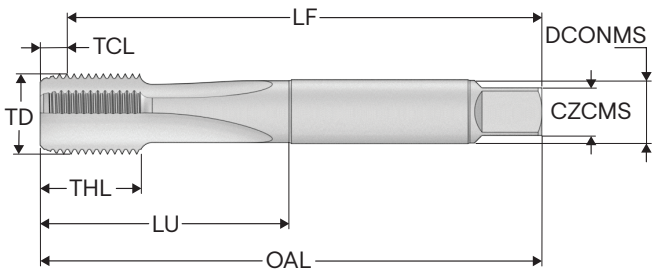
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN02C05-8X1-63R | 10139719 | MF8X1.0 | 1,0 | 2,44<br>*0.096* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 87,56<br>*3.447* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | C |
| T32-SN02C05-10X0.75-63R | 10139720 | MF10X0.75 | 0,75 | 3,43<br>*0.135* | 10,0<br>*0.394* | 18,0<br>*0.709* | 67<br>*2.638* | 86,57<br>*3.408* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,2<br>*0.362* | 3 | C |
| T32-SN02C05-10X1-63R | 10139721 | MF10X1.0 | 1,0 | 2,54<br>*0.100* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 87,46<br>*3.443* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | C |
| T32-SN02C05-10X1.25-63R | 10139722 | MF10X1.25 | 1,25 | 3,04<br>*0.120* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 96,96<br>*3.817* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | C |
| T32-SN02C05-12X1-63R | 10139723 | MF12X1.0 | 1,0 | 2,65<br>*0.104* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 97,35<br>*3.833* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,0<br>*0.433* | 3 | C |
| T32-SN02C05-12X1.25-63R | 10139724 | MF12X1.25 | 1,25 | 3,16<br>*0.124* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 96,84<br>*3.813* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,8<br>*0.425* | 3 | C |
| T32-SN02C05-12X1.5-63R | 10139725 | MF12X1.5 | 1,5 | 3,66<br>*0.144* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 96,34<br>*3.793* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | C |
| T32-SN02C05-14X1-63R | 10139726 | MF14X1.0 | 1,0 | 2,75<br>*0.108* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 97,25<br>*3.829* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 4 | C |
| T32-SN02C05-14X1.25-63R | 10139727 | MF14X1.25 | 1,25 | 3,26<br>*0.128* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 96,74<br>*3.809* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,8<br>*0.504* | 4 | C |
| T32-SN02C05-14X1.5-63R | 10139728 | MF14X1.5 | 1,5 | 3,76<br>*0.148* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 96,24<br>*3.789* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | C |
| T32-SN02C05-16X1-63R | 10139729 | MF16X1.0 | 1,0 | 2,85<br>*0.112* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 97,15<br>*3.825* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,0<br>*0.591* | 4 | C |
| T32-SN02C05-16X1.5-63R | 10139730 | MF16X1.5 | 1,5 | 3,86<br>*0.152* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 96,14<br>*3.785* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |
| T32-SN02C05-18X1.5-63R | 10139731 | MF18X1.5 | 1,5 | 3,96<br>*0.156* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 106,04<br>*4.175* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | C |
| T32-SN02C05-18X2-63R | 10139732 | MF18X2.0 | 2,0 | 4,98<br>*0.196* | 18,0<br>*0.709* | 27,0<br>*1.063* | 81<br>*3.189* | 120,02<br>*4.725* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,0<br>*0.630* | 4 | C |
| T32-SN02C05-20X1.5-63R | 10139733 | MF20X1.5 | 1,5 | 4,16<br>*0.164* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 120,84<br>*4.757* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 18,5<br>*0.728* | 4 | C |
| T32-SN02C05-20X2-63R | 10139734 | MF20X2.0 | 2,0 | 5,18<br>*0.204* | 20,0<br>*0.787* | 27,0<br>*1.063* | 95<br>*3.740* | 134,82<br>*5.308* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,0<br>*0.709* | 4 | C |
| T32-SN02C05-22X1.5-63R | 10139735 | MF22X1.5 | 1,5 | 4,16<br>*0.164* | 22,0<br>*0.866* | 24,0<br>*0.945* | 78<br>*3.071* | 120,84<br>*4.757* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | C |
| T32-SN02C05-22X2-63R | 10139736 | MF22X2.0 | 2,0 | 5,18<br>*0.204* | 22,0<br>*0.866* | 27,0<br>*1.063* | 93<br>*3.661* | 134,82<br>*5.308* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 20,0<br>*0.787* | 4 | C |
| T32-SN02C05-24X1.5-63R | 10139737 | MF24X1.5 | 1,5 | 3,88<br>*0.153* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 136,12<br>*5.359* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,5<br>*0.886* | 4 | C |
| T32-SN02C05-24X2-63R | 10139738 | MF24X2.0 | 2,0 | 4,89<br>*0.193* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 135,11<br>*5.319* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,0<br>*0.866* | 4 | C |
| T32-SN02C05-27X1.5-63R | 10139739 | MF27X1.5 | 1,5 | 4,38<br>*0.172* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 135,62<br>*5.339* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,5<br>*1.004* | 4 | C |
| T32-SN02C05-27X2-63R | 10139740 | MF27X2.0 | 2,0 | 5,39<br>*0.212* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 134,61<br>*5.300* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,0<br>*0.984* | 4 | C |
| T32-SN02C05-30X1.5-63R | 10139741 | MF30X1.5 | 1,5 | 4,38<br>*0.172* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 145,62<br>*5.733* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,5<br>*1.122* | 4 | C |
| T32-SN02C05-30X2-63R | 10139742 | MF30X1.0 | 2,0 | 5,39<br>*0.212* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 144,61<br>*5.693* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,0<br>*1.102* | 4 | C |

## T32-SNC

Găuri înfundate și străpunse – Fileturi G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—Regimuri de aşchiere, vezi pagina(paginile) 248

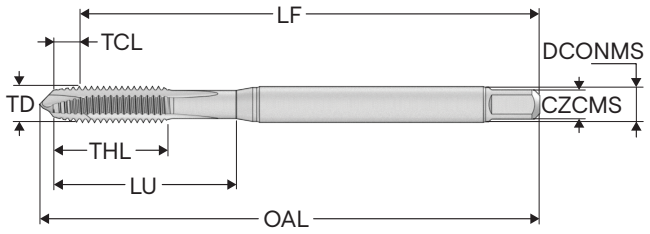
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-SN21C09-1/8-28-11R | 10139743 | G1/8-28 | 28,0 | 2,43<br>*0.096* | 9,728<br>*0.383* | 18,0<br>*0.709* | 67<br>*2.638* | 87,57<br>*3.448* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | C |
| T32-SN21C09-1/4-19-11R | 10139744 | G1/4-19 | 19,0 | 3,52<br>*0.139* | 13,157<br>*0.518* | 22,0<br>*0.866* | 71<br>*2.795* | 96,48<br>*3.798* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 11,8<br>*0.465* | 4 | C |
| T32-SN21C09-3/8-19-11R | 10139745 | G3/8-19 | 19,0 | 3,72<br>*0.146* | 16,662<br>*0.656* | 22,0<br>*0.866* | 58<br>*2.283* | 96,28<br>*3.791* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 4 | C |
| T32-SN21C09-1/2-14-11R | 10139746 | G1/2-14 | 14,0 | 5,02<br>*0.198* | 20,955<br>*0.825* | 25,0<br>*0.984* | 80<br>*3.150* | 119,98<br>*4.724* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,0<br>*0.748* | 4 | C |
| T32-SN21C09-5/8-14-11R | 10139747 | G5/8-14 | 14,0 | 4,94<br>*0.194* | 22,911<br>*0.902* | 25,0<br>*0.984* | 78<br>*3.071* | 120,06<br>*4.727* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T32-SN21C09-3/4-14-11R | 10139748 | G3/4-14 | 14,0 | 5,19<br>*0.204* | 26,441<br>*1.041* | 28,0<br>*1.102* | 77<br>*3.031* | 134,81<br>*5.307* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 24,5<br>*0.965* | 4 | C |
| T32-SN21C09-7/8-14-11R | 10139749 | G7/8-14 | 14,0 | 5,13<br>*0.202* | 30,201<br>*1.189* | 30,0<br>*1.181* | 85<br>*3.346* | 144,87<br>*5.704* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,25<br>*1.112* | 4 | C |
| T32-SN21C09-1-11-11R | 10139750 | G1-11 | 11,0 | 6,03<br>*0.237* | 33,249<br>*1.309* | 32,0<br>*1.260* | 93<br>*3.661* | 153,97<br>*6.062* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00X20.00 | 30,75<br>*1.211* | 4 | C |

## T32-PNB-micro

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 4H
—Regimuri de aşchiere, vezi pagina(paginile) 248

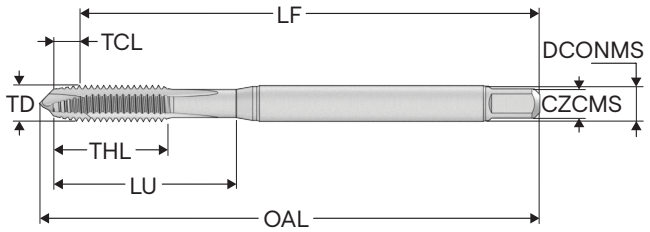
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B03-1X0.25-41R | 10139427 | M1 | 0,25 | 1,13<br>*0.044* | 1,0<br>*0.039* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 40,9<br>*1.610* | 2,5<br>*0.098* | 2.50X2.10 | 0,75<br>*0.030* | 2 | B |
| T32-PN01B03-1.1X0.25-41R | 10139428 | M1.1 | 0,25 | 1,13<br>*0.044* | 1,1<br>*0.043* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 41,0<br>*1.614* | 2,5<br>*0.098* | 2.50X2.10 | 0,85<br>*0.033* | 2 | B |
| T32-PN01B03-1.2X0.25-41R | 10139429 | M1.2 | 0,25 | 1,13<br>*0.044* | 1,2<br>*0.047* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 41,1<br>*1.618* | 2,5<br>*0.098* | 2.50X2.10 | 0,95<br>*0.037* | 2 | B |
| T32-PN01B03-1.4X0.3-41R | 10139430 | M1.4 | 0,3 | 1,32<br>*0.052* | 1,4<br>*0.055* | 7,0<br>*0.276* | 13<br>*0.512* | 38,68<br>*1.523* | 41,3<br>*1.626* | 2,5<br>*0.098* | 2.50X2.10 | 1,1<br>*0.043* | 2 | B |

## T32-PNB-micro

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

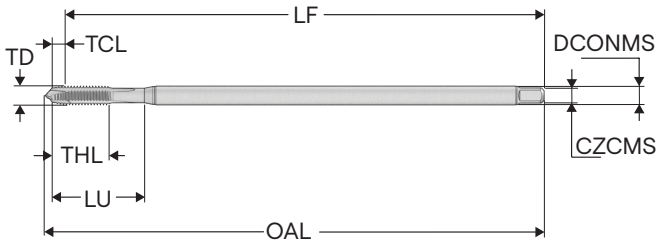
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B03-1.6X0.35-63R | 10139431 | M1.6 | 0,35 | 1,54<br>*0.061* | 1,6<br>*0.063* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,4<br>*1.630* | 2,5<br>*0.098* | 2.50X2.10 | 1,25<br>*0.049* | 2 | B |
| T32-PN01B03-1.7X0.35-63R | 10139432 | M1.7 | 0,35 | 1,54<br>*0.061* | 1,7<br>*0.067* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,5<br>*1.634* | 2,5<br>*0.098* | 2.50X2.10 | 1,35<br>*0.053* | 2 | B |
| T32-PN01B03-1.8X0.35-63R | 10139433 | M1.8 | 0,35 | 1,54<br>*0.061* | 1,8<br>*0.071* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,6<br>*1.638* | 2,5<br>*0.098* | 2.50X2.10 | 1,45<br>*0.057* | 2 | B |
| T32-PN01B03-2X0.4-63R | 10139434 | M2 | 0,4 | 1,89<br>*0.074* | 2,0<br>*0.079* | 10,0<br>*0.394* | 13<br>*0.512* | 43,11<br>*1.697* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,6<br>*0.063* | 2 | B |
| T32-PN01B03-2.2X0.45-63R | 10139435 | M2.2 | 0,45 | 2,07<br>*0.081* | 2,2<br>*0.087* | 10,0<br>*0.394* | 13<br>*0.512* | 42,93<br>*1.690* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,75<br>*0.069* | 2 | B |
| T32-PN01B03-2.3X0.4-63R | 10139436 | M2.3 | 0,4 | 1,89<br>*0.074* | 2,3<br>*0.091* | 10,0<br>*0.394* | 13<br>*0.512* | 43,11<br>*1.697* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,9<br>*0.075* | 2 | B |
| T32-PN01B03-2.5X0.45-63R | 10139437 | M2.5 | 0,45 | 2,07<br>*0.081* | 2,5<br>*0.098* | 9,0<br>*0.354* | 14<br>*0.551* | 47,93<br>*1.887* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,05<br>*0.081* | 2 | B |
| T32-PN01B03-2.6X0.45-63R | 10139438 | M2.6 | 0,45 | 2,07<br>*0.081* | 2,6<br>*0.102* | 9,0<br>*0.354* | 14<br>*0.551* | 47,93<br>*1.887* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,15<br>*0.085* | 2 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371/EL
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

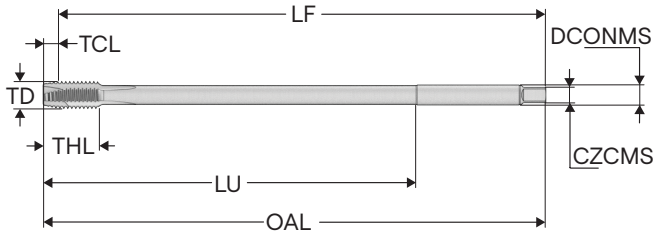
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B04-3X0.5-63R | 10139652 | M3 | 0,5 | 2,28<br>*0.090* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 97,72<br>*3.847* | 101,2<br>*3.984* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B04-4X0.7-63R | 10139653 | M4 | 0,7 | 3,33<br>*0.131* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 121,67<br>*4.790* | 126,6<br>*4.984* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B04-5X0.8-63R | 10139654 | M5 | 0,8 | 3,68<br>*0.145* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 136,32<br>*5.367* | 142,0<br>*5.591* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B04-6X1-63R | 10139655 | M6 | 1,0 | 4,41<br>*0.174* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 155,59<br>*6.126* | 162,4<br>*6.394* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376/EL
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

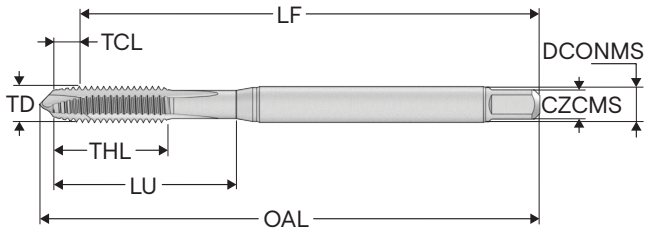
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B07-8X1.25-63R | 10139656 | M8 | 1,25 | 5,7<br>*0.224* | 8,0<br>*0.315* | 20,0<br>*0.787* | 157<br>*6.181* | 174,3<br>*6.862* | 180,0<br>*7.087* | 6,0<br>*0.236* | 6.00X4.90 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B07-10X1.5-63R | 10139657 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 177<br>*6.969* | 193,16<br>*7.605* | 200,0<br>*7.874* | 7,0<br>*0.276* | 7.00X5.50 | 8,5<br>*0.335* | 3 | B |
| T32-PN01B07-12X1.75-63R | 10139658 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 211,99<br>*8.346* | 220,0<br>*8.661* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T32-PN01B07-16X2-63R | 10139659 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 191<br>*7.520* | 210,76<br>*8.298* | 220,0<br>*8.661* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

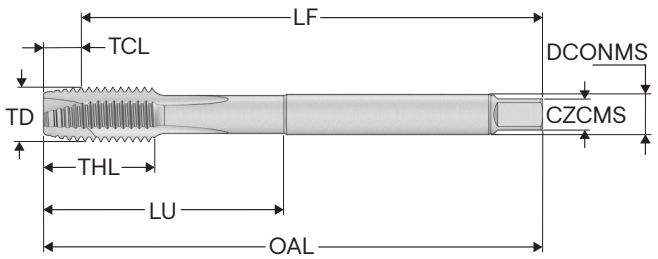
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B03-3X0.5-63R | 10139439 | M3 | 0,5 | 2,28<br>*0.090* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,72<br>*2.115* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B03-3.5X0.6-63R | 10139440 | M3.5 | 0,6 | 2,65<br>*0.104* | 3,5<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 53,35<br>*2.100* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | B |
| T32-PN01B03-4X0.7-63R | 10139441 | M4 | 0,7 | 3,33<br>*0.131* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,67<br>*2.349* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B03-4.5X0.75-63R | 10139442 | M4.5 | 0,75 | 3,33<br>*0.131* | 4,5<br>*0.177* | 14,0<br>*0.551* | 25<br>*0.984* | 66,67<br>*2.625* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | B |
| T32-PN01B03-5X0.8-63R | 10139443 | M5 | 0,8 | 3,68<br>*0.145* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,32<br>*2.611* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B03-6X1-63R | 10139444 | M6 | 1,0 | 4,41<br>*0.174* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,59<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |
| T32-PN01B03-7X1-63R | 10139445 | M7 | 1,0 | 4,41<br>*0.174* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 75,59<br>*2.976* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | B |
| T32-PN01B03-8X1.25-63R | 10139446 | M8 | 1,25 | 5,43<br>*0.214* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,57<br>*3.330* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B03-9X1.25-63R | 10139447 | M9 | 1,25 | 5,7<br>*0.224* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 84,3<br>*3.319* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | B |
| T32-PN01B03-10X1.5-63R | 10139448 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,16<br>*3.668* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare





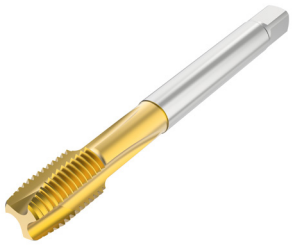

—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

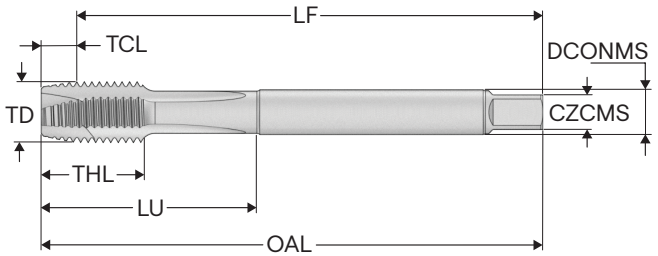
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B06-3X0.5-63R | 10139482 | M3 | 0,5 | 2,2<br>*0.087* | 3,0<br>*0.118* | 11,0<br>*0.433* | 36<br>*1.417* | 53,8<br>*2.118* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20X1.80 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B06-4X0.7-63R | 10139484 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 43<br>*1.693* | 59,7<br>*2.350* | 64,6<br>*2.543* | 2,8<br>*0.110* | 2.80X2.10 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B06-5X0.8-63R | 10139485 | M5 | 0,8 | 3,6<br>*0.142* | 5,0<br>*0.197* | 14,0<br>*0.551* | 49<br>*1.929* | 66,4<br>*2.614* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50X2.70 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B06-6X1-63R | 10139486 | M6 | 1,0 | 4,4<br>*0.173* | 6,0<br>*0.236* | 18,0<br>*0.709* | 59<br>*2.323* | 75,6<br>*2.976* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50X3.40 | 5,0<br>*0.197* | 3 | B |
| T32-PN01B06-8X1.25-63R | 10139488 | M8 | 1,25 | 5,7<br>*0.224* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 84,3<br>*3.319* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B06-9X1.25-63R | 10139489 | M9 | 1,25 | 5,7<br>*0.224* | 9,0<br>*0.354* | 20,0<br>*0.787* | 67<br>*2.638* | 84,3<br>*3.319* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 7,8<br>*0.307* | 3 | B |
| T32-PN01B06-10X1.5-63R | 10139490 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 93,16<br>*3.668* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,5<br>*0.335* | 3 | B |
| T32-PN01B06-12X1.75-63R | 10139491 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 101,99<br>*4.015* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T32-PN01B06-14X2-63R | 10139492 | M14 | 2,0 | 9,14<br>*0.360* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 100,86<br>*3.971* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 3 | B |
| T32-PN01B06-16X2-63R | 10139493 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,76<br>*3.967* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |
| T32-PN01B06-18X2.5-63R | 10139494 | M18 | 2,5 | 11,38<br>*0.448* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 113,62<br>*4.473* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 15,5<br>*0.610* | 4 | B |
| T32-PN01B06-20X2.5-63R | 10139495 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,42<br>*5.056* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | B |
| T32-PN01B06-22X2.5-63R | 10139496 | M22 | 2,5 | 11,78<br>*0.464* | 22,0<br>*0.866* | 32,0<br>*1.260* | 93<br>*3.661* | 128,22<br>*5.048* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | B |
| T32-PN01B06-24X3-63R | 10139497 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,32<br>*5.761* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |
| T32-PN01B06-27X3-63R | 10139498 | M27 | 3,0 | 13,88<br>*0.546* | 27,0<br>*1.063* | 38,0<br>*1.496* | 97<br>*3.819* | 146,12<br>*5.753* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 24,0<br>*0.945* | 4 | B |
| T32-PN01B06-30X3.5-63R | 10139499 | M30 | 3,5 | 15,93<br>*0.627* | 30,0<br>*1.181* | 45,0<br>*1.772* | 115<br>*4.528* | 164,07<br>*6.459* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | B |
| T32-PN01B06-33X3.5-63R | 10139500 | M33 | 3,5 | 15,93<br>*0.627* | 33,0<br>*1.299* | 45,0<br>*1.772* | 113<br>*4.449* | 164,07<br>*6.459* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00X20.00 | 29,5<br>*1.161* | 4 | B |
| T32-PN01B06-36X4-63R | 10139501 | M36 | 4,0 | 17,97<br>*0.707* | 36,0<br>*1.417* | 50,0<br>*1.969* | 131<br>*5.157* | 182,03<br>*7.167* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 32,0<br>*1.260* | 4 | B |
| T32-PN01B06-39X4-63R | 10139502 | M39 | 4,0 | 17,97<br>*0.707* | 39,0<br>*1.535* | 50,0<br>*1.969* | 102<br>*4.016* | 182,03<br>*7.167* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 35,0<br>*1.378* | 4 | B |
| T32-PN01B06-42X4.5-63R | 10139503 | M42 | 4,5 | 20,02<br>*0.788* | 42,0<br>*1.654* | 60,0<br>*2.362* | 102<br>*4.016* | 179,98<br>*7.086* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 37,5<br>*1.476* | 5 | B |
| T32-PN01B06-45X4.5-63R | 10139504 | M45 | 4,5 | 20,02<br>*0.788* | 45,0<br>*1.772* | 60,0<br>*2.362* | 117<br>*4.606* | 199,98<br>*7.873* | 220,0<br>*8.661* | 36,0<br>*1.417* | 36.00X29.00 | 40,5<br>*1.594* | 5 | B |
| T32-PN01B06-48X5-63R | 10139505 | M48 | 5,0 | 22,07<br>*0.869* | 48,0<br>*1.890* | 65,0<br>*2.559* | 147<br>*5.787* | 227,93<br>*8.974* | 250,0<br>*9.843* | 36,0<br>*1.417* | 36.00X29.00 | 43,0<br>*1.693* | 5 | B |
| T32-PN01B06-52X5-63R | 10139506 | M52 | 5,0 | 22,07<br>*0.869* | 52,0<br>*2.047* | 65,0<br>*2.559* | 120<br>*4.724* | 227,93<br>*8.974* | 250,0<br>*9.843* | 40,0<br>*1.575* | 40.00X32.00 | 47,0<br>*1.850* | 5 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

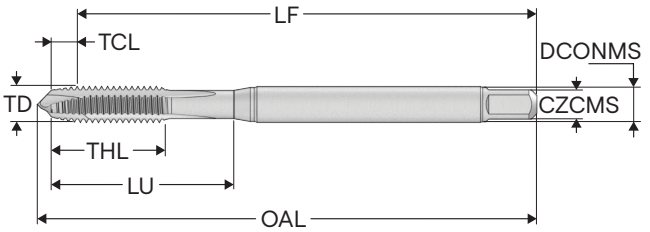
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B93-3X0.5-63R | 10308604 | M3 | 0,5 | 2,28<br>*0.090* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,7<br>*2.114* | 57,2<br>*2.252* | 3,581<br>*0.141* | 3.581x2.79 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B93-4X0.7-63R | 10280435 | M4 | 0,7 | 3,33<br>*0.131* | 4,0<br>*0.157* | 12,0<br>*0.472* | 31,19<br>*1.228* | 59,8<br>*2.354* | 64,6<br>*2.543* | 4,267<br>*0.168* | 4.267x3.33 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B93-5X0.8-63R | 10280436 | M5 | 0,8 | 3,68<br>*0.145* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25,14<br>*0.990* | 66,4<br>*2.614* | 72,0<br>*2.835* | 4,928<br>*0.194* | 4.928x3.86 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B93-6X1-63R | 10280437 | M6 | 1,0 | 4,41<br>*0.174* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30,14<br>*1.187* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,477<br>*0.255* | 6.477x4.85 | 5,0<br>*0.197* | 3 | B |
| T32-PN01B93-8X1.25-63R | 10280438 | M8 | 1,25 | 5,43<br>*0.214* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35,19<br>*1.385* | 84,7<br>*3.335* | 93,3<br>*3.673* | 8,077<br>*0.318* | 8.077x6.05 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B93-10X1.5-63R | 10280439 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39,14<br>*1.541* | 93,2<br>*3.669* | 100,0<br>*3.937* | 9,667<br>*0.381* | 9.667x7.26 | 8,5<br>*0.335* | 3 | B |
| T32-PN01B96-12X1.75-63R | 10280440 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 81,82<br>*3.221* | 101,99<br>*4.015* | 110,0<br>*4.331* | 9,322<br>*0.367* | 9.322x6.99 | 10,2<br>*0.402* | 3 | B |
| T32-PN01B96-16X2-63R | 10280441 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 25,0<br>*0.984* | 65,78<br>*2.590* | 100,76<br>*3.967* | 110,0<br>*4.331* | 12,192<br>*0.480* | 12.192x9.14 | 14,0<br>*0.551* | 3 | B |
| T32-PN01B96-18X2.5-63R | 10280442 | M18 | 2,5 | 11,38<br>*0.448* | 18,0<br>*0.709* | 32,0<br>*1.260* | 79<br>*3.110* | 113,62<br>*4.473* | 125,0<br>*4.921* | 13,767<br>*0.542* | 13.767x10.31 | 15,5<br>*0.610* | 4 | B |
| T32-PN01B96-20X2.5-63R | 10280443 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 92,47<br>*3.641* | 128,42<br>*5.056* | 140,0<br>*5.512* | 16,561<br>*0.652* | 16.561x12.42 | 17,5<br>*0.689* | 4 | B |
| T32-PN01B96-24X3-63R | 10280444 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 96,95<br>*3.817* | 146,32<br>*5.761* | 160,0<br>*6.299* | 19,304<br>*0.760* | 19.304x14.48 | 21,0<br>*0.827* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare, 6G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6G
—Regimuri de aşchiere, vezi pagina(paginile) 248

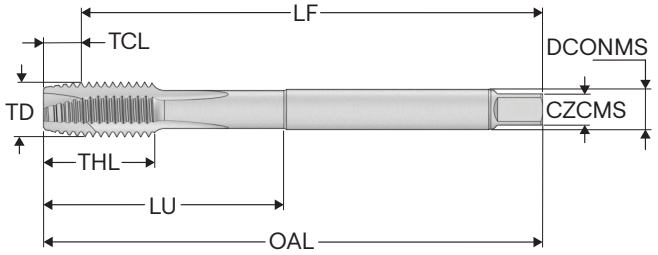
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B03-3X0.5-61R | 10139474 | M3 | 0,5 | 2,28<br>*0.090* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,72<br>*2.115* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B03-4X0.7-61R | 10139475 | M4 | 0,7 | 3,33<br>*0.131* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,67<br>*2.349* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B03-5X0.8-61R | 10139476 | M5 | 0,8 | 3,68<br>*0.145* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,32<br>*2.611* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B03-6X1-61R | 10139477 | M6 | 1,0 | 4,41<br>*0.174* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,59<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |
| T32-PN01B03-7X1-61R | 10139478 | M7 | 1,0 | 4,41<br>*0.174* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 75,59<br>*2.976* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | B |
| T32-PN01B03-8X1.25-61R | 10139479 | M8 | 1,25 | 5,43<br>*0.214* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,57<br>*3.330* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B03-9X1.25-61R | 10139480 | M9 | 1,25 | 5,7<br>*0.224* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 84,3<br>*3.319* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | B |
| T32-PN01B03-10X1.5-61R | 10139481 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,16<br>*3.668* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare, 6G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6G
—Regimuri de aşchiere, vezi pagina(paginile) 248

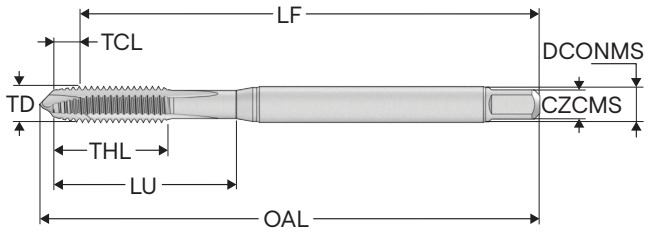
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B06-12X1.75-61R | 10139564 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 101,99<br>*4.015* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T32-PN01B06-16X2-61R | 10139565 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,76<br>*3.967* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |
| T32-PN01B06-20X2.5-61R | 10139566 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,42<br>*5.056* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | B |
| T32-PN01B06-24X3-61R | 10139567 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,32<br>*5.761* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare, filet stânga






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

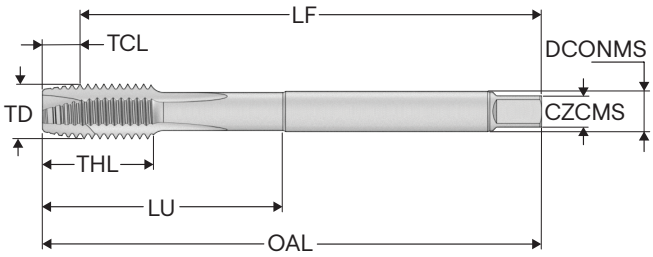
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B03-3X0.5-63L | 10139466 | M3 | 0,5 | 2,2<br>*0.087* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,8<br>*2.118* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | B |
| T32-PN01B03-4X0.7-63L | 10139467 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,7<br>*2.350* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | B |
| T32-PN01B03-5X0.8-63L | 10139468 | M5 | 0,8 | 3,6<br>*0.142* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,4<br>*2.614* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T32-PN01B03-6X1-63L | 10139469 | M6 | 1,0 | 4,4<br>*0.173* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |
| T32-PN01B03-7X1-63L | 10139470 | M7 | 1,0 | 4,4<br>*0.173* | 7,0<br>*0.276* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | B |
| T32-PN01B03-8X1.25-63L | 10139471 | M8 | 1,25 | 5,4<br>*0.213* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,6<br>*3.331* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | B |
| T32-PN01B03-9X1.25-63L | 10139472 | M9 | 1,25 | 5,7<br>*0.224* | 9,0<br>*0.354* | 20,0<br>*0.787* | 35<br>*1.378* | 84,3<br>*3.319* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | B |
| T32-PN01B03-10X1.5-63L | 10139473 | M10 | 1,5 | 6,8<br>*0.268* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,2<br>*3.669* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi metrice rare, filet stânga






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

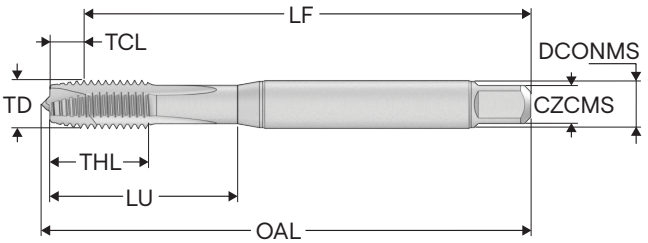
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN01B06-12X1.75-63L | 10139560 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 101,99<br>*4.015* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T32-PN01B06-16X2-63L | 10139561 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,76<br>*3.967* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |
| T32-PN01B06-20X2.5-63L | 10139562 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,42<br>*5.056* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | B |
| T32-PN01B06-24X3-63L | 10139563 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,32<br>*5.761* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi MF





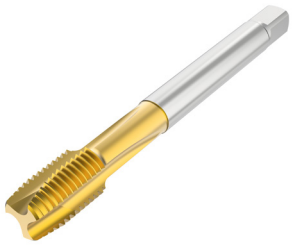

—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 248

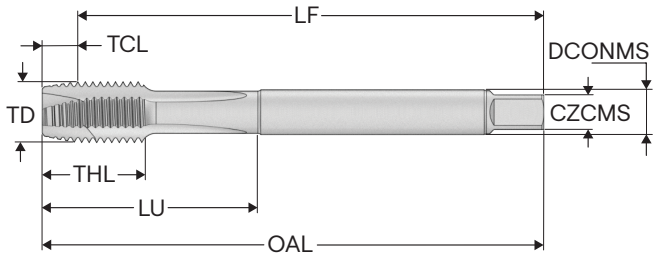
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN02B03-8X1-63R | 10139449 | MF8X1.0 | 1,0 | 4,41<br>*0.174* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 85,59<br>*3.370* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | B |
| T32-PN02B03-10X1-63R | 10139450 | MF10X1.0 | 1,0 | 4,77<br>*0.188* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 85,23<br>*3.356* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | B |
| T32-PN02B03-10X1.25-63R | 10139451 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 94,2<br>*3.709* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,8<br>*0.346* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi MF






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- Regimuri de aşchiere, vezi pagina(paginile) 248

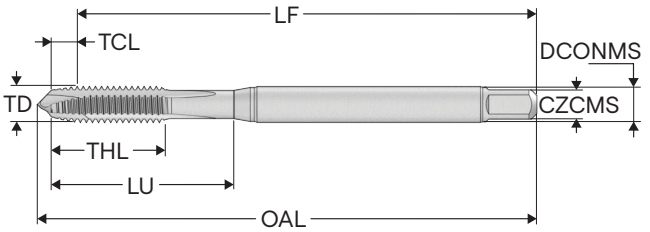
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN02B05-8X1-63R | 10139507 | MF8X1.0 | 1,0 | 4,67<br>*0.184* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 85,33<br>*3.359* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | B |
| T32-PN02B05-10X0.75-63R | 10139508 | MF10X0.75 | 0,75 | 3,73<br>*0.147* | 10,0<br>*0.394* | 18,0<br>*0.709* | 67<br>*2.638* | 86,27<br>*3.396* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,2<br>*0.362* | 3 | B |
| T32-PN02B05-10X1-63R | 10139509 | MF10X1.0 | 1,0 | 4,79<br>*0.189* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 85,21<br>*3.355* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | B |
| T32-PN02B05-10X1.25-63R | 10139510 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 94,2<br>*3.709* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | B |
| T32-PN02B05-12X1-63R | 10139511 | MF12X1.0 | 1,0 | 4,89<br>*0.193* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 95,11<br>*3.744* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,0<br>*0.433* | 3 | B |
| T32-PN02B05-12X1.25-63R | 10139512 | MF12X1.25 | 1,25 | 5,94<br>*0.234* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 94,06<br>*3.703* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,8<br>*0.425* | 3 | B |
| T32-PN02B05-12X1.5-63R | 10139513 | MF12X1.5 | 1,5 | 6,97<br>*0.274* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 93,03<br>*3.663* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | B |
| T32-PN02B05-14X1-63R | 10139514 | MF14X1.0 | 1,0 | 4,99<br>*0.196* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 95,01<br>*3.741* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 3 | B |
| T32-PN02B05-14X1.25-63R | 10139515 | MF14X1.25 | 1,25 | 6,04<br>*0.238* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 93,96<br>*3.699* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,8<br>*0.504* | 3 | B |
| T32-PN02B05-14X1.5-63R | 10139516 | MF14X1.5 | 1,5 | 7,07<br>*0.278* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 92,93<br>*3.659* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 3 | B |
| T32-PN02B05-16X1-63R | 10139517 | MF16X1.0 | 1,0 | 5,09<br>*0.200* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 94,91<br>*3.737* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,0<br>*0.591* | 3 | B |
| T32-PN02B05-16X1.5-63R | 10139518 | MF16X1.5 | 1,5 | 7,17<br>*0.282* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 92,83<br>*3.655* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 3 | B |
| T32-PN02B05-18X1.5-63R | 10139519 | MF18X1.5 | 1,5 | 7,27<br>*0.286* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 102,73<br>*4.044* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | B |
| T32-PN02B05-18X2-63R | 10139520 | MF18X2.0 | 2,0 | 9,34<br>*0.368* | 18,0<br>*0.709* | 27,0<br>*1.063* | 81<br>*3.189* | 115,66<br>*4.554* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,0<br>*0.630* | 4 | B |
| T32-PN02B05-20X1.5-63R | 10139521 | MF20X1.5 | 1,5 | 7,47<br>*0.294* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 117,53<br>*4.627* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 18,5<br>*0.728* | 4 | B |
| T32-PN02B05-20X2-63R | 10139522 | MF20X2.0 | 2,0 | 9,54<br>*0.376* | 20,0<br>*0.787* | 27,0<br>*1.063* | 95<br>*3.740* | 130,46<br>*5.136* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,0<br>*0.709* | 4 | B |
| T32-PN02B05-22X1.5-63R | 10139523 | MF22X1.5 | 1,5 | 7,67<br>*0.302* | 22,0<br>*0.866* | 24,0<br>*0.945* | 78<br>*3.071* | 117,33<br>*4.619* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | B |
| T32-PN02B05-22X2-63R | 10139524 | MF22X2.0 | 2,0 | 9,74<br>*0.383* | 22,0<br>*0.866* | 27,0<br>*1.063* | 93<br>*3.661* | 130,26<br>*5.128* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 20,0<br>*0.787* | 4 | B |
| T32-PN02B05-24X1.5-63R | 10139525 | MF24X1.5 | 1,5 | 7,5<br>*0.295* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 132,5<br>*5.217* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,5<br>*0.886* | 4 | B |
| T32-PN02B05-24X2-63R | 10139526 | MF24X2.0 | 2,0 | 9,57<br>*0.377* | 24,0<br>*0.945* | 27,0<br>*1.063* | 93<br>*3.661* | 130,43<br>*5.135* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,0<br>*0.866* | 4 | B |
| T32-PN02B05-27X1.5-63R | 10139527 | MF27X1.5 | 1,5 | 7,7<br>*0.303* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 132,3<br>*5.209* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,5<br>*1.004* | 4 | B |
| T32-PN02B05-27X2-63R | 10139528 | MF27X2.0 | 2,0 | 9,77<br>*0.385* | 27,0<br>*1.063* | 27,0<br>*1.063* | 77<br>*3.031* | 130,23<br>*5.127* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,0<br>*0.984* | 4 | B |
| T32-PN02B05-30X1.5-63R | 10139529 | MF30X1.5 | 1,5 | 7,7<br>*0.303* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 142,3<br>*5.602* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,5<br>*1.122* | 4 | B |
| T32-PN02B05-30X2-63R | 10139530 | MF30X1.0 | 2,0 | 9,77<br>*0.385* | 30,0<br>*1.181* | 27,0<br>*1.063* | 85<br>*3.346* | 140,23<br>*5.521* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,0<br>*1.102* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 248

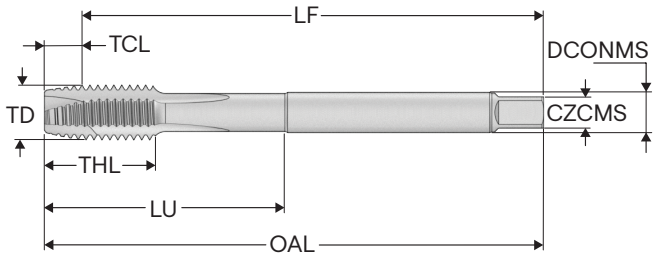
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN08B03-4-40-21R | 10139452 | UNC4-40 | 40,0 | 2,81<br>*0.111* | 2,845<br>*0.112* | 10,0<br>*0.394* | 18<br>*0.709* | 53,19<br>*2.094* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,35<br>*0.093* | 3 | B |
| T32-PN08B03-5-40-21R | 10139453 | UNC5-40 | 40,0 | 2,92<br>*0.115* | 3,175<br>*0.125* | 10,0<br>*0.394* | 18<br>*0.709* | 53,08<br>*2.090* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | B |
| T32-PN08B03-6-32-21R | 10139454 | UNC6-32 | 32,0 | 3,71<br>*0.146* | 3,505<br>*0.138* | 12,0<br>*0.472* | 20<br>*0.787* | 52,29<br>*2.059* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,85<br>*0.112* | 3 | B |
| T32-PN08B03-8-32-21R | 10139455 | UNC8-32 | 32,0 | 3,59<br>*0.141* | 4,166<br>*0.164* | 12,0<br>*0.472* | 21<br>*0.827* | 59,41<br>*2.339* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | B |
| T32-PN08B03-10-24-21R | 10139456 | UNC10-24 | 24,0 | 4,82<br>*0.190* | 4,826<br>*0.190* | 14,0<br>*0.551* | 25<br>*0.984* | 65,18<br>*2.566* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 3,9<br>*0.154* | 3 | B |
| T32-PN08B03-12-24-21R | 10139457 | UNC12-24 | 24,0 | 4,69<br>*0.185* | 5,486<br>*0.216* | 18,0<br>*0.709* | 30<br>*1.181* | 75,31<br>*2.965* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | B |
| T32-PN08B03-1/4-20-21R | 10139458 | UNC1/4-20 | 20,0 | 5,6<br>*0.220* | 6,35<br>*0.250* | 18,0<br>*0.709* | 32<br>*1.260* | 74,4<br>*2.929* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,1<br>*0.201* | 3 | B |
| T32-PN08B03-5/16-18-21R | 10139459 | UNC5/16-18 | 18,0 | 6,26<br>*0.246* | 7,937<br>*0.312* | 20,0<br>*0.787* | 35<br>*1.378* | 83,74<br>*3.297* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | B |
| T32-PN08B03-3/8-16-21R | 10139460 | UNC3/8-16 | 16,0 | 7,28<br>*0.287* | 9,525<br>*0.375* | 20,0<br>*0.787* | 39<br>*1.535* | 92,72<br>*3.650* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,0<br>*0.315* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 248

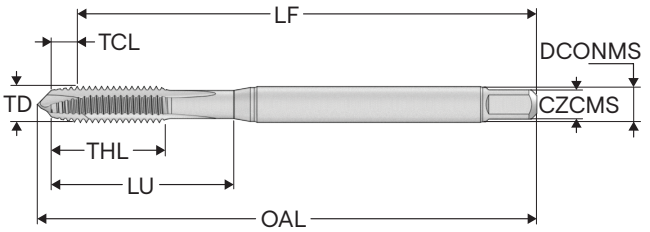
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN08B06-7/16-14-21R | 10139531 | UNC7/16-14 | 14,0 | 8,27<br>*0.326* | 11,112<br>*0.437* | 22,0<br>*0.866* | 76<br>*2.992* | 91,73<br>*3.611* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,3<br>*0.366* | 3 | B |
| T32-PN08B06-1/2-13-21R | 10139540 | UNC1/2-13 | 13,0 | 9,01<br>*0.355* | 12,7<br>*0.500* | 24,0<br>*0.945* | 83<br>*3.268* | 100,99<br>*3.976* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,7<br>*0.421* | 3 | B |
| T32-PN08B06-9/16-12-21R | 10139533 | UNC9/16-12 | 12,0 | 9,76<br>*0.384* | 14,287<br>*0.562* | 25,0<br>*0.984* | 81<br>*3.189* | 100,24<br>*3.946* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,3<br>*0.484* | 3 | B |
| T32-PN08B06-5/8-11-21R | 10139534 | UNC5/8-11 | 11,0 | 10,51<br>*0.414* | 15,875<br>*0.625* | 32,0<br>*1.260* | 68<br>*2.677* | 99,49<br>*3.917* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,5<br>*0.531* | 3 | B |
| T32-PN08B06-3/4-10-21R | 10139535 | UNC3/4-10 | 10,0 | 11,55<br>*0.455* | 19,05<br>*0.750* | 32,0<br>*1.260* | 81<br>*3.189* | 113,45<br>*4.467* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | B |
| T32-PN08B06-7/8-9-21R | 10139536 | UNC7/8-9 | 9,0 | 13,04<br>*0.513* | 22,225<br>*0.875* | 32,0<br>*1.260* | 93<br>*3.661* | 126,96<br>*4.998* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | B |
| T32-PN08B06-1-8-21R | 10139537 | UNC1-8 | 8,0 | 14,86<br>*0.585* | 25,4<br>*1.000* | 38,0<br>*1.496* | 97<br>*3.819* | 145,14<br>*5.714* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 22,25<br>*0.876* | 4 | B |
| T32-PN08B06-1_1/8-7-21R | 10139756 | UNC11/8-7 | 7,0 | 16,48<br>*0.649* | 28,575<br>*1.125* | 45,0<br>*1.772* | 115<br>*4.528* | 163,52<br>*6.438* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 25,0<br>*0.984* | 4 | B |
| T32-PN08B06-1_1/4-7-21R | 10139538 | UNC11/4-7 | 7,0 | 16,74<br>*0.659* | 31,75<br>*1.250* | 45,0<br>*1.772* | 115<br>*4.528* | 163,26<br>*6.428* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 28,0<br>*1.102* | 4 | B |
| T32-PN08B06-1_3/8-6-21R | 10139532 | UNC13/8-6 | 6,0 | 19,04<br>*0.750* | 34,925<br>*1.375* | 50,0<br>*1.969* | 131<br>*5.157* | 180,96<br>*7.124* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 30,75<br>*1.211* | 4 | B |
| T32-PN08B06-1_1/2-6-21R | 10139539 | UNC11/2-6 | 6,0 | 19,3<br>*0.760* | 38,1<br>*1.500* | 55,0<br>*2.165* | 131<br>*5.157* | 180,7<br>*7.114* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 34,0<br>*1.339* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 246

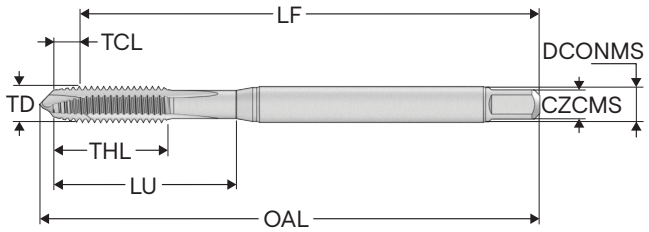
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T32-PN08B93-4-40-21R | 10280403 | UNC4-40 | 40.0 | 0.111 | 0.112 | 0.394 | 0.718 | 2.102 | 2.252 | 0.141 | 3.581x2.79 | 0.093 | 3 | B |
| T32-PN08B93-5-40-21R | 10280404 | UNC5-40 | 40.0 | 0.115 | 0.125 | 0.394 | 0.712 | 2.091 | 2.252 | 0.141 | 3.581x2.79 | 0.104 | 3 | B |
| T32-PN08B93-6-32-21R | 10280405 | UNC6-32 | 32.0 | 0.146 | 0.138 | 0.472 | 0.799 | 2.067 | 2.260 | 0.141 | 3.581x2.79 | 0.112 | 3 | B |
| T32-PN08B93-8-32-21R | 10280406 | UNC8-32 | 32.0 | 0.141 | 0.164 | 0.472 | 0.832 | 2.339 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | B |
| T32-PN08B93-10-24-21R | 10280407 | UNC10-24 | 24.0 | 0.190 | 0.190 | 0.551 | 1.000 | 2.579 | 2.835 | 0.194 | 4.928x3.86 | 0.154 | 3 | B |
| T32-PN08B93-12-24-21R | 10280408 | UNC12-24 | 24.0 | 0.185 | 0.216 | 0.709 | 1.191 | 2.969 | 3.236 | 0.220 | 5.588x4.19 | 0.177 | 3 | B |
| T32-PN08B93-1/4-20-21R | 10280409 | UNC1/4-20 | 20.0 | 0.220 | 0.250 | 0.709 | 1.187 | 2.929 | 3.244 | 0.255 | 6.477x4.85 | 0.201 | 3 | B |
| T32-PN08B93-5/16-18-21R | 10280410 | UNC5/16-18 | 18.0 | 0.246 | 0.312 | 0.787 | 1.391 | 3.307 | 3.673 | 0.318 | 8.077x6.05 | 0.260 | 3 | B |
| T32-PN08B93-3/8-16-21R | 10280411 | UNC3/8-16 | 16.0 | 0.287 | 0.375 | 0.787 | 1.541 | 3.646 | 3.937 | 0.381 | 9.667x7.26 | 0.315 | 3 | B |
| T32-PN08B96-7/16-14-21R | 10280412 | UNC7/16-14 | 14.0 | 0.326 | 0.437 | 0.591 | 2.858 | 3.619 | 3.937 | 0.323 | 8.204x6.15 | 0.366 | 3 | B |
| T32-PN08B96-1/2-13-21R | 10280413 | UNC1/2-13 | 13.0 | 0.355 | 0.500 | 0.709 | 3.221 | 3.972 | 4.331 | 0.367 | 9.322x6.99 | 0.421 | 3 | B |
| T32-PN08B96-9/16-12-21R | 10280414 | UNC9/16-12 | 12.0 | 0.384 | 0.562 | 0.787 | 3.161 | 3.943 | 4.331 | 0.429 | 10.897x8.18 | 0.484 | 3 | B |
| T32-PN08B96-5/8-11-21R | 10280415 | UNC5/8-11 | 11.0 | 0.414 | 0.625 | 0.866 | 2.590 | 3.917 | 4.331 | 0.480 | 12.192x9.14 | 0.531 | 3 | B |
| T32-PN08B96-3/4-10-21R | 10280416 | UNC3/4-10 | 10.0 | 0.455 | 0.750 | 1.260 | 3.050 | 4.467 | 4.921 | 0.590 | 14.986x11.23 | 0.650 | 4 | B |
| T32-PN08B96-7/8-9-21R | 10280417 | UNC7/8-9 | 9.0 | 0.513 | 0.875 | 1.260 | 3.581 | 4.998 | 5.512 | 0.697 | 17.704x13.28 | 0.768 | 4 | B |
| T32-PN08B96-1-8-21R | 10280418 | UNC1-8 | 8.0 | 0.585 | 1.000 | 1.496 | 3.757 | 5.710 | 6.299 | 0.800 | 20.320x15.24 | 0.876 | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi UNF





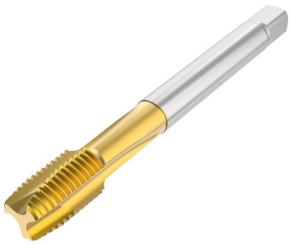

—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 248

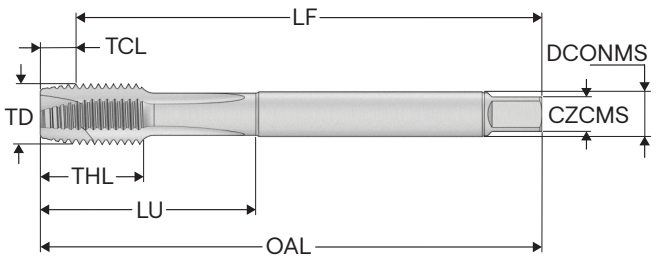
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN09B03-10-32-21R | 10139461 | UNF10-32 | 32,0 | 3,8<br>*0.150* | 4,826<br>*0.190* | 14,0<br>*0.551* | 25<br>*0.984* | 66,2<br>*2.606* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,1<br>*0.161* | 3 | B |
| T32-PN09B03-12-28-21R | 10139462 | UNF12-28 | 28,0 | 4,01<br>*0.158* | 5,486<br>*0.216* | 18,0<br>*0.709* | 30<br>*1.181* | 75,99<br>*2.992* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 4,6<br>*0.181* | 3 | B |
| T32-PN09B03-1/4-28-21R | 10139463 | UNF1/4-28 | 28,0 | 4,24<br>*0.167* | 6,35<br>*0.250* | 18,0<br>*0.709* | 30<br>*1.181* | 75,76<br>*2.983* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,5<br>*0.217* | 3 | B |
| T32-PN09B03-5/16-24-21R | 10139464 | UNF5/16-24 | 24,0 | 4,89<br>*0.193* | 7,937<br>*0.312* | 20,0<br>*0.787* | 35<br>*1.378* | 85,11<br>*3.351* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,9<br>*0.272* | 3 | B |
| T32-PN09B03-3/8-24-21R | 10139465 | UNF3/8-24 | 24,0 | 5,22<br>*0.206* | 9,525<br>*0.375* | 20,0<br>*0.787* | 35<br>*1.378* | 84,78<br>*3.338* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T32-PNB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 248

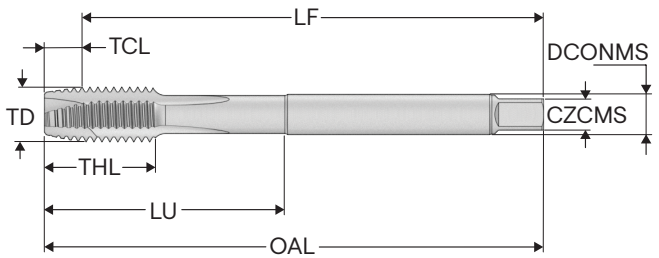
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN09B05-7/16-20-21R | 10139542 | UNF7/16-20 | 20,0 | 5,88<br>*0.231* | 11,112<br>*0.437* | 20,0<br>*0.787* | 76<br>*2.992* | 94,12<br>*3.706* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,9<br>*0.390* | 3 | B |
| T32-PN09B05-1/2-20-21R | 10139551 | UNF1/2-20 | 20,0 | 6,28<br>*0.247* | 12,7<br>*0.500* | 20,0<br>*0.787* | 73<br>*2.874* | 93,72<br>*3.690* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | B |
| T32-PN09B05-9/16-18-21R | 10139544 | UNF9/16-18 | 18,0 | 6,69<br>*0.263* | 14,287<br>*0.562* | 20,0<br>*0.787* | 71<br>*2.795* | 93,31<br>*3.674* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 3 | B |
| T32-PN09B05-5/8-18-21R | 10139545 | UNF5/8-18 | 18,0 | 6,76<br>*0.266* | 15,875<br>*0.625* | 20,0<br>*0.787* | 58<br>*2.283* | 93,24<br>*3.671* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 3 | B |
| T32-PN09B05-3/4-16-21R | 10139546 | UNF3/4-16 | 16,0 | 7,81<br>*0.307* | 19,05<br>*0.750* | 24,0<br>*0.945* | 66<br>*2.598* | 102,19<br>*4.023* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 17,5<br>*0.689* | 4 | B |
| T32-PN09B05-7/8-14-21R | 10139547 | UNF7/8-14 | 14,0 | 8,96<br>*0.353* | 22,225<br>*0.875* | 24,0<br>*0.945* | 78<br>*3.071* | 116,04<br>*4.569* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | B |
| T32-PN09B05-1-12-21R | 10139548 | UNF1-12 | 12,0 | 10,44<br>*0.411* | 25,4<br>*1.000* | 27,0<br>*1.063* | 93<br>*3.661* | 129,56<br>*5.101* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 23,3<br>*0.917* | 4 | B |
| T32-PN09B05-1_1/8-12-21R | 10139757 | UNF11/8-12 | 12,0 | 10,37<br>*0.408* | 28,575<br>*1.125* | 27,0<br>*1.063* | 85<br>*3.346* | 139,63<br>*5.497* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | B |
| T32-PN09B05-1_1/4-12-21R | 10139549 | UNF11/4-12 | 12,0 | 10,29<br>*0.405* | 31,75<br>*1.250* | 27,0<br>*1.063* | 85<br>*3.346* | 139,71<br>*5.500* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 29,5<br>*1.161* | 4 | B |
| T32-PN09B05-1_3/8-12-21R | 10139543 | UNF13/8-12 | 12,0 | 10,55<br>*0.415* | 34,925<br>*1.375* | 30,0<br>*1.181* | 101<br>*3.976* | 159,45<br>*6.278* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00X22.00 | 32,8<br>*1.291* | 4 | B |
| T32-PN09B05-1_1/2-12-21R | 10139550 | UNF11/2-12 | 12,0 | 10,48<br>*0.413* | 38,1<br>*1.500* | 30,0<br>*1.181* | 101<br>*3.976* | 159,52<br>*6.280* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00X22.00 | 36,0<br>*1.417* | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 246

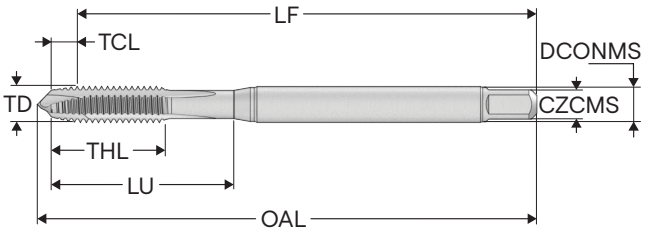
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T32-PN09B93-4-48-21R | 10280419 | UNF4-48 | 48.0 | 0.094 | 0.112 | 0.394 | 0.718 | 2.114 | 2.252 | 0.141 | 3.581x2.79 | 0.094 | 3 | B |
| T32-PN09B93-5-44-21R | 10280420 | UNF5-44 | 44.0 | 0.118 | 0.125 | 0.394 | 0.712 | 2.102 | 2.252 | 0.141 | 3.581x2.79 | 0.106 | 3 | B |
| T32-PN09B93-6-40-21R | 10280421 | UNF6-40 | 40.0 | 0.126 | 0.138 | 0.472 | 0.795 | 2.091 | 2.260 | 0.141 | 3.581x2.79 | 0.116 | 3 | B |
| T32-PN09B93-8-36-21R | 10280422 | UNF8-36 | 36.0 | 0.126 | 0.164 | 0.472 | 0.830 | 2.350 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | B |
| T32-PN09B93-10-32-21R | 10280423 | UNF10-32 | 32.0 | 0.150 | 0.190 | 0.551 | 0.994 | 2.610 | 2.835 | 0.194 | 4.928x3.86 | 0.161 | 3 | B |
| T32-PN09B93-12-28-21R | 10280424 | UNF12-28 | 28.0 | 0.158 | 0.216 | 0.709 | 1.194 | 3.000 | 3.236 | 0.220 | 5.588x4.19 | 0.181 | 3 | B |
| T32-PN09B93-1/4-28-21R | 10280425 | UNF1/4-28 | 28.0 | 0.167 | 0.250 | 0.709 | 1.179 | 2.976 | 3.244 | 0.255 | 6.477x4.85 | 0.217 | 3 | B |
| T32-PN09B93-5/16-24-21R | 10280426 | UNF5/16-24 | 24.0 | 0.193 | 0.312 | 0.787 | 1.383 | 3.350 | 3.673 | 0.318 | 8.077x6.05 | 0.272 | 3 | B |
| T32-PN09B93-3/8-24-21R | 10280427 | UNF3/8-24 | 24.0 | 0.206 | 0.375 | 0.787 | 1.383 | 3.339 | 3.543 | 0.381 | 9.667x7.26 | 0.335 | 3 | B |
| T32-PN09B95-7/16-20-21R | 10280428 | UNF7/16-20 | 20.0 | 0.231 | 0.437 | 0.591 | 2.858 | 3.706 | 3.937 | 0.323 | 8.204x6.15 | 0.390 | 3 | B |
| T32-PN09B95-1/2-20-21R | 10280429 | UNF1/2-20 | 20.0 | 0.247 | 0.500 | 0.591 | 2.828 | 3.690 | 3.937 | 0.367 | 9.322x6.99 | 0.453 | 3 | B |
| T32-PN09B95-9/16-18-21R | 10280430 | UNF9/16-18 | 18.0 | 0.263 | 0.562 | 0.591 | 2.768 | 3.674 | 3.937 | 0.429 | 10.897x8.18 | 0.512 | 3 | B |
| T32-PN09B95-5/8-18-21R | 10280431 | UNF5/8-18 | 18.0 | 0.266 | 0.625 | 0.591 | 2.196 | 3.671 | 3.937 | 0.480 | 12.192x9.14 | 0.571 | 3 | B |
| T32-PN09B95-3/4-16-21R | 10280432 | UNF3/4-16 | 16.0 | 0.307 | 0.750 | 0.945 | 2.459 | 4.023 | 4.331 | 0.590 | 14.986x11.23 | 0.689 | 4 | B |
| T32-PN09B95-7/8-14-21R | 10280433 | UNF7/8-14 | 14.0 | 0.353 | 0.875 | 0.945 | 2.990 | 4.569 | 4.921 | 0.697 | 17.704x13.28 | 0.807 | 4 | B |
| T32-PN09B95-1-12-21R | 10280434 | UNF1-12 | 12.0 | 0.411 | 1.000 | 1.063 | 2.970 | 5.101 | 5.512 | 0.800 | 20.320x15.24 | 0.917 | 4 | B |

## T32-PNB

Găuri străpunse – Fileturi G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—Regimuri de aşchiere, vezi pagina(paginile) 248

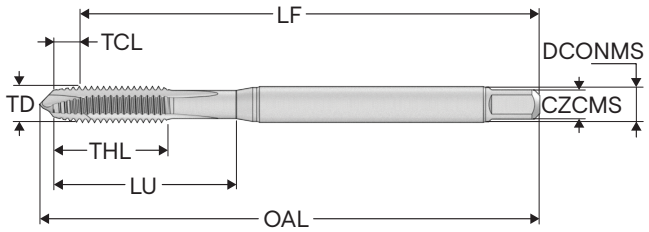
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PN21B09-1/8-28-11R | 10139552 | G1/8-28 | 28,0 | 4,76<br>*0.187* | 9,728<br>*0.383* | 18,0<br>*0.709* | 67<br>*2.638* | 85,24<br>*3.356* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | B |
| T32-PN21B09-1/4-19-11R | 10139553 | G1/4-19 | 19,0 | 6,77<br>*0.267* | 13,157<br>*0.518* | 22,0<br>*0.866* | 71<br>*2.795* | 93,23<br>*3.670* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 11,8<br>*0.465* | 3 | B |
| T32-PN21B09-3/8-19-11R | 10139554 | G3/8-19 | 19,0 | 6,89<br>*0.271* | 16,662<br>*0.656* | 22,0<br>*0.866* | 58<br>*2.283* | 93,11<br>*3.666* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 4 | B |
| T32-PN21B09-1/2-14-11R | 10139555 | G1/2-14 | 14,0 | 9,22<br>*0.363* | 20,955<br>*0.825* | 25,0<br>*0.984* | 80<br>*3.150* | 115,78<br>*4.558* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,0<br>*0.748* | 4 | B |
| T32-PN21B09-5/8-14-11R | 10139556 | G5/8-14 | 14,0 | 9,4<br>*0.370* | 22,911<br>*0.902* | 25,0<br>*0.984* | 78<br>*3.071* | 115,6<br>*4.551* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |
| T32-PN21B09-3/4-14-11R | 10139557 | G3/4-14 | 14,0 | 9,36<br>*0.369* | 26,441<br>*1.041* | 28,0<br>*1.102* | 77<br>*3.031* | 130,64<br>*5.143* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 24,5<br>*0.965* | 4 | B |
| T32-PN21B09-7/8-14-11R | 10139558 | G7/8-14 | 14,0 | 9,03<br>*0.356* | 30,201<br>*1.189* | 30,0<br>*1.181* | 85<br>*3.346* | 140,97<br>*5.550* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,25<br>*1.112* | 4 | B |
| T32-PN21B09-1-11-11R | 10139559 | G1-11 | 11,0 | 11,49<br>*0.452* | 33,249<br>*1.309* | 32,0<br>*1.260* | 93<br>*3.661* | 148,51<br>*5.847* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00X20.00 | 30,75<br>*1.211* | 4 | B |

## T32-PHB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

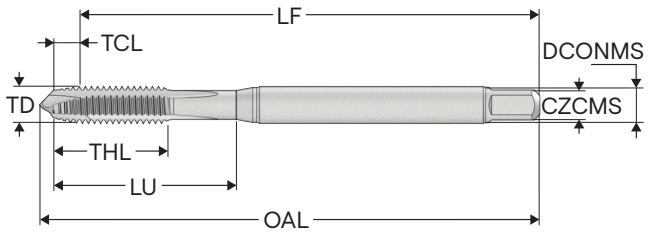
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PH01B03-3X0.5-63R | 10309408 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,8<br>*2.118* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T32-PH01B03-4X0.7-63R | 10309409 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,8<br>*2.354* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T32-PH01B03-5X0.8-63R | 10309410 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,4<br>*2.614* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T32-PH01B03-6X1-63R | 10309411 | M6 | 1,0 | 4,37<br>*0.172* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T32-PH01B03-8X1.25-63R | 10309412 | M8 | 1,25 | 5,4<br>*0.213* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,7<br>*3.335* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T32-PH01B03-10X1.5-63R | 10309413 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,2<br>*3.669* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T32-PHB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 246

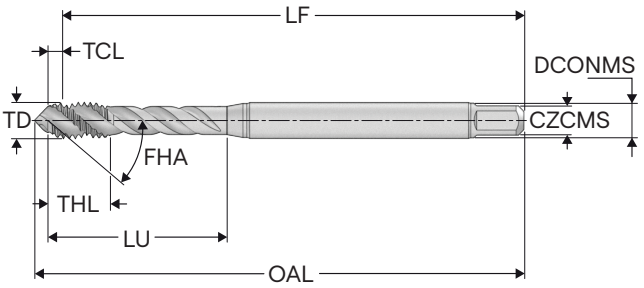
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-PH01B06-12X1.75-63R | 10309537 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 102,0<br>*4.016* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T32-PH01B06-14X2-63R | 10309715 | M14 | 2,0 | 9,14<br>*0.360* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 100,9<br>*3.972* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 3 | B |
| T32-PH01B06-16X2-63R | 10309538 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,8<br>*3.969* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T32-PH01B06-20X2.5-63R | 10309539 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,4<br>*5.055* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |
| T32-PH01B06-24X3-63R | 10309716 | M24 | 3,0 | 13,68<br>*0.539* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,3<br>*5.760* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | B |

## T32-R40NC-micro

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 4H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

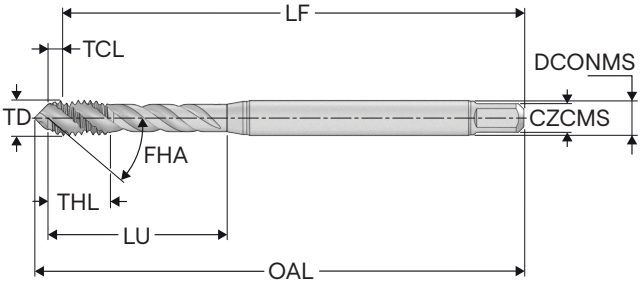
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C03-1X0.25-41R | 10139129 | M1 | 0,25 | 0,59<br>*0.023* | 1,0<br>*0.039* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 40,9<br>*1.610* | 2,5<br>*0.098* | 2.50X2.10 | 0,75<br>*0.030* | 2 | C |
| T32-R40N01C03-1.1X0.25-41R | 10139130 | M1.1 | 0,25 | 0,59<br>*0.023* | 1,1<br>*0.043* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 41,0<br>*1.614* | 2,5<br>*0.098* | 2.50X2.10 | 0,85<br>*0.033* | 2 | C |
| T32-R40N01C03-1.2X0.25-41R | 10139131 | M1.2 | 0,25 | 0,59<br>*0.023* | 1,2<br>*0.047* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 41,1<br>*1.618* | 2,5<br>*0.098* | 2.50X2.10 | 0,95<br>*0.037* | 2 | C |
| T32-R40N01C03-1.4X0.3-41R | 10139132 | M1.4 | 0,3 | 0,69<br>*0.027* | 1,4<br>*0.055* | 8,0<br>*0.315* | 13<br>*0.512* | 39,31<br>*1.548* | 41,3<br>*1.626* | 2,5<br>*0.098* | 2.50X2.10 | 1,1<br>*0.043* | 2 | C |

## T32-R40NC-micro

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

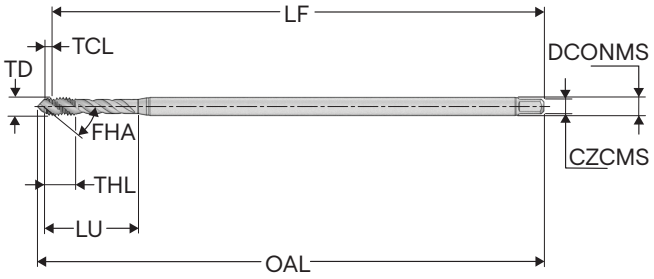
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C03-1.6X0.35-63R | 10139133 | M1.6 | 0,35 | 0,8<br>*0.031* | 1,6<br>*0.063* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,4<br>*1.630* | 2,5<br>*0.098* | 2.50X2.10 | 1,25<br>*0.049* | 2 | C |
| T32-R40N01C03-1.7X0.35-63R | 10139134 | M1.7 | 0,35 | 0,8<br>*0.031* | 1,7<br>*0.067* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,5<br>*1.634* | 2,5<br>*0.098* | 2.50X2.10 | 1,35<br>*0.053* | 2 | C |
| T32-R40N01C03-1.8X0.35-63R | 10139135 | M1.8 | 0,35 | 0,8<br>*0.031* | 1,8<br>*0.071* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,6<br>*1.638* | 2,5<br>*0.098* | 2.50X2.10 | 1,45<br>*0.057* | 2 | C |
| T32-R40N01C03-2X0.4-63R | 10139136 | M2 | 0,4 | 1,03<br>*0.041* | 2,0<br>*0.079* | 10,0<br>*0.394* | 13<br>*0.512* | 43,974<br>*1.731* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,6<br>*0.063* | 2 | C |
| T32-R40N01C03-2.2X0.45-63R | 10139137 | M2.2 | 0,45 | 1,15<br>*0.045* | 2,2<br>*0.087* | 10,0<br>*0.394* | 13<br>*0.512* | 43,847<br>*1.726* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,75<br>*0.069* | 2 | C |
| T32-R40N01C03-2.3X0.4-63R | 10139138 | M2.3 | 0,4 | 1,05<br>*0.041* | 2,3<br>*0.091* | 10,0<br>*0.394* | 13<br>*0.512* | 43,948<br>*1.730* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,9<br>*0.075* | 2 | C |
| T32-R40N01C03-2.5X0.45-63R | 10139139 | M2.5 | 0,45 | 1,06<br>*0.042* | 2,5<br>*0.098* | 5,0<br>*0.197* | 14<br>*0.551* | 48,94<br>*1.927* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,05<br>*0.081* | 2 | C |
| T32-R40N01C03-2.6X0.45-63R | 10139140 | M2.6 | 0,45 | 1,15<br>*0.045* | 2,6<br>*0.102* | 5,0<br>*0.197* | 14<br>*0.551* | 48,847<br>*1.923* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,15<br>*0.085* | 2 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371/EL
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

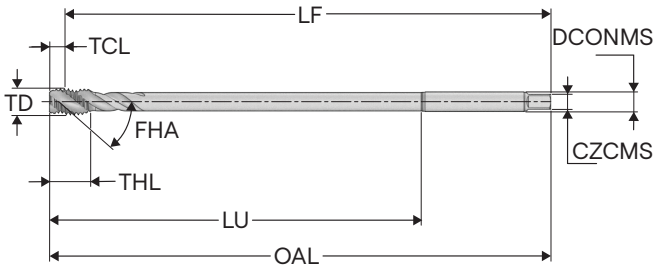
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C04-3X0.5-63R | 10139179 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 98,83<br>*3.891* | 101,2<br>*3.984* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-R40N01C04-4X0.7-63R | 10139180 | M4 | 0,7 | 1,45<br>*0.057* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 123,55<br>*4.864* | 126,6<br>*4.984* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-R40N01C04-5X0.8-63R | 10139181 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 138,1<br>*5.437* | 142,0<br>*5.591* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-R40N01C04-6X1-63R | 10139182 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 157,72<br>*6.209* | 162,4<br>*6.394* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376/EL
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

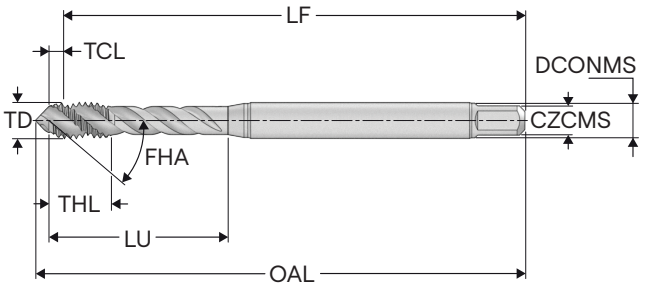
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C07-8X1.25-63R | 10139183 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 15,0<br>*0.591* | 157<br>*6.181* | 176,89<br>*6.964* | 180,0<br>*7.087* | 6,0<br>*0.236* | 6.00X4.90 | 6,8<br>*0.268* | 3 | C |
| T32-R40N01C07-10X1.5-63R | 10139185 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 17,0<br>*0.669* | 177<br>*6.969* | 196,24<br>*7.726* | 200,0<br>*7.874* | 7,0<br>*0.276* | 7.00X5.50 | 8,5<br>*0.335* | 3 | C |
| T32-R40N01C07-12X1.75-63R | 10139186 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 193<br>*7.598* | 215,59<br>*8.488* | 220,0<br>*8.661* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-R40N01C07-16X2-63R | 10139187 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 178<br>*7.008* | 214,79<br>*8.456* | 220,0<br>*8.661* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

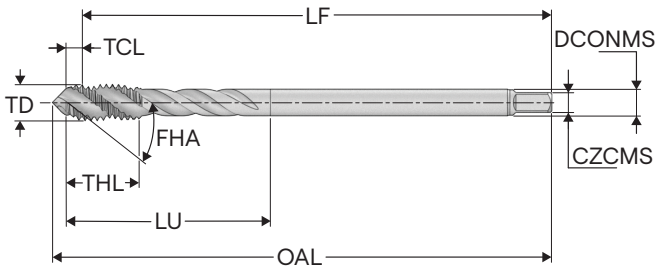
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C03-3X0.5-63R | 10139141 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-R40N01C03-3.5X0.6-63R | 10139142 | M3.5 | 0,6 | 1,36<br>*0.054* | 3,5<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,64<br>*2.151* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | C |
| T32-R40N01C03-4X0.7-63R | 10139143 | M4 | 0,7 | 1,54<br>*0.061* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,46<br>*2.420* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-R40N01C03-5X0.8-63R | 10139144 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-R40N01C03-6X1-63R | 10139145 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,72<br>*3.060* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T32-R40N01C03-7X1-63R | 10139146 | M7 | 1,0 | 2,28<br>*0.090* | 7,0<br>*0.276* | 10,0<br>*0.394* | 30<br>*1.181* | 77,72<br>*3.060* | 82,9<br>*3.264* | 7,0<br>*0.276* | 7.00X5.50 | 6,0<br>*0.236* | 3 | C |
| T32-R40N01C03-8X1.25-63R | 10139147 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,89<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T32-R40N01C03-9X1.25-63R | 10139148 | M9 | 1,25 | 3,11<br>*0.122* | 9,0<br>*0.354* | 13,0<br>*0.512* | 35<br>*1.378* | 86,89<br>*3.421* | 91,7<br>*3.610* | 9,0<br>*0.354* | 9.00X7.00 | 7,8<br>*0.307* | 3 | C |
| T32-R40N01C03-10X1.5-63R | 10139149 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,24<br>*3.789* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN376
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

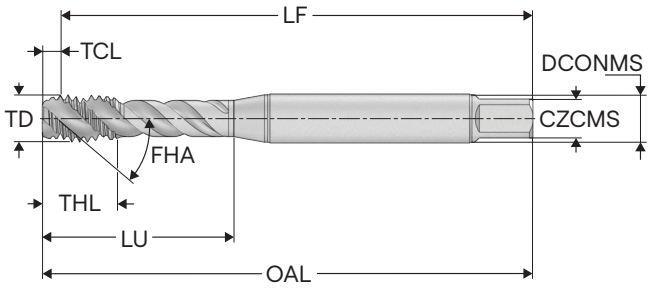
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C06-3X0.5-63R | 10139568 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 36<br>*1.417* | 54,83<br>*2.159* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20X1.80 | 2,5<br>*0.098* | 3 | C |
| T32-R40N01C06-4X0.7-63R | 10139570 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 8,0<br>*0.315* | 43<br>*1.693* | 61,28<br>*2.413* | 64,6<br>*2.543* | 2,8<br>*0.110* | 2.80X2.10 | 3,3<br>*0.130* | 3 | C |
| T32-R40N01C06-5X0.8-63R | 10139571 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 10,0<br>*0.394* | 49<br>*1.929* | 68,1<br>*2.681* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50X2.70 | 4,2<br>*0.165* | 3 | C |
| T32-R40N01C06-6X1-63R | 10139572 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 12,0<br>*0.472* | 59<br>*2.323* | 77,72<br>*3.060* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50X3.40 | 5,0<br>*0.197* | 3 | C |
| T32-R40N01C06-8X1.25-63R | 10139574 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 15,0<br>*0.591* | 67<br>*2.638* | 86,89<br>*3.421* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 6,8<br>*0.268* | 3 | C |
| T32-R40N01C06-9X1.25-63R | 10139575 | M9 | 1,25 | 3,21<br>*0.126* | 9,0<br>*0.354* | 15,0<br>*0.591* | 67<br>*2.638* | 86,79<br>*3.417* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 7,8<br>*0.307* | 3 | C |
| T32-R40N01C06-10X1.5-63R | 10139576 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 17,0<br>*0.669* | 77<br>*3.031* | 96,24<br>*3.789* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,5<br>*0.335* | 3 | C |
| T32-R40N01C06-12X1.75-63R | 10139577 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,59<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-R40N01C06-14X2-63R | 10139578 | M14 | 2,0 | 5,07<br>*0.200* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,93<br>*4.131* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 4 | C |
| T32-R40N01C06-16X2-63R | 10139579 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,85<br>*4.128* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T32-R40N01C06-18X2.5-63R | 10139580 | M18 | 2,5 | 6,31<br>*0.248* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,69<br>*4.673* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 15,5<br>*0.610* | 4 | C |
| T32-R40N01C06-20X2.5-63R | 10139581 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,49<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |
| T32-R40N01C06-22X2.5-63R | 10139582 | M22 | 2,5 | 6,51<br>*0.256* | 22,0<br>*0.866* | 25,0<br>*0.984* | 93<br>*3.661* | 133,49<br>*5.256* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | C |
| T32-R40N01C06-24X3-63R | 10139583 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,19<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T32-R40N01C06-27X3-63R | 10139584 | M27 | 3,0 | 7,81<br>*0.307* | 27,0<br>*1.063* | 30,0<br>*1.181* | 97<br>*3.819* | 152,19<br>*5.992* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 24,0<br>*0.945* | 4 | C |
| T32-R40N01C06-30X3.5-63R | 10139585 | M30 | 3,5 | 8,88<br>*0.350* | 30,0<br>*1.181* | 35,0<br>*1.378* | 115<br>*4.528* | 171,12<br>*6.737* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | C |
| T32-R40N01C06-33X3.5-63R | 10139586 | M33 | 3,5 | 8,88<br>*0.350* | 33,0<br>*1.299* | 35,0<br>*1.378* | 113<br>*4.449* | 171,12<br>*6.737* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00X20.00 | 29,5<br>*1.161* | 4 | C |
| T32-R40N01C06-36X4-63R | 10139587 | M36 | 4,0 | 9,94<br>*0.391* | 36,0<br>*1.417* | 40,0<br>*1.575* | 131<br>*5.157* | 190,06<br>*7.483* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 32,0<br>*1.260* | 4 | C |
| T32-R40N01C06-39X4-63R | 10139588 | M39 | 4,0 | 9,94<br>*0.391* | 39,0<br>*1.535* | 40,0<br>*1.575* | 102<br>*4.016* | 190,06<br>*7.483* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 35,0<br>*1.378* | 4 | C |
| T32-R40N01C06-42X4.5-63R | 10139589 | M42 | 4,5 | 11,01<br>*0.433* | 42,0<br>*1.654* | 45,0<br>*1.772* | 102<br>*4.016* | 188,99<br>*7.441* | 200,0<br>*7.874* | 32,0<br>*1.260* | 32.00X24.00 | 37,5<br>*1.476* | 5 | C |
| T32-R40N01C06-45X4.5-63R | 10139590 | M45 | 4,5 | 11,01<br>*0.433* | 45,0<br>*1.772* | 45,0<br>*1.772* | 117<br>*4.606* | 208,99<br>*8.228* | 220,0<br>*8.661* | 36,0<br>*1.417* | 36.00X29.00 | 40,5<br>*1.594* | 5 | C |
| T32-R40N01C06-48X5-63R | 10139591 | M48 | 5,0 | 12,08<br>*0.476* | 48,0<br>*1.890* | 50,0<br>*1.969* | 147<br>*5.787* | 237,92<br>*9.367* | 250,0<br>*9.843* | 36,0<br>*1.417* | 36.00X29.00 | 43,0<br>*1.693* | 5 | C |
| T32-R40N01C06-52X5-63R | 10139592 | M52 | 5,0 | 12,08<br>*0.476* | 52,0<br>*2.047* | 50,0<br>*1.969* | 120<br>*4.724* | 237,92<br>*9.367* | 250,0<br>*9.843* | 40,0<br>*1.575* | 40.00X32.00 | 47,0<br>*1.850* | 5 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN/ANSI
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

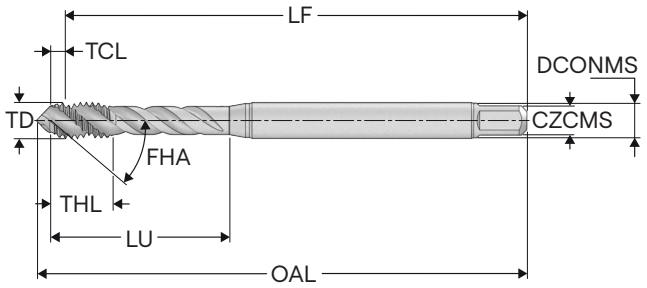
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C93-3X0.5-63R | 10308605 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 27,5<br>*1.083* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,581<br>*0.141* | 3.581x2.79 | 2,5<br>*0.098* | 3 | C |
| T32-R40N01C93-4X0.7-63R | 10280348 | M4 | 0,7 | 1,54<br>*0.061* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21,14<br>*0.832* | 61,46<br>*2.420* | 64,6<br>*2.543* | 4,267<br>*0.168* | 4.267x3.33 | 3,3<br>*0.130* | 3 | C |
| T32-R40N01C93-5X0.8-63R | 10280349 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25,14<br>*0.990* | 68,1<br>*2.681* | 72,0<br>*2.835* | 4,928<br>*0.194* | 4.928x3.86 | 4,2<br>*0.165* | 3 | C |
| T32-R40N01C93-6X1-63R | 10280350 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30,14<br>*1.187* | 77,72<br>*3.060* | 82,4<br>*3.244* | 6,477<br>*0.255* | 6.477x4.85 | 5,0<br>*0.197* | 3 | C |
| T32-R40N01C93-8X1.25-63R | 10280351 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35,14<br>*1.383* | 86,89<br>*3.421* | 90,0<br>*3.543* | 8,077<br>*0.318* | 8.077x6.05 | 6,8<br>*0.268* | 3 | C |
| T32-R40N01C93-10X1.5-63R | 10280352 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39,14<br>*1.541* | 96,24<br>*3.789* | 100,0<br>*3.937* | 9,667<br>*0.381* | 9.667x7.26 | 8,5<br>*0.335* | 3 | C |
| T32-R40N01C96-12X1.75-63R | 10280353 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 81,82<br>*3.221* | 105,59<br>*4.157* | 110,0<br>*4.331* | 9,322<br>*0.367* | 9.322x6.99 | 10,2<br>*0.402* | 3 | C |
| T32-R40N01C96-16X2-63R | 10280354 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 65,78<br>*2.590* | 104,79<br>*4.126* | 110,0<br>*4.331* | 12,192<br>*0.480* | 12.192x9.14 | 14,0<br>*0.551* | 4 | C |
| T32-R40N01C96-18X2.5-63R | 10280355 | M18 | 2,5 | 6,31<br>*0.248* | 18,0<br>*0.709* | 25,0<br>*0.984* | 79<br>*3.110* | 118,69<br>*4.673* | 125,0<br>*4.921* | 13,767<br>*0.542* | 13.767x10.31 | 15,5<br>*0.610* | 4 | C |
| T32-R40N01C96-20X2.5-63R | 10280356 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 92,47<br>*3.641* | 133,49<br>*5.256* | 140,0<br>*5.512* | 16,561<br>*0.652* | 16.561x12.42 | 17,5<br>*0.689* | 4 | C |
| T32-R40N01C96-24X3-63R | 10280357 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 96,95<br>*3.817* | 152,19<br>*5.992* | 160,0<br>*6.299* | 19,304<br>*0.760* | 19.304x14.48 | 21,0<br>*0.827* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare, 6G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6G
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

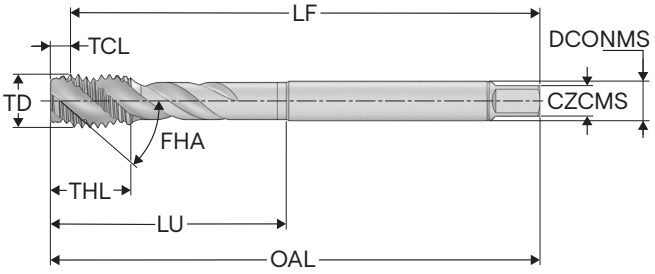
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C03-3X0.5-61R | 10139173 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-R40N01C03-4X0.7-61R | 10139174 | M4 | 0,7 | 1,54<br>*0.061* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,46<br>*2.420* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-R40N01C03-5X0.8-61R | 10139175 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-R40N01C03-6X1-61R | 10139176 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,72<br>*3.060* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T32-R40N01C03-8X1.25-61R | 10139177 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,89<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T32-R40N01C03-10X1.5-61R | 10139178 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,24<br>*3.789* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare, 6G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6G
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

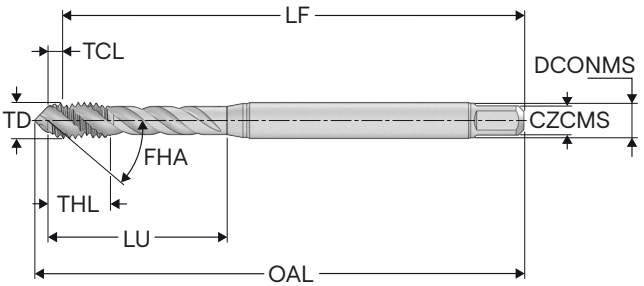
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N01C06-12X1.75-61R | 10139649 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,59<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-R40N01C06-16X2-61R | 10139650 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 81<br>*3.189* | 104,85<br>*4.128* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T32-R40N01C06-20X2.5-61R | 10139651 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,49<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare, filet stânga






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

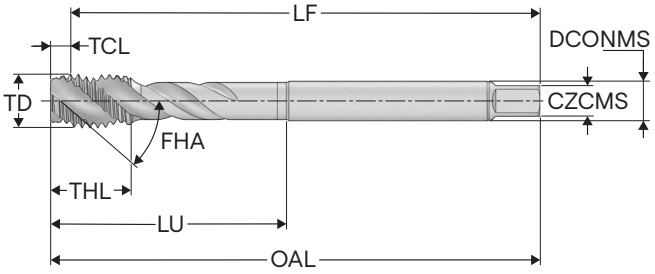
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-L40N01C03-3X0.5-63L | 10139167 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T32-L40N01C03-4X0.7-63L | 10139168 | M4 | 0,7 | 1,54<br>*0.061* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,46<br>*2.420* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T32-L40N01C03-5X0.8-63L | 10139169 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T32-L40N01C03-6X1-63L | 10139170 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,72<br>*3.060* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T32-L40N01C03-8X1.25-63L | 10139171 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,89<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T32-L40N01C03-10X1.5-63L | 10139172 | M10 LH | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,24<br>*3.789* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi metrice rare, filet stânga






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN376
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

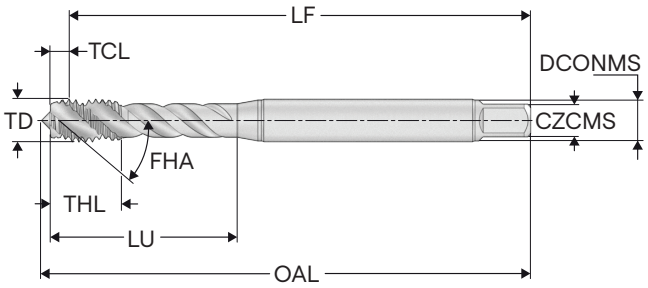
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-L40N01C06-12X1.75-63L | 10139645 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,59<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T32-L40N01C06-16X2-63L | 10139646 | M16 LH | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,85<br>*4.128* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T32-L40N01C06-20X2.5-63L | 10139647 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,49<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |
| T32-L40N01C06-24X3-63L | 10139648 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,19<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi MF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

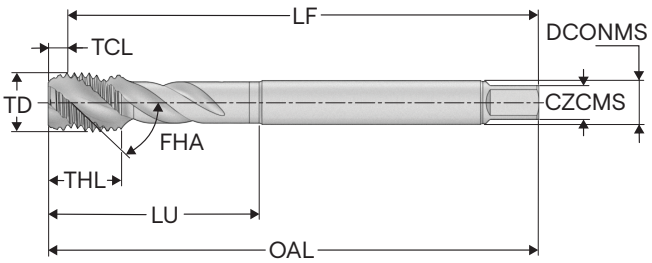
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N02C03-8X1-63R | 10139150 | MF8X1.0 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,42<br>*3.442* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | C |
| T32-R40N02C03-10X1-63R | 10139151 | MF10X1.0 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,32<br>*3.438* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | C |
| T32-R40N02C03-10X1.25-63R | 10139152 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,79<br>*3.811* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,8<br>*0.346* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi MF






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN374
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

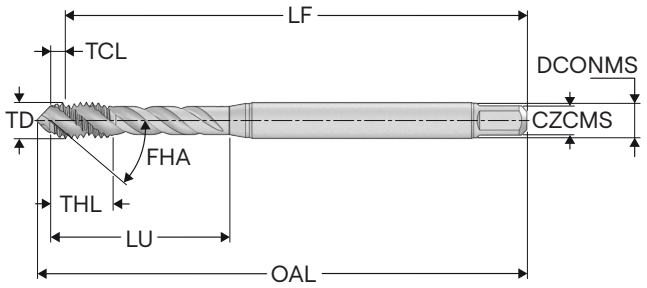
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N02C05-8X1-63R | 10139593 | MF8X1.0 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 10,0<br>*0.394* | 67<br>*2.638* | 87,42<br>*3.442* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | C |
| T32-R40N02C05-10X0.75-63R | 10139594 | MF10X0.75 | 0,75 | 2,13<br>*0.084* | 10,0<br>*0.394* | 10,0<br>*0.394* | 67<br>*2.638* | 87,87<br>*3.459* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,2<br>*0.362* | 3 | C |
| T32-R40N02C05-10X1-63R | 10139595 | MF10X1.0 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 13,0<br>*0.512* | 67<br>*2.638* | 87,32<br>*3.438* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | C |
| T32-R40N02C05-10X1.25-63R | 10139596 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 77<br>*3.031* | 96,79<br>*3.811* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | C |
| T32-R40N02C05-12X1-63R | 10139597 | MF12X1.0 | 1,0 | 2,79<br>*0.110* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 97,21<br>*3.827* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,0<br>*0.433* | 3 | C |
| T32-R40N02C05-12X1.25-63R | 10139598 | MF12X1.25 | 1,25 | 3,34<br>*0.131* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,66<br>*3.806* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,8<br>*0.425* | 3 | C |
| T32-R40N02C05-12X1.5-63R | 10139599 | MF12X1.5 | 1,5 | 3,87<br>*0.152* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,13<br>*3.785* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | C |
| T32-R40N02C05-14X1-63R | 10139600 | MF14X1.0 | 1,0 | 2,89<br>*0.114* | 14,0<br>*0.551* | 10,0<br>*0.394* | 71<br>*2.795* | 97,11<br>*3.823* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 4 | C |
| T32-R40N02C05-14X1.25-63R | 10139601 | MF14X1.25 | 1,25 | 3,44<br>*0.135* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,56<br>*3.802* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,8<br>*0.504* | 4 | C |
| T32-R40N02C05-14X1.5-63R | 10139602 | MF14X1.5 | 1,5 | 3,97<br>*0.156* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,03<br>*3.781* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | C |
| T32-R40N02C05-16X1-63R | 10139603 | MF16X1.0 | 1,0 | 2,79<br>*0.110* | 16,0<br>*0.630* | 10,0<br>*0.394* | 58<br>*2.283* | 97,21<br>*3.827* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,0<br>*0.591* | 4 | C |
| T32-R40N02C05-16X1.5-63R | 10139604 | MF16X1.5 | 1,5 | 4,07<br>*0.160* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,93<br>*3.777* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |
| T32-R40N02C05-18X1.5-63R | 10139605 | MF18X1.5 | 1,5 | 4,17<br>*0.164* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,83<br>*4.167* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | C |
| T32-R40N02C05-18X2-63R | 10139606 | MF18X2.0 | 2,0 | 5,25<br>*0.207* | 18,0<br>*0.709* | 20,0<br>*0.787* | 81<br>*3.189* | 119,75<br>*4.715* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,0<br>*0.630* | 4 | C |
| T32-R40N02C05-20X1.5-63R | 10139607 | MF20X1.5 | 1,5 | 4,37<br>*0.172* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,63<br>*4.749* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 18,5<br>*0.728* | 4 | C |
| T32-R40N02C05-20X2-63R | 10139608 | MF20X2.0 | 2,0 | 5,45<br>*0.215* | 20,0<br>*0.787* | 20,0<br>*0.787* | 95<br>*3.740* | 134,55<br>*5.297* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,0<br>*0.709* | 4 | C |
| T32-R40N02C05-22X1.5-63R | 10139609 | MF22X1.5 | 1,5 | 4,37<br>*0.172* | 22,0<br>*0.866* | 17,0<br>*0.669* | 78<br>*3.071* | 120,63<br>*4.749* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | C |
| T32-R40N02C05-22X2-63R | 10139610 | MF22X2.0 | 2,0 | 5,45<br>*0.215* | 22,0<br>*0.866* | 20,0<br>*0.787* | 93<br>*3.661* | 134,55<br>*5.297* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 20,0<br>*0.787* | 4 | C |
| T32-R40N02C05-24X1.5-63R | 10139611 | MF24X1.5 | 1,5 | 4,39<br>*0.173* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 135,61<br>*5.339* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,5<br>*0.886* | 4 | C |
| T32-R40N02C05-24X2-63R | 10139612 | MF24X2.0 | 2,0 | 5,67<br>*0.223* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 134,33<br>*5.289* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,0<br>*0.866* | 4 | C |
| T32-R40N02C05-27X1.5-63R | 10139613 | MF27X1.5 | 1,5 | 4,59<br>*0.181* | 27,0<br>*1.063* | 20,0<br>*0.787* | 77<br>*3.031* | 135,41<br>*5.331* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,5<br>*1.004* | 4 | C |
| T32-R40N02C05-27X2-63R | 10139614 | MF27X2.0 | 2,0 | 5,67<br>*0.223* | 27,0<br>*1.063* | 20,0<br>*0.787* | 77<br>*3.031* | 134,33<br>*5.289* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,0<br>*0.984* | 4 | C |
| T32-R40N02C05-30X1.5-63R | 10139615 | MF30X1.5 | 1,5 | 4,19<br>*0.165* | 30,0<br>*1.181* | 22,0<br>*0.866* | 85<br>*3.346* | 145,81<br>*5.741* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,5<br>*1.122* | 4 | C |
| T32-R40N02C05-30X2-63R | 10139616 | MF30X1.0 | 2,0 | 5,67<br>*0.223* | 30,0<br>*1.181* | 22,0<br>*0.866* | 85<br>*3.346* | 144,33<br>*5.682* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,0<br>*1.102* | 4 | C |

# T32-R40NC

Găuri înfundate – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 2B
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

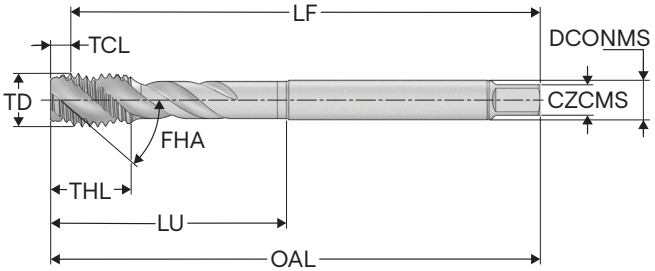
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N08C03-4-40-21R | 10139153 | UNC4-40 | 40,0 | 1,45<br>*0.057* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 54,55<br>*2.148* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,35<br>*0.093* | 3 | C |
| T32-R40N08C03-5-40-21R | 10139154 | UNC5-40 | 40,0 | 1,5<br>*0.059* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,5<br>*2.146* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | C |
| T32-R40N08C03-6-32-21R | 10139155 | UNC6-32 | 32,0 | 1,92<br>*0.076* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,08<br>*2.129* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,85<br>*0.112* | 3 | C |
| T32-R40N08C03-8-32-21R | 10139156 | UNC8-32 | 32,0 | 1,85<br>*0.073* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,15<br>*2.407* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | C |
| T32-R40N08C03-10-24-21R | 10139157 | UNC10-24 | 24,0 | 2,49<br>*0.098* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 67,51<br>*2.658* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 3,9<br>*0.154* | 3 | C |
| T32-R40N08C03-12-24-21R | 10139158 | UNC12-24 | 24,0 | 2,43<br>*0.096* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,57<br>*3.054* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | C |
| T32-R40N08C03-1/4-20-21R | 10139159 | UNC1/4-20 | 20,0 | 2,9<br>*0.114* | 6,35<br>*0.250* | 13,0<br>*0.512* | 32<br>*1.260* | 77,1<br>*3.035* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,1<br>*0.201* | 3 | C |
| T32-R40N08C03-5/16-18-21R | 10139160 | UNC5/16-18 | 18,0 | 3,54<br>*0.139* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 86,46<br>*3.404* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | C |
| T32-R40N08C03-3/8-16-21R | 10139161 | UNC3/8-16 | 16,0 | 3,99<br>*0.157* | 9,525<br>*0.375* | 15,0<br>*0.591* | 39<br>*1.535* | 96,01<br>*3.780* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,0<br>*0.315* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi UNC






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN376
- Clasa de toleranţă a filetului: 2B
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

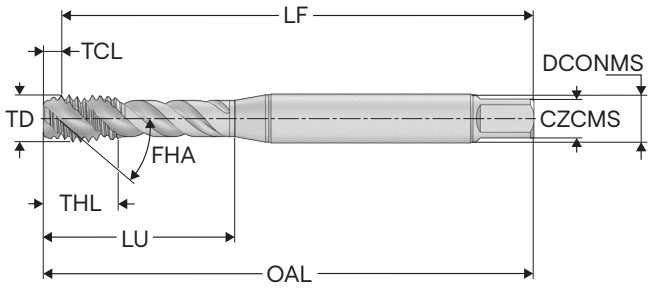
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N08C06-7/16-14-21R | 10139617 | UNC7/16-14 | 14,0 | 4,6<br>*0.181* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 95,4<br>*3.756* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,3<br>*0.366* | 3 | C |
| T32-R40N08C06-1/2-13-21R | 10139626 | UNC1/2-13 | 13,0 | 4,94<br>*0.194* | 12,7<br>*0.500* | 18,0<br>*0.709* | 83<br>*3.268* | 105,06<br>*4.136* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,7<br>*0.421* | 3 | C |
| T32-R40N08C06-9/16-12-21R | 10139619 | UNC9/16-12 | 12,0 | 5,37<br>*0.211* | 14,287<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 104,63<br>*4.119* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,3<br>*0.484* | 4 | C |
| T32-R40N08C06-5/8-11-21R | 10139620 | UNC5/8-11 | 11,0 | 5,81<br>*0.229* | 15,875<br>*0.625* | 22,0<br>*0.866* | 68<br>*2.677* | 104,19<br>*4.102* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,5<br>*0.531* | 4 | C |
| T32-R40N08C06-3/4-10-21R | 10139621 | UNC3/4-10 | 10,0 | 6,78<br>*0.267* | 19,05<br>*0.750* | 25,0<br>*0.984* | 81<br>*3.189* | 118,22<br>*4.654* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | C |
| T32-R40N08C06-7/8-9-21R | 10139622 | UNC7/8-9 | 9,0 | 7,27<br>*0.286* | 22,225<br>*0.875* | 30,0<br>*1.181* | 93<br>*3.661* | 132,73<br>*5.226* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | C |
| T32-R40N08C06-1-8-21R | 10139623 | UNC1-8 | 8,0 | 8,32<br>*0.328* | 25,4<br>*1.000* | 30,0<br>*1.181* | 97<br>*3.819* | 151,68<br>*5.972* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 22,25<br>*0.876* | 4 | C |
| T32-R40N08C06-1_1/8-7-21R | 10139758 | UNC11/8-7 | 7,0 | 9,17<br>*0.361* | 28,575<br>*1.125* | 37,0<br>*1.457* | 115<br>*4.528* | 170,83<br>*6.726* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 25,0<br>*0.984* | 4 | C |
| T32-R40N08C06-1_1/4-7-21R | 10139624 | UNC11/4-7 | 7,0 | 9,3<br>*0.366* | 31,75<br>*1.250* | 37,0<br>*1.457* | 115<br>*4.528* | 170,7<br>*6.720* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 28,0<br>*1.102* | 4 | C |
| T32-R40N08C06-1_3/8-6-21R | 10139618 | UNC13/8-6 | 6,0 | 10,5<br>*0.413* | 34,925<br>*1.375* | 40,0<br>*1.575* | 131<br>*5.157* | 189,5<br>*7.461* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 30,75<br>*1.211* | 4 | C |
| T32-R40N08C06-1_1/2-6-21R | 10139625 | UNC11/2-6 | 6,0 | 10,63<br>*0.419* | 38,1<br>*1.500* | 40,0<br>*1.575* | 131<br>*5.157* | 189,37<br>*7.456* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 34,0<br>*1.339* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 2B
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

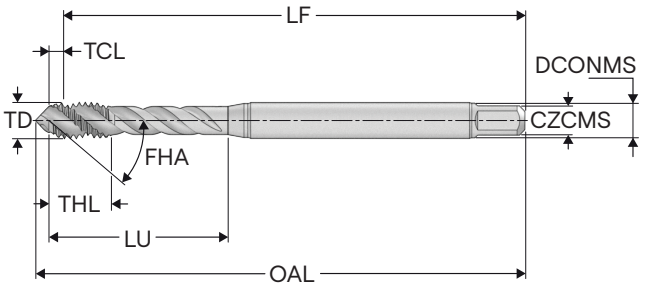
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T32-R40N08C93-4-40-21R | 10280314 | UNC4-40 | 40.0 | 0.057 | 0.112 | 0.197 | 0.720 | 2.154 | 2.252 | 0.141 | 3.581x2.79 | 0.093 | 3 | C |
| T32-R40N08C93-5-40-21R | 10280315 | UNC5-40 | 40.0 | 0.059 | 0.125 | 0.276 | 0.714 | 2.146 | 2.252 | 0.141 | 3.581x2.79 | 0.104 | 3 | C |
| T32-R40N08C93-6-32-21R | 10280316 | UNC6-32 | 32.0 | 0.076 | 0.138 | 0.236 | 0.799 | 2.135 | 2.260 | 0.141 | 3.581x2.79 | 0.112 | 3 | C |
| T32-R40N08C93-8-32-21R | 10280317 | UNC8-32 | 32.0 | 0.073 | 0.164 | 0.276 | 0.832 | 2.407 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | C |
| T32-R40N08C93-10-24-21R | 10280318 | UNC10-24 | 24.0 | 0.098 | 0.190 | 0.315 | 1.000 | 2.668 | 2.835 | 0.194 | 4.928x3.86 | 0.154 | 3 | C |
| T32-R40N08C93-12-24-21R | 10280319 | UNC12-24 | 24.0 | 0.096 | 0.216 | 0.394 | 1.191 | 3.058 | 3.236 | 0.220 | 5.588x4.19 | 0.177 | 3 | C |
| T32-R40N08C93-1/4-20-21R | 10280320 | UNC1/4-20 | 20.0 | 0.114 | 0.250 | 0.512 | 1.265 | 3.035 | 3.244 | 0.255 | 6.477x4.85 | 0.201 | 3 | C |
| T32-R40N08C93-5/16-18-21R | 10280321 | UNC5/16-18 | 18.0 | 0.139 | 0.312 | 0.512 | 1.383 | 3.404 | 3.543 | 0.318 | 8.077x6.05 | 0.260 | 3 | C |
| T32-R40N08C93-3/8-16-21R | 10280322 | UNC3/8-16 | 16.0 | 0.157 | 0.375 | 0.591 | 1.541 | 3.780 | 3.937 | 0.381 | 9.667x7.26 | 0.315 | 3 | C |
| T32-R40N08C96-7/16-14-21R | 10280323 | UNC7/16-14 | 14.0 | 0.181 | 0.437 | 0.591 | 2.858 | 3.756 | 3.937 | 0.323 | 8.204x6.15 | 0.366 | 3 | C |
| T32-R40N08C96-1/2-13-21R | 10280324 | UNC1/2-13 | 13.0 | 0.194 | 0.500 | 0.709 | 3.221 | 4.136 | 4.331 | 0.367 | 9.322x6.99 | 0.421 | 3 | C |
| T32-R40N08C96-9/16-12-21R | 10280326 | UNC9/16-12 | 12.0 | 0.211 | 0.562 | 0.787 | 3.161 | 4.119 | 4.331 | 0.429 | 10.897x8.18 | 0.484 | 4 | C |
| T32-R40N08C96-5/8-11-21R | 10280327 | UNC5/8-11 | 11.0 | 0.229 | 0.625 | 0.866 | 2.590 | 4.102 | 4.331 | 0.480 | 12.192x9.14 | 0.531 | 4 | C |
| T32-R40N08C96-3/4-10-21R | 10280328 | UNC3/4-10 | 10.0 | 0.267 | 0.750 | 1.260 | 3.050 | 4.654 | 4.921 | 0.590 | 14.986x11.23 | 0.650 | 4 | C |
| T32-R40N08C96-7/8-9-21R | 10280329 | UNC7/8-9 | 9.0 | 0.286 | 0.875 | 1.260 | 3.581 | 5.226 | 5.512 | 0.697 | 17.704x13.28 | 0.768 | 4 | C |
| T32-R40N08C96-1-8-21R | 10280330 | UNC1-8 | 8.0 | 0.328 | 1.000 | 1.496 | 3.757 | 5.972 | 6.299 | 0.800 | 20.320x15.24 | 0.876 | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi UNF






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN371
- Clasa de toleranţă a filetului: 2B
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

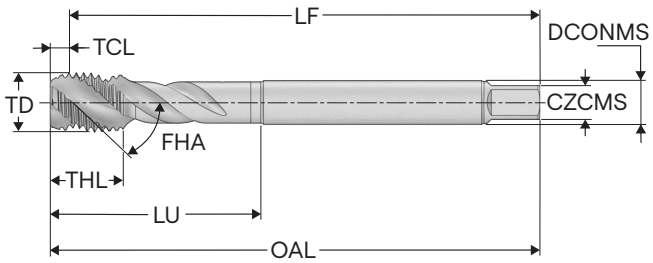
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N09C03-10-32-21R | 10139162 | UNF10-32 | 32,0 | 1,96<br>*0.077* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 68,04<br>*2.679* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,1<br>*0.161* | 3 | C |
| T32-R40N09C03-12-28-21R | 10139163 | UNF12-28 | 28,0 | 2,07<br>*0.081* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,93<br>*3.068* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 4,6<br>*0.181* | 3 | C |
| T32-R40N09C03-1/4-28-21R | 10139164 | UNF1/4-28 | 28,0 | 2,19<br>*0.086* | 6,35<br>*0.250* | 10,0<br>*0.394* | 30<br>*1.181* | 77,81<br>*3.063* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,5<br>*0.217* | 3 | C |
| T32-R40N09C03-5/16-24-21R | 10139165 | UNF5/16-24 | 24,0 | 2,83<br>*0.111* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 87,17<br>*3.432* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,9<br>*0.272* | 3 | C |
| T32-R40N09C03-3/8-24-21R | 10139166 | UNF3/8-24 | 24,0 | 2,91<br>*0.115* | 9,525<br>*0.375* | 15,0<br>*0.591* | 35<br>*1.378* | 87,09<br>*3.429* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T32-R40NC

Găuri înfundate – Fileturi UNF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 2B
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

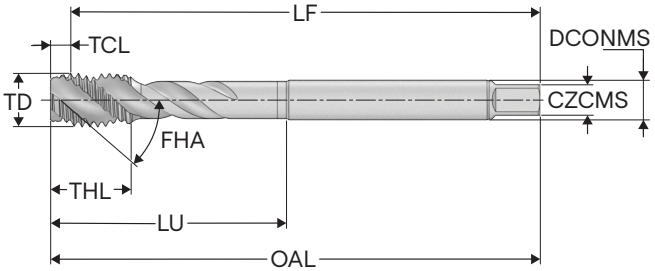
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N09C05-7/16-20-21R | 10139627 | UNF7/16-20 | 20,0 | 3,35<br>*0.132* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 96,65<br>*3.805* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,9<br>*0.390* | 3 | C |
| T32-R40N09C05-1/2-20-21R | 10139636 | UNF1/2-20 | 20,0 | 3,51<br>*0.138* | 12,7<br>*0.500* | 15,0<br>*0.591* | 73<br>*2.874* | 96,49<br>*3.799* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | C |
| T32-R40N09C05-9/16-18-21R | 10139629 | UNF9/16-18 | 18,0 | 3,77<br>*0.148* | 14,287<br>*0.562* | 15,0<br>*0.591* | 71<br>*2.795* | 96,23<br>*3.789* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 4 | C |
| T32-R40N09C05-5/8-18-21R | 10139630 | UNF5/8-18 | 18,0 | 3,86<br>*0.152* | 15,875<br>*0.625* | 15,0<br>*0.591* | 58<br>*2.283* | 96,14<br>*3.785* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |
| T32-R40N09C05-3/4-16-21R | 10139631 | UNF3/4-16 | 16,0 | 4,45<br>*0.175* | 19,05<br>*0.750* | 17,0<br>*0.669* | 66<br>*2.598* | 105,55<br>*4.156* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 17,5<br>*0.689* | 4 | C |
| T32-R40N09C05-7/8-14-21R | 10139632 | UNF7/8-14 | 14,0 | 5,15<br>*0.203* | 22,225<br>*0.875* | 17,0<br>*0.669* | 78<br>*3.071* | 119,85<br>*4.719* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | C |
| T32-R40N09C05-1-12-21R | 10139633 | UNF1-12 | 12,0 | 5,82<br>*0.229* | 25,4<br>*1.000* | 22,0<br>*0.866* | 93<br>*3.661* | 134,18<br>*5.283* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 23,3<br>*0.917* | 4 | C |
| T32-R40N09C05-1_1/8-12-21R | 10139759 | UNF11/8-12 | 12,0 | 5,98<br>*0.235* | 28,575<br>*1.125* | 22,0<br>*0.866* | 85<br>*3.346* | 144,02<br>*5.670* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | C |
| T32-R40N09C05-1_1/4-12-21R | 10139634 | UNF1_1/4-12 | 12,0 | 5,94<br>*0.234* | 31,75<br>*1.250* | 22,0<br>*0.866* | 85<br>*3.346* | 144,06<br>*5.672* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 29,5<br>*1.161* | 4 | C |
| T32-R40N09C05-1_3/8-12-21R | 10139628 | UNF13/8-12 | 12,0 | 6,07<br>*0.239* | 34,925<br>*1.375* | 22,0<br>*0.866* | 101<br>*3.976* | 163,93<br>*6.454* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00X22.00 | 32,8<br>*1.291* | 4 | C |
| T32-R40N09C05-1_1/2-12-21R | 10139635 | UNF11/2-12 | 12,0 | 6,04<br>*0.238* | 38,1<br>*1.500* | 24,0<br>*0.945* | 101<br>*3.976* | 163,96<br>*6.455* | 170,0<br>*6.693* | 28,0<br>*1.102* | 28.00X22.00 | 36,0<br>*1.417* | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi UNF






- Substrat: HSSE
- Acoperirea: TiAlN + TiN
- Standard: DIN/ANSI
- Clasa de toleranţă a filetului: 2B
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 248

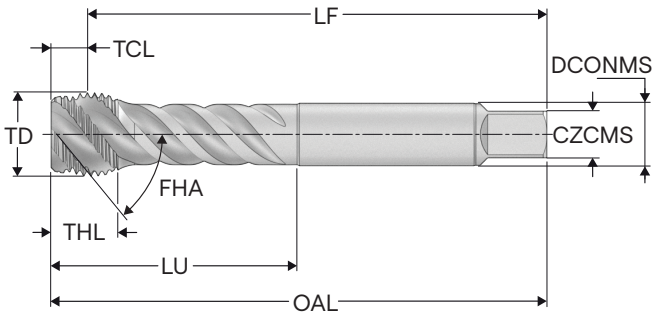
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T32-R40N09C93-4-48-21R | 10280332 | UNF4-48 | 48.0 | 0.050 | 0.112 | 0.197 | 0.718 | 2.159 | 2.252 | 0.141 | 3.581x2.79 | 0.094 | 3 | C |
| T32-R40N09C93-5-44-21R | 10280333 | UNF5-44 | 44.0 | 0.052 | 0.125 | 0.276 | 0.712 | 2.230 | 2.252 | 0.141 | 3.581x2.79 | 0.106 | 3 | C |
| T32-R40N09C93-6-40-21R | 10280334 | UNF6-40 | 40.0 | 0.061 | 0.138 | 0.236 | 0.795 | 2.145 | 2.260 | 0.141 | 3.581x2.79 | 0.116 | 3 | C |
| T32-R40N09C93-8-36-21R | 10280335 | UNF8-36 | 36.0 | 0.066 | 0.164 | 0.276 | 0.830 | 2.413 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | C |
| T32-R40N09C93-10-32-21R | 10280336 | UNF10-32 | 32.0 | 0.077 | 0.190 | 0.315 | 0.994 | 2.683 | 2.835 | 0.194 | 4.928x3.86 | 0.161 | 3 | C |
| T32-R40N09C93-12-28-21R | 10280337 | UNF12-28 | 28.0 | 0.081 | 0.216 | 0.394 | 1.187 | 3.068 | 3.236 | 0.220 | 5.588x4.19 | 0.181 | 3 | C |
| T32-R40N09C93-1/4-28-21R | 10280338 | UNF1/4-28 | 28.0 | 0.086 | 0.250 | 0.394 | 1.179 | 3.056 | 3.244 | 0.255 | 6.477x4.85 | 0.217 | 3 | C |
| T32-R40N09C93-5/16-24-21R | 10280339 | UNF5/16-24 | 24.0 | 0.111 | 0.312 | 0.512 | 1.383 | 3.432 | 3.543 | 0.318 | 8.077x6.05 | 0.272 | 3 | C |
| T32-R40N09C93-3/8-24-21R | 10280340 | UNF3/8-24 | 24.0 | 0.115 | 0.375 | 0.591 | 1.383 | 3.429 | 3.543 | 0.381 | 9.667x7.26 | 0.335 | 3 | C |
| T32-R40N09C95-7/16-20-21R | 10280341 | UNF7/16-20 | 20.0 | 0.132 | 0.437 | 0.591 | 2.858 | 3.805 | 3.937 | 0.323 | 8.204x6.15 | 0.390 | 3 | C |
| T32-R40N09C95-1/2-20-21R | 10280342 | UNF1/2-20 | 20.0 | 0.138 | 0.500 | 0.591 | 2.828 | 3.799 | 3.937 | 0.367 | 9.322x6.99 | 0.453 | 3 | C |
| T32-R40N09C95-9/16-18-21R | 10280343 | UNF9/16-18 | 18.0 | 0.148 | 0.562 | 0.591 | 2.768 | 3.789 | 3.937 | 0.429 | 10.897x8.18 | 0.512 | 4 | C |
| T32-R40N09C95-5/8-18-21R | 10280344 | UNF5/8-18 | 18.0 | 0.152 | 0.625 | 0.591 | 2.196 | 3.785 | 3.937 | 0.480 | 12.192x9.14 | 0.571 | 4 | C |
| T32-R40N09C95-3/4-16-21R | 10280345 | UNF3/4-16 | 16.0 | 0.175 | 0.750 | 0.945 | 2.459 | 4.156 | 4.331 | 0.590 | 14.986x11.23 | 0.689 | 4 | C |
| T32-R40N09C95-7/8-14-21R | 10280346 | UNF7/8-14 | 14.0 | 0.203 | 0.875 | 0.945 | 2.990 | 4.719 | 4.921 | 0.697 | 17.704x13.28 | 0.807 | 4 | C |
| T32-R40N09C95-1-12-21R | 10280347 | UNF1-12 | 12.0 | 0.229 | 1.000 | 1.063 | 2.970 | 5.283 | 5.512 | 0.800 | 20.320x15.24 | 0.917 | 4 | C |

## T32-R40NC

Găuri înfundate – Fileturi G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 248

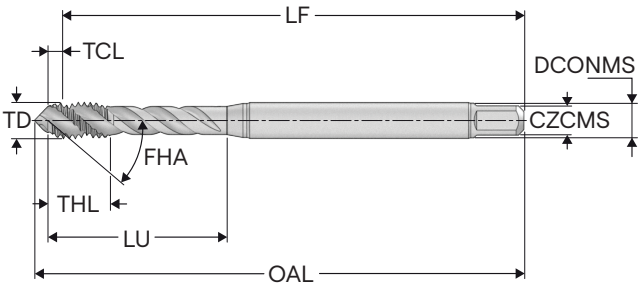
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40N21C09-1/8-28-11R | 10139637 | G1/8-28 | 28,0 | 2,67<br>*0.105* | 9,728<br>*0.383* | 10,0<br>*0.394* | 67<br>*2.638* | 87,33<br>*3.438* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | C |
| T32-R40N21C09-1/4-19-11R | 10139638 | G1/4-19 | 19,0 | 3,72<br>*0.146* | 13,157<br>*0.518* | 14,0<br>*0.551* | 71<br>*2.795* | 96,28<br>*3.791* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 11,8<br>*0.465* | 3 | C |
| T32-R40N21C09-3/8-19-11R | 10139639 | G3/8-19 | 19,0 | 3,92<br>*0.154* | 16,662<br>*0.656* | 15,0<br>*0.591* | 58<br>*2.283* | 96,08<br>*3.783* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 4 | C |
| T32-R40N21C09-1/2-14-11R | 10139640 | G1/2-14 | 14,0 | 5,28<br>*0.208* | 20,955<br>*0.825* | 17,0<br>*0.669* | 80<br>*3.150* | 119,72<br>*4.713* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,0<br>*0.748* | 4 | C |
| T32-R40N21C09-5/8-14-11R | 10139641 | G5/8-14 | 14,0 | 5,21<br>*0.205* | 22,911<br>*0.902* | 20,0<br>*0.787* | 78<br>*3.071* | 119,79<br>*4.716* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T32-R40N21C09-3/4-14-11R | 10139642 | G3/4-14 | 14,0 | 5,45<br>*0.215* | 26,441<br>*1.041* | 20,0<br>*0.787* | 77<br>*3.031* | 134,55<br>*5.297* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 24,5<br>*0.965* | 4 | C |
| T32-R40N21C09-7/8-14-11R | 10139643 | G7/8-14 | 14,0 | 5,38<br>*0.212* | 30,201<br>*1.189* | 22,0<br>*0.866* | 85<br>*3.346* | 144,62<br>*5.694* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,25<br>*1.112* | 4 | C |
| T32-R40N21C09-1-11-11R | 10139644 | G1-11 | 11,0 | 6,56<br>*0.258* | 33,249<br>*1.309* | 24,0<br>*0.945* | 93<br>*3.661* | 153,44<br>*6.041* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00X20.00 | 30,75<br>*1.211* | 4 | C |

## T32-R40HC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 250

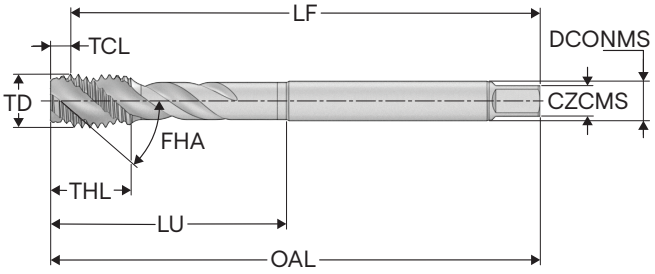
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40H01C03-3X0.5-63R | 10309455 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T32-R40H01C03-4X0.7-63R | 10309456 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T32-R40H01C03-5X0.8-63R | 10309457 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T32-R40H01C03-6X1-63R | 10309458 | M6 | 1,0 | 2,27<br>*0.089* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T32-R40H01C03-8X1.25-63R | 10309459 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T32-R40H01C03-10X1.5-63R | 10309460 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T32-R40HC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 250

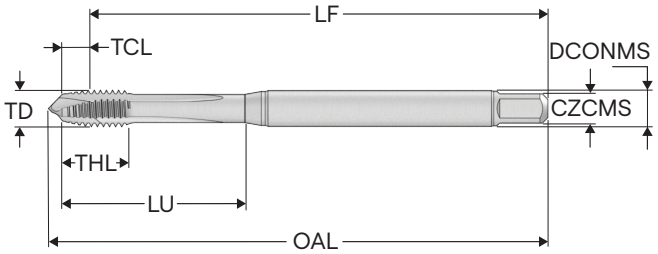
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T32-R40H01C06-12X1.75-63R | 10309634 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,6<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T32-R40H01C06-14X2-63R | 10309635 | M14 | 2,0 | 5,07<br>*0.200* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,9<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T32-R40H01C06-16X2-63R | 10309636 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T32-R40H01C06-20X2.5-63R | 10309637 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,5<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |
| T32-R40H01C06-24X3-63R | 10309639 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,2<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | C |

## T34-PHB-micro

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 4H
—Regimuri de aşchiere, vezi pagina(paginile) 252

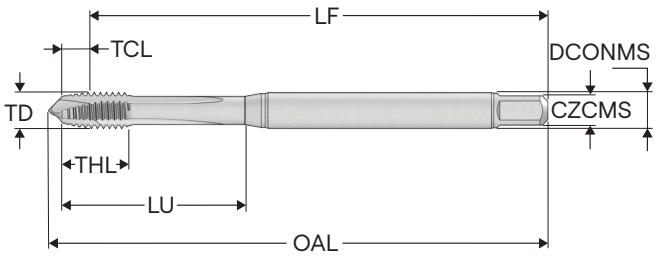
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH01B03-1X0.25-41R | 10139302 | M1 | 0,25 | 1,13<br>*0.044* | 1,0<br>*0.039* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 40,9<br>*1.610* | 2,5<br>*0.098* | 2.50X2.10 | 0,75<br>*0.030* | 2 | B |
| T34-PH01B03-1.1X0.25-41R | 10139303 | M1.1 | 0,25 | 1,13<br>*0.044* | 1,1<br>*0.043* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 41,0<br>*1.614* | 2,5<br>*0.098* | 2.50X2.10 | 0,85<br>*0.033* | 2 | B |
| T34-PH01B03-1.2X0.25-41R | 10139304 | M1.2 | 0,25 | 1,13<br>*0.044* | 1,2<br>*0.047* | 6,0<br>*0.236* | 13<br>*0.512* | 38,87<br>*1.530* | 41,1<br>*1.618* | 2,5<br>*0.098* | 2.50X2.10 | 0,95<br>*0.037* | 2 | B |
| T34-PH01B03-1.4X0.3-41R | 10139305 | M1.4 | 0,3 | 1,32<br>*0.052* | 1,4<br>*0.055* | 8,0<br>*0.315* | 13<br>*0.512* | 38,68<br>*1.523* | 41,3<br>*1.626* | 2,5<br>*0.098* | 2.50X2.10 | 1,1<br>*0.043* | 2 | B |

## T34-PHB-micro

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 252

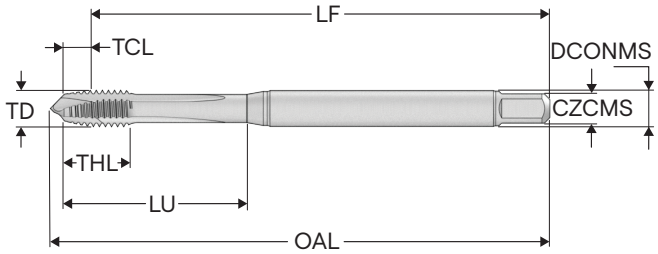
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH01B03-1.6X0.35-63R | 10139306 | M1.6 | 0,35 | 1,54<br>*0.061* | 1,6<br>*0.063* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,4<br>*1.630* | 2,5<br>*0.098* | 2.50X2.10 | 1,25<br>*0.049* | 2 | B |
| T34-PH01B03-1.7X0.35-63R | 10139307 | M1.7 | 0,35 | 1,54<br>*0.061* | 1,7<br>*0.067* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,5<br>*1.634* | 2,5<br>*0.098* | 2.50X2.10 | 1,35<br>*0.053* | 2 | B |
| T34-PH01B03-1.8X0.35-63R | 10139308 | M1.8 | 0,35 | 1,54<br>*0.061* | 1,8<br>*0.071* | 8,0<br>*0.315* | 13<br>*0.512* | 38,46<br>*1.514* | 41,6<br>*1.638* | 2,5<br>*0.098* | 2.50X2.10 | 1,45<br>*0.057* | 2 | B |
| T34-PH01B03-2X0.4-63R | 10139309 | M2 | 0,4 | 1,89<br>*0.074* | 2,0<br>*0.079* | 10,0<br>*0.394* | 13<br>*0.512* | 43,11<br>*1.697* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,6<br>*0.063* | 2 | B |
| T34-PH01B03-2.2X0.45-63R | 10139310 | M2.2 | 0,45 | 2,07<br>*0.081* | 2,2<br>*0.087* | 10,0<br>*0.394* | 13<br>*0.512* | 42,93<br>*1.690* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,75<br>*0.069* | 2 | B |
| T34-PH01B03-2.3X0.4-63R | 10139311 | M2.3 | 0,4 | 1,89<br>*0.074* | 2,3<br>*0.091* | 10,0<br>*0.394* | 13<br>*0.512* | 43,11<br>*1.697* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,9<br>*0.075* | 2 | B |
| T34-PH01B03-2.5X0.45-63R | 10139312 | M2.5 | 0,45 | 2,07<br>*0.081* | 2,5<br>*0.098* | 9,0<br>*0.354* | 14<br>*0.551* | 47,93<br>*1.887* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,05<br>*0.081* | 2 | B |
| T34-PH01B03-2.6X0.45-63R | 10139313 | M2.6 | 0,45 | 2,07<br>*0.081* | 2,6<br>*0.102* | 9,0<br>*0.354* | 14<br>*0.551* | 47,93<br>*1.887* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,15<br>*0.085* | 2 | B |

## T34-PHB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

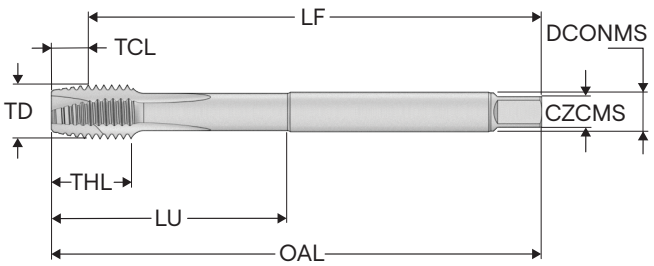
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH01B03-3X0.5-65R | 10139314 | M3 | 0,5 | 2,3<br>*0.091* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 53,7<br>*2.114* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | B |
| T34-PH01B03-3.5X0.6-65R | 10139315 | M3.5 | 0,6 | 2,67<br>*0.105* | 3,5<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 53,33<br>*2.100* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | B |
| T34-PH01B03-4X0.7-65R | 10139316 | M4 | 0,7 | 3,03<br>*0.119* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 59,97<br>*2.361* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | B |
| T34-PH01B03-4.5X0.75-65R | 10139317 | M4.5 | 0,75 | 3,36<br>*0.132* | 4,5<br>*0.177* | 7,5<br>*0.295* | 25<br>*0.984* | 66,64<br>*2.624* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | B |
| T34-PH01B03-5X0.8-65R | 10139318 | M5 | 0,8 | 3,71<br>*0.146* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 66,29<br>*2.610* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T34-PH01B03-6X1-65R | 10139319 | M6 | 1,0 | 4,5<br>*0.177* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 75,5<br>*2.972* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |
| T34-PH01B03-8X1.25-65R | 10139320 | M8 | 1,25 | 5,48<br>*0.216* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 84,52<br>*3.328* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | B |
| T34-PH01B03-10X1.5-65R | 10139321 | M10 | 1,5 | 6,9<br>*0.272* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 93,1<br>*3.665* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

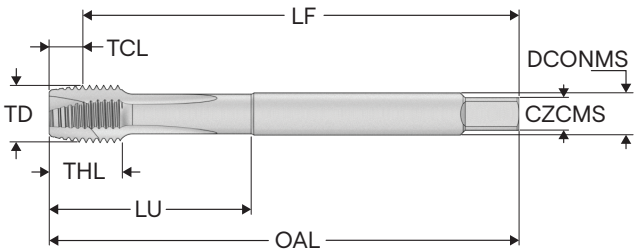
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH01B06-12X1.75-65R | 10139322 | M12 | 1,75 | 8,11<br>*0.319* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 101,89<br>*4.011* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T34-PH01B06-14X2-65R | 10139323 | M14 | 2,0 | 9,26<br>*0.365* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 100,74<br>*3.966* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 3 | B |
| T34-PH01B06-16X2-65R | 10139324 | M16 | 2,0 | 9,36<br>*0.369* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 100,64<br>*3.962* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |
| T34-PH01B06-18X2.5-65R | 10139325 | M18 | 2,5 | 11,3<br>*0.445* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 113,7<br>*4.476* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 15,5<br>*0.610* | 4 | B |
| T34-PH01B06-20X2.5-65R | 10139326 | M20 | 2,5 | 11,4<br>*0.449* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 128,6<br>*5.063* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | B |
| T34-PH01B06-22X2.5-65R | 10139327 | M22 | 2,5 | 11,4<br>*0.449* | 22,0<br>*0.866* | 25,0<br>*0.984* | 93<br>*3.661* | 128,6<br>*5.063* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | B |
| T34-PH01B06-24X3-65R | 10139328 | M24 | 3,0 | 13,62<br>*0.536* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 146,38<br>*5.763* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |
| T34-PH01B06-27X3-65R | 10139329 | M27 | 3,0 | 13,82<br>*0.544* | 27,0<br>*1.063* | 30,0<br>*1.181* | 97<br>*3.819* | 146,18<br>*5.755* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 24,0<br>*0.945* | 4 | B |
| T34-PH01B06-30X3.5-65R | 10139330 | M30 | 3,5 | 15,87<br>*0.625* | 30,0<br>*1.181* | 35,0<br>*1.378* | 115<br>*4.528* | 164,13<br>*6.462* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | B |
| T34-PH01B06-33X3.5-65R | 10139331 | M33 | 3,5 | 15,87<br>*0.625* | 33,0<br>*1.299* | 35,0<br>*1.378* | 113<br>*4.449* | 164,13<br>*6.462* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00X20.00 | 29,5<br>*1.161* | 4 | B |
| T34-PH01B06-36X4-65R | 10139332 | M36 | 4,0 | 18,13<br>*0.714* | 36,0<br>*1.417* | 40,0<br>*1.575* | 131<br>*5.157* | 181,87<br>*7.160* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 32,0<br>*1.260* | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

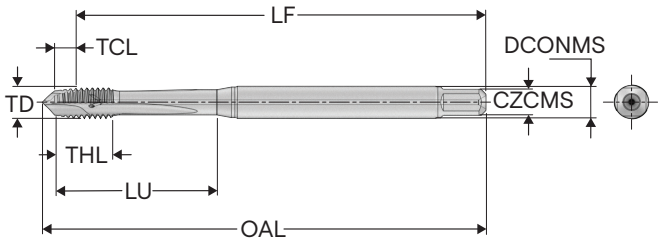
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH01B93-4X0.7-65R | 10280477 | M4 | 0,7 | 3,03<br>*0.119* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21,14<br>*0.832* | 60,0<br>*2.362* | 64,6<br>*2.543* | 4,267<br>*0.168* | 4.267x3.33 | 3,3<br>*0.130* | 3 | B |
| T34-PH01B93-5X0.8-65R | 10280478 | M5 | 0,8 | 3,71<br>*0.146* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25,14<br>*0.990* | 66,3<br>*2.610* | 72,0<br>*2.835* | 4,928<br>*0.194* | 4.928x3.86 | 4,2<br>*0.165* | 3 | B |
| T34-PH01B93-6X1-65R | 10280480 | M6 | 1,0 | 4,5<br>*0.177* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30,14<br>*1.187* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,477<br>*0.255* | 6.477x4.85 | 5,0<br>*0.197* | 3 | B |
| T34-PH01B93-8X1.25-65R | 10280481 | M8 | 1,25 | 5,48<br>*0.216* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35,19<br>*1.385* | 84,6<br>*3.331* | 93,3<br>*3.673* | 8,077<br>*0.318* | 8.077x6.05 | 6,8<br>*0.268* | 3 | B |
| T34-PH01B93-10X1.5-65R | 10280482 | M10 | 1,5 | 6,9<br>*0.272* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39,14<br>*1.541* | 93,1<br>*3.665* | 100,0<br>*3.937* | 9,667<br>*0.381* | 9.667x7.26 | 8,5<br>*0.335* | 3 | B |
| T34-PH01B96-12X1.75-65R | 10280483 | M12 | 1,75 | 8,11<br>*0.319* | 12,0<br>*0.472* | 18,0<br>*0.709* | 81,82<br>*3.221* | 101,89<br>*4.011* | 110,0<br>*4.331* | 9,322<br>*0.367* | 9.322x6.99 | 10,2<br>*0.402* | 3 | B |
| T34-PH01B96-16X2-65R | 10280484 | M16 | 2,0 | 9,36<br>*0.369* | 16,0<br>*0.630* | 20,0<br>*0.787* | 65,78<br>*2.590* | 100,64<br>*3.962* | 110,0<br>*4.331* | 12,192<br>*0.480* | 12.192x9.14 | 14,0<br>*0.551* | 3 | B |
| T34-PH01B96-18X2.5-65R | 10280485 | M18 | 2,5 | 11,3<br>*0.445* | 18,0<br>*0.709* | 25,0<br>*0.984* | 79<br>*3.110* | 113,5<br>*4.469* | 125,0<br>*4.921* | 13,767<br>*0.542* | 13.767x10.31 | 15,5<br>*0.610* | 4 | B |
| T34-PH01B96-20X2.5-65R | 10280486 | M20 | 2,5 | 11,4<br>*0.449* | 20,0<br>*0.787* | 25,0<br>*0.984* | 92,47<br>*3.641* | 128,5<br>*5.059* | 140,0<br>*5.512* | 16,561<br>*0.652* | 16.561x12.42 | 17,5<br>*0.689* | 4 | B |
| T34-PH01B96-24X3-65R | 10280487 | M24 | 3,0 | 13,62<br>*0.536* | 24,0<br>*0.945* | 30,0<br>*1.181* | 96,95<br>*3.817* | 146,18<br>*5.755* | 160,0<br>*6.299* | 19,304<br>*0.760* | 19.304x14.48 | 21,0<br>*0.827* | 4 | B |

## T34B-PHB

Găuri străpunse – Fileturi metrice rare






- Agent de răcire intern
- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN371
- Clasa de toleranţă a filetului: 6HX
- Regimuri de aşchiere, vezi pagina(paginile) 252

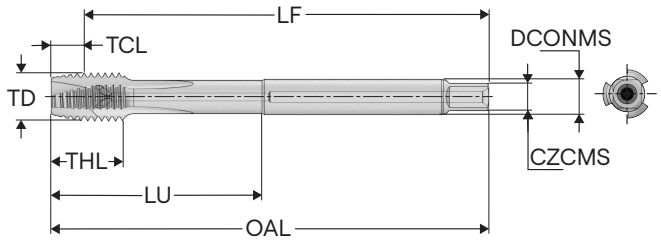
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34B-PH01B03-5X0.8-65R | 10139333 | M5 | 0,8 | 3,71<br>*0.146* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 66,29<br>*2.610* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T34B-PH01B03-6X1-65R | 10139334 | M6 | 1,0 | 4,5<br>*0.177* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 75,5<br>*2.972* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | B |
| T34B-PH01B03-8X1.25-65R | 10139335 | M8 | 1,25 | 5,48<br>*0.216* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 84,52<br>*3.328* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | B |
| T34B-PH01B03-10X1.5-65R | 10139336 | M10 | 1,5 | 6,9<br>*0.272* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 93,1<br>*3.665* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T34B-PHB

Găuri străpunse – Fileturi metrice rare






- Agent de răcire intern
- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN376
- Clasa de toleranţă a filetului: 6HX
- Regimuri de aşchiere, vezi pagina(paginile) 252

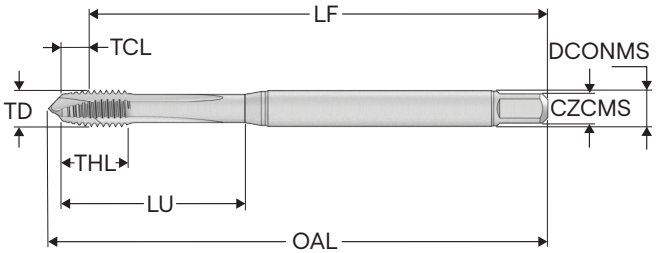
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34B-PH01B06-12X1.75-65R | 10139337 | M12 | 1,75 | 8,11<br>*0.319* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 101,89<br>*4.011* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | B |
| T34B-PH01B06-14X2-65R | 10139338 | M14 | 2,0 | 9,26<br>*0.365* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 100,74<br>*3.966* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 3 | B |
| T34B-PH01B06-16X2-65R | 10139339 | M16 | 2,0 | 9,36<br>*0.369* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 100,64<br>*3.962* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

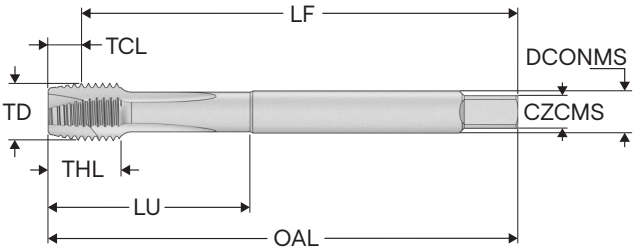
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH02B03-3X0.35-65R | 10139340 | MF3X0.35 | 0,35 | 1,6<br>*0.063* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,4<br>*2.142* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | B |
| T34-PH02B03-3.5X0.35-65R | 10139341 | MF3.5X0.35 | 0,35 | 1,6<br>*0.063* | 3,5<br>*0.138* | 5,0<br>*0.197* | 20<br>*0.787* | 54,4<br>*2.142* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 3,15<br>*0.124* | 3 | B |
| T34-PH02B03-4X0.5-65R | 10139342 | MF4X0.5 | 0,5 | 2,3<br>*0.091* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 60,7<br>*2.390* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | B |
| T34-PH02B03-5X0.5-65R | 10139343 | MF5X0.5 | 0,5 | 2,3<br>*0.091* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,7<br>*2.665* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | B |
| T34-PH02B03-6X0.5-65R | 10139344 | MF6X0.5 | 0,5 | 2,34<br>*0.092* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,66<br>*3.057* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,5<br>*0.217* | 3 | B |
| T34-PH02B03-6X0.75-65R | 10139345 | MF6X0.75 | 0,75 | 3,4<br>*0.134* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 76,6<br>*3.016* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,2<br>*0.205* | 3 | B |
| T34-PH02B03-8X0.75-65R | 10139346 | MF8X0.75 | 0,75 | 3,4<br>*0.134* | 8,0<br>*0.315* | 10,0<br>*0.394* | 30<br>*1.181* | 76,6<br>*3.016* | 83,6<br>*3.291* | 8,0<br>*0.315* | 8.00X6.20 | 7,2<br>*0.283* | 3 | B |
| T34-PH02B03-8X1-65R | 10139347 | MF8X1.0 | 1,0 | 4,45<br>*0.175* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 85,55<br>*3.368* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | B |
| T34-PH02B03-10X0.75-65R | 10139348 | MF10X0.75 | 0,75 | 3,8<br>*0.150* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 86,2<br>*3.394* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,2<br>*0.362* | 3 | B |
| T34-PH02B03-10X1-65R | 10139349 | MF10X1.0 | 1,0 | 5,25<br>*0.207* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 84,75<br>*3.337* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | B |
| T34-PH02B03-10X1.25-65R | 10139350 | MF10X1.25 | 1,25 | 6,28<br>*0.247* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 93,72<br>*3.690* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,8<br>*0.346* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi MF






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN374
- Clasa de toleranţă a filetului: 6HX
- Regimuri de aşchiere, vezi pagina(paginile) 252

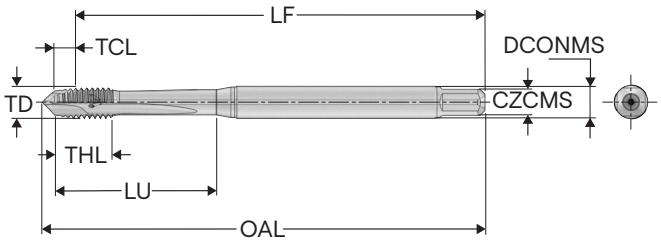
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH02B05-8X1-65R | 10139351 | MF8X1.0 | 1,0 | 4,75<br>*0.187* | 8,0<br>*0.315* | 10,0<br>*0.394* | 35<br>*1.378* | 85,25<br>*3.356* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | B |
| T34-PH02B05-10X1-65R | 10139352 | MF10X1.0 | 1,0 | 4,85<br>*0.191* | 10,0<br>*0.394* | 10,0<br>*0.394* | 35<br>*1.378* | 85,15<br>*3.352* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | B |
| T34-PH02B05-12X1-65R | 10139353 | MF12X1.0 | 1,0 | 4,98<br>*0.196* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 95,02<br>*3.741* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,0<br>*0.433* | 3 | B |
| T34-PH02B05-12X1.25-65R | 10139354 | MF12X1.25 | 1,25 | 7,07<br>*0.278* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 92,93<br>*3.659* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,8<br>*0.425* | 3 | B |
| T34-PH02B05-12X1.5-65R | 10139355 | MF12X1.5 | 1,5 | 6,03<br>*0.237* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 93,97<br>*3.700* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | B |
| T34-PH02B05-14X1.5-65R | 10139356 | MF14X1.5 | 1,5 | 7,17<br>*0.282* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 92,83<br>*3.655* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 3 | B |
| T34-PH02B05-16X1.5-65R | 10139357 | MF16X1.5 | 1,5 | 7,27<br>*0.286* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 92,73<br>*3.651* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 3 | B |
| T34-PH02B05-18X1.5-65R | 10139358 | MF18X1.5 | 1,5 | 7,17<br>*0.282* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 102,83<br>*4.048* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | B |
| T34-PH02B05-20X1.5-65R | 10139359 | MF20X1.5 | 1,5 | 7,27<br>*0.286* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 117,73<br>*4.635* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 18,5<br>*0.728* | 4 | B |
| T34-PH02B05-22X1.5-65R | 10139360 | MF22X1.5 | 1,5 | 7,27<br>*0.286* | 22,0<br>*0.866* | 17,0<br>*0.669* | 78<br>*3.071* | 117,73<br>*4.635* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | B |
| T34-PH02B05-24X1.5-65R | 10139361 | MF24X1.5 | 1,5 | 7,41<br>*0.292* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 132,59<br>*5.220* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,5<br>*0.886* | 4 | B |

## T34B-PHB

Găuri străpunse – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

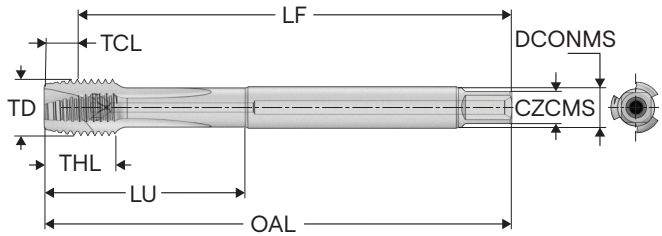
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34B-PH02B03-8X1-65R | 10139362 | MF8X1.0 | 1,0 | 4,45<br>*0.175* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 85,55<br>*3.368* | 93,4<br>*3.677* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | B |
| T34B-PH02B03-10X1-65R | 10139363 | MF10X1.0 | 1,0 | 5,25<br>*0.207* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 84,75<br>*3.337* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | B |

## T34B-PHB

Găuri străpunse – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

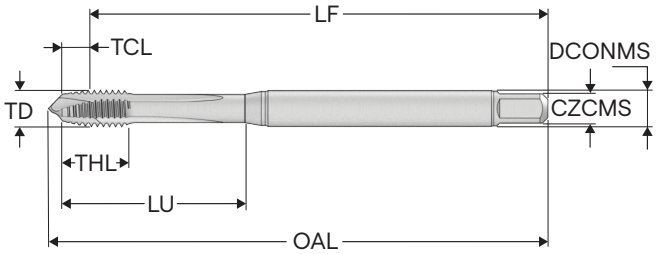
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34B-PH02B05-8X1-65R | 10139364 | MF8X1.0 | 1,0 | 4,75<br>*0.187* | 8,0<br>*0.315* | 10,0<br>*0.394* | 35<br>*1.378* | 85,25<br>*3.356* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | B |
| T34B-PH02B05-10X1-65R | 10139365 | MF10X1.0 | 1,0 | 4,85<br>*0.191* | 10,0<br>*0.394* | 10,0<br>*0.394* | 35<br>*1.378* | 85,15<br>*3.352* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | B |
| T34B-PH02B05-12X1.5-65R | 10139366 | MF12X1.5 | 1,5 | 7,07<br>*0.278* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 92,93<br>*3.659* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | B |
| T34B-PH02B05-14X1.5-65R | 10139367 | MF14X1.5 | 1,5 | 7,17<br>*0.282* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 92,83<br>*3.655* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 3 | B |
| T34B-PH02B05-16X1.5-65R | 10139368 | MF16X1.5 | 1,5 | 7,27<br>*0.286* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 92,73<br>*3.651* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 252

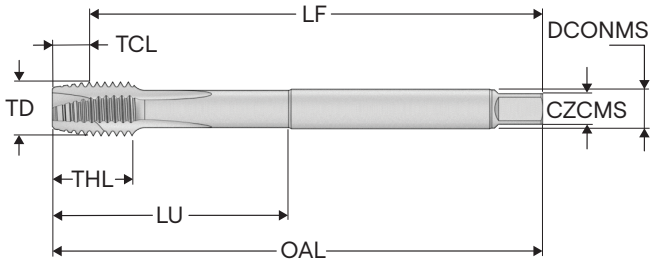
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH08B03-4-40-22R | 10139041 | UNC4-40 | 40,0 | 2,83<br>*0.111* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 53,17<br>*2.093* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,35<br>*0.093* | 3 | B |
| T34-PH08B03-5-40-22R | 10139042 | UNC5-40 | 40,0 | 2,94<br>*0.116* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 53,06<br>*2.089* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | B |
| T34-PH08B03-6-32-22R | 10139043 | UNC6-32 | 32,0 | 3,74<br>*0.147* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 52,26<br>*2.057* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,85<br>*0.112* | 3 | B |
| T34-PH08B03-8-32-22R | 10139044 | UNC8-32 | 32,0 | 3,62<br>*0.143* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 59,38<br>*2.338* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | B |
| T34-PH08B03-10-24-22R | 10139045 | UNC10-24 | 24,0 | 4,86<br>*0.191* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 65,14<br>*2.565* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 3,9<br>*0.154* | 3 | B |
| T34-PH08B03-12-24-22R | 10139046 | UNC12-24 | 24,0 | 4,74<br>*0.187* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 75,26<br>*2.963* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | B |
| T34-PH08B03-1/4-20-22R | 10139047 | UNC1/4-20 | 20,0 | 5,65<br>*0.222* | 6,35<br>*0.250* | 13,0<br>*0.512* | 32<br>*1.260* | 74,35<br>*2.927* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,1<br>*0.201* | 3 | B |
| T34-PH08B03-5/16-18-22R | 10139048 | UNC5/16-18 | 18,0 | 6,31<br>*0.248* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 83,69<br>*3.295* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | B |
| T34-PH08B03-3/8-16-22R | 10139049 | UNC3/8-16 | 16,0 | 7,37<br>*0.290* | 9,525<br>*0.375* | 15,0<br>*0.591* | 39<br>*1.535* | 92,63<br>*3.647* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,0<br>*0.315* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi UNC






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN376
- Clasa de toleranţă a filetului: 2BX
- Regimuri de aşchiere, vezi pagina(paginile) 252

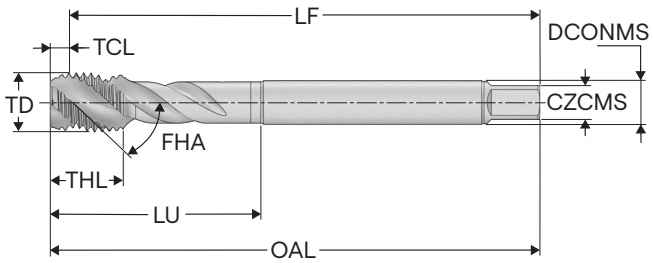
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH08B06-7/16-14-22R | 10139050 | UNC7/16-14 | 14,0 | 8,36<br>*0.329* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 91,64<br>*3.608* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,3<br>*0.366* | 3 | B |
| T34-PH08B06-1/2-13-22R | 10139051 | UNC1/2-13 | 13,0 | 9,01<br>*0.355* | 12,7<br>*0.500* | 18,0<br>*0.709* | 83<br>*3.268* | 100,99<br>*3.976* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,7<br>*0.421* | 3 | B |
| T34-PH08B06-9/16-12-22R | 10139052 | UNC9/16-12 | 12,0 | 9,87<br>*0.389* | 14,287<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 100,13<br>*3.942* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,3<br>*0.484* | 3 | B |
| T34-PH08B06-5/8-11-22R | 10139053 | UNC5/8-11 | 11,0 | 10,62<br>*0.418* | 15,875<br>*0.625* | 22,0<br>*0.866* | 68<br>*2.677* | 99,38<br>*3.913* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,5<br>*0.531* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi UNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 252

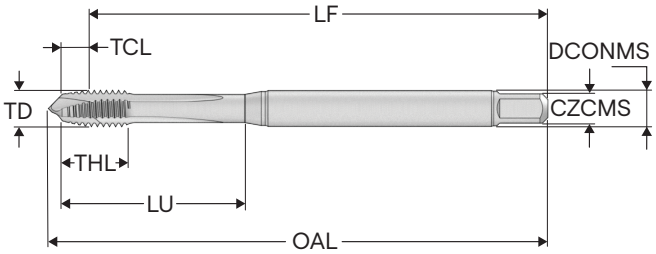
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T34-PH08B93-4-40-22R | 10280445 | UNC4-40 | 40.0 | 0.111 | 0.112 | 0.197 | 0.720 | 2.098 | 2.252 | 0.141 | 3.581x2.79 | 0.093 | 3 | B |
| T34-PH08B93-5-40-22R | 10280446 | UNC5-40 | 40.0 | 0.116 | 0.125 | 0.276 | 0.714 | 2.091 | 2.252 | 0.141 | 3.581x2.79 | 0.104 | 3 | B |
| T34-PH08B93-6-32-22R | 10280447 | UNC6-32 | 32.0 | 0.147 | 0.138 | 0.236 | 0.799 | 2.063 | 2.260 | 0.141 | 3.581x2.79 | 0.112 | 3 | B |
| T34-PH08B93-8-32-22R | 10280448 | UNC8-32 | 32.0 | 0.143 | 0.164 | 0.276 | 0.832 | 2.339 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | B |
| T34-PH08B93-10-24-22R | 10280449 | UNC10-24 | 24.0 | 0.191 | 0.190 | 0.315 | 1.000 | 2.575 | 2.835 | 0.194 | 4.928x3.86 | 0.154 | 3 | B |
| T34-PH08B93-12-24-22R | 10280450 | UNC12-24 | 24.0 | 0.187 | 0.216 | 0.394 | 1.191 | 2.969 | 3.236 | 0.220 | 5.588x4.19 | 0.177 | 3 | B |
| T34-PH08B93-1/4-20-22R | 10280451 | UNC1/4-20 | 20.0 | 0.222 | 0.250 | 0.512 | 1.187 | 2.925 | 3.244 | 0.255 | 6.477x4.85 | 0.201 | 3 | B |
| T34-PH08B93-5/16-18-22R | 10280452 | UNC5/16-18 | 18.0 | 0.248 | 0.312 | 0.512 | 1.391 | 3.303 | 3.673 | 0.318 | 8.077x6.05 | 0.260 | 3 | B |
| T34-PH08B93-3/8-16-22R | 10280453 | UNC3/8-16 | 16.0 | 0.290 | 0.375 | 0.591 | 1.541 | 3.646 | 3.937 | 0.381 | 9.667x7.26 | 0.315 | 3 | B |
| T34-PH08B96-7/16-14-22R | 10280454 | UNC7/16-14 | 14.0 | 0.329 | 0.437 | 0.591 | 2.858 | 3.608 | 3.937 | 0.323 | 8.204x6.15 | 0.366 | 3 | B |
| T34-PH08B96-1/2-13-22R | 10280455 | UNC1/2-13 | 13.0 | 0.355 | 0.500 | 0.709 | 3.221 | 3.972 | 4.331 | 0.367 | 9.322x6.99 | 0.421 | 3 | B |
| T34-PH08B96-9/16-12-22R | 10280456 | UNC9/16-12 | 12.0 | 0.389 | 0.562 | 0.787 | 3.161 | 3.942 | 4.331 | 0.429 | 10.897x8.18 | 0.484 | 3 | B |
| T34-PH08B96-5/8-11-22R | 10280457 | UNC5/8-11 | 11.0 | 0.418 | 0.625 | 0.866 | 2.590 | 3.913 | 4.331 | 0.480 | 12.192x9.14 | 0.531 | 3 | B |
| T34-PH08B96-3/4-10-22R | 10280458 | UNC3/4-10 | 10.0 | 0.475 | 0.750 | 1.260 | 3.050 | 4.446 | 4.921 | 0.590 | 14.986x11.23 | 0.650 | 4 | B |
| T34-PH08B96-7/8-9-22R | 10280459 | UNC7/8-9 | 9.0 | 0.513 | 0.875 | 1.260 | 3.581 | 4.998 | 5.512 | 0.697 | 17.704x13.28 | 0.768 | 4 | B |
| T34-PH08B96-1-8-22R | 10280460 | UNC1-8 | 8.0 | 0.577 | 1.000 | 1.496 | 3.757 | 5.722 | 6.299 | 0.800 | 20.320x15.24 | 0.876 | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 252

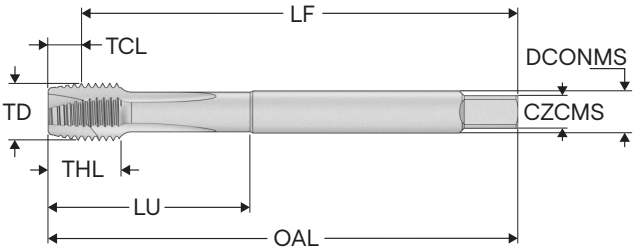
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH09B03-4-48-22R | 10139369 | UNF4-48 | 48,0 | 2,48<br>*0.098* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 53,52<br>*2.107* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,4<br>*0.094* | 3 | B |
| T34-PH09B03-5-44-22R | 10139370 | UNF5-44 | 44,0 | 2,6<br>*0.102* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 53,4<br>*2.102* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,7<br>*0.106* | 3 | B |
| T34-PH09B03-6-40-22R | 10139371 | UNF6-40 | 40,0 | 3,05<br>*0.120* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 52,95<br>*2.085* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,95<br>*0.116* | 3 | B |
| T34-PH09B03-8-36-22R | 10139372 | UNF8-36 | 36,0 | 3,28<br>*0.129* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 59,72<br>*2.351* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | B |
| T34-PH09B03-10-32-22R | 10139373 | UNF10-32 | 32,0 | 3,5<br>*0.138* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 66,5<br>*2.618* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,1<br>*0.161* | 3 | B |
| T34-PH09B03-12-28-22R | 10139374 | UNF12-28 | 28,0 | 4,05<br>*0.159* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 75,95<br>*2.990* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,6<br>*0.181* | 3 | B |
| T34-PH09B03-1/4-28-22R | 10139375 | UNF1/4-28 | 28,0 | 3,94<br>*0.155* | 6,35<br>*0.250* | 10,0<br>*0.394* | 30<br>*1.181* | 76,06<br>*2.994* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,5<br>*0.217* | 3 | B |
| T34-PH09B03-5/16-24-22R | 10139376 | UNF5/16-24 | 24,0 | 4,6<br>*0.181* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 85,4<br>*3.362* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,9<br>*0.272* | 3 | B |
| T34-PH09B03-3/8-24-22R | 10139377 | UNF3/8-24 | 24,0 | 4,98<br>*0.196* | 9,525<br>*0.375* | 15,0<br>*0.591* | 35<br>*1.378* | 85,02<br>*3.347* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 252

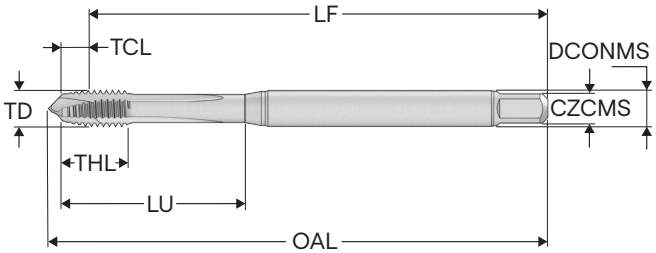
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH09B05-7/16-20-22R | 10139378 | UNF7/16-20 | 20,0 | 5,95<br>*0.234* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 94,05<br>*3.703* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,9<br>*0.390* | 3 | B |
| T34-PH09B05-1/2-20-22R | 10139379 | UNF1/2-20 | 20,0 | 6,14<br>*0.242* | 12,7<br>*0.500* | 15,0<br>*0.591* | 73<br>*2.874* | 93,86<br>*3.695* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | B |
| T34-PH09B05-9/16-18-22R | 10139380 | UNF9/16-18 | 18,0 | 6,8<br>*0.268* | 14,287<br>*0.562* | 15,0<br>*0.591* | 71<br>*2.795* | 93,2<br>*3.669* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 3 | B |
| T34-PH09B05-5/8-18-22R | 10139381 | UNF5/8-18 | 18,0 | 6,87<br>*0.270* | 15,875<br>*0.625* | 15,0<br>*0.591* | 58<br>*2.283* | 93,13<br>*3.667* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi UNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 252

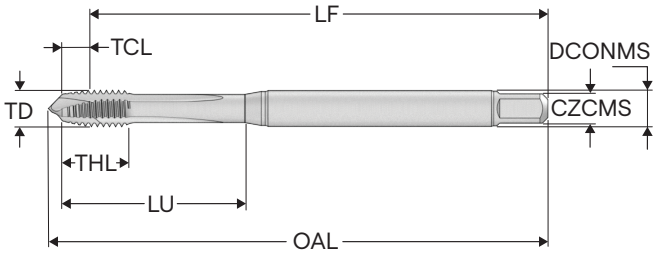
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T34-PH09B93-4-48-22R | 10280461 | UNF4-48 | 48.0 | 0.098 | 0.112 | 0.197 | 0.718 | 2.110 | 2.252 | 0.141 | 3.581x2.79 | 0.094 | 3 | B |
| T34-PH09B93-5-44-22R | 10280462 | UNF5-44 | 44.0 | 0.102 | 0.125 | 0.276 | 0.712 | 2.102 | 2.252 | 0.141 | 3.581x2.79 | 0.106 | 3 | B |
| T34-PH09B93-6-40-22R | 10280463 | UNF6-40 | 40.0 | 0.120 | 0.138 | 0.236 | 0.795 | 2.087 | 2.260 | 0.141 | 3.581x2.79 | 0.116 | 3 | B |
| T34-PH09B93-8-36-22R | 10280464 | UNF8-36 | 36.0 | 0.129 | 0.164 | 0.276 | 0.830 | 2.350 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | B |
| T34-PH09B93-10-32-22R | 10280465 | UNF10-32 | 32.0 | 0.138 | 0.190 | 0.315 | 0.992 | 2.622 | 2.835 | 0.194 | 4.928x3.86 | 0.161 | 3 | B |
| T34-PH09B93-12-28-22R | 10280466 | UNF12-28 | 28.0 | 0.159 | 0.216 | 0.394 | 1.187 | 2.988 | 3.236 | 0.220 | 5.588x4.19 | 0.181 | 3 | B |
| T34-PH09B93-1/4-28-22R | 10280467 | UNF1/4-28 | 28.0 | 0.155 | 0.250 | 0.394 | 1.177 | 2.984 | 3.244 | 0.255 | 6.477x4.85 | 0.217 | 3 | B |
| T34-PH09B93-5/16-24-22R | 10280468 | UNF5/16-24 | 24.0 | 0.181 | 0.312 | 0.512 | 1.381 | 3.358 | 3.673 | 0.318 | 8.077x6.05 | 0.272 | 3 | B |
| T34-PH09B93-3/8-24-22R | 10280469 | UNF3/8-24 | 24.0 | 0.196 | 0.375 | 0.591 | 1.383 | 3.346 | 3.543 | 0.381 | 9.667x7.26 | 0.335 | 3 | B |
| T34-PH09B95-7/16-20-22R | 10280470 | UNF7/16-20 | 20.0 | 0.234 | 0.437 | 0.591 | 2.858 | 3.703 | 3.937 | 0.323 | 8.204x6.15 | 0.390 | 3 | B |
| T34-PH09B95-1/2-20-22R | 10280471 | UNF1/2-20 | 20.0 | 0.242 | 0.500 | 0.591 | 2.828 | 3.699 | 3.937 | 0.367 | 9.322x6.99 | 0.453 | 3 | B |
| T34-PH09B95-9/16-18-22R | 10280472 | UNF9/16-18 | 18.0 | 0.268 | 0.562 | 0.591 | 2.768 | 3.669 | 3.937 | 0.429 | 10.897x8.18 | 0.512 | 3 | B |
| T34-PH09B95-5/8-18-22R | 10280473 | UNF5/8-18 | 18.0 | 0.270 | 0.625 | 0.591 | 2.196 | 3.667 | 3.937 | 0.480 | 12.192x9.14 | 0.571 | 3 | B |
| T34-PH09B95-3/4-16-22R | 10280474 | UNF3/4-16 | 16.0 | 0.304 | 0.750 | 0.945 | 2.459 | 4.026 | 4.331 | 0.590 | 14.986x11.23 | 0.689 | 4 | B |
| T34-PH09B95-7/8-14-22R | 10280475 | UNF7/8-14 | 14.0 | 0.333 | 0.875 | 0.945 | 2.990 | 4.720 | 4.921 | 0.697 | 17.704x13.28 | 0.807 | 4 | B |
| T34-PH09B95-1-12-22R | 10280476 | UNF1-12 | 12.0 | 0.387 | 1.000 | 1.063 | 2.970 | 5.125 | 5.512 | 0.800 | 20.320x15.24 | 0.917 | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi EGM






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H mod.
—Regimuri de aşchiere, vezi pagina(paginile) 252

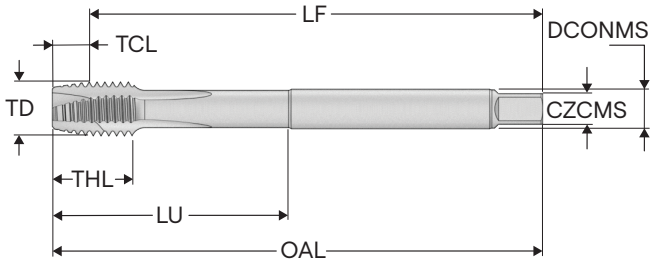
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH04B03-2X0.4-64R | 10139382 | EGM2 | 0,4 | 2,07<br>*0.081* | 2,52<br>*0.099* | 9,0<br>*0.354* | 14<br>*0.551* | 47,93<br>*1.887* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,1<br>*0.083* | 2 | B |
| T34-PH04B03-2.5X0.45-64R | 10139383 | EGM2.5 | 0,45 | 2,13<br>*0.084* | 3,084<br>*0.121* | 10,0<br>*0.394* | 18<br>*0.709* | 53,87<br>*2.121* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | B |
| T34-PH04B03-3X0.5-64R | 10139384 | EGM3 | 0,5 | 2,03<br>*0.080* | 3,65<br>*0.144* | 12,0<br>*0.472* | 21<br>*0.827* | 60,97<br>*2.400* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,15<br>*0.124* | 3 | B |
| T34-PH04B03-4X0.7-64R | 10139385 | EGM4 | 0,7 | 3,27<br>*0.129* | 4,91<br>*0.193* | 14,0<br>*0.551* | 25<br>*0.984* | 66,73<br>*2.627* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | B |
| T34-PH04B03-5X0.8-64R | 10139386 | EGM5 | 0,8 | 3,72<br>*0.146* | 6,04<br>*0.238* | 18,0<br>*0.709* | 30<br>*1.181* | 76,28<br>*3.003* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,25<br>*0.207* | 3 | B |
| T34-PH04B03-6X1-64R | 10139387 | EGM6 | 1,0 | 4,7<br>*0.185* | 7,3<br>*0.287* | 18,0<br>*0.709* | 35<br>*1.378* | 85,3<br>*3.358* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,3<br>*0.248* | 3 | B |
| T34-PH04B03-8X1.25-64R | 10139388 | EGM8 | 1,25 | 5,8<br>*0.228* | 9,624<br>*0.379* | 20,0<br>*0.787* | 39<br>*1.535* | 94,2<br>*3.709* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,4<br>*0.331* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi EGM






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN376
- Clasa de toleranţă a filetului: 6H mod.
- Regimuri de aşchiere, vezi pagina(paginile) 252

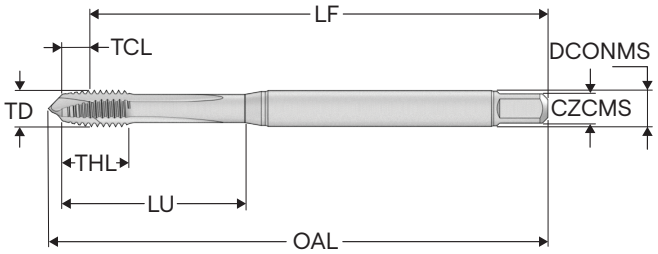
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH04B06-10X1.5-64R | 10139409 | EGM10 | 1,5 | 7,41<br>*0.292* | 11,948<br>*0.470* | 15,0<br>*0.591* | 73<br>*2.874* | 92,59<br>*3.645* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | B |
| T34-PH04B06-12X1.75-64R | 10139410 | EGM12 | 1,75 | 8,29<br>*0.326* | 14,274<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 101,71<br>*4.004* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | B |
| T34-PH04B06-14X2-64R | 10139411 | EGM14 | 2,0 | 9,14<br>*0.360* | 16,598<br>*0.653* | 20,0<br>*0.787* | 68<br>*2.677* | 100,86<br>*3.971* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | B |
| T34-PH04B06-16X2-64R | 10139412 | EGM16 | 2,0 | 9,14<br>*0.360* | 18,598<br>*0.732* | 20,0<br>*0.787* | 81<br>*3.189* | 115,86<br>*4.561* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | B |
| T34-PH04B06-18X2.5-64R | 10139413 | EGM18 | 2,5 | 11,45<br>*0.451* | 21,248<br>*0.837* | 27,0<br>*1.063* | 93<br>*3.661* | 128,55<br>*5.061* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 18,75<br>*0.738* | 4 | B |
| T34-PH04B06-20X2.5-64R | 10139414 | EGM20 | 2,5 | 11,45<br>*0.451* | 23,248<br>*0.915* | 30,0<br>*1.181* | 113<br>*4.449* | 148,55<br>*5.848* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 20,75<br>*0.817* | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi EGUNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 252

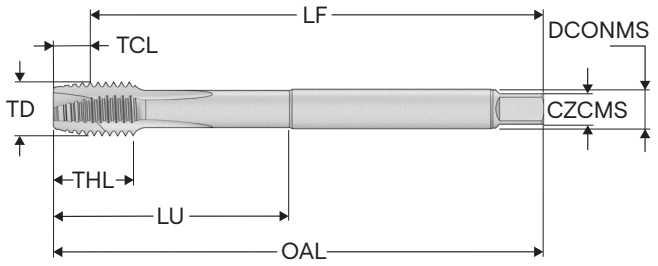
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH16B03-4-40-21R | 10139389 | EGUNC4-40 | 40,0 | 2,83<br>*0.111* | 3,67<br>*0.144* | 13,0<br>*0.512* | 21<br>*0.827* | 60,17<br>*2.369* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,1<br>*0.122* | 3 | B |
| T34-PH16B03-6-32-21R | 10139390 | EGUNC6-32 | 32,0 | 3,75<br>*0.148* | 4,536<br>*0.179* | 14,0<br>*0.551* | 25<br>*0.984* | 66,25<br>*2.608* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | B |
| T34-PH16B03-8-32-21R | 10139391 | EGUNC8-32 | 32,0 | 3,73<br>*0.147* | 5,197<br>*0.205* | 16,0<br>*0.630* | 30<br>*1.181* | 76,27<br>*3.003* | 82,1<br>*3.232* | 6,0<br>*0.236* | 6.00X4.90 | 4,4<br>*0.173* | 3 | B |
| T34-PH16B03-10-24-21R | 10139392 | EGUNC10-24 | 24,0 | 3,5<br>*0.138* | 6,2<br>*0.244* | 17,0<br>*0.669* | 30<br>*1.181* | 76,5<br>*3.012* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,2<br>*0.205* | 3 | B |
| T34-PH16B03-1/4-20-21R | 10139393 | EGUNC1/4-20 | 20,0 | 5,71<br>*0.225* | 8,001<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,29<br>*3.319* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 6,7<br>*0.264* | 3 | B |
| T34-PH16B03-5/16-18-21R | 10139394 | EGUNC5/16-18 | 18,0 | 6,61<br>*0.260* | 9,771<br>*0.385* | 22,0<br>*0.866* | 39<br>*1.535* | 93,39<br>*3.677* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,4<br>*0.331* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi EGUNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 252

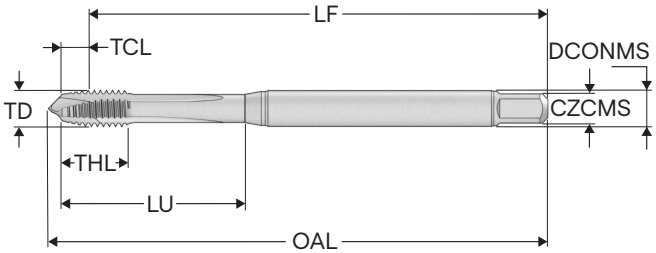
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH16B06-3/8-16-21R | 10139415 | EGUNC3/8-16 | 16,0 | 7,6<br>*0.299* | 11,587<br>*0.456* | 15,0<br>*0.591* | 73<br>*2.874* | 92,4<br>*3.638* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,0<br>*0.394* | 3 | B |
| T34-PH16B06-7/16-14-21R | 10139416 | EGUNC7/16-14 | 14,0 | 8,6<br>*0.339* | 13,47<br>*0.530* | 18,0<br>*0.709* | 81<br>*3.189* | 101,4<br>*3.992* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 11,6<br>*0.457* | 3 | B |
| T34-PH16B06-1/2-13-21R | 10139417 | EGUNC1/2-13 | 13,0 | 9,3<br>*0.366* | 15,237<br>*0.600* | 18,0<br>*0.709* | 68<br>*2.677* | 100,7<br>*3.965* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,3<br>*0.524* | 3 | B |
| T34-PH16B06-9/16-12-21R | 10139418 | EGUNC9/16-12 | 12,0 | 9,7<br>*0.382* | 17,038<br>*0.671* | 20,0<br>*0.787* | 68<br>*2.677* | 100,3<br>*3.949* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,9<br>*0.587* | 4 | B |
| T34-PH16B06-5/8-11-21R | 10139419 | EGUNC5/8-11 | 11,0 | 10,6<br>*0.417* | 18,875<br>*0.743* | 20,0<br>*0.787* | 81<br>*3.189* | 114,4<br>*4.504* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | B |
| T34-PH16B06-3/4-10-21R | 10139420 | EGUNC3/4-10 | 10,0 | 11,8<br>*0.465* | 22,349<br>*0.880* | 25,0<br>*0.984* | 93<br>*3.661* | 128,2<br>*5.047* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,75<br>*0.778* | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi EGUNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 252

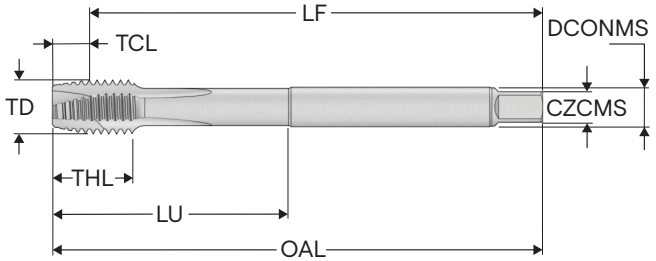
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH17B03-4-48-21R | 10139395 | EGUNF4-48 | 48,0 | 2,36<br>*0.093* | 3,533<br>*0.139* | 9,0<br>*0.354* | 20<br>*0.787* | 53,64<br>*2.112* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 3,0<br>*0.118* | 3 | B |
| T34-PH17B03-6-40-21R | 10139396 | EGUNF6-40 | 40,0 | 2,75<br>*0.108* | 4,331<br>*0.171* | 10,0<br>*0.394* | 25<br>*0.984* | 67,25<br>*2.648* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,7<br>*0.146* | 3 | B |
| T34-PH17B03-8-36-21R | 10139397 | EGUNF8-36 | 36,0 | 2,93<br>*0.115* | 5,083<br>*0.200* | 13,0<br>*0.512* | 30<br>*1.181* | 77,07<br>*3.034* | 82,1<br>*3.232* | 6,0<br>*0.236* | 6.00X4.90 | 4,4<br>*0.173* | 3 | B |
| T34-PH17B03-10-32-21R | 10139398 | EGUNF10-32 | 32,0 | 3,5<br>*0.138* | 5,857<br>*0.231* | 13,0<br>*0.512* | 30<br>*1.181* | 76,5<br>*3.012* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,1<br>*0.201* | 3 | B |
| T34-PH17B03-1/4-28-21R | 10139399 | EGUNF1/4-28 | 28,0 | 4,09<br>*0.161* | 7,529<br>*0.296* | 17,0<br>*0.669* | 35<br>*1.378* | 85,91<br>*3.382* | 93,2<br>*3.669* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | B |
| T34-PH17B03-5/16-24-21R | 10139400 | EGUNF5/16-24 | 24,0 | 5,1<br>*0.201* | 9,312<br>*0.367* | 18,0<br>*0.709* | 35<br>*1.378* | 84,97<br>*3.345* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,25<br>*0.325* | 3 | B |

## T34-PHB

Găuri străpunse – Fileturi EGUNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—Regimuri de aşchiere, vezi pagina(paginile) 252

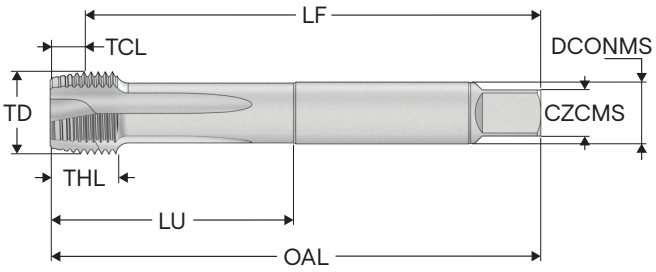
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH17B06-3/8-24-21R | 10139421 | EGUNF3/8-24 | 24,0 | 4,43<br>*0.174* | 10,899<br>*0.429* | 12,0<br>*0.472* | 66<br>*2.598* | 85,57<br>*3.369* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.00 | 9,8<br>*0.386* | 3 | B |
| T34-PH17B06-7/16-20-21R | 10139422 | EGUNF7/16-20 | 20,0 | 6,2<br>*0.244* | 12,763<br>*0.502* | 15,0<br>*0.591* | 73<br>*2.874* | 93,8<br>*3.693* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | B |
| T34-PH17B06-1/2-20-21R | 10139423 | EGUNF1/2-20 | 20,0 | 6,2<br>*0.244* | 14,351<br>*0.565* | 15,0<br>*0.591* | 71<br>*2.795* | 93,8<br>*3.693* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,1<br>*0.516* | 3 | B |
| T34-PH17B06-9/16-18-21R | 10139424 | EGUNF9/16-18 | 18,0 | 6,9<br>*0.272* | 16,121<br>*0.635* | 15,0<br>*0.591* | 58<br>*2.283* | 93,1<br>*3.665* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,7<br>*0.579* | 4 | B |
| T34-PH17B06-5/8-18-21R | 10139425 | EGUNF5/8-18 | 18,0 | 6,9<br>*0.272* | 17,709<br>*0.697* | 15,0<br>*0.591* | 66<br>*2.598* | 103,1<br>*4.059* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,25<br>*0.640* | 4 | B |
| T34-PH17B06-3/4-16-21R | 10139426 | EGUNF3/4-16 | 16,0 | 7,9<br>*0.311* | 21,112<br>*0.831* | 17,0<br>*0.669* | 80<br>*3.150* | 117,1<br>*4.610* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,5<br>*0.768* | 4 | B |

## T34-PHB

Găuri străpunse – Fileturi G






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL-X
—Regimuri de aşchiere, vezi pagina(paginile) 252

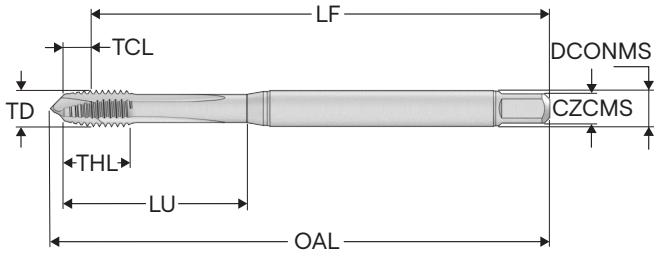
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PH21B09-1/8-28-12R | 10139401 | G1/8-28 | 28,0 | 4,49<br>*0.177* | 9,728<br>*0.383* | 10,0<br>*0.394* | 36<br>*1.417* | 85,51<br>*3.367* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | B |
| T34-PH21B09-1/4-19-12R | 10139402 | G1/4-19 | 19,0 | 6,85<br>*0.270* | 13,157<br>*0.518* | 14,0<br>*0.551* | 71<br>*2.795* | 93,15<br>*3.667* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 11,8<br>*0.465* | 3 | B |
| T34-PH21B09-3/8-19-12R | 10139403 | G3/8-19 | 19,0 | 6,97<br>*0.274* | 16,662<br>*0.656* | 15,0<br>*0.591* | 58<br>*2.283* | 93,03<br>*3.663* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 4 | B |
| T34-PH21B09-1/2-14-12R | 10139404 | G1/2-14 | 14,0 | 9,0<br>*0.354* | 20,955<br>*0.825* | 17,0<br>*0.669* | 80<br>*3.150* | 116,0<br>*4.567* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,0<br>*0.748* | 4 | B |
| T34-PH21B09-5/8-14-12R | 10139405 | G5/8-14 | 14,0 | 9,4<br>*0.370* | 22,911<br>*0.902* | 20,0<br>*0.787* | 78<br>*3.071* | 115,6<br>*4.551* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | B |
| T34-PH21B09-3/4-14-12R | 10139406 | G3/4-14 | 14,0 | 9,16<br>*0.361* | 26,441<br>*1.041* | 20,0<br>*0.787* | 77<br>*3.031* | 130,84<br>*5.151* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 24,5<br>*0.965* | 4 | B |
| T34-PH21B09-7/8-14-12R | 10139407 | G7/8-14 | 14,0 | 9,03<br>*0.356* | 30,201<br>*1.189* | 22,0<br>*0.866* | 85<br>*3.346* | 140,97<br>*5.550* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,25<br>*1.112* | 4 | B |
| T34-PH21B09-1-11-12R | 10139408 | G1-11 | 11,0 | 11,49<br>*0.452* | 33,249<br>*1.309* | 24,0<br>*0.945* | 93<br>*3.661* | 148,51<br>*5.847* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00X20.00 | 30,75<br>*1.211* | 4 | B |

## T34-PCB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 254

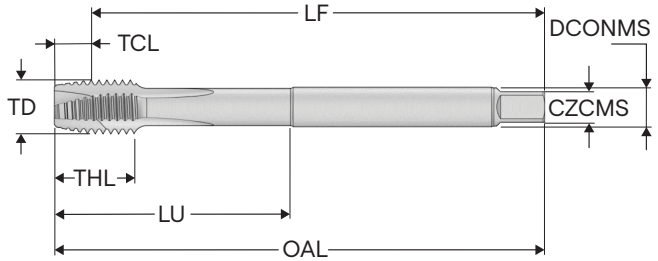
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PC01B03-3X0.5-65R | 10309940 | M3 | 0,5 | 2,3<br>*0.091* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 53,7<br>*2.114* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T34-PC01B03-4X0.7-65R | 10309941 | M4 | 0,7 | 3,03<br>*0.119* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 60,0<br>*2.362* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T34-PC01B03-5X0.8-65R | 10309942 | M5 | 0,8 | 3,71<br>*0.146* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 66,3<br>*2.610* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T34-PC01B03-6X1-65R | 10309943 | M6 | 1,0 | 4,45<br>*0.175* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T34-PC01B03-8X1.25-65R | 10309944 | M8 | 1,25 | 5,48<br>*0.216* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,6<br>*3.331* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T34-PC01B03-10X1.5-65R | 10309945 | M10 | 1,5 | 6,94<br>*0.273* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 93,1<br>*3.665* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T34-PCB

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 254

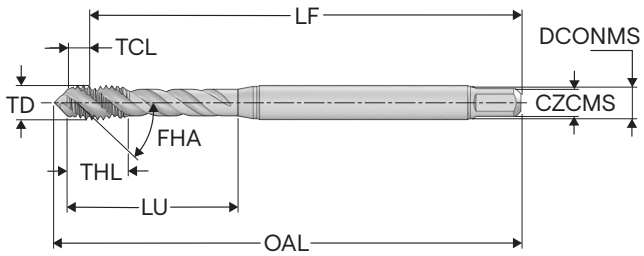
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-PC01B06-12X1.75-65R | 10309961 | M12 | 1,75 | 8,11<br>*0.319* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 101,9<br>*4.012* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T34-PC01B06-14X2-65R | 10309962 | M14 | 2,0 | 9,26<br>*0.365* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 100,7<br>*3.965* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 3 | B |
| T34-PC01B06-16X2-65R | 10309963 | M16 | 2,0 | 9,36<br>*0.369* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 100,6<br>*3.961* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T34-PC01B06-18X2.5-65R | 10309972 | M18 | 2,5 | 11,3<br>*0.445* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 113,7<br>*4.476* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | B |
| T34-PC01B06-20X2.5-65R | 10309973 | M20 | 2,5 | 11,4<br>*0.449* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 128,6<br>*5.063* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |

## T34-R45HC-micro

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 4H
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

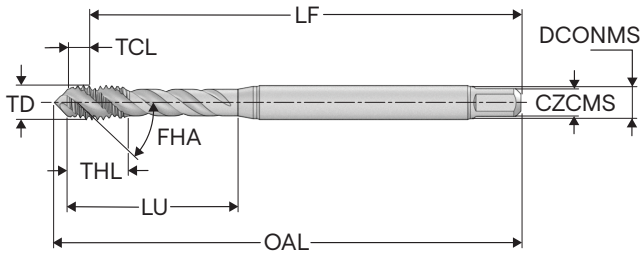
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01C03-1X0.25-41R | 10138952 | M1 | 0,25 | 0,59<br>*0.023* | 1,0<br>*0.039* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 40,9<br>*1.610* | 2,5<br>*0.098* | 2.50X2.10 | 0,75<br>*0.030* | 2 | C |
| T34-R45H01C03-1.1X0.25-41R | 10138953 | M1.1 | 0,25 | 0,59<br>*0.023* | 1,1<br>*0.043* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 41,0<br>*1.614* | 2,5<br>*0.098* | 2.50X2.10 | 0,85<br>*0.033* | 2 | C |
| T34-R45H01C03-1.2X0.25-41R | 10138954 | M1.2 | 0,25 | 0,59<br>*0.023* | 1,2<br>*0.047* | 6,0<br>*0.236* | 13<br>*0.512* | 39,41<br>*1.552* | 41,1<br>*1.618* | 2,5<br>*0.098* | 2.50X2.10 | 0,95<br>*0.037* | 2 | C |
| T34-R45H01C03-1.4X0.3-41R | 10138955 | M1.4 | 0,3 | 0,69<br>*0.027* | 1,4<br>*0.055* | 8,0<br>*0.315* | 13<br>*0.512* | 39,31<br>*1.548* | 41,3<br>*1.626* | 2,5<br>*0.098* | 2.50X2.10 | 1,1<br>*0.043* | 2 | C |

## T34-R45HC-micro

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

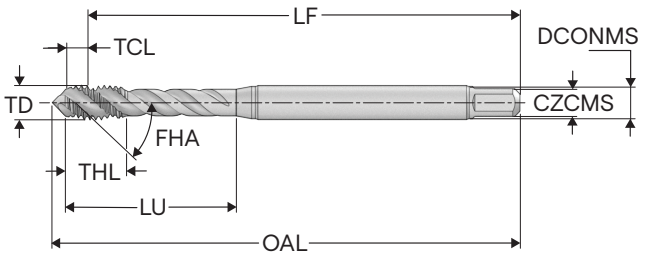
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01C03-1.6X0.35-63R | 10138956 | M1.6 | 0,35 | 0,8<br>*0.031* | 1,6<br>*0.063* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,4<br>*1.630* | 2,5<br>*0.098* | 2.50X2.10 | 1,25<br>*0.049* | 2 | C |
| T34-R45H01C03-1.7X0.35-63R | 10138957 | M1.7 | 0,35 | 0,8<br>*0.031* | 1,7<br>*0.067* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,5<br>*1.634* | 2,5<br>*0.098* | 2.50X2.10 | 1,35<br>*0.053* | 2 | C |
| T34-R45H01C03-1.8X0.35-63R | 10138958 | M1.8 | 0,35 | 0,8<br>*0.031* | 1,8<br>*0.071* | 8,0<br>*0.315* | 13<br>*0.512* | 39,2<br>*1.543* | 41,6<br>*1.638* | 2,5<br>*0.098* | 2.50X2.10 | 1,45<br>*0.057* | 2 | C |
| T34-R45H01C03-2X0.4-63R | 10138959 | M2 | 0,4 | 1,05<br>*0.041* | 2,0<br>*0.079* | 10,0<br>*0.394* | 13<br>*0.512* | 43,95<br>*1.730* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,6<br>*0.063* | 2 | C |
| T34-R45H01C03-2.2X0.45-63R | 10138960 | M2.2 | 0,45 | 1,15<br>*0.045* | 2,2<br>*0.087* | 10,0<br>*0.394* | 13<br>*0.512* | 43,85<br>*1.726* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,75<br>*0.069* | 2 | C |
| T34-R45H01C03-2.3X0.4-63R | 10138961 | M2.3 | 0,4 | 1,05<br>*0.041* | 2,3<br>*0.091* | 10,0<br>*0.394* | 13<br>*0.512* | 43,95<br>*1.730* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,9<br>*0.075* | 2 | C |
| T34-R45H01C03-2.5X0.45-63R | 10138962 | M2.5 | 0,45 | 1,06<br>*0.042* | 2,5<br>*0.098* | 5,0<br>*0.197* | 14<br>*0.551* | 48,94<br>*1.927* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,05<br>*0.081* | 2 | C |
| T34-R45H01C03-2.6X0.45-63R | 10138963 | M2.6 | 0,45 | 1,15<br>*0.045* | 2,6<br>*0.102* | 5,0<br>*0.197* | 14<br>*0.551* | 48,85<br>*1.923* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,15<br>*0.085* | 2 | C |

## T34-R45HC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

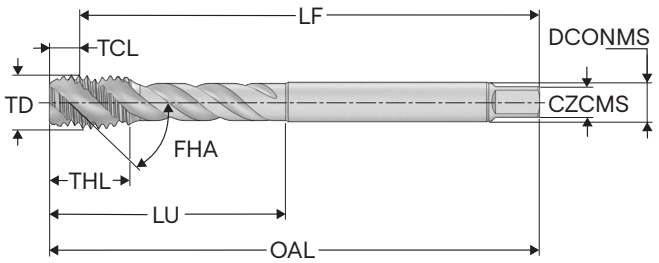
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01C03-3X0.5-65R | 10138964 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | C |
| T34-R45H01C03-3.5X0.6-65R | 10138966 | M3.5 | 0,6 | 1,31<br>*0.052* | 3,5<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,69<br>*2.153* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | C |
| T34-R45H01C03-4X0.7-65R | 10138967 | M4 | 0,7 | 1,82<br>*0.072* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,18<br>*2.409* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | C |
| T34-R45H01C03-4.5X0.75-65R | 10138968 | M4.5 | 0,75 | 1,82<br>*0.072* | 4,5<br>*0.177* | 7,5<br>*0.295* | 25<br>*0.984* | 68,18<br>*2.684* | 71,8<br>*2.827* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | C |
| T34-R45H01C03-5X0.8-65R | 10138969 | M5 | 0,8 | 2,01<br>*0.079* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,99<br>*2.677* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T34-R45H01C03-6X1-65R | 10138970 | M6 | 1,0 | 2,32<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,68<br>*3.058* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T34-R45H01C03-8X1.25-65R | 10138971 | M8 | 1,25 | 3,16<br>*0.124* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,84<br>*3.419* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T34-R45H01C03-10X1.5-65R | 10138972 | M10 | 1,5 | 3,81<br>*0.150* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,19<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T34-R45HC

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN376
- Clasa de toleranţă a filetului: 6HX
- FHA = 45°
- Regimuri de aşchiere, vezi pagina(paginile) 252

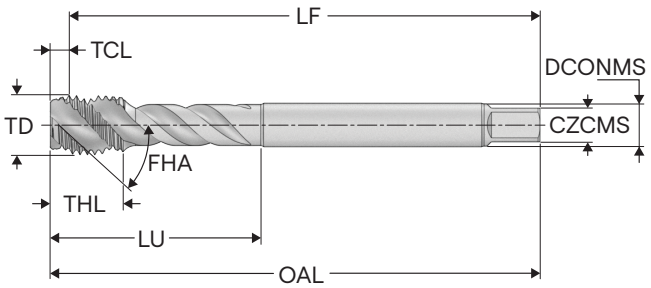
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01C06-12X1.75-65R | 10138973 | M12 | 1,75 | 4,47<br>*0.176* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,53<br>*4.155* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T34-R45H01C06-14X2-65R | 10138974 | M14 | 2,0 | 5,11<br>*0.201* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,89<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 4 | C |
| T34-R45H01C06-16X2-65R | 10138975 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,79<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |
| T34-R45H01C06-18X2.5-65R | 10138976 | M18 | 2,5 | 6,28<br>*0.247* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,72<br>*4.674* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 15,5<br>*0.610* | 4 | C |
| T34-R45H01C06-20X2.5-65R | 10138977 | M20 | 2,5 | 6,28<br>*0.247* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,72<br>*5.265* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 17,5<br>*0.689* | 4 | C |
| T34-R45H01C06-22X2.5-65R | 10138978 | M22 | 2,5 | 6,28<br>*0.247* | 22,0<br>*0.866* | 25,0<br>*0.984* | 93<br>*3.661* | 133,72<br>*5.265* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,5<br>*0.768* | 4 | C |
| T34-R45H01C06-24X3-65R | 10138979 | M24 | 3,0 | 7,48<br>*0.294* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,52<br>*6.005* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T34-R45H01C06-27X3-65R | 10138980 | M27 | 3,0 | 7,68<br>*0.302* | 27,0<br>*1.063* | 30,0<br>*1.181* | 97<br>*3.819* | 152,32<br>*5.997* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00X16.00 | 24,0<br>*0.945* | 4 | C |
| T34-R45H01C06-30X3.5-65R | 10138981 | M30 | 3,5 | 8,75<br>*0.344* | 30,0<br>*1.181* | 35,0<br>*1.378* | 115<br>*4.528* | 171,25<br>*6.742* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00X18.00 | 26,5<br>*1.043* | 4 | C |
| T34-R45H01C06-33X3.5-65R | 10138982 | M33 | 3,5 | 8,75<br>*0.344* | 33,0<br>*1.299* | 35,0<br>*1.378* | 113<br>*4.449* | 171,25<br>*6.742* | 180,0<br>*7.087* | 25,0<br>*0.984* | 25.00X20.00 | 29,5<br>*1.161* | 4 | C |
| T34-R45H01C06-36X4-65R | 10138983 | M36 | 4,0 | 10,02<br>*0.394* | 36,0<br>*1.417* | 40,0<br>*1.575* | 131<br>*5.157* | 189,98<br>*7.480* | 200,0<br>*7.874* | 28,0<br>*1.102* | 28.00X22.00 | 32,0<br>*1.260* | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN/ANSI
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

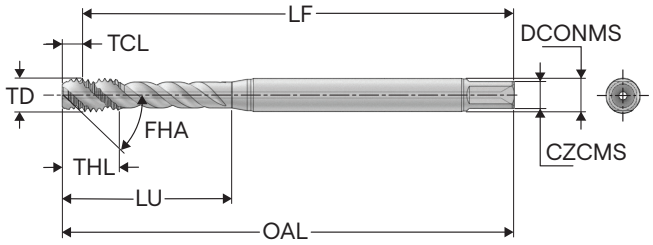
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01C93-4X0.7-65R | 10280390 | M4 | 0,7 | 1,82<br>*0.072* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21,19<br>*0.834* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,267<br>*0.168* | 4.267x3.33 | 3,3<br>*0.130* | 3 | C |
| T34-R45H01C93-5X0.8-65R | 10280391 | M5 | 0,8 | 2,01<br>*0.079* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25,14<br>*0.990* | 68,06<br>*2.680* | 72,0<br>*2.835* | 4,928<br>*0.194* | 4.928x3.86 | 4,2<br>*0.165* | 3 | C |
| T34-R45H01C93-6X1-65R | 10280392 | M6 | 1,0 | 2,32<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30,14<br>*1.187* | 77,68<br>*3.058* | 82,4<br>*3.244* | 6,477<br>*0.255* | 6.477x4.85 | 5,0<br>*0.197* | 3 | C |
| T34-R45H01C93-8X1.25-65R | 10280393 | M8 | 1,25 | 3,16<br>*0.124* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35,14<br>*1.383* | 86,84<br>*3.419* | 90,0<br>*3.543* | 8,077<br>*0.318* | 8.077x6.05 | 6,8<br>*0.268* | 3 | C |
| T34-R45H01C93-10X1.5-65R | 10280394 | M10 | 1,5 | 3,81<br>*0.150* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39,14<br>*1.541* | 96,19<br>*3.787* | 100,0<br>*3.937* | 9,667<br>*0.381* | 9.667x7.26 | 8,5<br>*0.335* | 3 | C |
| T34-R45H01C96-12X1.75-65R | 10280395 | M12 | 1,75 | 4,47<br>*0.176* | 12,0<br>*0.472* | 18,0<br>*0.709* | 81,82<br>*3.221* | 105,53<br>*4.155* | 110,0<br>*4.331* | 9,322<br>*0.367* | 9.322x6.99 | 10,2<br>*0.402* | 3 | C |
| T34-R45H01C96-16X2-65R | 10280397 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 65,78<br>*2.590* | 104,79<br>*4.126* | 110,0<br>*4.331* | 12,192<br>*0.480* | 12.192x9.14 | 14,0<br>*0.551* | 4 | C |
| T34-R45H01C96-18X2.5-65R | 10280398 | M18 | 2,5 | 6,28<br>*0.247* | 18,0<br>*0.709* | 25,0<br>*0.984* | 79<br>*3.110* | 118,72<br>*4.674* | 125,0<br>*4.921* | 13,767<br>*0.542* | 13.767x10.31 | 15,5<br>*0.610* | 4 | C |
| T34-R45H01C96-20X2.5-65R | 10280399 | M20 | 2,5 | 6,28<br>*0.247* | 20,0<br>*0.787* | 25,0<br>*0.984* | 92,47<br>*3.641* | 133,72<br>*5.265* | 140,0<br>*5.512* | 16,561<br>*0.652* | 16.561x12.42 | 17,5<br>*0.689* | 4 | C |
| T34-R45H01C96-24X3-65R | 10280400 | M24 | 3,0 | 7,48<br>*0.294* | 24,0<br>*0.945* | 30,0<br>*1.181* | 96,95<br>*3.817* | 152,52<br>*6.005* | 160,0<br>*6.299* | 19,304<br>*0.760* | 19.304x14.48 | 21,0<br>*0.827* | 4 | C |

## T34A-R45HC

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

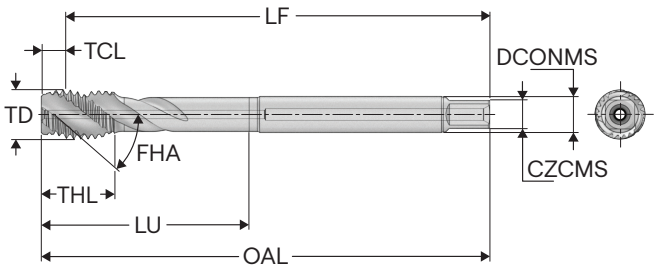
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34A-R45H01C03-5X0.8-65R | 10138984 | M5 | 0,8 | 1,94<br>*0.076* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,06<br>*2.680* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | C |
| T34A-R45H01C03-6X1-65R | 10138985 | M6 | 1,0 | 2,32<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,68<br>*3.058* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | C |
| T34A-R45H01C03-8X1.25-65R | 10138986 | M8 | 1,25 | 3,16<br>*0.124* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,84<br>*3.419* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | C |
| T34A-R45H01C05-10X1.5-65R | 10138987 | M10 | 1,5 | 3,81<br>*0.150* | 10,0<br>*0.394* | 17,0<br>*0.669* | 39<br>*1.535* | 96,19<br>*3.787* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T34A-R45HC

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

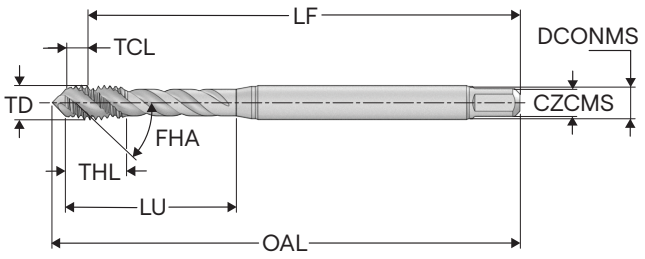
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34A-R45H01C06-12X1.75-65R | 10138988 | M12 | 1,75 | 4,47<br>*0.176* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,53<br>*4.155* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | C |
| T34A-R45H01C06-14X2-65R | 10138989 | M14 | 2,0 | 5,11<br>*0.201* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,89<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 4 | C |
| T34A-R45H01C06-16X2-65R | 10138990 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,79<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

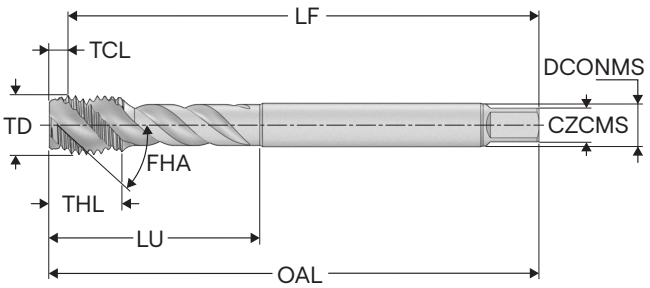
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H02C03-3X0.35-65R | 10139002 | MF3X0.35 | 0,35 | 0,7<br>*0.028* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 55,3<br>*2.177* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | C |
| T34-R45H02C03-3.5X0.35-65R | 10139003 | MF3.5X0.35 | 0,35 | 0,69<br>*0.027* | 3,5<br>*0.138* | 5,0<br>*0.197* | 20<br>*0.787* | 55,31<br>*2.178* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 3,15<br>*0.124* | 3 | C |
| T34-R45H02C03-4X0.5-65R | 10139004 | MF4X0.5 | 0,5 | 1,31<br>*0.052* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,69<br>*2.429* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | C |
| T34-R45H02C03-5X0.5-65R | 10139005 | MF5X0.5 | 0,5 | 1,2<br>*0.047* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,8<br>*2.709* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | C |
| T34-R45H02C03-6X0.5-65R | 10139006 | MF6X0.5 | 0,5 | 1,22<br>*0.048* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,78<br>*3.102* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,5<br>*0.217* | 3 | C |
| T34-R45H02C03-6X0.75-65R | 10139007 | MF6X0.75 | 0,75 | 1,77<br>*0.070* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,23<br>*3.080* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,2<br>*0.205* | 3 | C |
| T34-R45H02C03-8X0.75-65R | 10139008 | MF8X0.75 | 0,75 | 2,07<br>*0.081* | 8,0<br>*0.315* | 10,0<br>*0.394* | 30<br>*1.181* | 77,93<br>*3.068* | 81,7<br>*3.217* | 8,0<br>*0.315* | 8.00X6.20 | 7,2<br>*0.283* | 3 | C |
| T34-R45H02C03-8X1-65R | 10139009 | MF8X1.0 | 1,0 | 2,62<br>*0.103* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,38<br>*3.440* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | C |
| T34-R45H02C03-10X0.75-65R | 10139011 | MF10X0.75 | 0,75 | 2,17<br>*0.085* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,83<br>*3.458* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,2<br>*0.362* | 3 | C |
| T34-R45H02C03-10X1-65R | 10139012 | MF10X1.0 | 1,0 | 2,72<br>*0.107* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,28<br>*3.436* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | C |
| T34-R45H02C03-10X1.25-65R | 10139013 | MF10X1.25 | 1,25 | 3,26<br>*0.128* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,74<br>*3.809* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 8,8<br>*0.346* | 3 | C |

## T34-R45HC

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

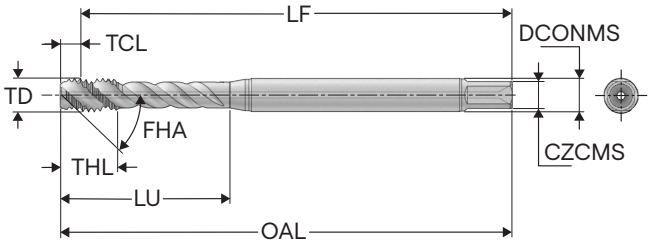
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H02C05-8X1-65R | 10139014 | MF8X1.0 | 1,0 | 2,62<br>*0.103* | 8,0<br>*0.315* | 10,0<br>*0.394* | 35<br>*1.378* | 87,38<br>*3.440* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | C |
| T34-R45H02C05-10X1-65R | 10139015 | MF10X1.0 | 1,0 | 2,62<br>*0.103* | 10,0<br>*0.394* | 10,0<br>*0.394* | 35<br>*1.378* | 87,38<br>*3.440* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | C |
| T34-R45H02C05-12X1-65R | 10139016 | MF12X1.0 | 1,0 | 2,83<br>*0.111* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 97,17<br>*3.826* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,0<br>*0.433* | 3 | C |
| T34-R45H02C05-12X1.25-65R | 10139017 | MF12X1.25 | 1,25 | 3,38<br>*0.133* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,62<br>*3.804* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,8<br>*0.425* | 3 | C |
| T34-R45H02C05-12X1.5-65R | 10139018 | MF12X1.5 | 1,5 | 3,93<br>*0.155* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,07<br>*3.782* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | C |
| T34-R45H02C05-14X1.5-65R | 10139019 | MF14X1.5 | 1,5 | 4,03<br>*0.159* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 95,97<br>*3.778* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | C |
| T34-R45H02C05-16X1.5-65R | 10139020 | MF16X1.5 | 1,5 | 4,13<br>*0.163* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,87<br>*3.774* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |
| T34-R45H02C05-18X1.5-65R | 10139021 | MF18X1.5 | 1,5 | 4,13<br>*0.163* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,87<br>*4.168* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | C |
| T34-R45H02C05-20X1.5-65R | 10139022 | MF20X1.5 | 1,5 | 4,13<br>*0.163* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,87<br>*4.759* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 18,5<br>*0.728* | 4 | C |
| T34-R45H02C05-22X1.5-65R | 10139023 | MF22X1.5 | 1,5 | 4,13<br>*0.163* | 22,0<br>*0.866* | 17,0<br>*0.669* | 78<br>*3.071* | 120,87<br>*4.759* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 20,5<br>*0.807* | 4 | C |
| T34-R45H02C05-24X1.5-65R | 10139024 | MF24X1.5 | 1,5 | 4,25<br>*0.167* | 24,0<br>*0.945* | 20,0<br>*0.787* | 93<br>*3.661* | 135,75<br>*5.344* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 22,5<br>*0.886* | 4 | C |

## T34A-R45HC

Găuri înfundate – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

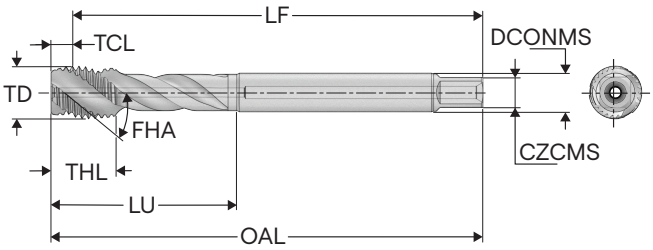
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34A-R45H02C03-8X1-65R | 10139025 | MF8X1.0 | 1,0 | 2,62<br>*0.103* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,38<br>*3.440* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | C |
| T34A-R45H02C03-10X1-65R | 10139026 | MF10X1.0 | 1,0 | 2,72<br>*0.107* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,28<br>*3.436* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | C |

## T34A-R45HC

Găuri înfundate – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

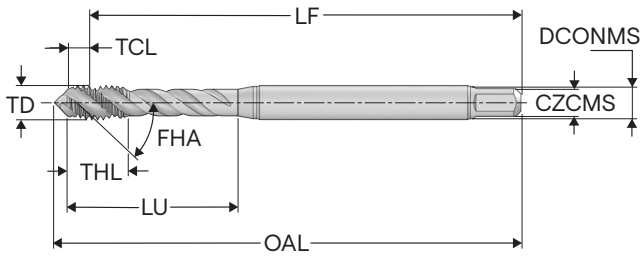
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34A-R45H02C05-8X1-65R | 10139027 | MF8X1.0 | 1,0 | 2,62<br>*0.103* | 8,0<br>*0.315* | 10,0<br>*0.394* | 35<br>*1.378* | 87,38<br>*3.440* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | C |
| T34A-R45H02C05-10X1-65R | 10139028 | MF10X1.0 | 1,0 | 2,62<br>*0.103* | 10,0<br>*0.394* | 10,0<br>*0.394* | 35<br>*1.378* | 87,38<br>*3.440* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | C |
| T34A-R45H02C05-12X1.5-65R | 10139029 | MF12X1.5 | 1,5 | 3,93<br>*0.155* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,07<br>*3.782* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | C |
| T34A-R45H02C05-14X1.5-65R | 10139030 | MF14X1.5 | 1,5 | 4,03<br>*0.159* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 95,97<br>*3.778* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | C |
| T34A-R45H02C05-16X1.5-65R | 10139031 | MF16X1.5 | 1,5 | 4,13<br>*0.163* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,87<br>*3.774* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |

# T34-R45HC

Găuri înfundate – Fileturi UNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

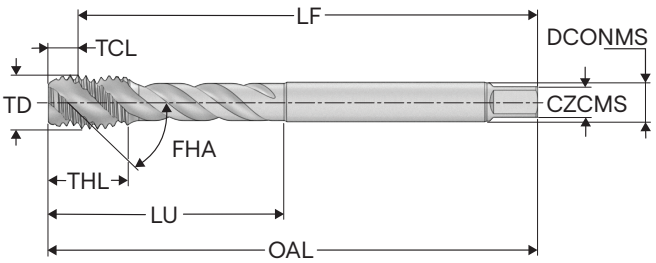
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H08C03-4-40-22R | 10139054 | UNC4-40 | 40,0 | 1,48<br>*0.058* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 54,52<br>*2.146* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,35<br>*0.093* | 3 | C |
| T34-R45H08C03-5-40-22R | 10139055 | UNC5-40 | 40,0 | 1,53<br>*0.060* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,47<br>*2.144* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | C |
| T34-R45H08C03-6-32-22R | 10139056 | UNC6-32 | 32,0 | 1,95<br>*0.077* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,05<br>*2.128* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,85<br>*0.112* | 3 | C |
| T34-R45H08C03-8-32-22R | 10139057 | UNC8-32 | 32,0 | 1,89<br>*0.074* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,11<br>*2.406* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | C |
| T34-R45H08C03-10-24-22R | 10139058 | UNC10-24 | 24,0 | 2,53<br>*0.100* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 67,47<br>*2.656* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 3,9<br>*0.154* | 3 | C |
| T34-R45H08C03-12-24-22R | 10139059 | UNC12-24 | 24,0 | 2,47<br>*0.097* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,53<br>*3.052* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,5<br>*0.177* | 3 | C |
| T34-R45H08C03-1/4-20-22R | 10139060 | UNC1/4-20 | 20,0 | 2,94<br>*0.116* | 6,35<br>*0.250* | 13,0<br>*0.512* | 32<br>*1.260* | 77,06<br>*3.034* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,1<br>*0.201* | 3 | C |
| T34-R45H08C03-5/16-18-22R | 10139061 | UNC5/16-18 | 18,0 | 3,59<br>*0.141* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 86,41<br>*3.402* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | C |
| T34-R45H08C03-3/8-16-22R | 10139062 | UNC3/8-16 | 16,0 | 4,03<br>*0.159* | 9,525<br>*0.375* | 15,0<br>*0.591* | 39<br>*1.535* | 95,97<br>*3.778* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,0<br>*0.315* | 3 | C |

## T34-R45HC

Găuri înfundate – Fileturi UNC






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN376
- Clasa de toleranţă a filetului: 2BX
- FHA = 45°
- Regimuri de aşchiere, vezi pagina(paginile) 252

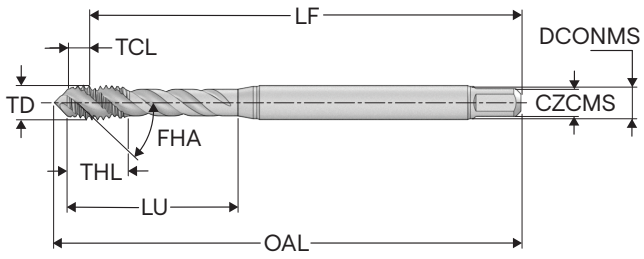
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H08C06-7/16-14-22R | 10139063 | UNC7/16-14 | 14,0 | 4,65<br>*0.183* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 95,35<br>*3.754* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,3<br>*0.366* | 3 | C |
| T34-R45H08C06-1/2-13-22R | 10139064 | UNC1/2-13 | 13,0 | 4,99<br>*0.196* | 12,7<br>*0.500* | 18,0<br>*0.709* | 83<br>*3.268* | 105,01<br>*4.134* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,7<br>*0.421* | 3 | C |
| T34-R45H08C06-9/16-12-22R | 10139065 | UNC9/16-12 | 12,0 | 5,43<br>*0.214* | 14,287<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 104,57<br>*4.117* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,3<br>*0.484* | 4 | C |
| T34-R45H08C06-5/8-11-22R | 10139066 | UNC5/8-11 | 11,0 | 5,87<br>*0.231* | 15,875<br>*0.625* | 22,0<br>*0.866* | 68<br>*2.677* | 104,13<br>*4.100* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,5<br>*0.531* | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi UNC






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN/ANSI
- Clasa de toleranţă a filetului: 2BX
- FHA = 45°
- Regimuri de aşchiere, vezi pagina(paginile) 252

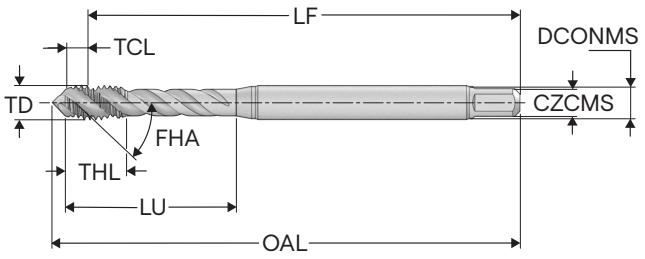
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T34-R45H08C93-4-40-22R | 10280358 | UNC4-40 | 40.0 | 0.058 | 0.112 | 0.197 | 0.720 | 2.152 | 2.252 | 0.141 | 3.581x2.79 | 0.093 | 3 | C |
| T34-R45H08C93-5-40-22R | 10280359 | UNC5-40 | 40.0 | 0.060 | 0.125 | 0.276 | 0.714 | 2.144 | 2.252 | 0.141 | 3.581x2.79 | 0.104 | 3 | C |
| T34-R45H08C93-6-32-22R | 10280360 | UNC6-32 | 32.0 | 0.077 | 0.138 | 0.236 | 0.799 | 2.134 | 2.260 | 0.141 | 3.581x2.79 | 0.112 | 3 | C |
| T34-R45H08C93-8-32-22R | 10280361 | UNC8-32 | 32.0 | 0.074 | 0.164 | 0.276 | 0.832 | 2.406 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | C |
| T34-R45H08C93-10-24-22R | 10280362 | UNC10-24 | 24.0 | 0.100 | 0.190 | 0.315 | 1.000 | 2.666 | 2.835 | 0.194 | 4.928x3.86 | 0.154 | 3 | C |
| T34-R45H08C93-12-24-22R | 10280363 | UNC12-24 | 24.0 | 0.097 | 0.216 | 0.394 | 1.191 | 3.056 | 3.236 | 0.220 | 5.588x4.19 | 0.177 | 3 | C |
| T34-R45H08C93-1/4-20-22R | 10280364 | UNC1/4-20 | 20.0 | 0.116 | 0.250 | 0.512 | 1.269 | 3.034 | 3.244 | 0.255 | 6.477x4.85 | 0.201 | 3 | C |
| T34-R45H08C93-5/16-18-22R | 10280365 | UNC5/16-18 | 18.0 | 0.141 | 0.312 | 0.512 | 1.383 | 3.402 | 3.543 | 0.318 | 8.077x6.05 | 0.260 | 3 | C |
| T34-R45H08C93-3/8-16-22R | 10280366 | UNC3/8-16 | 16.0 | 0.159 | 0.375 | 0.591 | 1.541 | 3.778 | 3.937 | 0.381 | 9.667x7.26 | 0.315 | 3 | C |
| T34-R45H08C96-7/16-14-22R | 10280367 | UNC7/16-14 | 14.0 | 0.183 | 0.437 | 0.591 | 2.858 | 3.754 | 3.937 | 0.323 | 8.204x6.15 | 0.366 | 3 | C |
| T34-R45H08C96-1/2-13-22R | 10280368 | UNC1/2-13 | 13.0 | 0.196 | 0.500 | 0.709 | 3.221 | 4.134 | 4.331 | 0.367 | 9.322x6.99 | 0.421 | 3 | C |
| T34-R45H08C96-9/16-12-22R | 10280369 | UNC9/16-12 | 12.0 | 0.214 | 0.562 | 0.787 | 3.161 | 4.117 | 4.331 | 0.429 | 10.897x8.18 | 0.484 | 4 | C |
| T34-R45H08C96-5/8-11-22R | 10280370 | UNC5/8-11 | 11.0 | 0.231 | 0.625 | 0.866 | 2.590 | 4.100 | 4.331 | 0.480 | 12.192x9.14 | 0.531 | 4 | C |
| T34-R45H08C96-3/4-10-22R | 10280371 | UNC3/4-10 | 10.0 | 0.250 | 0.750 | 1.260 | 3.050 | 4.671 | 4.921 | 0.590 | 14.986x11.23 | 0.650 | 4 | C |
| T34-R45H08C96-7/8-9-22R | 10280372 | UNC7/8-9 | 9.0 | 0.277 | 0.875 | 1.260 | 3.581 | 5.235 | 5.512 | 0.697 | 17.704x13.28 | 0.768 | 4 | C |
| T34-R45H08C96-1-8-22R | 10280373 | UNC1-8 | 8.0 | 0.323 | 1.000 | 1.496 | 3.757 | 5.976 | 6.299 | 0.800 | 20.320x15.24 | 0.876 | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi UNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

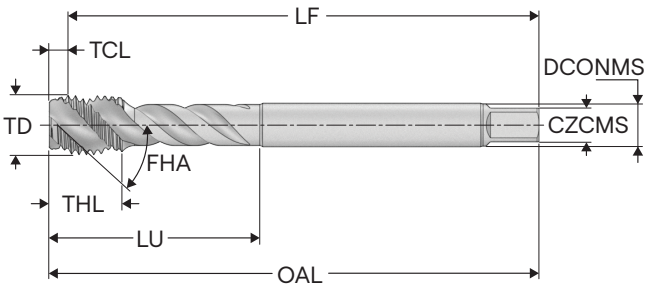
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H09C03-4-48-22R | 10139067 | UNF4-48 | 48,0 | 1,29<br>*0.051* | 2,845<br>*0.112* | 5,0<br>*0.197* | 18<br>*0.709* | 54,71<br>*2.154* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,4<br>*0.094* | 3 | C |
| T34-R45H09C03-5-44-22R | 10139068 | UNF5-44 | 44,0 | 1,35<br>*0.053* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,65<br>*2.152* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,7<br>*0.106* | 3 | C |
| T34-R45H09C03-6-40-22R | 10139073 | UNF6-40 | 40,0 | 1,59<br>*0.063* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,41<br>*2.142* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 2,95<br>*0.116* | 3 | C |
| T34-R45H09C03-8-36-22R | 10139074 | UNF8-36 | 36,0 | 1,71<br>*0.067* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,29<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,5<br>*0.138* | 3 | C |
| T34-R45H09C03-10-32-22R | 10139075 | UNF10-32 | 32,0 | 2,0<br>*0.079* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 68,0<br>*2.677* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,1<br>*0.161* | 3 | C |
| T34-R45H09C03-12-28-22R | 10139076 | UNF12-28 | 28,0 | 2,11<br>*0.083* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,89<br>*3.067* | 82,2<br>*3.236* | 6,0<br>*0.236* | 6.00X4.90 | 4,6<br>*0.181* | 3 | C |
| T34-R45H09C03-1/4-28-22R | 10139077 | UNF1/4-28 | 28,0 | 2,23<br>*0.088* | 6,35<br>*0.250* | 10,0<br>*0.394* | 30<br>*1.181* | 77,77<br>*3.062* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,5<br>*0.217* | 3 | C |
| T34-R45H09C03-5/16-24-22R | 10139078 | UNF5/16-24 | 24,0 | 2,87<br>*0.113* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 87,13<br>*3.430* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,9<br>*0.272* | 3 | C |
| T34-R45H09C03-3/8-24-22R | 10139079 | UNF3/8-24 | 24,0 | 2,96<br>*0.117* | 9,525<br>*0.375* | 15,0<br>*0.591* | 35<br>*1.378* | 87,04<br>*3.427* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | C |

## T34-R45HC

Găuri înfundate – Fileturi UNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN374
—Clasa de toleranţă a filetului: 2BX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

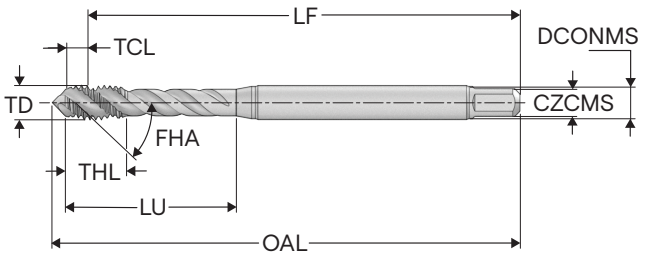
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H09C05-7/16-20-22R | 10139080 | UNF7/16-20 | 20,0 | 3,39<br>*0.133* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 96,61<br>*3.804* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 9,9<br>*0.390* | 3 | C |
| T34-R45H09C05-1/2-20-22R | 10139081 | UNF1/2-20 | 20,0 | 3,56<br>*0.140* | 12,7<br>*0.500* | 15,0<br>*0.591* | 73<br>*2.874* | 96,44<br>*3.797* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | C |
| T34-R45H09C05-9/16-18-22R | 10139082 | UNF9/16-18 | 18,0 | 3,86<br>*0.152* | 14,287<br>*0.562* | 15,0<br>*0.591* | 71<br>*2.795* | 96,14<br>*3.785* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,0<br>*0.512* | 4 | C |
| T34-R45H09C05-5/8-18-22R | 10139083 | UNF5/8-18 | 18,0 | 3,91<br>*0.154* | 15,875<br>*0.625* | 15,0<br>*0.591* | 58<br>*2.283* | 96,09<br>*3.783* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi UNF






- Substrat: HSSE-PM
- Acoperirea: TiAlN + WC/C
- Standard: DIN/ANSI
- Clasa de toleranţă a filetului: 2BX
- FHA = 45°
- Regimuri de aşchiere, vezi pagina(paginile) 252

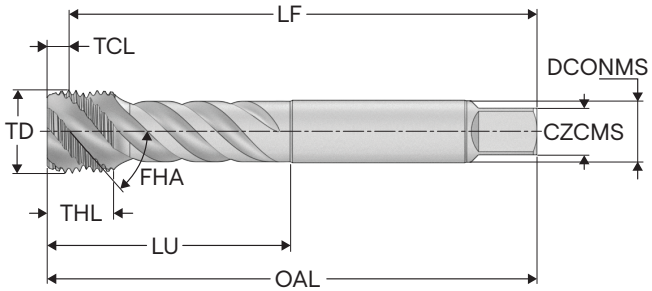
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | *Inci* | | *Inci* | | |
| T34-R45H09C93-4-48-22R | 10280374 | UNF4-48 | 48.0 | 0.051 | 0.112 | 0.197 | 0.718 | 2.158 | 2.252 | 0.141 | 3.581x2.79 | 0.094 | 3 | C |
| T34-R45H09C93-5-44-22R | 10280375 | UNF5-44 | 44.0 | 0.053 | 0.125 | 0.276 | 0.712 | 2.150 | 2.252 | 0.141 | 3.581x2.79 | 0.106 | 3 | C |
| T34-R45H09C93-6-40-22R | 10280376 | UNF6-40 | 40.0 | 0.063 | 0.138 | 0.236 | 0.795 | 2.144 | 2.260 | 0.141 | 3.581x2.79 | 0.116 | 3 | C |
| T34-R45H09C93-8-36-22R | 10280377 | UNF8-36 | 36.0 | 0.067 | 0.164 | 0.276 | 0.830 | 2.411 | 2.543 | 0.168 | 4.267x3.33 | 0.138 | 3 | C |
| T34-R45H09C93-10-32-22R | 10280378 | UNF10-32 | 32.0 | 0.079 | 0.190 | 0.315 | 0.994 | 2.681 | 2.835 | 0.194 | 4.928x3.86 | 0.161 | 3 | C |
| T34-R45H09C93-12-28-22R | 10280379 | UNF12-28 | 28.0 | 0.083 | 0.216 | 0.394 | 1.187 | 3.067 | 3.236 | 0.220 | 5.588x4.19 | 0.181 | 3 | C |
| T34-R45H09C93-1/4-28-22R | 10280380 | UNF1/4-28 | 28.0 | 0.088 | 0.250 | 0.394 | 1.179 | 3.054 | 3.244 | 0.255 | 6.477x4.85 | 0.217 | 3 | C |
| T34-R45H09C93-5/16-24-22R | 10280381 | UNF5/16-24 | 24.0 | 0.113 | 0.312 | 0.512 | 1.383 | 3.430 | 3.543 | 0.318 | 8.077x6.05 | 0.272 | 3 | C |
| T34-R45H09C93-3/8-24-22R | 10280382 | UNF3/8-24 | 24.0 | 0.117 | 0.375 | 0.591 | 1.383 | 3.427 | 3.543 | 0.381 | 9.667x7.26 | 0.335 | 3 | C |
| T34-R45H09C95-7/16-20-22R | 10280383 | UNF7/16-20 | 20.0 | 0.133 | 0.437 | 0.591 | 2.858 | 3.804 | 3.937 | 0.323 | 8.204x6.15 | 0.390 | 3 | C |
| T34-R45H09C95-1/2-20-22R | 10280384 | UNF1/2-20 | 20.0 | 0.140 | 0.500 | 0.591 | 2.828 | 3.797 | 3.937 | 0.367 | 9.322x6.99 | 0.453 | 3 | C |
| T34-R45H09C95-9/16-18-22R | 10280385 | UNF9/16-18 | 18.0 | 0.152 | 0.562 | 0.591 | 2.768 | 3.785 | 3.937 | 0.429 | 10.897x8.18 | 0.512 | 4 | C |
| T34-R45H09C95-5/8-18-22R | 10280386 | UNF5/8-18 | 18.0 | 0.154 | 0.625 | 0.591 | 2.196 | 3.783 | 3.937 | 0.480 | 12.192x9.14 | 0.571 | 4 | C |
| T34-R45H09C95-3/4-16-22R | 10280387 | UNF3/4-16 | 16.0 | 0.166 | 0.750 | 0.945 | 2.459 | 4.165 | 4.331 | 0.590 | 14.986x11.23 | 0.689 | 4 | C |
| T34-R45H09C95-7/8-14-22R | 10280388 | UNF7/8-14 | 14.0 | 0.187 | 0.875 | 0.945 | 2.990 | 4.803 | 4.921 | 0.697 | 17.704x13.28 | 0.807 | 4 | C |
| T34-R45H09C95-1-12-22R | 10280389 | UNF1-12 | 12.0 | 0.231 | 1.000 | 1.063 | 2.970 | 5.280 | 5.512 | 0.800 | 20.320x15.24 | 0.917 | 4 | C |

## T34-R45HC

Găuri înfundate – Fileturi G






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL-X
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

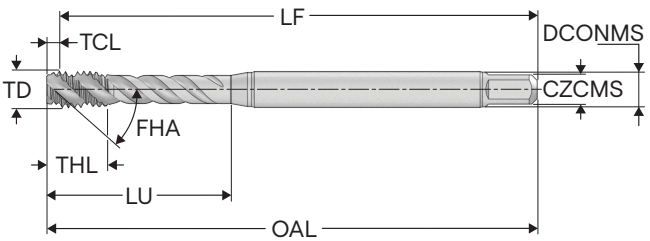
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H21C09-1/8-28-12R | 10139084 | G1/8-28 | 28,0 | 2,43<br>*0.096* | 9,728<br>*0.383* | 10,0<br>*0.394* | 36<br>*1.417* | 87,57<br>*3.448* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 8,8<br>*0.346* | 3 | C |
| T34-R45H21C09-1/4-19-12R | 10139085 | G1/4-19 | 19,0 | 3,66<br>*0.144* | 13,157<br>*0.518* | 14,0<br>*0.551* | 71<br>*2.795* | 96,34<br>*3.793* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 11,8<br>*0.465* | 3 | C |
| T34-R45H21C09-3/8-19-12R | 10139086 | G3/8-19 | 19,0 | 3,67<br>*0.144* | 16,662<br>*0.656* | 15,0<br>*0.591* | 58<br>*2.283* | 96,33<br>*3.793* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 4 | C |
| T34-R45H21C09-1/2-14-12R | 10139087 | G1/2-14 | 14,0 | 4,93<br>*0.194* | 20,955<br>*0.825* | 17,0<br>*0.669* | 80<br>*3.150* | 120,07<br>*4.727* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,0<br>*0.748* | 4 | C |
| T34-R45H21C09-5/8-14-12R | 10139088 | G5/8-14 | 14,0 | 5,06<br>*0.199* | 22,911<br>*0.902* | 20,0<br>*0.787* | 78<br>*3.071* | 119,94<br>*4.722* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 21,0<br>*0.827* | 4 | C |
| T34-R45H21C09-3/4-14-12R | 10139089 | G3/4-14 | 14,0 | 5,05<br>*0.199* | 26,441<br>*1.041* | 20,0<br>*0.787* | 73<br>*2.874* | 134,95<br>*5.313* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 24,5<br>*0.965* | 4 | C |
| T34-R45H21C09-7/8-14-12R | 10139090 | G7/8-14 | 14,0 | 4,98<br>*0.196* | 30,201<br>*1.189* | 22,0<br>*0.866* | 85<br>*3.346* | 145,02<br>*5.709* | 150,0<br>*5.906* | 22,0<br>*0.866* | 22.00X18.00 | 28,25<br>*1.112* | 4 | C |
| T34-R45H21C09-1-11-12R | 10139091 | G1-11 | 11,0 | 6,56<br>*0.258* | 33,249<br>*1.309* | 24,0<br>*0.945* | 93<br>*3.661* | 153,44<br>*6.041* | 160,0<br>*6.299* | 25,0<br>*0.984* | 25.00X20.00 | 30,75<br>*1.211* | 4 | C |

## T34-R45HE

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

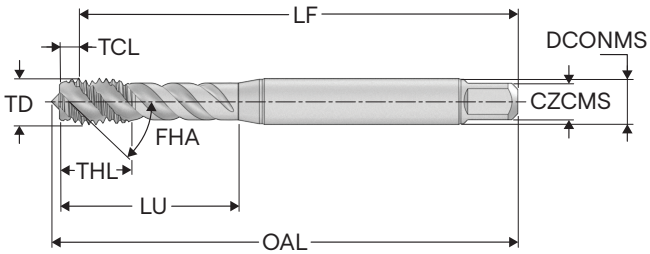
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01E03-3X0.5-65R | 10138991 | M3 | 0,5 | 0,81<br>*0.032* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 55,19<br>*2.173* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,5<br>*0.098* | 3 | E |
| T34-R45H01E03-3.5X0.6-65R | 10138992 | M3.5 | 0,6 | 0,94<br>*0.037* | 3,5<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 55,06<br>*2.168* | 56,0<br>*2.205* | 4,0<br>*0.157* | 4.00X3.00 | 2,9<br>*0.114* | 3 | E |
| T34-R45H01E03-4X0.7-65R | 10138993 | M4 | 0,7 | 1,18<br>*0.046* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,82<br>*2.434* | 63,0<br>*2.480* | 4,5<br>*0.177* | 4.50X3.40 | 3,3<br>*0.130* | 3 | E |
| T34-R45H01E03-4.5X0.75-65R | 10138994 | M4.5 | 0,75 | 1,18<br>*0.046* | 4,5<br>*0.177* | 7,5<br>*0.295* | 25<br>*0.984* | 68,82<br>*2.709* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | E |
| T34-R45H01E03-5X0.8-65R | 10138995 | M5 | 0,8 | 1,31<br>*0.052* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,69<br>*2.704* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | E |
| T34-R45H01E03-6X1-65R | 10138996 | M6 | 1,0 | 1,57<br>*0.062* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,43<br>*3.088* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 3 | E |
| T34-R45H01E03-8X1.25-65R | 10138997 | M8 | 1,25 | 2,23<br>*0.088* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,77<br>*3.456* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,8<br>*0.268* | 3 | E |
| T34-R45H01E03-10X1.5-65R | 10138998 | M10 | 1,5 | 2,6<br>*0.102* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 97,4<br>*3.835* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,5<br>*0.335* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

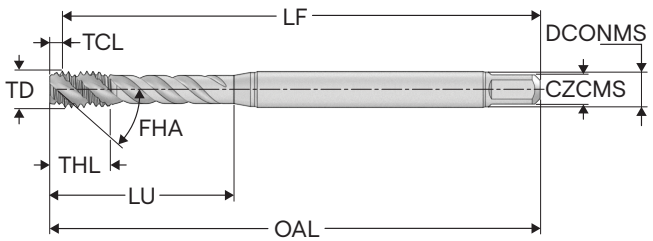
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H01E06-12X1.75-65R | 10138999 | M12 | 1,75 | 3,18<br>*0.125* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 106,82<br>*4.206* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 10,2<br>*0.402* | 3 | E |
| T34-R45H01E06-14X2-65R | 10139000 | M14 | 2,0 | 3,65<br>*0.144* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 106,35<br>*4.187* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,0<br>*0.472* | 4 | E |
| T34-R45H01E06-16X2-65R | 10139001 | M16 | 2,0 | 3,75<br>*0.148* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 106,25<br>*4.183* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,0<br>*0.551* | 4 | E |

## T34-R45HE

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

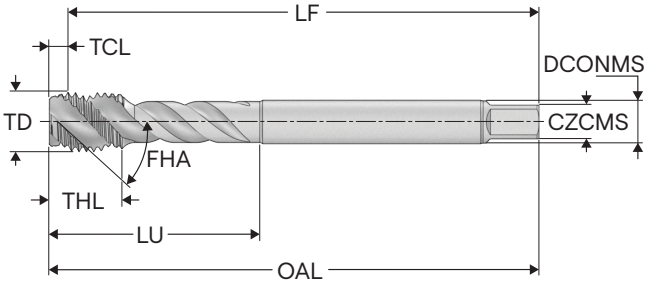
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H02E03-8X1-65R | 10139032 | MF8X1.0 | 1,0 | 1,87<br>*0.074* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 88,13<br>*3.470* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | E |
| T34-R45H02E03-10X1-65R | 10139033 | MF10X1.0 | 1,0 | 1,97<br>*0.078* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 88,03<br>*3.466* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

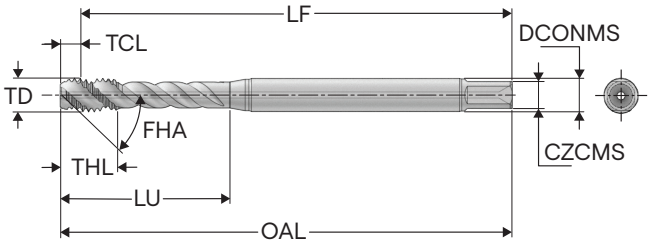
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H02E05-8X1-65R | 10139034 | MF8X1.0 | 1,0 | 1,87<br>*0.074* | 8,0<br>*0.315* | 10,0<br>*0.394* | 35<br>*1.378* | 88,13<br>*3.470* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00X4.90 | 7,0<br>*0.276* | 3 | E |
| T34-R45H02E05-10X1-65R | 10139035 | MF10X1.0 | 1,0 | 1,87<br>*0.074* | 10,0<br>*0.394* | 10,0<br>*0.394* | 35<br>*1.378* | 88,13<br>*3.470* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,0<br>*0.354* | 3 | E |
| T34-R45H02E05-12X1.5-65R | 10139036 | MF12X1.5 | 1,5 | 2,81<br>*0.111* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 97,19<br>*3.826* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | E |
| T34-R45H02E05-14X1.5-65R | 10139037 | MF14X1.5 | 1,5 | 3,01<br>*0.119* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,99<br>*3.819* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | E |
| T34-R45H02E05-16X1.5-65R | 10139038 | MF16X1.5 | 1,5 | 3,01<br>*0.119* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 96,99<br>*3.819* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | E |

## T34A-R45HE

Găuri înfundate – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

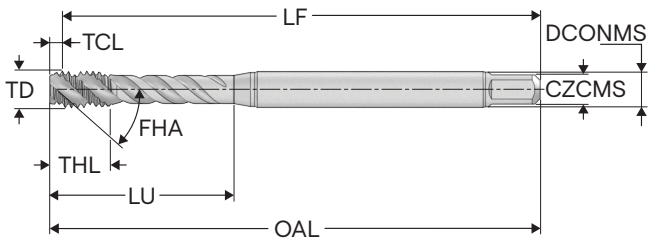
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34A-R45H02E03-8X1-65R | 10139039 | MF8X1.0 | 1,0 | 1,87<br>*0.074* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 88,13<br>*3.470* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 7,0<br>*0.276* | 3 | E |
| T34A-R45H02E03-10X1-65R | 10139040 | MF10X1.0 | 1,0 | 1,97<br>*0.078* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 88,03<br>*3.466* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,0<br>*0.354* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGM






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H mod.
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

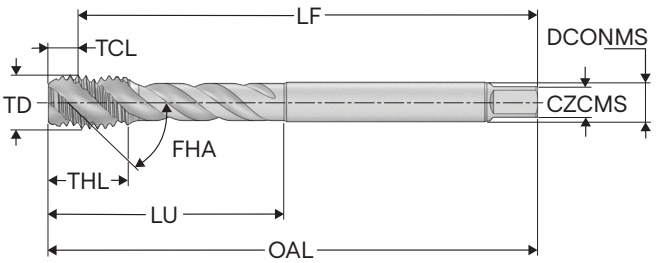
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H04E03-2X0.4-64R | 10139092 | EGM2 | 0,4 | 0,73<br>*0.029* | 2,52<br>*0.099* | 5,0<br>*0.197* | 14<br>*0.551* | 49,27<br>*1.940* | 50,0<br>*1.969* | 2,8<br>*0.110* | 2.80X2.10 | 2,1<br>*0.083* | 2 | E |
| T34-R45H04E03-2.5X0.45-64R | 10139093 | EGM2.5 | 0,45 | 0,75<br>*0.030* | 3,084<br>*0.121* | 5,0<br>*0.197* | 18<br>*0.709* | 55,25<br>*2.175* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,65<br>*0.104* | 3 | E |
| T34-R45H04E03-3X0.5-64R | 10139094 | EGM3 | 0,5 | 0,83<br>*0.033* | 3,65<br>*0.144* | 5,0<br>*0.197* | 21<br>*0.827* | 62,17<br>*2.448* | 63,0<br>*2.480* | 4,5<br>*0.177* | 4.50X3.40 | 3,15<br>*0.124* | 3 | E |
| T34-R45H04E03-4X0.7-64R | 10139095 | EGM4 | 0,7 | 1,15<br>*0.045* | 4,91<br>*0.193* | 8,0<br>*0.315* | 25<br>*0.984* | 68,85<br>*2.711* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,2<br>*0.165* | 3 | E |
| T34-R45H04E03-5X0.8-64R | 10139096 | EGM5 | 0,8 | 1,19<br>*0.047* | 6,04<br>*0.238* | 10,0<br>*0.394* | 30<br>*1.181* | 78,81<br>*3.103* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,25<br>*0.207* | 3 | E |
| T34-R45H04E03-6X1-64R | 10139097 | EGM6 | 1,0 | 1,81<br>*0.071* | 7,3<br>*0.287* | 10,0<br>*0.394* | 35<br>*1.378* | 88,19<br>*3.472* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,3<br>*0.248* | 3 | E |
| T34-R45H04E03-8X1.25-64R | 10139098 | EGM8 | 1,25 | 2,2<br>*0.087* | 9,624<br>*0.379* | 13,0<br>*0.512* | 39<br>*1.535* | 97,8<br>*3.850* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,4<br>*0.331* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGM






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H mod.
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 252

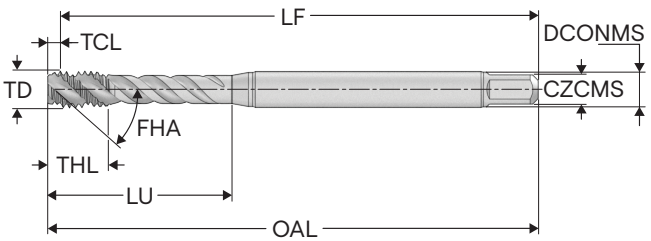
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H04E06-10X1.5-64R | 10139111 | EGM10 | 1,5 | 2,83<br>*0.111* | 11,948<br>*0.470* | 15,0<br>*0.591* | 73<br>*2.874* | 97,17<br>*3.826* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,5<br>*0.413* | 3 | E |
| T34-R45H04E06-12X1.75-64R | 10139112 | EGM12 | 1,75 | 3,21<br>*0.126* | 14,274<br>*0.562* | 20,0<br>*0.787* | 81<br>*3.189* | 106,79<br>*4.204* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 12,5<br>*0.492* | 4 | E |
| T34-R45H04E06-14X2-64R | 10139113 | EGM14 | 2,0 | 3,67<br>*0.144* | 16,598<br>*0.653* | 20,0<br>*0.787* | 68<br>*2.677* | 106,33<br>*4.186* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,5<br>*0.571* | 4 | E |
| T34-R45H04E06-16X2-64R | 10139114 | EGM16 | 2,0 | 3,67<br>*0.144* | 18,598<br>*0.732* | 20,0<br>*0.787* | 81<br>*3.189* | 121,33<br>*4.777* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | E |
| T34-R45H04E06-18X2.5-64R | 10139115 | EGM18 | 2,5 | 4,45<br>*0.175* | 21,248<br>*0.837* | 27,0<br>*1.063* | 93<br>*3.661* | 135,55<br>*5.337* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 18,75<br>*0.738* | 4 | E |
| T34-R45H04E06-20X2.5-64R | 10139116 | EGM20 | 2,5 | 4,55<br>*0.179* | 23,248<br>*0.915* | 30,0<br>*1.181* | 113<br>*4.449* | 155,45<br>*6.120* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00X14.50 | 20,75<br>*0.817* | 4 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGUNC






—Regimuri de așchiere, vezi pagina(paginile) 262
—Acoperirea: TiAlN
—Substrat: HSS-E-PM

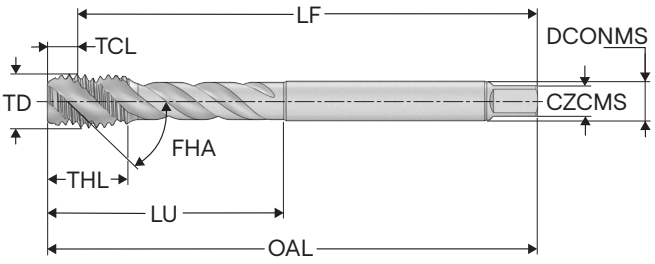
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H16E03-4-40-21R | 10139099 | EGUNC4-40 | 40,0 | 1,0<br>*0.039* | 3,67<br>*0.144* | 7,0<br>*0.276* | 21<br>*0.827* | 62,0<br>*2.441* | 63,0<br>*2.480* | 4,5<br>*0.177* | 4.50X3.40 | 3,1<br>*0.122* | 3 | E |
| T34-R45H16E03-6-32-21R | 10139100 | EGUNC6-32 | 32,0 | 1,32<br>*0.052* | 4,536<br>*0.179* | 8,0<br>*0.315* | 25<br>*0.984* | 68,68<br>*2.704* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 3,8<br>*0.150* | 3 | E |
| T34-R45H16E03-8-32-21R | 10139101 | EGUNC8-32 | 32,0 | 1,32<br>*0.052* | 5,197<br>*0.205* | 10,0<br>*0.394* | 30<br>*1.181* | 78,68<br>*3.098* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 4,4<br>*0.173* | 3 | E |
| T34-R45H16E03-10-24-21R | 10139102 | EGUNC10-24 | 24,0 | 1,64<br>*0.065* | 6,2<br>*0.244* | 12,0<br>*0.472* | 30<br>*1.181* | 78,36<br>*3.085* | 80,0<br>*3.150* | 7,0<br>*0.276* | 7.00X5.50 | 5,2<br>*0.205* | 3 | E |
| T34-R45H16E03-1/4-20-21R | 10139103 | EGUNC1/4-20 | 20,0 | 2,29<br>*0.090* | 8,001<br>*0.315* | 15,0<br>*0.591* | 35<br>*1.378* | 87,71<br>*3.453* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,7<br>*0.264* | 3 | E |
| T34-R45H16E03-5/16-18-21R | 10139104 | EGUNC5/16-18 | 18,0 | 2,5<br>*0.098* | 9,771<br>*0.385* | 18,0<br>*0.709* | 39<br>*1.535* | 97,5<br>*3.839* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8 | 8,4<br>*0.331* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGUNC






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—FHA = 45°
—Regimuri de așchiere, vezi pagina(paginile) 252

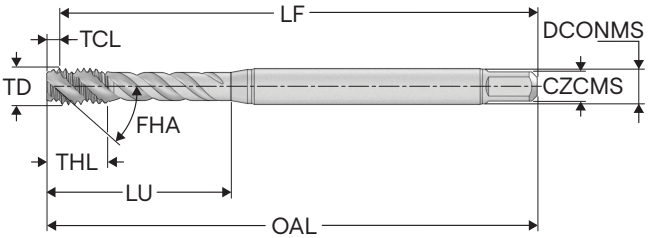
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H16E06-3/8-16-21R | 10139117 | EGUNC3/8-16 | 16,0 | 2,99<br>*0.118* | 11,587<br>*0.456* | 15,0<br>*0.591* | 73<br>*2.874* | 97,01<br>*3.819* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 10,0<br>*0.394* | 3 | E |
| T34-R45H16E06-7/16-14-21R | 10139118 | EGUNC7/16-14 | 14,0 | 3,3<br>*0.130* | 13,47<br>*0.530* | 18,0<br>*0.709* | 81<br>*3.189* | 106,7<br>*4.201* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 11,6<br>*0.457* | 3 | E |
| T34-R45H16E06-1/2-13-21R | 10139119 | EGUNC1/2-13 | 13,0 | 3,74<br>*0.147* | 15,237<br>*0.600* | 18,0<br>*0.709* | 68<br>*2.677* | 106,26<br>*4.183* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 13,3<br>*0.524* | 3 | E |
| T34-R45H16E06-9/16-12-21R | 10139120 | EGUNC9/16-12 | 12,0 | 3,6<br>*0.142* | 17,038<br>*0.671* | 20,0<br>*0.787* | 68<br>*2.677* | 106,4<br>*4.189* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 14,9<br>*0.587* | 4 | E |
| T34-R45H16E06-5/8-11-21R | 10139121 | EGUNC5/8-11 | 11,0 | 4,3<br>*0.169* | 18,875<br>*0.743* | 20,0<br>*0.787* | 81<br>*3.189* | 120,7<br>*4.752* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,5<br>*0.650* | 4 | E |
| T34-R45H16E06-3/4-10-21R | 10139122 | EGUNC3/4-10 | 10,0 | 4,8<br>*0.189* | 22,349<br>*0.880* | 25,0<br>*0.984* | 93<br>*3.661* | 135,2<br>*5.323* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00X14.50 | 19,75<br>*0.778* | 4 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGUNF






—Regimuri de așchiere, vezi pagina(paginile) 262
—Acoperirea: TiAlN
—Substrat: HSS-E-PM

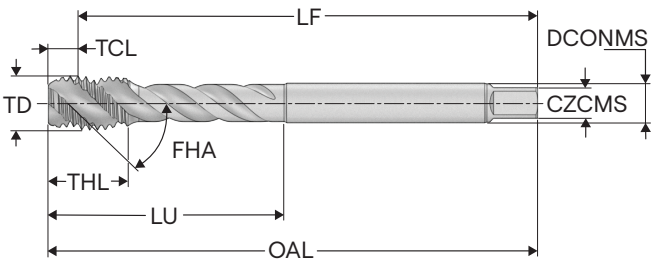
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H17E03-4-48-21R | 10139105 | EGUNF4-48 | 48,0 | 0,83<br>*0.033* | 3,533<br>*0.139* | 6,0<br>*0.236* | 20<br>*0.787* | 55,17<br>*2.172* | 56,0<br>*2.205* | 4,0<br>*0.157* | 4.00X3.00 | 3,0<br>*0.118* | 3 | E |
| T34-R45H17E03-6-40-21R | 10139106 | EGUNF6-40 | 40,0 | 1,12<br>*0.044* | 4,331<br>*0.171* | 7,0<br>*0.276* | 25<br>*0.984* | 68,88<br>*2.712* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 3,7<br>*0.146* | 3 | E |
| T34-R45H17E03-8-36-21R | 10139107 | EGUNF8-36 | 36,0 | 1,32<br>*0.052* | 5,083<br>*0.200* | 9,0<br>*0.354* | 30<br>*1.181* | 78,68<br>*3.098* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 4,4<br>*0.173* | 3 | E |
| T34-R45H17E03-10-32-21R | 10139108 | EGUNF10-32 | 32,0 | 1,23<br>*0.048* | 5,857<br>*0.231* | 9,0<br>*0.354* | 30<br>*1.181* | 78,77<br>*3.101* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,1<br>*0.201* | 3 | E |
| T34-R45H17E03-1/4-28-21R | 10139109 | EGUNF1/4-28 | 28,0 | 1,74<br>*0.069* | 7,529<br>*0.296* | 10,0<br>*0.394* | 35<br>*1.378* | 88,26<br>*3.475* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 6,6<br>*0.260* | 3 | E |
| T34-R45H17E03-5/16-24-21R | 10139110 | EGUNF5/16-24 | 24,0 | 2,52<br>*0.099* | 9,312<br>*0.367* | 12,0<br>*0.472* | 35<br>*1.378* | 87,48<br>*3.444* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 8,25<br>*0.325* | 3 | E |

## T34-R45HE

Găuri înfundate – Fileturi EGUNF






—Substrat: HSSE-PM
—Acoperirea: TiAlN + WC/C
—Standard: DIN376
—Clasa de toleranţă a filetului: 2B
—FHA = 45°
—Regimuri de așchiere, vezi pagina(paginile) 252

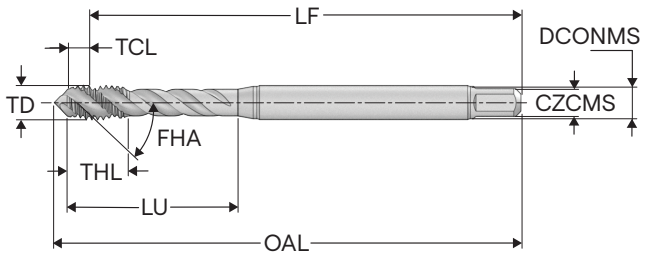
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45H17E06-3/8-24-21R | 10139123 | EGUNF3/8-24 | 24,0 | 2,0<br>*0.079* | 10,899<br>*0.429* | 12,0<br>*0.472* | 66<br>*2.598* | 88,0<br>*3.465* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.00 | 9,8<br>*0.386* | 3 | E |
| T34-R45H17E06-7/16-20-21R | 10139124 | EGUNF7/16-20 | 20,0 | 2,5<br>*0.098* | 12,763<br>*0.502* | 15,0<br>*0.591* | 73<br>*2.874* | 97,5<br>*3.839* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,5<br>*0.453* | 3 | E |
| T34-R45H17E06-1/2-20-21R | 10139125 | EGUNF1/2-20 | 20,0 | 2,5<br>*0.098* | 14,351<br>*0.565* | 15,0<br>*0.591* | 71<br>*2.795* | 97,5<br>*3.839* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 13,1<br>*0.516* | 3 | E |
| T34-R45H17E06-9/16-18-21R | 10139126 | EGUNF9/16-18 | 18,0 | 2,58<br>*0.102* | 16,121<br>*0.635* | 15,0<br>*0.591* | 58<br>*2.283* | 97,42<br>*3.835* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 14,7<br>*0.579* | 4 | E |
| T34-R45H17E06-5/8-18-21R | 10139127 | EGUNF5/8-18 | 18,0 | 2,7<br>*0.106* | 17,709<br>*0.697* | 15,0<br>*0.591* | 66<br>*2.598* | 107,3<br>*4.224* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 16,25<br>*0.640* | 4 | E |
| T34-R45H17E06-3/4-16-21R | 10139128 | EGUNF3/4-16 | 16,0 | 3,0<br>*0.118* | 21,112<br>*0.831* | 17,0<br>*0.669* | 80<br>*3.150* | 122,0<br>*4.803* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,5<br>*0.768* | 4 | E |

## T34-R45CC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 254

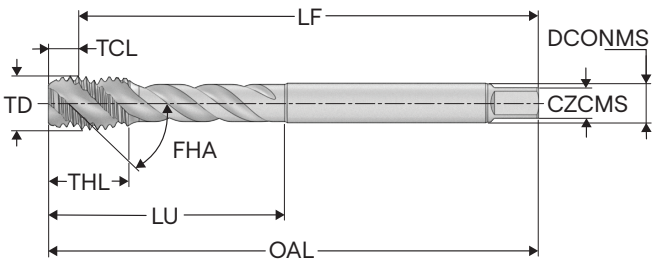
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45C01C03-3X0.5-65R | 10309853 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T34-R45C01C03-4X0.7-65R | 10309854 | M4 | 0,7 | 1,75<br>*0.069* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T34-R45C01C03-5X0.8-65R | 10309855 | M5 | 0,8 | 1,94<br>*0.076* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T34-R45C01C03-6X1-65R | 10309856 | M6 | 1,0 | 2,31<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T34-R45C01C03-8X1.25-65R | 10309857 | M8 | 1,25 | 3,16<br>*0.124* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,8<br>*3.417* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T34-R45C01C03-10X1.5-65R | 10309858 | M10 | 1,5 | 3,81<br>*0.150* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T34-R45CC

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 254

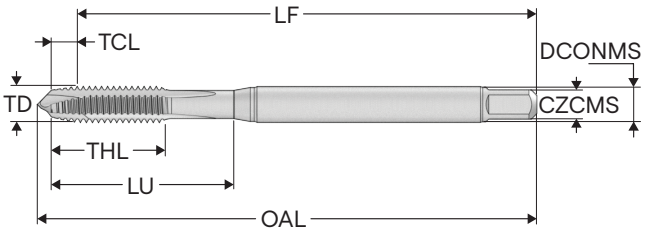
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T34-R45C01C06-12X1.75-65R | 10309870 | M12 | 1,75 | 4,47<br>*0.176* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,5<br>*4.154* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T34-R45C01C06-14X2-65R | 10309871 | M14 | 2,0 | 5,11<br>*0.201* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,9<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T34-R45C01C06-16X2-65R | 10309872 | M16 | 2,0 | 5,21<br>*0.205* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T34-R45C01C06-18X2.5-65R | 10309902 | M18 | 2,5 | 6,28<br>*0.247* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,7<br>*4.673* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | C |
| T34-R45C01C06-20X2.5-65R | 10309873 | M20 | 2,5 | 6,28<br>*0.247* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,7<br>*5.264* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |

## T35-PSB-P

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 256

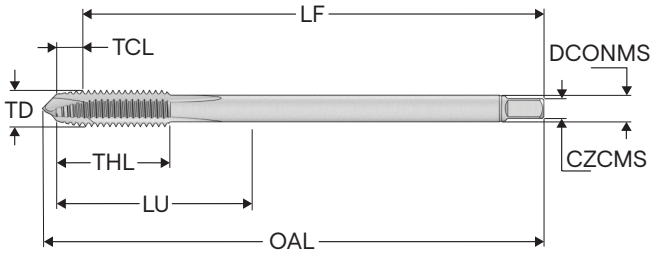
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-PS01B03-3X0.5-63R-P | 10309932 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 53,8<br>*2.118* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | B |
| T35-PS01B03-4X0.7-63R-P | 10309933 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 59,8<br>*2.354* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | B |
| T35-PS01B03-5X0.8-63R-P | 10309934 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 66,4<br>*2.614* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | B |
| T35-PS01B03-6X1-63R-P | 10309935 | M6 | 1,0 | 4,37<br>*0.172* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 75,6<br>*2.976* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | B |
| T35-PS01B03-8X1.25-63R-P | 10309936 | M8 | 1,25 | 5,4<br>*0.213* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 84,7<br>*3.335* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | B |
| T35-PS01B03-10X1.5-63R-P | 10309938 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 93,2<br>*3.669* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | B |

## T35-PSB-P

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 256

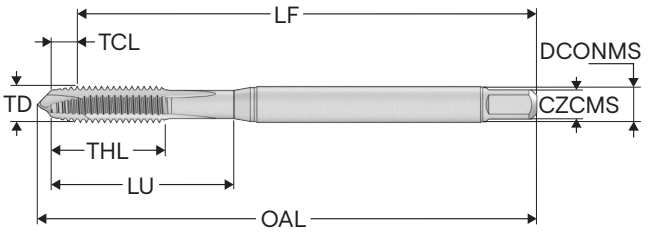
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-PS01B06-3X0.5-63R-P | 10309965 | M3 | 0,5 | 2,25<br>*0.089* | 3,0<br>*0.118* | 11,0<br>*0.433* | 37<br>*1.457* | 53,8<br>*2.118* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | B |
| T35-PS01B06-4X0.7-63R-P | 10309948 | M4 | 0,7 | 3,3<br>*0.130* | 4,0<br>*0.157* | 12,0<br>*0.472* | 44<br>*1.732* | 59,7<br>*2.350* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,3<br>*0.130* | 3 | B |
| T35-PS01B06-5X0.8-63R-P | 10309949 | M5 | 0,8 | 3,65<br>*0.144* | 5,0<br>*0.197* | 14,0<br>*0.551* | 51<br>*2.008* | 66,4<br>*2.614* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | B |
| T35-PS01B06-6X1-63R-P | 10309950 | M6 | 1,0 | 4,37<br>*0.172* | 6,0<br>*0.236* | 18,0<br>*0.709* | 61<br>*2.402* | 75,6<br>*2.976* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | B |
| T35-PS01B06-8X1.25-63R-P | 10309951 | M8 | 1,25 | 5,7<br>*0.224* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 84,3<br>*3.319* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | B |
| T35-PS01B06-10X1.5-63R-P | 10309952 | M10 | 1,5 | 6,84<br>*0.269* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 93,2<br>*3.669* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | B |
| T35-PS01B06-12X1.75-63R-P | 10309953 | M12 | 1,75 | 8,01<br>*0.315* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 102,0<br>*4.016* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | B |
| T35-PS01B06-14X2-63R-P | 10309955 | M14 | 2,0 | 9,14<br>*0.360* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 100,9<br>*3.972* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 3 | B |
| T35-PS01B06-16X2-63R-P | 10309957 | M16 | 2,0 | 9,24<br>*0.364* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 100,8<br>*3.969* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | B |
| T35-PS01B06-18X2.5-63R-P | 10309970 | M18 | 2,5 | 11,38<br>*0.448* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 113,6<br>*4.472* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | B |
| T35-PS01B06-20X2.5-63R-P | 10309959 | M20 | 2,5 | 11,58<br>*0.456* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 128,4<br>*5.055* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | B |
| T35-PS01B06-22X2.5-63R-P | 10309971 | M22 | 2,5 | 11,78<br>*0.464* | 20,0<br>*0.787* | 32,0<br>*1.260* | 93<br>*3.661* | 128,2<br>*5.047* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | B |
| T35-PS01B06-24X3-63R-P | 10309960 | M24 | 3,0 | 13,88<br>*0.546* | 24,0<br>*0.945* | 38,0<br>*1.496* | 113<br>*4.449* | 146,1<br>*5.752* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | B |

## T35-PSB-P

Găuri străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 256

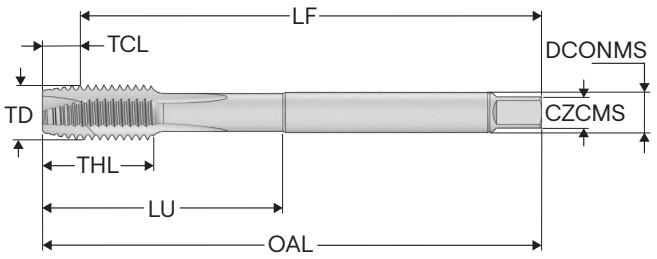
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-PS02B03-8X1-63R-P | 10309937 | MF8X1 | 1,0 | 4,37<br>*0.172* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 85,5<br>*3.366* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | B |
| T35-PS02B03-10X1-63R-P | 10309939 | MF10X1 | 1,0 | 4,77<br>*0.188* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 85,2<br>*3.354* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | B |

## T35-PSB-P

Găuri străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6H
—Regimuri de aşchiere, vezi pagina(paginile) 256

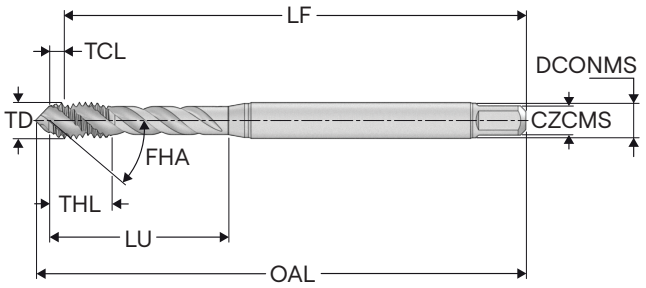
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-PS02B05-8X1-63R-P | 10309966 | MF8X1 | 1,0 | 4,67<br>*0.184* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 85,3<br>*3.358* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | B |
| T35-PS02B05-10X1-63R-P | 10309967 | MF10X1 | 1,0 | 4,77<br>*0.188* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 85,2<br>*3.354* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | B |
| T35-PS02B05-10X1.25-63R-P | 10309968 | MF10X1.25 | 1,25 | 5,8<br>*0.228* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 94,2<br>*3.709* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | B |
| T35-PS02B05-12X1.25-63R-P | 10309969 | MF12X1.25 | 1,25 | 5,94<br>*0.234* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 94,1<br>*3.705* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | B |
| T35-PS02B05-12X1.5-63R-P | 10309954 | MF12X1.5 | 1,5 | 6,97<br>*0.274* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 93,0<br>*3.661* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | B |
| T35-PS02B05-14X1.5-63R-P | 10309956 | MF14X1.5 | 1,5 | 7,07<br>*0.278* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 92,9<br>*3.657* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 3 | B |
| T35-PS02B05-16X1.5-63R-P | 10309958 | MF16X1.5 | 1,5 | 7,17<br>*0.282* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 92,8<br>*3.654* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 3 | B |

## T35-R40SC-P

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE-PM
- Acoperirea: TiAlSiN
- Standard: DIN371
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 256

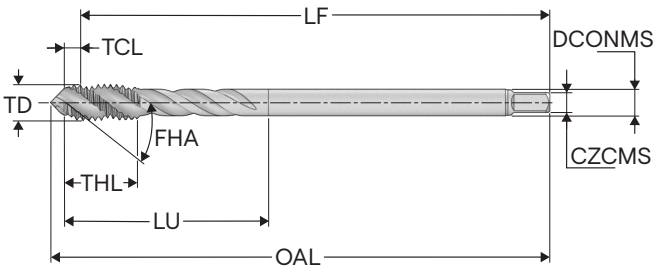
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R40S01C03-3X0.5-63R-P | 10309859 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T35-R40S01C03-4X0.7-63R-P | 10309860 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T35-R40S01C03-5X0.8-63R-P | 10309861 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T35-R40S01C03-6X1-63R-P | 10309862 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T35-R40S01C03-8X1.25-63R-P | 10309863 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T35-R40S01C03-10X1.5-63R-P | 10309865 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T35-R40SC-P

Găuri înfundate – Fileturi metrice rare






- Substrat: HSSE-PM
- Acoperirea: TiAlSiN
- Standard: DIN376
- Clasa de toleranţă a filetului: 6H
- FHA = 40°
- Regimuri de aşchiere, vezi pagina(paginile) 256

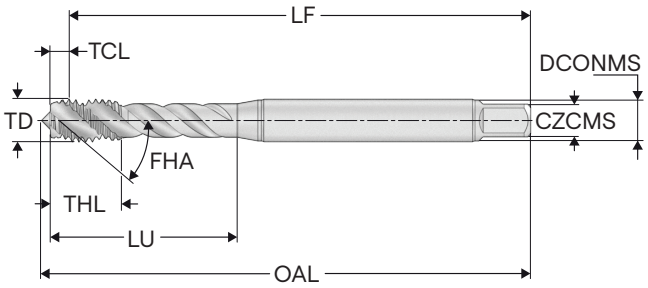
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R40S01C06-3X0.5-63R-P | 10309903 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 37<br>*1.457* | 54,8<br>*2.157* | 57,2<br>*2.252* | 2,2<br>*0.087* | 2.20x1.80 | 2,5<br>*0.098* | 3 | C |
| T35-R40S01C06-4X0.7-63R-P | 10309904 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 8,0<br>*0.315* | 44<br>*1.732* | 61,2<br>*2.409* | 64,5<br>*2.539* | 2,8<br>*0.110* | 2.80x2.10 | 3,3<br>*0.130* | 3 | C |
| T35-R40S01C06-5X0.8-63R-P | 10309905 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 10,0<br>*0.394* | 51<br>*2.008* | 68,1<br>*2.681* | 72,0<br>*2.835* | 3,5<br>*0.138* | 3.50x2.70 | 4,2<br>*0.165* | 3 | C |
| T35-R40S01C06-6X1-63R-P | 10309906 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 12,0<br>*0.472* | 61<br>*2.402* | 77,7<br>*3.059* | 82,4<br>*3.244* | 4,5<br>*0.177* | 4.50x3.40 | 5,0<br>*0.197* | 3 | C |
| T35-R40S01C06-8X1.25-63R-P | 10309874 | M8 | 1,25 | 3,11<br>*0.122* | 8,0<br>*0.315* | 15,0<br>*0.591* | 67<br>*2.638* | 86,9<br>*3.421* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 3 | C |
| T35-R40S01C06-10X1.5-63R-P | 10309876 | M10 | 1,5 | 3,76<br>*0.148* | 10,0<br>*0.394* | 17,0<br>*0.669* | 77<br>*3.031* | 96,2<br>*3.787* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 3 | C |
| T35-R40S01C06-12X1.75-63R-P | 10309877 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,6<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T35-R40S01C06-14X2-63R-P | 10309879 | M14 | 2,0 | 5,07<br>*0.200* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 104,9<br>*4.130* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T35-R40S01C06-16X2-63R-P | 10309880 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T35-R40S01C06-18X2.5-63R-P | 10309882 | M18 | 2,5 | 6,31<br>*0.248* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 118,7<br>*4.673* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | C |
| T35-R40S01C06-20X2.5-63R-P | 10309884 | M20 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,5<br>*5.256* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |
| T35-R40S01C06-22X2.5-63R-P | 10309885 | M22 | 2,5 | 6,51<br>*0.256* | 20,0<br>*0.787* | 25,0<br>*0.984* | 93<br>*3.661* | 133,5<br>*5.256* | 140,0<br>*5.512* | 18,0<br>*0.709* | 18.00x14.50 | 19,5<br>*0.768* | 4 | C |
| T35-R40S01C06-24X3-63R-P | 10309886 | M24 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 113<br>*4.449* | 152,2<br>*5.992* | 160,0<br>*6.299* | 18,0<br>*0.709* | 18.00x14.50 | 21,0<br>*0.827* | 4 | C |
| T35-R40S01C06-27X3-63R-P | 10309887 | M27 | 3,0 | 7,81<br>*0.307* | 24,0<br>*0.945* | 30,0<br>*1.181* | 97<br>*3.819* | 152,2<br>*5.992* | 160,0<br>*6.299* | 20,0<br>*0.787* | 20.00x16.00 | 24,0<br>*0.945* | 4 | C |
| T35-R40S01C06-30X3.5-63R-P | 10309888 | M30 | 3,5 | 8,87<br>*0.349* | 27,0<br>*1.063* | 35,0<br>*1.378* | 115<br>*4.528* | 171,1<br>*6.736* | 180,0<br>*7.087* | 22,0<br>*0.866* | 22.00x18.00 | 26,5<br>*1.043* | 4 | C |

## T35-R40SC-P

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 256

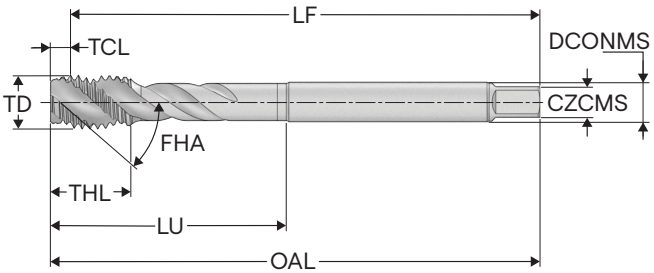
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R40S02C03-8X1-63R-P | 10309864 | MF8X1 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,4<br>*3.441* | 91,7<br>*3.610* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | C |
| T35-R40S02C03-10X1-63R-P | 10309866 | MF10X1 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,3<br>*3.437* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | C |
| T35-R40S02C03-10X1.25-63R-P | 10309896 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,8<br>*3.811* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,8<br>*0.346* | 3 | C |

## T35-R40SC-P

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6H
—FHA = 40°
—Regimuri de aşchiere, vezi pagina(paginile) 256

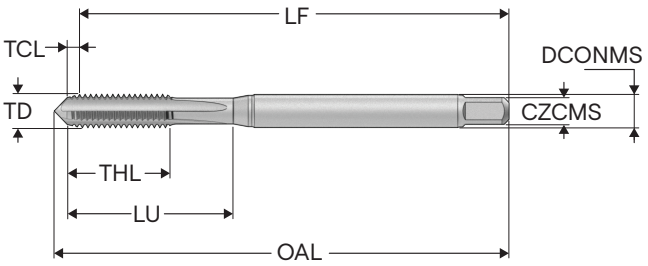
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R40S02C05-8X1-63R-P | 10309875 | MF8X1 | 1,0 | 2,58<br>*0.102* | 8,0<br>*0.315* | 10,0<br>*0.394* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 3 | C |
| T35-R40S02C05-10X1-63R-P | 10309907 | MF10X1 | 1,0 | 2,68<br>*0.106* | 10,0<br>*0.394* | 10,0<br>*0.394* | 67<br>*2.638* | 87,3<br>*3.437* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 3 | C |
| T35-R40S02C05-10X1.25-63R-P | 10309908 | MF10X1.25 | 1,25 | 3,21<br>*0.126* | 10,0<br>*0.394* | 15,0<br>*0.591* | 77<br>*3.031* | 96,8<br>*3.811* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,8<br>*0.346* | 3 | C |
| T35-R40S02C05-12X1-63R-P | 10309878 | MF12X1 | 1,0 | 2,79<br>*0.110* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 97,2<br>*3.827* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 3 | C |
| T35-R40S02C05-12X1.25-63R-P | 10309909 | MF12X1.25 | 1,25 | 3,34<br>*0.131* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,7<br>*3.807* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 3 | C |
| T35-R40S02C05-12X1.5-63R-P | 10309910 | MF12X1.5 | 1,5 | 3,87<br>*0.152* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,1<br>*3.783* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 3 | C |
| T35-R40S02C05-14X1.5-63R-P | 10309911 | MF14X1.5 | 1,5 | 3,97<br>*0.156* | 14,0<br>*0.551* | 15,0<br>*0.591* | 71<br>*2.795* | 96,0<br>*3.780* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 4 | C |
| T35-R40S02C05-16X1.5-63R-P | 10309881 | MF16X1.5 | 1,5 | 4,07<br>*0.160* | 16,0<br>*0.630* | 15,0<br>*0.591* | 58<br>*2.283* | 95,9<br>*3.776* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | C |
| T35-R40S02C05-18X1.5-63R-P | 10309883 | MF18X1.5 | 1,5 | 4,17<br>*0.164* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,8<br>*4.165* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | C |

## T35-SSC-K

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

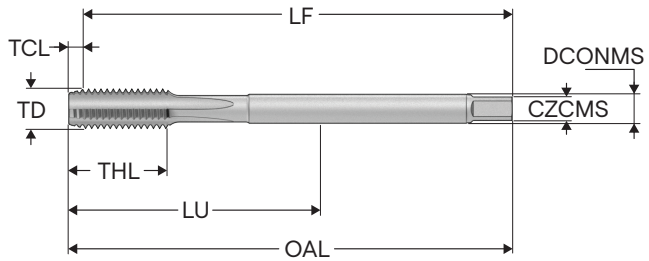
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS01C03-3X0.5-65R-K | 10309980 | M3 | 0,5 | 1,49<br>*0.059* | 3,0<br>*0.118* | 10,0<br>*0.394* | 20<br>*0.787* | 54,5<br>*2.146* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | C |
| T35-SS01C03-4X0.7-65R-K | 10309981 | M4 | 0,7 | 1,96<br>*0.077* | 4,0<br>*0.157* | 12,0<br>*0.472* | 20,5<br>*0.807* | 61,0<br>*2.402* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | C |
| T35-SS01C03-5X0.8-65R-K | 10309982 | M5 | 0,8 | 2,19<br>*0.086* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 67,8<br>*2.669* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | C |
| T35-SS01C03-6X1-65R-K | 10309983 | M6 | 1,0 | 2,66<br>*0.105* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 77,3<br>*3.043* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | C |
| T35-SS01C03-8X1.25-65R-K | 10309984 | M8 | 1,25 | 3,63<br>*0.143* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 86,4<br>*3.402* | 91,8<br>*3.614* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | C |
| T35-SS01C03-10X1.5-65R-K | 10309985 | M10 | 1,5 | 4,42<br>*0.174* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 95,6<br>*3.764* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | C |

## T35-SSC-K

Găuri înfundate și străpunse– Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 256

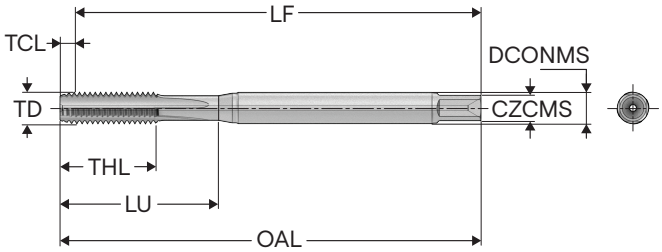
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS01C06-8X1.25-65R-K | 10309996 | M8 | 1,25 | 3,63<br>*0.143* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 86,4<br>*3.402* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 6,8<br>*0.268* | 4 | C |
| T35-SS01C06-10X1.5-65R-K | 10309997 | M10 | 1,5 | 4,31<br>*0.170* | 10,0<br>*0.394* | 20,0<br>*0.787* | 77<br>*3.031* | 95,7<br>*3.768* | 100,0<br>*3.937* | 7,0<br>*0.276* | 7.00x5.50 | 8,5<br>*0.335* | 4 | C |
| T35-SS01C06-12X1.75-65R-K | 10309999 | M12 | 1,75 | 5,0<br>*0.197* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 105,0<br>*4.134* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 4 | C |
| T35-SS01C06-14X2-65R-K | 10310002 | M14 | 2,0 | 5,77<br>*0.227* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 104,2<br>*4.102* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T35-SS01C06-16X2-65R-K | 10310004 | M16 | 2,0 | 5,87<br>*0.231* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 104,1<br>*4.098* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T35-SS01C06-18X2.5-65R-K | 10310025 | M18 | 2,5 | 7,29<br>*0.287* | 18,0<br>*0.709* | 32,0<br>*1.260* | 81<br>*3.189* | 117,7<br>*4.634* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00x11.00 | 15,5<br>*0.610* | 4 | C |
| T35-SS01C06-20X2.5-65R-K | 10310007 | M20 | 2,5 | 6,99<br>*0.275* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 133,0<br>*5.236* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |

## T35A-SSC-K

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 256

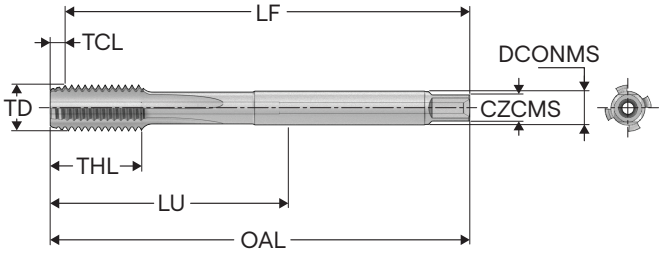
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35A-SS01C03-6X1-65R-K | 10309845 | M6 | 1,0 | 2,8<br>*0.110* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 77,2<br>*3.039* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 4 | C |
| T35A-SS01C03-8X1.25-65R-K | 10309846 | M8 | 1,25 | 3,63<br>*0.143* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 86,4<br>*3.402* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 4 | C |
| T35A-SS01C03-10X1.5-65R-K | 10309847 | M10 | 1,5 | 4,42<br>*0.174* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 95,6<br>*3.764* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 4 | C |

## T35A-SSC-K

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 256

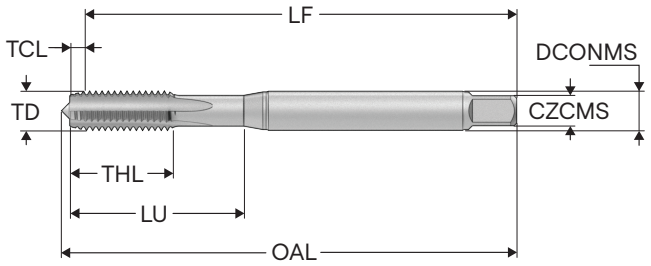
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35A-SS01C06-12X1.75-65R-K | 10309899 | M12 | 1,75 | 5,0<br>*0.197* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 105,0<br>*4.134* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 4 | C |
| T35A-SS01C06-14X2-65R-K | 10309900 | M14 | 2,0 | 5,77<br>*0.227* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 104,2<br>*4.102* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | C |
| T35A-SS01C06-16X2-65R-K | 10309867 | M16 | 2,0 | 5,87<br>*0.231* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 104,1<br>*4.098* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | C |
| T35A-SS01C06-20X2.5-65R-K | 10309868 | M20 | 2,5 | 6,99<br>*0.275* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 133,0<br>*5.236* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | C |

## T35-SSC-K

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 256

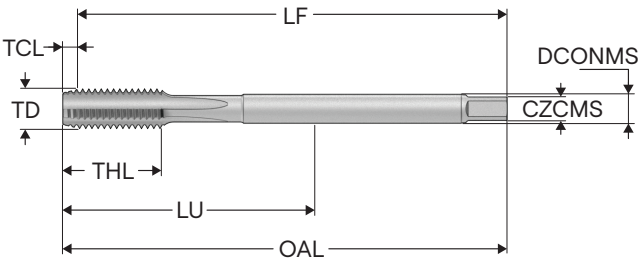
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS02C03-8X1-65R-K | 10310019 | MF8X1 | 1,0 | 2,96<br>*0.117* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,0<br>*3.425* | 91,8<br>*3.614* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | C |
| T35-SS02C03-10X1-65R-K | 10310020 | MF10X1 | 1,0 | 2,96<br>*0.117* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 87,0<br>*3.425* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | C |
| T35-SS02C03-10X1.25-65R-K | 10309986 | MF10X1.25 | 1,25 | 3,73<br>*0.147* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 96,3<br>*3.791* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,8<br>*0.346* | 3 | C |

## T35-SSC-K

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

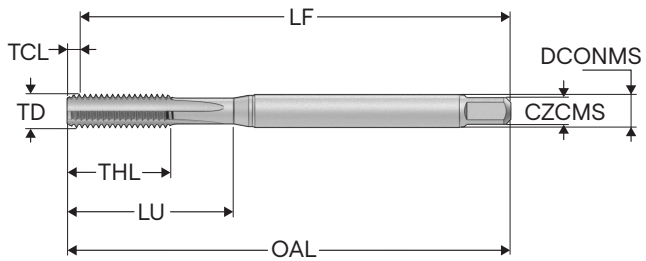
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS02C05-8X1-65R-K | 10310021 | MF8X1 | 1,0 | 2,96<br>*0.117* | 8,0<br>*0.315* | 20,0<br>*0.787* | 67<br>*2.638* | 87,0<br>*3.425* | 90,0<br>*3.543* | 6,0<br>*0.236* | 6.00x4.90 | 7,0<br>*0.276* | 4 | C |
| T35-SS02C05-10X1-65R-K | 10309998 | MF10X1 | 1,0 | 2,96<br>*0.117* | 10,0<br>*0.394* | 20,0<br>*0.787* | 67<br>*2.638* | 87,0<br>*3.425* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00x5.50 | 9,0<br>*0.354* | 4 | C |
| T35-SS02C05-12X1-65R-K | 10310022 | MF12X1 | 1,0 | 2,98<br>*0.117* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 96,8<br>*3.811* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 4 | C |
| T35-SS02C05-12X1.25-65R-K | 10310000 | MF12X1.25 | 1,25 | 3,67<br>*0.144* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 96,1<br>*3.783* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,8<br>*0.425* | 4 | C |
| T35-SS02C05-12X1.5-65R-K | 10310001 | MF12X1.5 | 1,5 | 4,54<br>*0.179* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 95,5<br>*3.760* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 4 | C |
| T35-SS02C05-14X1-65R-K | 10310023 | MF14X1 | 1,0 | 2,98<br>*0.117* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 96,7<br>*3.807* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 4 | C |
| T35-SS02C05-14X1.5-65R-K | 10310003 | MF14X1.5 | 1,5 | 4,44<br>*0.175* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 95,6<br>*3.764* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 3 | C |
| T35-SS02C05-16X1-65R-K | 10310024 | MF16X1 | 1,0 | 2,98<br>*0.117* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 97,0<br>*3.819* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 15,0<br>*0.591* | 4 | C |
| T35-SS02C05-16X1.5-65R-K | 10310005 | MF16X1.5 | 1,5 | 4,44<br>*0.175* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 95,6<br>*3.764* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | C |
| T35-SS02C05-18X1-65R-K | 10310026 | MF18X1 | 1,0 | 2,98<br>*0.117* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 106,7<br>*4.201* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 17,0<br>*0.669* | 4 | C |
| T35-SS02C05-18X1.5-65R-K | 10310006 | MF18X1.5 | 1,5 | 4,44<br>*0.175* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 105,6<br>*4.157* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | C |
| T35-SS02C05-20X1.5-65R-K | 10310008 | MF20X1.5 | 1,5 | 4,54<br>*0.179* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 120,5<br>*4.744* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | C |

## T35-SSE-K

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

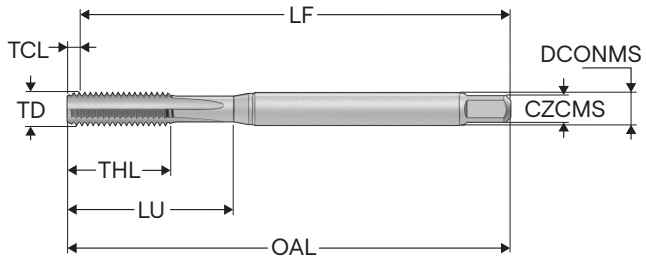
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS01E03-3X0.5-65R-K | 10309987 | M3 | 0,5 | 0,85<br>*0.033* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 55,1<br>*2.169* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 3 | E |
| T35-SS01E03-4X0.7-65R-K | 10309988 | M4 | 0,7 | 1,12<br>*0.044* | 4,0<br>*0.157* | 12,0<br>*0.472* | 21<br>*0.827* | 61,9<br>*2.437* | 63,0<br>*2.480* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 3 | E |
| T35-SS01E03-5X0.8-65R-K | 10309989 | M5 | 0,8 | 1,25<br>*0.049* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 68,7<br>*2.705* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | E |
| T35-SS01E03-6X1-65R-K | 10309990 | M6 | 1,0 | 1,52<br>*0.060* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 78,4<br>*3.087* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 3 | E |
| T35-SS01E03-8X1.25-65R-K | 10309991 | M8 | 1,25 | 2,2<br>*0.087* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,8<br>*3.457* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 3 | E |
| T35-SS01E03-10X1.5-65R-K | 10309993 | M10 | 1,5 | 2,69<br>*0.106* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 97,3<br>*3.831* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 3 | E |

## T35-SSE-K

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

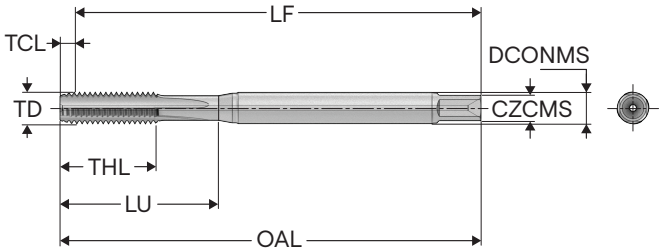
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS01E06-12X1.75-65R-K | 10310009 | M12 | 1,75 | 3,07<br>*0.121* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 106,9<br>*4.209* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 4 | E |
| T35-SS01E06-14X2-65R-K | 10310011 | M14 | 2,0 | 3,55<br>*0.140* | 14,0<br>*0.551* | 25,0<br>*0.984* | 81<br>*3.189* | 106,4<br>*4.189* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00x9.00 | 12,0<br>*0.472* | 4 | E |
| T35-SS01E06-16X2-65R-K | 10310014 | M16 | 2,0 | 3,25<br>*0.128* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 106,7<br>*4.201* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | E |
| T35-SS01E06-20X2.5-65R-K | 10310017 | M20 | 2,5 | 4,41<br>*0.174* | 20,0<br>*0.787* | 32,0<br>*1.260* | 95<br>*3.740* | 135,6<br>*5.339* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00x12.00 | 17,5<br>*0.689* | 4 | E |

## T35A-SSE-K

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 256

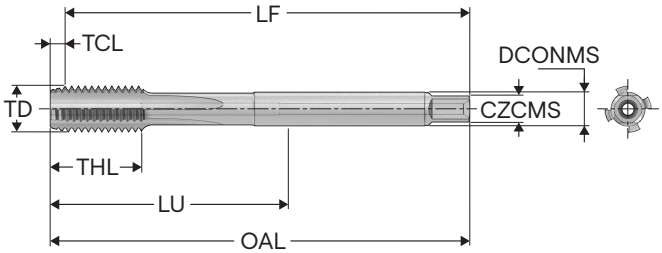
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35A-SS01E03-5X0.8-65R-K | 10309848 | M5 | 0,8 | 1,45<br>*0.057* | 5,0<br>*0.197* | 14,0<br>*0.551* | 25<br>*0.984* | 68,6<br>*2.701* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 3 | E |
| T35A-SS01E03-6X1-65R-K | 10309849 | M6 | 1,0 | 1,69<br>*0.067* | 6,0<br>*0.236* | 18,0<br>*0.709* | 30<br>*1.181* | 78,3<br>*3.083* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 4 | E |
| T35A-SS01E03-8X1.25-65R-K | 10309850 | M8 | 1,25 | 2,2<br>*0.087* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,8<br>*3.457* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 4 | E |
| T35A-SS01E03-10X1.5-65R-K | 10309852 | M10 | 1,5 | 2,69<br>*0.106* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 97,3<br>*3.831* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 4 | E |

## T35A-SSE-K

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 256

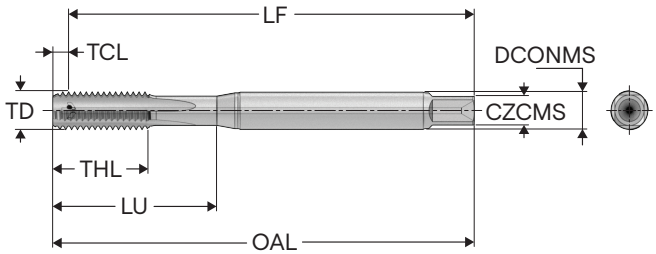
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35A-SS01E06-12X1.75-65R-K | 10309869 | M12 | 1,75 | 3,07<br>*0.121* | 12,0<br>*0.472* | 24,0<br>*0.945* | 83<br>*3.268* | 106,9<br>*4.209* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 4 | E |
| T35A-SS01E06-16X2-65R-K | 10309901 | M16 | 2,0 | 3,65<br>*0.144* | 16,0<br>*0.630* | 32,0<br>*1.260* | 68<br>*2.677* | 106,3<br>*4.185* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 4 | E |

## T35B-SSE-K

Găuri înfundate și străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 256

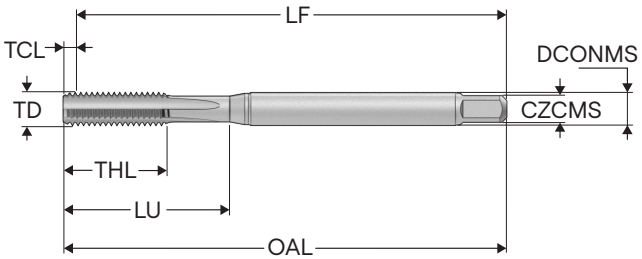
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35B-SS01E03-8X1.25-65R-K | 10309946 | M8 | 1,25 | 2,2<br>*0.087* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 87,8<br>*3.457* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 4 | E |
| T35B-SS01E03-10X1.5-65R-K | 10309947 | M10 | 1,5 | 2,59<br>*0.102* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 97,4<br>*3.835* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 4 | E |

## T35-SSE-K

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

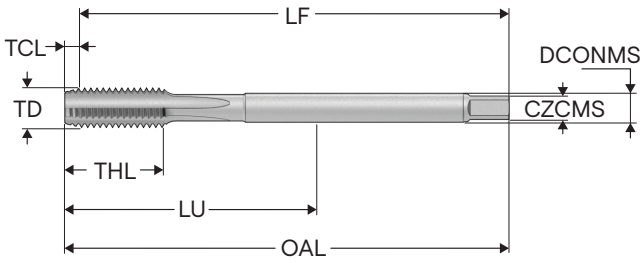
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS02E03-8X1-65R-K | 10309992 | MF8X1 | 1,0 | 1,82<br>*0.072* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 88,2<br>*3.472* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 3 | E |
| T35-SS02E03-10X1-65R-K | 10309994 | MF10X1 | 1,0 | 1,82<br>*0.072* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 88,2<br>*3.472* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 3 | E |
| T35-SS02E03-10X1.25-65R-K | 10309995 | MF10X1.25 | 1,25 | 2,3<br>*0.091* | 10,0<br>*0.394* | 20,0<br>*0.787* | 39<br>*1.535* | 97,7<br>*3.846* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00x8.00 | 8,8<br>*0.346* | 3 | E |

## T35-SSE-K

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 256

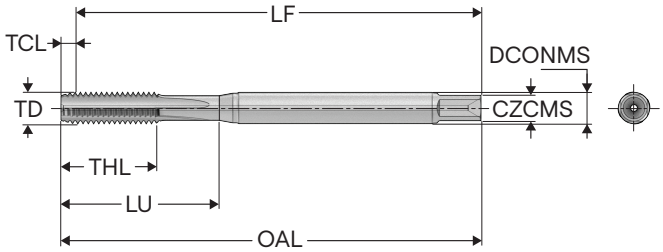
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-SS02E05-12X1-65R-K | 10310010 | MF12X1 | 1,0 | 1,83<br>*0.072* | 12,0<br>*0.472* | 20,0<br>*0.787* | 83<br>*3.268* | 108,2<br>*4.260* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 11,0<br>*0.433* | 4 | E |
| T35-SS02E05-12X1.5-65R-K | 10310027 | MF12X1.5 | 1,5 | 2,81<br>*0.111* | 12,0<br>*0.472* | 20,0<br>*0.787* | 73<br>*2.874* | 97,2<br>*3.827* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00x7.00 | 10,5<br>*0.413* | 4 | E |
| T35-SS02E05-14X1-65R-K | 10310012 | MF14X1 | 1,0 | 1,83<br>*0.072* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 98,2<br>*3.866* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 13,0<br>*0.512* | 4 | E |
| T35-SS02E05-14X1.5-65R-K | 10310013 | MF14X1.5 | 1,5 | 2,71<br>*0.107* | 14,0<br>*0.551* | 20,0<br>*0.787* | 71<br>*2.795* | 97,3<br>*3.831* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00x9.00 | 12,5<br>*0.492* | 4 | E |
| T35-SS02E05-16X1.5-65R-K | 10310015 | MF16X1.5 | 1,5 | 2,61<br>*0.103* | 16,0<br>*0.630* | 20,0<br>*0.787* | 58<br>*2.283* | 97,4<br>*3.835* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00x9.00 | 14,5<br>*0.571* | 4 | E |
| T35-SS02E05-18X1.5-65R-K | 10310016 | MF18X1.5 | 1,5 | 2,71<br>*0.107* | 18,0<br>*0.709* | 24,0<br>*0.945* | 66<br>*2.598* | 107,3<br>*4.224* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00x11.00 | 16,5<br>*0.650* | 4 | E |
| T35-SS02E05-20X1.5-65R-K | 10310018 | MF20X1.5 | 1,5 | 2,81<br>*0.111* | 20,0<br>*0.787* | 24,0<br>*0.945* | 80<br>*3.150* | 122,2<br>*4.811* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00x12.00 | 18,5<br>*0.728* | 4 | E |

## T35A-SSE-K

Găuri înfundate – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 0°
—Regimuri de aşchiere, vezi pagina(paginile) 256

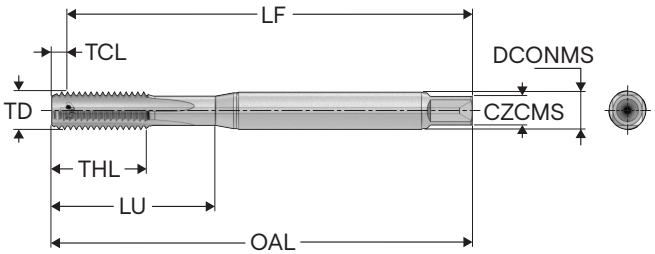
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35A-SS02E03-8X1-65R-K | 10309851 | MF8X1 | 1,0 | 1,82<br>*0.072* | 8,0<br>*0.315* | 20,0<br>*0.787* | 35<br>*1.378* | 88,2<br>*3.472* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00x6.20 | 7,0<br>*0.276* | 4 | E |
| T35A-SS02E03-10X1-65R-K | 10309895 | MF10X1 | 1,0 | 1,82<br>*0.072* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 88,2<br>*3.472* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 4 | E |

## T35B-SSE-K

Găuri înfundate și străpunse – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 256

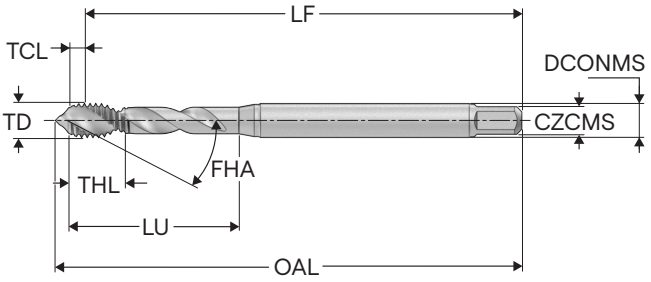
**Plus**

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35B-SS02E03-10X1-65R-K | 10309964 | MF10X1 | 1,0 | 1,82<br>*0.072* | 10,0<br>*0.394* | 20,0<br>*0.787* | 35<br>*1.378* | 88,2<br>*3.472* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00x8.00 | 9,0<br>*0.354* | 4 | E |

## T35-R45UC-N

Găuri înfundate – Fileturi metrice rare





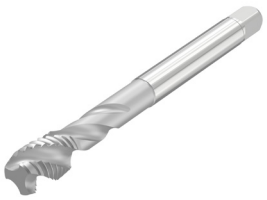

—Substrat: HSSE
—Neacoperit
—Standard: DIN371
—Clasa de toleranţă a filetului: 6H
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 256

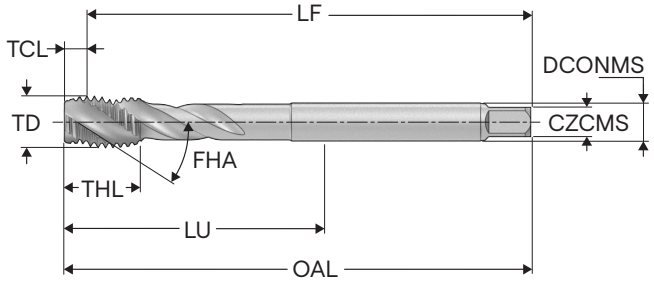
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R45U01C03-3X0.5-63R-N | 10309889 | M3 | 0,5 | 1,17<br>*0.046* | 3,0<br>*0.118* | 5,0<br>*0.197* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50x2.70 | 2,5<br>*0.098* | 2 | C |
| T35-R45U01C03-4X0.7-63R-N | 10309890 | M4 | 0,7 | 1,72<br>*0.068* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50x3.40 | 3,3<br>*0.130* | 2 | C |
| T35-R45U01C03-5X0.8-63R-N | 10309891 | M5 | 0,8 | 1,9<br>*0.075* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00x4.90 | 4,2<br>*0.165* | 2 | C |
| T35-R45U01C03-6X1-63R-N | 10309892 | M6 | 1,0 | 2,28<br>*0.090* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00x4.90 | 5,0<br>*0.197* | 2 | C |
| T35-R45U01C03-8X1.25-63R-N | 10309893 | M8 | 1,25 | 3,25<br>*0.128* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 88,5<br>*3.484* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00x6.20 | 6,8<br>*0.268* | 2 | C |
| T35-R45U01C03-10X1.5-63R-N | 10309894 | M10 | 1,5 | 3,9<br>*0.154* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,2<br>*3.787* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00x8.00 | 8,5<br>*0.335* | 2 | C |

## T35-R45UC-N

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE
—Neacoperit
—Standard: DIN376
—Clasa de toleranţă a filetului: 6H
—FHA = 45°
—Regimuri de aşchiere, vezi pagina(paginile) 256

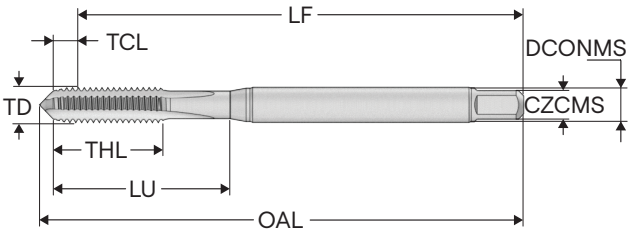
Plus

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T35-R45U01C06-12X1.75-63R-N | 10309897 | M12 | 1,75 | 4,41<br>*0.174* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 105,6<br>*4.157* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00x7.00 | 10,2<br>*0.402* | 3 | C |
| T35-R45U01C06-16X2-63R-N | 10309898 | M16 | 2,0 | 5,15<br>*0.203* | 16,0<br>*0.630* | 20,0<br>*0.787* | 68<br>*2.677* | 104,8<br>*4.126* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,0<br>*0.551* | 3 | C |

## T35-SSC-H

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 252

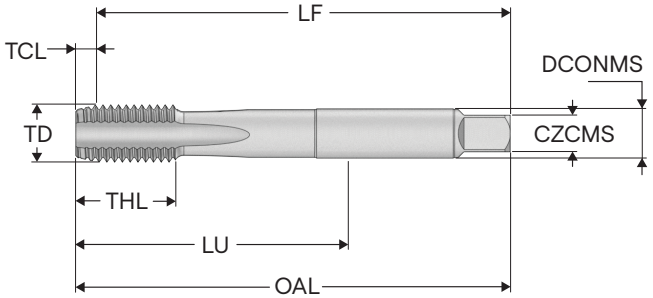
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-SS01C03-3X0.5-65R-H | 10265557 | M3 | 0,5 | 1,49 | 3,0 | 10,0 | 18 | 54,5 | 57,2 | 3,5 | 3.50x2.70 | 2,5 | 3 | C |
| T35-SS01C03-4X0.7-65R-H | 10265558 | M4 | 0,7 | 1,96 | 4,0 | 12,0 | 21 | 61,0 | 64,6 | 4,5 | 4.50x3.40 | 3,3 | 3 | C |
| T35-SS01C03-5X0.8-65R-H | 10265559 | M5 | 0,8 | 2,19 | 5,0 | 14,0 | 25 | 67,8 | 72,0 | 6,0 | 6.00x4.90 | 4,2 | 3 | C |
| T35-SS01C03-6X1-65R-H | 10265560 | M6 | 1,0 | 2,66 | 6,0 | 18,0 | 30 | 77,3 | 82,4 | 6,0 | 6.00x4.90 | 5,0 | 3 | C |
| T35-SS01C03-8X1.25-65R-H | 10265561 | M8 | 1,25 | 3,63 | 8,0 | 20,0 | 35 | 86,4 | 91,7 | 8,0 | 8.00x6.20 | 6,8 | 3 | C |
| T35-SS01C03-10X1.5-65R-H | 10265562 | M10 | 1,5 | 4,42 | 10,0 | 20,0 | 39 | 95,6 | 100,0 | 10,0 | 10.00x8.00 | 8,5 | 3 | C |

## T35-SSC-H

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 252

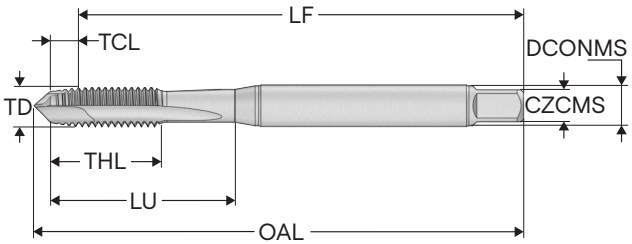
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-SS01C06-12X1.75-65R-H | 10265563 | M12 | 1,75 | 5,0 | 12,0 | 24,0 | 83 | 105,0 | 110,0 | 9,0 | 9.00x7.00 | 10,2 | 3 | C |
| T35-SS01C06-16X2-65R-H | 10265564 | M16 | 2,0 | 5,87 | 16,0 | 32,0 | 68 | 104,1 | 110,0 | 12,0 | 12.00x9.00 | 14,0 | 4 | C |
| T35-SS01C06-20X2.5-65R-H | 10265565 | M20 | 2,5 | 7,29 | 20,0 | 32,0 | 95 | 132,5 | 140,0 | 16,0 | 16.00x12.00 | 17,5 | 4 | C |

## T35-PSB-H

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

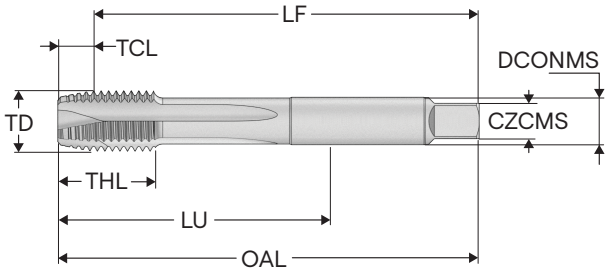
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-PS01B03-3X0.5-65R-H | 10265546 | M3 | 0,5 | 2,3 | 3,0 | 13,0 | 13 | 53,7 | 57,2 | 3,5 | 3.50x2.70 | 2,5 | 3 | B |
| T35-PS01B03-4X0.7-65R-H | 10265547 | M4 | 0,7 | 3,0 | 4,0 | 16,0 | 16 | 60,0 | 64,6 | 4,5 | 4.50x3.40 | 3,3 | 3 | B |
| T35-PS01B03-5X0.8-65R-H | 10265548 | M5 | 0,8 | 3,7 | 5,0 | 20,0 | 20 | 66,3 | 72,0 | 6,0 | 6.00x4.90 | 4,2 | 3 | B |
| T35-PS01B03-6X1-65R-H | 10265549 | M6 | 1,0 | 4,4 | 6,0 | 25,0 | 25 | 75,6 | 82,4 | 6,0 | 6.00x4.90 | 5,0 | 3 | B |
| T35-PS01B03-8X1.25-65R-H | 10265550 | M8 | 1,25 | 5,5 | 8,0 | 20,0 | 35 | 84,6 | 93,3 | 8,0 | 8.00x6.20 | 6,8 | 3 | B |
| T35-PS01B03-10X1.5-65R-H | 10265551 | M10 | 1,5 | 6,9 | 10,0 | 20,0 | 39 | 93,1 | 101,8 | 10,0 | 10.00x8.00 | 8,5 | 3 | B |

## T35-PSB-H

Găuri străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 252

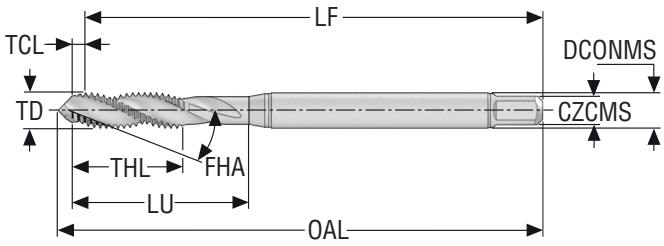
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-PS01B06-12X1.75-65R-H | 10265552 | M12 | 1,75 | 8,11 | 12,0 | 24,0 | 83 | 101,9 | 110,0 | 9,0 | 9.00x7.00 | 10,2 | 3 | B |
| T35-PS01B06-14X2-65R-H | 10265553 | M14 | 2,0 | 9,26 | 14,0 | 25,0 | 81 | 100,7 | 110,0 | 11,0 | 11.00x9.00 | 12,0 | 3 | B |
| T35-PS01B06-16X2-65R-H | 10265554 | M16 | 2,0 | 9,36 | 16,0 | 32,0 | 68 | 100,6 | 110,0 | 12,0 | 12.00x9.00 | 14,0 | 3 | B |
| T35-PS01B06-18X2.5-65R-H | 10265555 | M18 | 2,5 | 10,83 | 18,0 | 32,0 | 81 | 114,2 | 125,0 | 14,0 | 14.00x11.00 | 15,5 | 4 | B |
| T35-PS01B06-20X2.5-65R-H | 10265556 | M20 | 2,5 | 11,7 | 20,0 | 32,0 | 95 | 128,3 | 140,0 | 16,0 | 16.00x12.00 | 17,5 | 4 | B |

## T35-R15SC-H

Găuri înfundate – Fileturi metrice rare





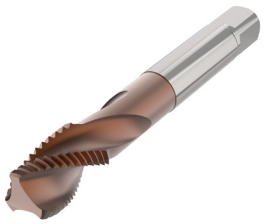

—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

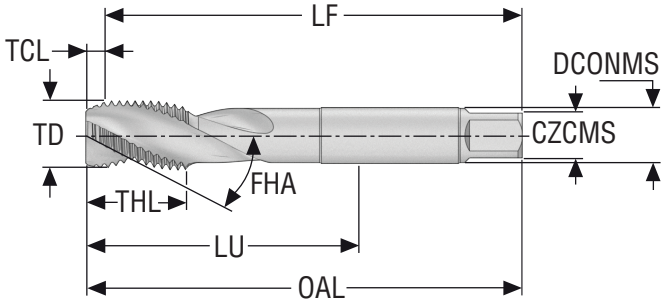
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-R15S01C03-3X0.5-65R-H | 10265499 | M3 | 0,5 | 1,49 | 3,0 | 10,0 | 18 | 54,5 | 57,2 | 3,5 | 3.50x2.70 | 2,5 | 3 | C |
| T35-R15S01C03-4X0.7-65R-H | 10265500 | M4 | 0,7 | 1,96 | 4,0 | 12,0 | 21 | 61,0 | 64,6 | 4,5 | 4.50x3.40 | 3,3 | 3 | C |
| T35-R15S01C03-5X0.8-65R-H | 10265501 | M5 | 0,8 | 2,19 | 5,0 | 14,0 | 25 | 67,8 | 72,0 | 6,0 | 6.00x4.90 | 4,2 | 3 | C |
| T35-R15S01C03-6X1-65R-H | 10265502 | M6 | 1,0 | 2,66 | 6,0 | 18,0 | 30 | 77,3 | 82,4 | 6,0 | 6.00x4.90 | 5,0 | 3 | C |
| T35-R15S01C03-8X1.25-65R-H | 10265503 | M8 | 1,25 | 3,73 | 8,0 | 20,0 | 35 | 86,3 | 91,8 | 8,0 | 8.00x6.20 | 6,8 | 3 | C |
| T35-R15S01C03-10X1.5-65R-H | 10265504 | M10 | 1,5 | 4,42 | 10,0 | 20,0 | 39 | 95,6 | 101,8 | 10,0 | 10.00x8.00 | 8,5 | 3 | C |

## T35-R15SC-H

Găuri înfundate – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

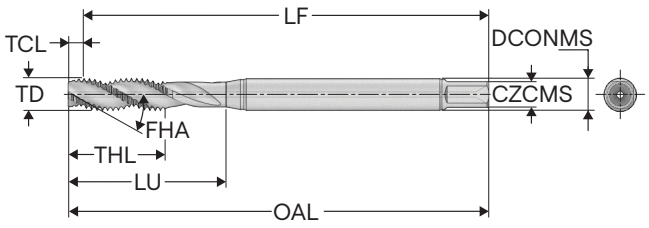
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-R15S01C06-12X1.75-65R-H | 10265505 | M12 | 1,75 | 5,0 | 12,0 | 24,0 | 83 | 105,0 | 110,0 | 9,0 | 9.00x7.00 | 10,2 | 3 | C |
| T35-R15S01C06-14X2-65R-H | 10265506 | M14 | 2,0 | 5,77 | 14,0 | 25,0 | 81 | 104,2 | 110,0 | 11,0 | 11.00x9.00 | 12,0 | 3 | C |
| T35-R15S01C06-16X2-65R-H | 10265507 | M16 | 2,0 | 5,87 | 16,0 | 32,0 | 68 | 104,1 | 110,0 | 12,0 | 12.00x9.00 | 14,0 | 3 | C |
| T35-R15S01C06-18X2.5-65R-H | 10265508 | M18 | 2,5 | 7,29 | 18,0 | 32,0 | 81 | 117,7 | 125,0 | 14,0 | 14.00x11.00 | 15,5 | 3 | C |
| T35-R15S01C06-20X2.5-65R-H | 10265509 | M20 | 2,5 | 7,49 | 20,0 | 32,0 | 95 | 132,7 | 140,0 | 16,0 | 16.00x12.00 | 17,5 | 3 | C |
| T35-R15S01C06-22X2.5-65R-H | 10265510 | M22 | 2,5 | 7,29 | 22,0 | 32,0 | 93 | 132,7 | 140,0 | 18,0 | 18.00x14.50 | 19,5 | 3 | C |
| T35-R15S01C06-24X3-65R-H | 10265511 | M24 | 3,0 | 8,65 | 24,0 | 38,0 | 113 | 151,3 | 160,0 | 18,0 | 18.00x14.50 | 21,0 | 4 | C |
| T35-R15S01C06-27X3-65R-H | 10265512 | M27 | 3,0 | 8,65 | 27,0 | 38,0 | 97 | 151,7 | 160,0 | 20,0 | 20.00x16.00 | 24,0 | 4 | C |
| T35-R15S01C06-30X3.5-65R-H | 10265513 | M30 | 3,5 | 9,96 | 30,0 | 45,0 | 115 | 170,0 | 180,0 | 22,0 | 22.00x18.00 | 26,5 | 4 | C |

## T35A-R15SC-H

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

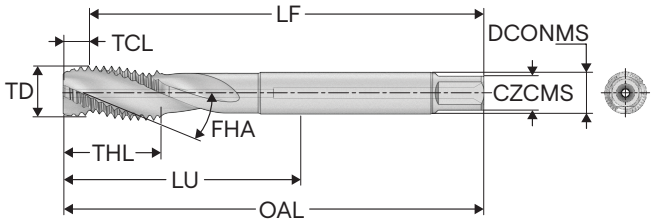
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35A-R15S01C03-5X0.8-65R-H | 10265526 | M5 | 0,8 | 2,19 | 5,0 | 14,0 | 25 | 67,6 | 70,0 | 6,0 | 6.00x4.90 | 4,2 | 3 | C |
| T35A-R15S01C03-6X1-65R-H | 10265527 | M6 | 1,0 | 2,66 | 6,0 | 18,0 | 30 | 77,1 | 80,0 | 6,0 | 6.00x4.90 | 5,0 | 3 | C |
| T35A-R15S01C03-8X1.25-65R-H | 10265528 | M8 | 1,25 | 3,73 | 8,0 | 20,0 | 35 | 86,4 | 90,0 | 8,0 | 8.00x6.20 | 6,8 | 3 | C |
| T35A-R15S01C03-10X1.5-65R-H | 10265529 | M10 | 1,5 | 4,42 | 10,0 | 20,0 | 39 | 95,6 | 100,0 | 10,0 | 10.00x8.00 | 8,5 | 3 | C |

## T35A-R15SC-H

Găuri înfundate – Fileturi metrice rare





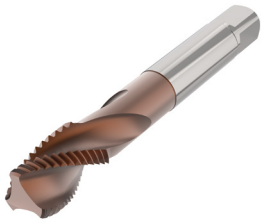

—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

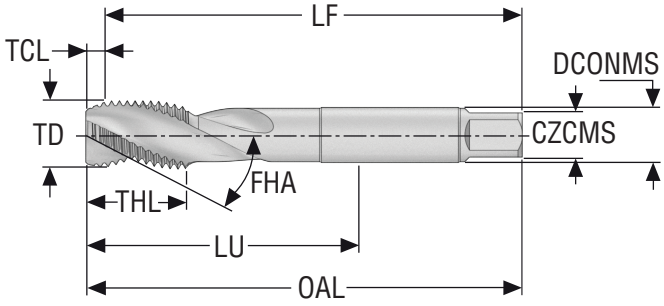
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35A-R15S01C06-12X1.75-65R-H | 10265530 | M12 | 1,75 | 5,0 | 12,0 | 24,0 | 83 | 105,0 | 110,0 | 9,0 | 9.00x7.00 | 10,2 | 3 | C |
| T35A-R15S01C06-14X2-65R-H | 10265531 | M14 | 2,0 | 5,77 | 14,0 | 25,0 | 81 | 104,2 | 110,0 | 11,0 | 11.00x9.00 | 12,0 | 3 | C |
| T35A-R15S01C06-16X2-65R-H | 10265532 | M16 | 2,0 | 5,87 | 16,0 | 32,0 | 68 | 104,1 | 110,0 | 12,0 | 12.00x9.00 | 14,0 | 3 | C |
| T35A-R15S01C06-20X2.5-65R-H | 10265533 | M20 | 2,5 | 7,49 | 20,0 | 32,0 | 95 | 132,7 | 140,0 | 16,0 | 16.00x12.00 | 17,5 | 3 | C |

## T35-R15SC-H

Găuri înfundate – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

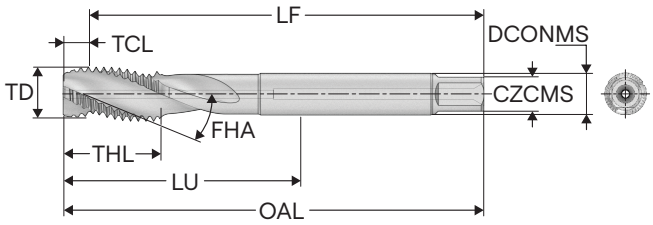
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35-R15S02C05-8X1-65R-H | 10265516 | MF8X1 | 1,0 | 2,96 | 8,0 | 20,0 | 67 | 87,0 | 90,0 | 6,0 | 6.00x4.90 | 7,0 | 3 | C |
| T35-R15S02C05-10X1-65R-H | 10265517 | MF10X1 | 1,0 | 2,96 | 10,0 | 20,0 | 67 | 86,9 | 90,0 | 7,0 | 7.00x5.50 | 9,0 | 3 | C |
| T35-R15S02C05-10X1.25-65R-H | 10265518 | MF10X1.25 | 1,25 | 3,63 | 10,0 | 20,0 | 77 | 96,4 | 100,0 | 7,0 | 7.00x5.50 | 8,8 | 3 | C |
| T35-R15S02C05-12X1-65R-H | 10265519 | MF12X1 | 1,0 | 2,98 | 12,0 | 20,0 | 73 | 96,8 | 100,0 | 9,0 | 9.00x7.00 | 11,0 | 3 | C |
| T35-R15S02C05-12X1.25-65R-H | 10265514 | MF12X1.25 | 1,25 | 3,67 | 12,0 | 20,0 | 73 | 96,1 | 100,0 | 9,0 | 9.00x7.00 | 10,8 | 3 | C |
| T35-R15S02C05-12X1.5-65R-H | 10265520 | MF12X1.5 | 1,5 | 4,44 | 12,0 | 20,0 | 73 | 95,5 | 100,0 | 9,0 | 9.00x7.00 | 10,5 | 3 | C |
| T35-R15S02C05-14X1-65R-H | 10265521 | MF14X1 | 1,0 | 2,98 | 14,0 | 20,0 | 71 | 97,0 | 100,0 | 11,0 | 11.00x9.00 | 13,0 | 3 | C |
| T35-R15S02C05-14X1.5-65R-H | 10265515 | MF14X1.5 | 1,5 | 4,44 | 14,0 | 20,0 | 71 | 95,4 | 100,0 | 11,0 | 11.00x9.00 | 12,5 | 3 | C |
| T35-R15S02C05-16X1-65R-H | 10265522 | MF16X1 | 1,0 | 2,98 | 16,0 | 20,0 | 58 | 97,0 | 100,0 | 12,0 | 12.00x9.00 | 15,0 | 3 | C |
| T35-R15S02C05-16X1.5-65R-H | 10265523 | MF16X1.5 | 1,5 | 4,44 | 16,0 | 20,0 | 58 | 95,6 | 100,0 | 12,0 | 12.00x9.00 | 14,5 | 3 | C |
| T35-R15S02C05-18X1.5-65R-H | 10265524 | MF18X1.5 | 1,5 | 4,44 | 18,0 | 24,0 | 81 | 105,6 | 110,0 | 14,0 | 14.00x11.00 | 16,5 | 3 | C |
| T35-R15S02C05-20X1.5-65R-H | 10265525 | MF20X1.5 | 1,5 | 4,44 | 20,0 | 24,0 | 80 | 120,6 | 125,0 | 16,0 | 16.00x12.00 | 18,5 | 3 | C |

## T35A-R15SC-H

Găuri înfundate – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiAlSiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—FHA = 15°
—Regimuri de aşchiere, vezi pagina(paginile) 252

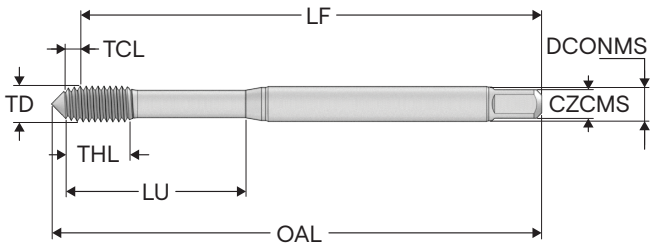
Max

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T35A-R15S02C05-8X1-65R-H | 10265536 | MF8X1 | 1,0 | 2,96 | 8,0 | 20,0 | 67 | 87,0 | 90,0 | 6,0 | 6.00x4.90 | 7,0 | 3 | C |
| T35A-R15S02C05-10X1-65R-H | 10265537 | MF10X1 | 1,0 | 2,96 | 10,0 | 20,0 | 67 | 96,9 | 90,0 | 7,0 | 7.00x5.50 | 9,0 | 3 | C |
| T35A-R15S02C05-10X1.25-65R-H | 10265538 | MF10X1.25 | 1,25 | 3,63 | 10,0 | 20,0 | 77 | 96,4 | 100,0 | 7,0 | 7.00x5.50 | 8,8 | 3 | C |
| T35A-R15S02C05-12X1-65R-H | 10265539 | MF12X1 | 1,0 | 2,98 | 12,0 | 20,0 | 73 | 96,8 | 100,0 | 9,0 | 9.00x7.00 | 11,0 | 3 | C |
| T35A-R15S02C05-12X1.25-65R-H | 10265534 | MF12X1.25 | 1,25 | 3,67 | 12,0 | 20,0 | 73 | 96,1 | 100,0 | 9,0 | 9.00x7.00 | 10,8 | 3 | C |
| T35A-R15S02C05-12X1.5-65R-H | 10265540 | MF12X1.5 | 1,5 | 4,44 | 12,0 | 20,0 | 73 | 95,5 | 100,0 | 9,0 | 9.00x7.00 | 10,5 | 3 | C |
| T35A-R15S02C05-14X1-65R-H | 10265541 | MF14X1 | 1,0 | 2,98 | 14,0 | 20,0 | 71 | 97,0 | 100,0 | 11,0 | 11.00x9.00 | 13,0 | 3 | C |
| T35A-R15S02C05-14X1.5-65R-H | 10265535 | MF14X1.5 | 1,5 | 4,44 | 14,0 | 20,0 | 71 | 95,4 | 100,0 | 11,0 | 11.00x9.00 | 12,5 | 3 | C |
| T35A-R15S02C05-16X1-65R-H | 10265542 | MF16X1 | 1,0 | 2,98 | 16,0 | 20,0 | 58 | 97,0 | 100,0 | 12,0 | 12.00x9.00 | 15,0 | 3 | C |
| T35A-R15S02C05-16X1.5-65R-H | 10265543 | MF16X1.5 | 1,5 | 4,44 | 16,0 | 20,0 | 58 | 95,6 | 100,0 | 12,0 | 12.00x9.00 | 14,5 | 3 | C |
| T35A-R15S02C05-18X1.5-65R-H | 10265544 | MF18X1.5 | 1,5 | 4,44 | 18,0 | 24,0 | 81 | 105,6 | 110,0 | 14,0 | 14.00x11.00 | 16,5 | 3 | C |
| T35A-R15S02C05-20X1.5-65R-H | 10265545 | MF20X1.5 | 1,5 | 4,44 | 20,0 | 24,0 | 80 | 121,6 | 125,0 | 16,0 | 16.00x12.00 | 18,5 | 3 | C |

## T33-FNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

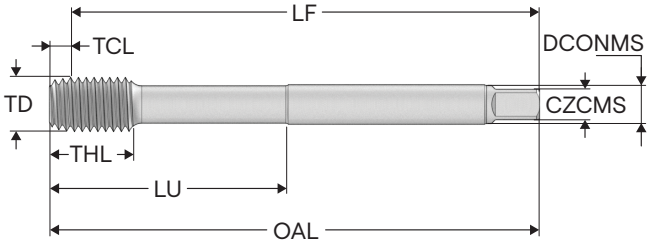
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FN01C03-2X0.4-65R | 10139189 | M2 | 0,4 | 1,02<br>*0.040* | 2,0<br>*0.079* | 8,0<br>*0.315* | 8<br>*0.315* | 43,98<br>*1.731* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,85<br>*0.073* | 0 | C |
| T33-FN01C03-2.5X0.45-65R | 10139190 | M2.5 | 0,45 | 1,1<br>*0.043* | 2,5<br>*0.098* | 9,0<br>*0.354* | 9<br>*0.354* | 48,9<br>*1.925* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,33<br>*0.092* | 0 | C |
| T33-FN01C03-3X0.5-65R | 10139191 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,8<br>*0.110* | 0 | C |
| T33-FN01C03-4X0.7-65R | 10139192 | M4 | 0,7 | 1,6<br>*0.063* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,4<br>*2.417* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,7<br>*0.146* | 0 | C |
| T33-FN01C03-5X0.8-65R | 10139193 | M5 | 0,8 | 2,1<br>*0.083* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,9<br>*2.673* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 0 | C |
| T33-FN01C03-6X1-65R | 10139195 | M6 | 1,0 | 2,3<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 0 | C |
| T33-FN01C03-8X1.25-65R | 10139196 | M8 | 1,25 | 3,1<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 0 | C |
| T33-FN01C03-10X1.5-65R | 10139197 | M10 | 1,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,5<br>*3.799* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 0 | C |

## T33-FNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

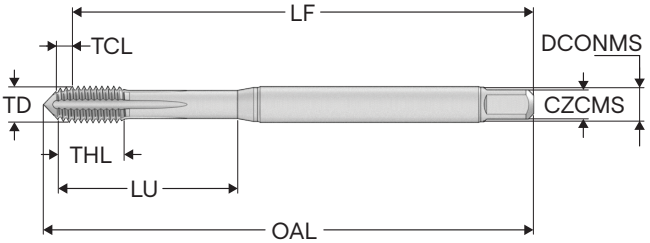
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FN01C06-12X1.75-65R | 10139198 | M12 | 1,75 | 3,7<br>*0.146* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 106,3<br>*4.185* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 11,25<br>*0.443* | 0 | C |
| T33-FN01C06-14X2-65R | 10139199 | M14 | 2,0 | 4,6<br>*0.181* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 105,4<br>*4.150* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 13,1<br>*0.516* | 0 | C |
| T33-FN01C06-16X2-65R | 10139200 | M16 | 2,0 | 4,6<br>*0.181* | 16,0<br>*0.630* | 20,0<br>*0.787* | 81<br>*3.189* | 105,4<br>*4.150* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 15,1<br>*0.594* | 0 | C |
| T33-FN01C06-18X2.5-65R | 10139201 | M18 | 2,5 | 5,76<br>*0.227* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 119,24<br>*4.694* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,85<br>*0.663* | 0 | C |
| T33-FN01C06-20X2.5-65R | 10139202 | M20 | 2,5 | 5,8<br>*0.228* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 134,2<br>*5.283* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,85<br>*0.742* | 0 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

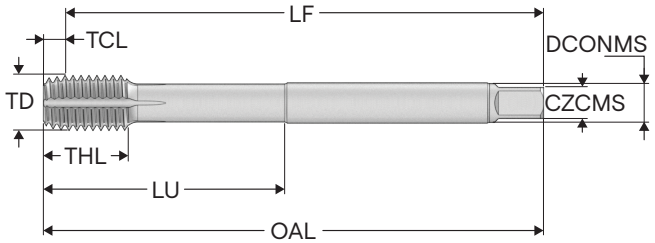
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN01C03-2X0.4-65R | 10139204 | M2 | 0,4 | 1,02<br>*0.040* | 2,0<br>*0.079* | 8,0<br>*0.315* | 8<br>*0.315* | 43,98<br>*1.731* | 46,3<br>*1.823* | 2,8<br>*0.110* | 2.80X2.10 | 1,85<br>*0.073* | 3 | C |
| T33-FSN01C03-2.5X0.45-65R | 10139205 | M2.5 | 0,45 | 1,1<br>*0.043* | 2,5<br>*0.098* | 9,0<br>*0.354* | 9<br>*0.354* | 48,9<br>*1.925* | 51,7<br>*2.035* | 2,8<br>*0.110* | 2.80X2.10 | 2,33<br>*0.092* | 3 | C |
| T33-FSN01C03-3X0.5-65R | 10139206 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,8<br>*0.110* | 3 | C |
| T33-FSN01C03-4X0.7-65R | 10139207 | M4 | 0,7 | 1,6<br>*0.063* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,4<br>*2.417* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,7<br>*0.146* | 5 | C |
| T33-FSN01C03-5X0.8-65R | 10139208 | M5 | 0,8 | 2,1<br>*0.083* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,9<br>*2.673* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | C |
| T33-FSN01C03-6X1-65R | 10139209 | M6 | 1,0 | 2,3<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 5 | C |
| T33-FSN01C03-8X1.25-65R | 10139210 | M8 | 1,25 | 3,1<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | C |
| T33-FSN01C03-10X1.5-65R | 10139211 | M10 | 1,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,5<br>*3.799* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 5 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

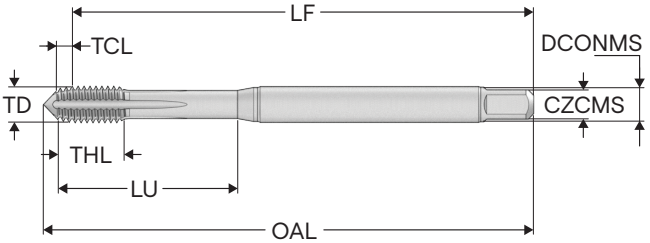
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN01C06-12X1.75-65R | 10139212 | M12 | 1,75 | 3,9<br>*0.154* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 106,1<br>*4.177* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 11,25<br>*0.443* | 5 | C |
| T33-FSN01C06-14X2-65R | 10139213 | M14 | 2,0 | 4,77<br>*0.188* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 105,23<br>*4.143* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 13,1<br>*0.516* | 6 | C |
| T33-FSN01C06-16X2-65R | 10139214 | M16 | 2,0 | 4,6<br>*0.181* | 16,0<br>*0.630* | 20,0<br>*0.787* | 81<br>*3.189* | 105,4<br>*4.150* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 15,1<br>*0.594* | 6 | C |
| T33-FSN01C06-18X2.5-65R | 10139215 | M18 | 2,5 | 5,76<br>*0.227* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 119,24<br>*4.694* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,85<br>*0.663* | 6 | C |
| T33-FSN01C06-20X2.5-65R | 10139216 | M20 | 2,5 | 5,47<br>*0.215* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 134,53<br>*5.296* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,85<br>*0.742* | 6 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare, 6GX






—Substrat: HSSE-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6GX
—Regimuri de aşchiere, vezi pagina(paginile) 260

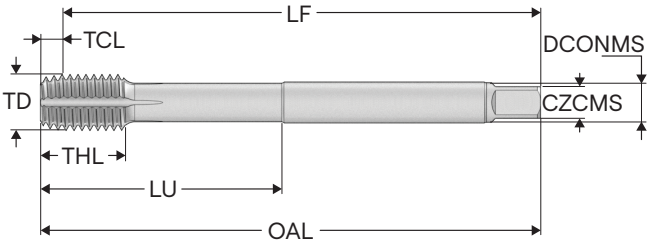
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN01C03-3X0.5-62R | 10139258 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,8<br>*0.110* | 3 | C |
| T33-FSN01C03-4X0.7-62R | 10139259 | M4 | 0,7 | 1,7<br>*0.067* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,3<br>*2.413* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,7<br>*0.146* | 5 | C |
| T33-FSN01C03-5X0.8-62R | 10139260 | M5 | 0,8 | 2,2<br>*0.087* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,8<br>*2.669* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | C |
| T33-FSN01C03-6X1-62R | 10139261 | M6 | 1,0 | 2,3<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 5 | C |
| T33-FSN01C03-8X1.25-62R | 10139262 | M8 | 1,25 | 3,2<br>*0.126* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,8<br>*3.417* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | C |
| T33-FSN01C03-10X1.5-62R | 10139263 | M10 | 1,5 | 4,4<br>*0.173* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 95,6<br>*3.764* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 5 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare, 6GX






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6GX
—Regimuri de aşchiere, vezi pagina(paginile) 260

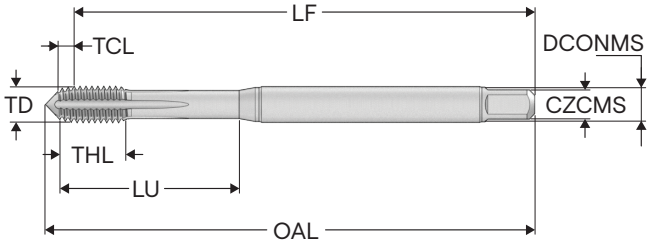
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN01C06-12X1.75-62R | 10139264 | M12 | 1,75 | 3,9<br>*0.154* | 12,0<br>*0.472* | 18,0<br>*0.709* | 83<br>*3.268* | 106,1<br>*4.177* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 11,25<br>*0.443* | 5 | C |
| T33-FSN01C06-14X2-62R | 10139265 | M14 | 2,0 | 4,77<br>*0.188* | 14,0<br>*0.551* | 20,0<br>*0.787* | 81<br>*3.189* | 105,23<br>*4.143* | 110,0<br>*4.331* | 11,0<br>*0.433* | 11.00X9.00 | 13,1<br>*0.516* | 6 | C |
| T33-FSN01C06-16X2-62R | 10139266 | M16 | 2,0 | 5,88<br>*0.231* | 16,0<br>*0.630* | 20,0<br>*0.787* | 81<br>*3.189* | 104,12<br>*4.099* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 15,1<br>*0.594* | 6 | C |
| T33-FSN01C06-18X2.5-62R | 10139267 | M18 | 2,5 | 5,47<br>*0.215* | 18,0<br>*0.709* | 25,0<br>*0.984* | 81<br>*3.189* | 119,53<br>*4.706* | 125,0<br>*4.921* | 14,0<br>*0.551* | 14.00X11.00 | 16,85<br>*0.663* | 6 | C |
| T33-FSN01C06-20X2.5-62R | 10139268 | M20 | 2,5 | 6,68<br>*0.263* | 20,0<br>*0.787* | 25,0<br>*0.984* | 95<br>*3.740* | 133,32<br>*5.249* | 140,0<br>*5.512* | 16,0<br>*0.630* | 16.00X12.00 | 18,85<br>*0.742* | 6 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi MF





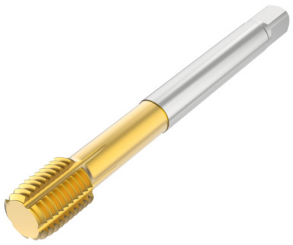

—Substrat: HSSE-PM
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 260

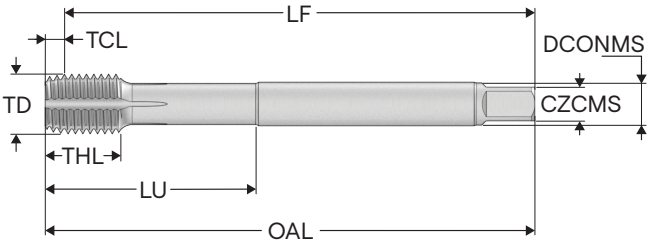
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN02C03-4X0.5-65R | 10139217 | MF4X0.5 | 0,5 | 1,4<br>*0.055* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,6<br>*2.425* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,8<br>*0.150* | 5 | C |
| T33-FSN02C03-5X0.5-65R | 10139218 | MF5X0.5 | 0,5 | 1,2<br>*0.047* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,8<br>*2.709* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,8<br>*0.189* | 5 | C |
| T33-FSN02C03-6X0.5-65R | 10139219 | MF6X0.5 | 0,5 | 1,35<br>*0.053* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,65<br>*3.096* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,8<br>*0.228* | 5 | C |
| T33-FSN02C03-6X0.75-65R | 10139220 | MF6X0.75 | 0,75 | 1,8<br>*0.071* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,2<br>*3.079* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,7<br>*0.224* | 5 | C |
| T33-FSN02C03-8X1-65R | 10139221 | MF8X1.0 | 1,0 | 2,25<br>*0.089* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,75<br>*3.455* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,6<br>*0.299* | 5 | C |
| T33-FSN02C03-10X1-65R | 10139222 | MF10X1.0 | 1,0 | 2,9<br>*0.114* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,1<br>*3.429* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,6<br>*0.378* | 5 | C |
| T33-FSN02C03-10X1.25-65R | 10139223 | MF10X1.25 | 1,25 | 3,1<br>*0.122* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,9<br>*3.815* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,45<br>*0.372* | 5 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

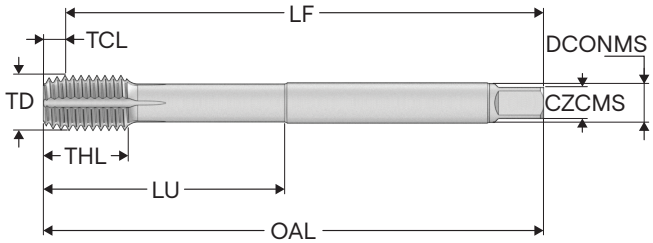
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN02C05-12X1-65R | 10139224 | MF12X1.0 | 1,0 | 3,27<br>*0.129* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 96,73<br>*3.808* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,6<br>*0.457* | 5 | C |
| T33-FSN02C05-12X1.25-65R | 10139225 | MF12X1.25 | 1,25 | 3,96<br>*0.156* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,04<br>*3.781* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,45<br>*0.451* | 5 | C |
| T33-FSN02C05-12X1.5-65R | 10139226 | MF12X1.5 | 1,5 | 4,15<br>*0.163* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 95,85<br>*3.774* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,35<br>*0.447* | 5 | C |
| T33-FSN02C05-16X1.5-65R | 10139227 | MF16X1.5 | 1,5 | 4,33<br>*0.170* | 16,0<br>*0.630* | 15,0<br>*0.591* | 71<br>*2.795* | 95,67<br>*3.767* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,35<br>*0.604* | 6 | C |
| T33-FSN02C05-18X1.5-65R | 10139228 | MF18X1.5 | 1,5 | 4,4<br>*0.173* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,6<br>*4.157* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 17,35<br>*0.683* | 6 | C |
| T33-FSN02C05-20X1.5-65R | 10139229 | MF20X1.5 | 1,5 | 4,6<br>*0.181* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,4<br>*4.740* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,35<br>*0.762* | 6 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi UNC






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN376
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 260

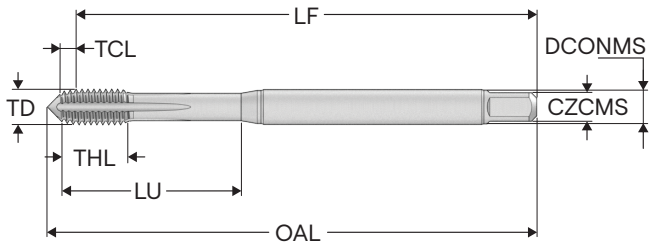
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN08C06-7/16-14-22R | 10139238 | UNC7/16-14 | 14,0 | 5,4<br>*0.213* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 94,6<br>*3.724* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 10,25<br>*0.404* | 5 | C |
| T33-FSN08C06-1/2-13-22R | 10139239 | UNC1/2-13 | 13,0 | 5,8<br>*0.228* | 12,7<br>*0.500* | 18,0<br>*0.709* | 83<br>*3.268* | 104,2<br>*4.102* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 11,8<br>*0.465* | 5 | C |
| T33-FSN08C06-5/8-11-22R | 10139240 | UNC5/8-11 | 11,0 | 6,8<br>*0.268* | 15,875<br>*0.625* | 20,0<br>*0.787* | 81<br>*3.189* | 103,2<br>*4.063* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00x9.00 | 14,8<br>*0.583* | 6 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi UNC





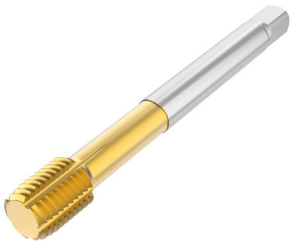

—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 260

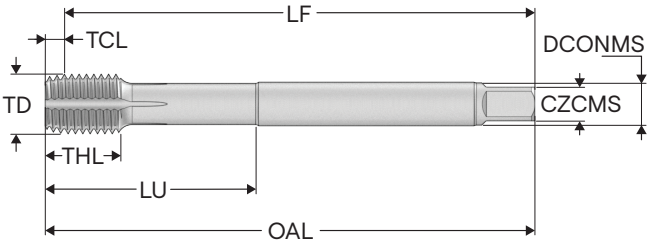
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN08C03-5-40-22R | 10139230 | UNC5-40 | 40,0 | 1,6<br>*0.063* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,4<br>*2.142* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,9<br>*0.114* | 3 | C |
| T33-FSN08C03-6-32-22R | 10139231 | UNC6-32 | 32,0 | 1,8<br>*0.071* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,2<br>*2.134* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 3,15<br>*0.124* | 3 | C |
| T33-FSN08C03-8-32-22R | 10139232 | UNC8-32 | 32,0 | 2,0<br>*0.079* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,0<br>*2.402* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,8<br>*0.150* | 5 | C |
| T33-FSN08C03-10-24-22R | 10139233 | UNC10-24 | 24,0 | 2,7<br>*0.106* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 67,3<br>*2.650* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,35<br>*0.171* | 5 | C |
| T33-FSN08C03-12-24-22R | 10139234 | UNC12-24 | 24,0 | 2,7<br>*0.106* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 77,3<br>*3.043* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,0<br>*0.197* | 5 | C |
| T33-FSN08C03-1/4-20-22R | 10139235 | UNC1/4-20 | 20,0 | 3,9<br>*0.154* | 6,35<br>*0.250* | 13,0<br>*0.512* | 30<br>*1.181* | 76,1<br>*2.996* | 80,0<br>*3.150* | 7,0<br>*0.276* | 7.00X5.50 | 5,75<br>*0.226* | 5 | C |
| T33-FSN08C03-5/16-18-22R | 10139236 | UNC5/16-18 | 18,0 | 3,6<br>*0.142* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 86,4<br>*3.402* | 93,3<br>*3.673* | 8,2<br>*0.323* | 8.20X6.20 | 7,3<br>*0.287* | 5 | C |
| T33-FSN08C03-3/8-16-22R | 10139237 | UNC3/8-16 | 16,0 | 4,74<br>*0.187* | 9,525<br>*0.375* | 15,0<br>*0.591* | 39<br>*1.535* | 95,26<br>*3.750* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 8,8<br>*0.346* | 5 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi UNF






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN374
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 260

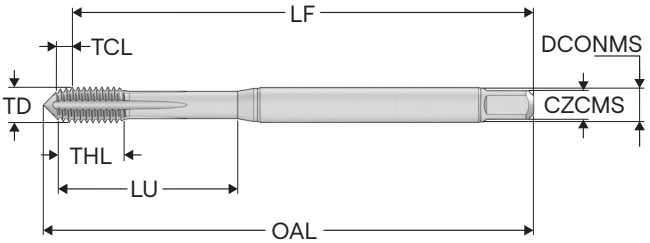
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN09C05-7/16-20-22R | 10139249 | UNF7/16-20 | 20,0 | 3,8<br>*0.150* | 11,112<br>*0.437* | 15,0<br>*0.591* | 76<br>*2.992* | 96,2<br>*3.787* | 100,0<br>*3.937* | 8,0<br>*0.315* | 8.00X6.20 | 10,55<br>*0.415* | 5 | C |
| T33-FSN09C05-1/2-20-22R | 10139250 | UNF1/2-20 | 20,0 | 3,8<br>*0.150* | 12,7<br>*0.500* | 15,0<br>*0.591* | 83<br>*3.268* | 106,2<br>*4.181* | 110,0<br>*4.331* | 9,0<br>*0.354* | 9.00X7.00 | 12,15<br>*0.478* | 5 | C |
| T33-FSN09C05-5/8-18-22R | 10139251 | UNF5/8-18 | 18,0 | 4,7<br>*0.185* | 15,875<br>*0.625* | 15,0<br>*0.591* | 68<br>*2.677* | 105,3<br>*4.146* | 110,0<br>*4.331* | 12,0<br>*0.472* | 12.00X9.00 | 15,25<br>*0.600* | 6 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi UNF





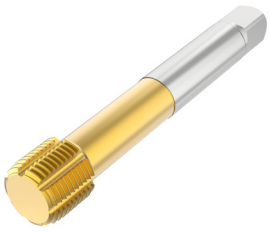

—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN371
—Clasa de toleranţă a filetului: 2BX
—Regimuri de aşchiere, vezi pagina(paginile) 260

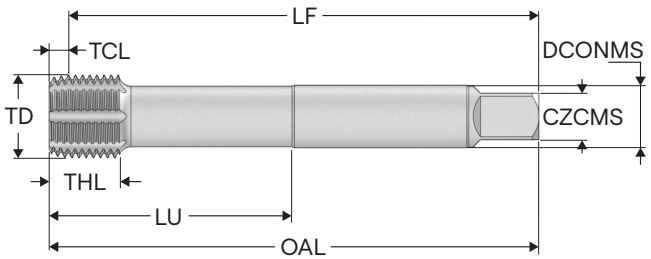
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN09C03-5-44-22R | 10139241 | UNF5-44 | 44,0 | 1,4<br>*0.055* | 3,175<br>*0.125* | 7,0<br>*0.276* | 18<br>*0.709* | 54,6<br>*2.150* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,92<br>*0.115* | 3 | C |
| T33-FSN09C03-6-40-22R | 10139242 | UNF6-40 | 40,0 | 1,6<br>*0.063* | 3,505<br>*0.138* | 6,0<br>*0.236* | 20<br>*0.787* | 54,4<br>*2.142* | 57,4<br>*2.260* | 4,0<br>*0.157* | 4.00X3.00 | 3,22<br>*0.127* | 3 | C |
| T33-FSN09C03-8-36-22R | 10139243 | UNF8-36 | 36,0 | 1,8<br>*0.071* | 4,166<br>*0.164* | 7,0<br>*0.276* | 21<br>*0.827* | 61,2<br>*2.409* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,85<br>*0.152* | 5 | C |
| T33-FSN09C03-10-32-22R | 10139244 | UNF10-32 | 32,0 | 1,9<br>*0.075* | 4,826<br>*0.190* | 8,0<br>*0.315* | 25<br>*0.984* | 68,1<br>*2.681* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,45<br>*0.175* | 5 | C |
| T33-FSN09C03-12-28-22R | 10139245 | UNF12-28 | 28,0 | 1,9<br>*0.075* | 5,486<br>*0.216* | 10,0<br>*0.394* | 30<br>*1.181* | 78,1<br>*3.075* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,1<br>*0.201* | 5 | C |
| T33-FSN09C03-1/4-28-22R | 10139246 | UNF1/4-28 | 28,0 | 2,23<br>*0.088* | 6,35<br>*0.250* | 10,0<br>*0.394* | 30<br>*1.181* | 77,77<br>*3.062* | 82,4<br>*3.244* | 7,0<br>*0.276* | 7.00X5.50 | 5,95<br>*0.234* | 5 | C |
| T33-FSN09C03-5/16-24-22R | 10139247 | UNF5/16-24 | 24,0 | 2,6<br>*0.102* | 7,937<br>*0.312* | 13,0<br>*0.512* | 35<br>*1.378* | 87,4<br>*3.441* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | C |
| T33-FSN09C03-3/8-24-22R | 10139248 | UNF3/8-24 | 24,0 | 3,5<br>*0.138* | 9,525<br>*0.375* | 15,0<br>*0.591* | 35<br>*1.378* | 86,5<br>*3.406* | 90,0<br>*3.543* | 10,0<br>*0.394* | 10.00X8.00 | 9,05<br>*0.356* | 5 | C |

## T33-FSNC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi G






—Substrat: HSSE
—Acoperirea: TiAlN + TiN
—Standard: DIN5156
—Clasa de toleranţă a filetului: NORMAL-X
—Regimuri de așchiere, vezi pagina(paginile) 260

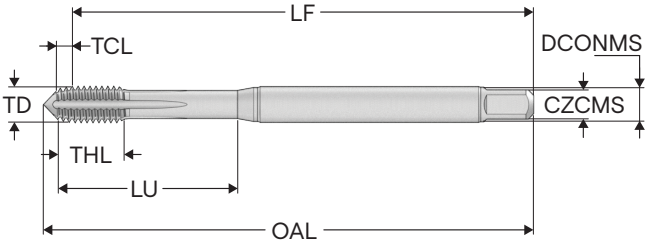
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSN21C09-1/8-28-12R | 10139252 | G1/8-28 | 28,0 | 2,6<br>*0.102* | 9,728<br>*0.383* | 10,0<br>*0.394* | 67<br>*2.638* | 87,4<br>*3.441* | 90,0<br>*3.543* | 7,0<br>*0.276* | 7.00X5.50 | 9,25<br>*0.364* | 5 | C |
| T33-FSN21C09-1/4-19-12R | 10139253 | G1/4-19 | 19,0 | 3,7<br>*0.146* | 13,157<br>*0.518* | 14,0<br>*0.551* | 71<br>*2.795* | 96,3<br>*3.791* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 12,55<br>*0.494* | 6 | C |
| T33-FSN21C09-3/8-19-12R | 10139254 | G3/8-19 | 19,0 | 3,85<br>*0.152* | 16,662<br>*0.656* | 15,0<br>*0.591* | 71<br>*2.795* | 96,15<br>*3.785* | 100,0<br>*3.937* | 11,0<br>*0.433* | 11.00X9.00 | 16,05<br>*0.632* | 7 | C |
| T33-FSN21C09-1/2-14-12R | 10139255 | G1/2-14 | 14,0 | 5,1<br>*0.201* | 20,955<br>*0.825* | 17,0<br>*0.669* | 80<br>*3.150* | 119,9<br>*4.720* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 20,1<br>*0.791* | 7 | C |
| T33-FSN21C09-5/8-14-12R | 10139256 | G5/8-14 | 14,0 | 5,1<br>*0.201* | 22,911<br>*0.902* | 20,0<br>*0.787* | 78<br>*3.071* | 119,9<br>*4.720* | 125,0<br>*4.921* | 18,0<br>*0.709* | 18.00X14.50 | 22,05<br>*0.868* | 7 | C |
| T33-FSN21C09-3/4-14-12R | 10139257 | G3/4-14 | 14,0 | 5,1<br>*0.201* | 26,441<br>*1.041* | 22,0<br>*0.866* | 73<br>*2.874* | 134,9<br>*5.311* | 140,0<br>*5.512* | 20,0<br>*0.787* | 20.00X16.00 | 25,6<br>*1.008* | 7 | C |

## T33-FSCC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

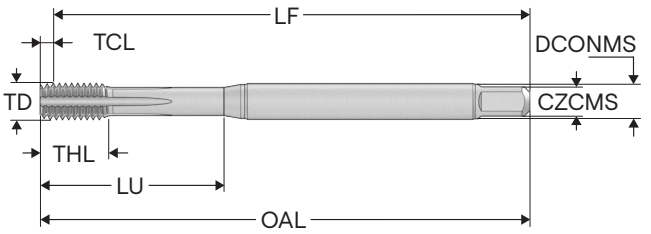
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSC01C03-3X0.5-65R | 10139282 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,8<br>*2.157* | 57,2<br>*2.252* | 3,5<br>*0.138* | 3.50X2.70 | 2,8<br>*0.110* | 3 | C |
| T33-FSC01C03-4X0.7-65R | 10139283 | M4 | 0,7 | 1,6<br>*0.063* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,4<br>*2.417* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,7<br>*0.146* | 5 | C |
| T33-FSC01C03-5X0.8-65R | 10139284 | M5 | 0,8 | 2,1<br>*0.083* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 67,9<br>*2.673* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | C |
| T33-FSC01C03-6X1-65R | 10139285 | M6 | 1,0 | 2,3<br>*0.091* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 77,7<br>*3.059* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 5 | C |
| T33-FSC01C03-8X1.25-65R | 10139286 | M8 | 1,25 | 3,1<br>*0.122* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 86,9<br>*3.421* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | C |
| T33-FSC01C03-10X1.5-65R | 10139287 | M10 | 1,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,5<br>*3.799* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 5 | C |

## T33-FSCE

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

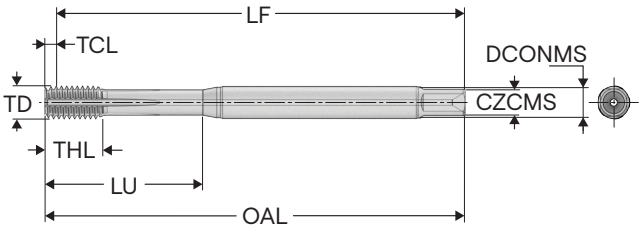
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSC01E03-3X0.5-65R | 10139288 | M3 | 0,5 | 1,2<br>*0.047* | 3,0<br>*0.118* | 10,0<br>*0.394* | 18<br>*0.709* | 54,8<br>*2.157* | 56,0<br>*2.205* | 3,5<br>*0.138* | 3.50X2.70 | 2,8<br>*0.110* | 3 | E |
| T33-FSC01E03-4X0.7-65R | 10139289 | M4 | 0,7 | 1,6<br>*0.063* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,4<br>*2.417* | 63,0<br>*2.480* | 4,5<br>*0.177* | 4.50X3.40 | 3,7<br>*0.146* | 5 | E |
| T33-FSC01E03-5X0.8-65R | 10139290 | M5 | 0,8 | 1,5<br>*0.059* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,5<br>*2.697* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | E |

## T33A-FSCE

Tarozi de formare – Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

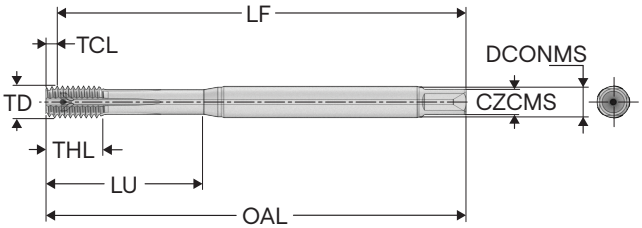
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33A-FSC01E03-5X0.8-65R | 10139294 | M5 | 0,8 | 1,7<br>*0.067* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,3<br>*2.689* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | E |
| T33A-FSC01E03-6X1-65R | 10139295 | M6 | 1,0 | 1,95<br>*0.077* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,05<br>*3.073* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 5 | E |
| T33A-FSC01E03-8X1.25-65R | 10139296 | M8 | 1,25 | 2,55<br>*0.100* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,45<br>*3.443* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | E |
| T33A-FSC01E03-10X1.5-65R | 10139297 | M10 | 1,5 | 2,84<br>*0.112* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 97,16<br>*3.825* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 5 | E |

## T33B-FSCE

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

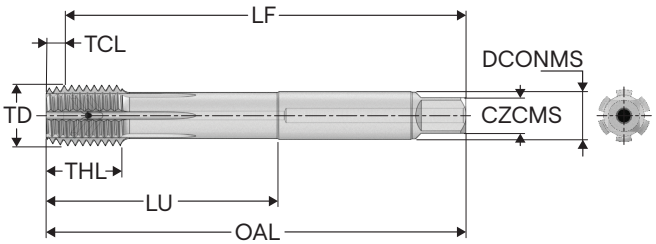
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33B-FSC01E03-5X0.8-65R | 10139298 | M5 | 0,8 | 1,57<br>*0.062* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,43<br>*2.694* | 70,0<br>*2.756* | 6,0<br>*0.236* | 6.00X4.90 | 4,65<br>*0.183* | 5 | E |
| T33B-FSC01E03-6X1-65R | 10139299 | M6 | 1,0 | 1,95<br>*0.077* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,05<br>*3.073* | 80,0<br>*3.150* | 6,0<br>*0.236* | 6.00X4.90 | 5,6<br>*0.220* | 5 | E |
| T33B-FSC01E03-8X1.25-65R | 10139300 | M8 | 1,25 | 2,42<br>*0.095* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,58<br>*3.448* | 90,0<br>*3.543* | 8,0<br>*0.315* | 8.00X6.20 | 7,45<br>*0.293* | 5 | E |
| T33B-FSC01E03-10X1.5-65R | 10139301 | M10 | 1,5 | 2,84<br>*0.112* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 97,16<br>*3.825* | 100,0<br>*3.937* | 10,0<br>*0.394* | 10.00X8.00 | 9,35<br>*0.368* | 5 | E |

## T33B-FSCC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN376
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 260

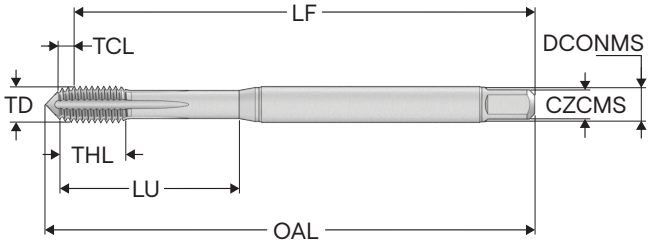
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T33B-FSC01C06-12X1.75-65R | 10208929 | M12 | 1,75 | 3,9 | 18,0 | 83 | 105,1 | 110,0 | 9,0 | 9.00x7.00 | 11,25 | 5 | C |
| T33B-FSC01C06-14X2-65R | 10208930 | M14 | 2,0 | 5,88 | 20,0 | 81 | 104,3 | 110,0 | 11,0 | 11.00x9.00 | 13,1 | 6 | C |
| T33B-FSC01C06-16X2-65R | 10208931 | M16 | 2,0 | 5,88 | 20,0 | 68 | 104,3 | 110,0 | 12,0 | 12.00x9.00 | 15,1 | 6 | C |
| T33B-FSC01C06-18X2.5-65R | 10208932 | M18 | 2,5 | 6,95 | 25,0 | 81 | 118,0 | 125,0 | 14,0 | 14.00x11.00 | 16,85 | 6 | C |
| T33B-FSC01C06-20X2.5-65R | 10208933 | M20 | 2,5 | 6,62 | 25,0 | 95 | 133,0 | 140,0 | 16,0 | 16.00x12.00 | 18,85 | 6 | C |
| T33B-FSC01C06-22X2.5-65R | 10208934 | M22 | 2,5 | 6,92 | 25,0 | 93 | 133,0 | 140,0 | 18,0 | 18.00x14.50 | 20,85 | 6 | C |
| T33B-FSC01C06-24X3-65R | 10208935 | M24 | 3,0 | 8,44 | 30,0 | 113 | 151,3 | 160,0 | 18,0 | 18.00x14.50 | 22,65 | 6 | C |

## T33-FSCC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN371
—Clasa de toleranţă a filetului: 6HX
—Regimuri de așchiere, vezi pagina(paginile) 260

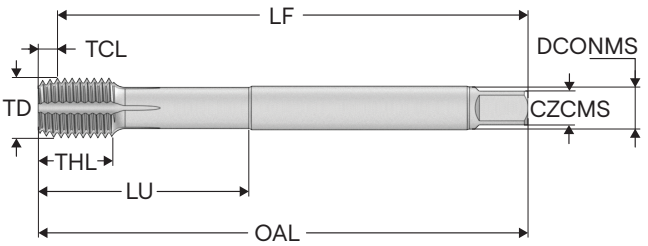
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSC02C03-4X0.5-65R | 10139269 | MF4X0.5 | 0,5 | 1,4<br>*0.055* | 4,0<br>*0.157* | 7,0<br>*0.276* | 21<br>*0.827* | 61,6<br>*2.425* | 64,6<br>*2.543* | 4,5<br>*0.177* | 4.50X3.40 | 3,8<br>*0.150* | 5 | C |
| T33-FSC02C03-5X0.5-65R | 10139270 | MF5X0.5 | 0,5 | 1,2<br>*0.047* | 5,0<br>*0.197* | 8,0<br>*0.315* | 25<br>*0.984* | 68,8<br>*2.709* | 72,0<br>*2.835* | 6,0<br>*0.236* | 6.00X4.90 | 4,8<br>*0.189* | 5 | C |
| T33-FSC02C03-6X0.5-65R | 10139271 | MF6X0.5 | 0,5 | 1,35<br>*0.053* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,65<br>*3.096* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,8<br>*0.228* | 5 | C |
| T33-FSC02C03-6X0.75-65R | 10139272 | MF6X0.75 | 0,75 | 1,8<br>*0.071* | 6,0<br>*0.236* | 10,0<br>*0.394* | 30<br>*1.181* | 78,2<br>*3.079* | 82,4<br>*3.244* | 6,0<br>*0.236* | 6.00X4.90 | 5,7<br>*0.224* | 5 | C |
| T33-FSC02C03-8X1-65R | 10139273 | MF8X1.0 | 1,0 | 2,25<br>*0.089* | 8,0<br>*0.315* | 13,0<br>*0.512* | 35<br>*1.378* | 87,75<br>*3.455* | 93,3<br>*3.673* | 8,0<br>*0.315* | 8.00X6.20 | 7,6<br>*0.299* | 5 | C |
| T33-FSC02C03-10X1-65R | 10139274 | MF10X1.0 | 1,0 | 2,9<br>*0.114* | 10,0<br>*0.394* | 13,0<br>*0.512* | 35<br>*1.378* | 87,1<br>*3.429* | 91,8<br>*3.614* | 10,0<br>*0.394* | 10.00X8.00 | 9,6<br>*0.378* | 5 | C |
| T33-FSC02C03-10X1.25-65R | 10139275 | MF10X1.25 | 1,25 | 4,0<br>*0.157* | 10,0<br>*0.394* | 15,0<br>*0.591* | 39<br>*1.535* | 96,0<br>*3.780* | 101,8<br>*4.008* | 10,0<br>*0.394* | 10.00X8.00 | 9,45<br>*0.372* | 5 | C |

## T33-FSCC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

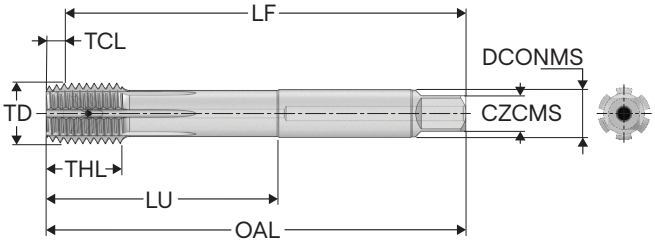
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | TD | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | mm<br>*Inci* | | |
| T33-FSC02C05-12X1-65R | 10139276 | MF12X1.0 | 1,0 | 3,27<br>*0.129* | 12,0<br>*0.472* | 10,0<br>*0.394* | 73<br>*2.874* | 96,73<br>*3.808* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,6<br>*0.457* | 5 | C |
| T33-FSC02C05-12X1.25-65R | 10139277 | MF12X1.25 | 1,25 | 3,96<br>*0.156* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 96,04<br>*3.781* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,45<br>*0.451* | 5 | C |
| T33-FSC02C05-12X1.5-65R | 10139278 | MF12X1.5 | 1,5 | 4,2<br>*0.165* | 12,0<br>*0.472* | 15,0<br>*0.591* | 73<br>*2.874* | 95,8<br>*3.772* | 100,0<br>*3.937* | 9,0<br>*0.354* | 9.00X7.00 | 11,35<br>*0.447* | 5 | C |
| T33-FSC02C05-16X1.5-65R | 10139279 | MF16X1.5 | 1,5 | 4,33<br>*0.170* | 16,0<br>*0.630* | 15,0<br>*0.591* | 71<br>*2.795* | 95,67<br>*3.767* | 100,0<br>*3.937* | 12,0<br>*0.472* | 12.00X9.00 | 15,35<br>*0.604* | 5 | C |
| T33-FSC02C05-18X1.5-65R | 10139280 | MF18X1.5 | 1,5 | 4,4<br>*0.173* | 18,0<br>*0.709* | 17,0<br>*0.669* | 66<br>*2.598* | 105,6<br>*4.157* | 110,0<br>*4.331* | 14,0<br>*0.551* | 14.00X11.00 | 17,35<br>*0.683* | 5 | C |
| T33-FSC02C05-20X1.5-65R | 10139281 | MF20X1.5 | 1,5 | 4,6<br>*0.181* | 20,0<br>*0.787* | 17,0<br>*0.669* | 80<br>*3.150* | 120,4<br>*4.740* | 125,0<br>*4.921* | 16,0<br>*0.630* | 16.00X12.00 | 19,35<br>*0.762* | 5 | C |

## T33B-FSCC

Tarozi de formare – Găuri înfundate și străpunse – Fileturi MF






—Agent de răcire intern
—Substrat: HSSE-PM
—Acoperirea: TiN + TiCN
—Standard: DIN374
—Clasa de toleranţă a filetului: 6HX
—Regimuri de aşchiere, vezi pagina(paginile) 260

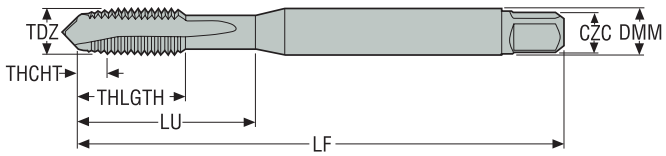
Core

| Reper Nr. | Număr reper | TDZ | Pas | TCL | THL | LU | LF | OAL | DCONMS | CZCMS | PCD | NOF | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | | mm | | |
| T33B-FSC02C05-12X1.25-65R | 10208936 | MF12X1.25 | 1,25 | 3,96 | 15,0 | 73 | 95,9 | 100,0 | 9,0 | 9.00x7.00 | 11,45 | 5 | C |
| T33B-FSC02C05-14X1.5-65R | 10208937 | MF14X1.5 | 1,5 | 4,33 | 15,0 | 81 | 95,7 | 100,0 | 11,0 | 11.00x9.00 | 13,35 | 6 | C |
| T33B-FSC02C05-16X1.5-65R | 10208938 | MF16X1.5 | 1,5 | 4,27 | 15,0 | 58 | 95,7 | 100,0 | 12,0 | 12.00x9.00 | 15,35 | 6 | C |

## MTP-P003

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 264

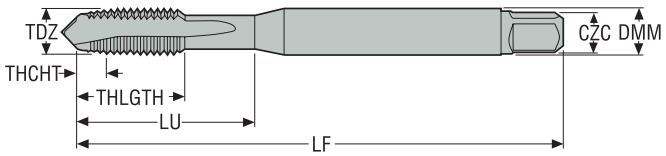
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M1X0.25ISO5HX-TB-P003 | 02999897 | M1 | 0,25 | 2,5<br>*0.098* | 20,0<br>*0.787* | 5,0<br>*0.197* | 38,87<br>*1.530* | 0,75<br>*0.030* | 2.50X2.10 | 2 | DIN371 | 5HX | B |
| MTP-M1.2X0.25ISO5HX-TB-P003 | 02999898 | M1.2 | 0,25 | 2,5<br>*0.098* | 20,0<br>*0.787* | 5,0<br>*0.197* | 38,87<br>*1.530* | 0,95<br>*0.037* | 2.50X2.10 | 2 | DIN371 | 5HX | B |
| MTP-M1.4X0.30ISO5HX-TB-P003 | 02999899 | M1.4 | 0,3 | 2,5<br>*0.098* | 20,0<br>*0.787* | 6,5<br>*0.256* | 38,65<br>*1.522* | 1,1<br>*0.043* | 2.50X2.10 | 2 | DIN371 | 5HX | B |
| MTP-M1.6X0.35ISO6HX-TB-P003 | 02999900 | M1.6 | 0,35 | 2,5<br>*0.098* | 12,5<br>*0.492* | 7,0<br>*0.276* | 38,42<br>*1.513* | 1,3<br>*0.051* | 2.50X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M1.8X0.35ISO6HX-TB-P003 | 02999901 | M1.8 | 0,35 | 2,5<br>*0.098* | 20,0<br>*0.787* | 7,0<br>*0.276* | 38,42<br>*1.513* | 1,5<br>*0.059* | 2.50X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M2X0.40ISO6HX-TB-P003 | 02999902 | M2 | 0,4 | 2,8<br>*0.110* | 9,0<br>*0.354* | 6,0<br>*0.236* | 43,2<br>*1.701* | 1,6<br>*0.063* | 2.80X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M2.2X0.45ISO6HX-TB-P003 | 02999903 | M2.2 | 0,45 | 2,8<br>*0.110* | 12,0<br>*0.472* | 7,0<br>*0.276* | 42,97<br>*1.692* | 1,8<br>*0.071* | 2.80X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M2.5X0.45ISO6HX-TB-P003 | 02999905 | M2.5 | 0,45 | 2,8<br>*0.110* | 12,5<br>*0.492* | 8,0<br>*0.315* | 47,97<br>*1.889* | 2,1<br>*0.083* | 2.80X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M3X0.50ISO6HX-TB-P003 | 02999907 | M3 | 0,5 | 3,5<br>*0.138* | 18,0<br>*0.709* | 8,9<br>*0.350* | 53,6875<br>*2.114* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6HX | B |
| MTP-M3.5X0.60ISO6HX-TB-P003 | 02999908 | M3.5 | 0,6 | 4,0<br>*0.157* | 20,0<br>*0.787* | 10,8<br>*0.425* | 53,225<br>*2.095* | 2,9<br>*0.114* | 4.00X3.00 | 3 | DIN371 | 6HX | B |
| MTP-M4X0.70ISO6HX-TB-P003 | 02999909 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 11,7<br>*0.461* | 59,7625<br>*2.353* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | B |
| MTP-M5X0.80ISO6HX-TB-P003 | 02999910 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 12,6<br>*0.496* | 66,3<br>*2.610* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M6X1.00ISO6HX-TB-P003 | 02999911 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 14,5<br>*0.571* | 75,375<br>*2.968* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M7X1.00ISO6HX-TB-P003 | 02999912 | M7 | 1,0 | 7,0<br>*0.276* | 30,0<br>*1.181* | 14,5<br>*0.571* | 78,275<br>*3.082* | 6,1<br>*0.240* | 7.00X5.50 | 3 | DIN371 | 6HX | B |
| MTP-M8X1.25ISO6HX-TB-P003 | 02999913 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 17,4<br>*0.685* | 84,21875<br>*3.316* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | B |
| MTP-M10X1.50ISO6HX-TB-P003 | 02999914 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 19,2<br>*0.756* | 93,0625<br>*3.664* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | B |

## MTP-P003

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 264

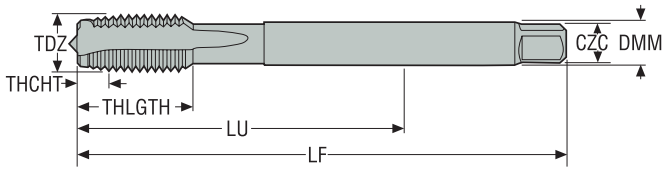
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M4X0.70ISO6HX-TB-P003-A | 02999929 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 11,7<br>*0.461* | 59,73<br>*2.352* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | B |
| MTP-M5X0.80ISO6HX-TB-P003-A | 02999930 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 12,6<br>*0.496* | 66,35<br>*2.612* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M6X1.00ISO6HX-TB-P003-A | 02999931 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 14,5<br>*0.571* | 75,51<br>*2.973* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M8X1.25ISO6HX-TB-P003-A | 02999933 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 17,4<br>*0.685* | 84,48<br>*3.326* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | B |
| MTP-M10X1.50ISO6HX-TB-P003-A | 02999934 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 19,2<br>*0.756* | 93,46<br>*3.680* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | B |

## MTP-P004

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 264

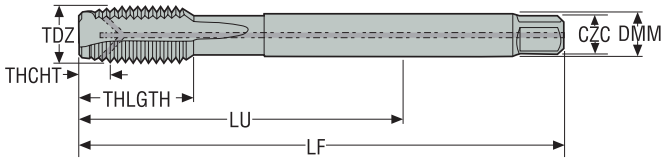
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M4X0.70ISO6HX-TB-P004 | 02999915 | M4 | 0,7 | 2,8<br>*0.110* | 43,0<br>*1.693* | 12,0<br>*0.472* | 59,7625<br>*2.353* | 3,4<br>*0.134* | 2.80X2.10 | 3 | DIN376 | 6HX | B |
| MTP-M5X0.80ISO6HX-TB-P004 | 02999916 | M5 | 0,8 | 3,5<br>*0.138* | 49,0<br>*1.929* | 13,2<br>*0.520* | 66,3<br>*2.610* | 4,3<br>*0.169* | 3.50X2.70 | 3 | DIN376 | 6HX | B |
| MTP-M6X1.00ISO6HX-TB-P004 | 02999917 | M6 | 1,0 | 4,5<br>*0.177* | 59,0<br>*2.323* | 15,1<br>*0.594* | 75,375<br>*2.968* | 5,1<br>*0.201* | 4.50X3.40 | 3 | DIN376 | 6HX | B |
| MTP-M8X1.25ISO6HX-TB-P004 | 02999918 | M8 | 1,25 | 6,0<br>*0.236* | 67,0<br>*2.638* | 18,0<br>*0.709* | 84,21875<br>*3.316* | 6,8<br>*0.268* | 6.00X4.90 | 3 | DIN376 | 6HX | B |
| MTP-M10X1.50ISO6HX-TB-P004 | 02999919 | M10 | 1,5 | 7,0<br>*0.276* | 77,0<br>*3.031* | 19,8<br>*0.780* | 93,0625<br>*3.664* | 8,6<br>*0.339* | 7.00X5.50 | 3 | DIN376 | 6HX | B |
| MTP-M12X1.75ISO6HX-TB-P004 | 02999920 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 101,90625<br>*4.012* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6HX | B |
| MTP-M14X2.00ISO6HX-TB-P004 | 02999921 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 100,75<br>*3.967* | 12,1<br>*0.476* | 11.00X9.00 | 4 | DIN376 | 6HX | B |
| MTP-M16X2.00ISO6HX-TB-P004 | 02999922 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 100,75<br>*3.967* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | B |
| MTP-M18X2.50ISO6HX-TB-P004 | 02999923 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 30,0<br>*1.181* | 114,46<br>*4.506* | 15,7<br>*0.618* | 14.00X11.00 | 4 | DIN376 | 6HX | B |
| MTP-M20X2.50ISO6HX-TB-P004 | 02999924 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 128,4375<br>*5.057* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | B |
| MTP-M22X2.50ISO6HX-TB-P004 | 02999925 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 34,0<br>*1.339* | 129,36<br>*5.093* | 19,7<br>*0.776* | 18.00X14.50 | 4 | DIN376 | 6HX | B |
| MTP-M24X3.00ISO6HX-TB-P004 | 02999926 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 38,0<br>*1.496* | 146,125<br>*5.753* | 21,0<br>*0.827* | 18.00X14.50 | 4 | DIN376 | 6HX | B |
| MTP-M27X3.00ISO6HX-TB-P004 | 02999927 | M27 | 3,0 | 20,0<br>*0.787* | 97,0<br>*3.819* | 38,0<br>*1.496* | 147,37<br>*5.802* | 24,0<br>*0.945* | 20.00X16.00 | 4 | DIN376 | 6HX | B |
| MTP-M30X3.50ISO6HX-TB-P004 | 02999928 | M30 | 3,5 | 22,0<br>*0.866* | 115,0<br>*4.528* | 45,0<br>*1.772* | 165,42<br>*6.513* | 26,5<br>*1.043* | 22.00X18.00 | 4 | DIN376 | 6HX | B |

## MTP-P004-A

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 264

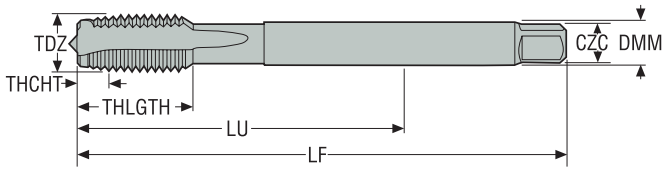
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6HX-TB-P004-A | 02999935 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 101,90625<br>*4.012* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6HX | B |
| MTP-M14X2.00ISO6HX-TB-P004-A | 02999936 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 101,41<br>*3.993* | 12,1<br>*0.476* | 11.00X9.00 | 4 | DIN376 | 6HX | B |
| MTP-M16X2.00ISO6HX-TB-P004-A | 02999937 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 100,75<br>*3.967* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | B |
| MTP-M20X2.50ISO6HX-TB-P004-A | 02999939 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 129,46<br>*5.097* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | B |
| MTP-M22X2.50ISO6HX-TB-P004-A | 02999940 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 34,0<br>*1.339* | 129,36<br>*5.093* | 19,7<br>*0.776* | 18.00X14.50 | 4 | DIN376 | 6HX | B |
| MTP-M24X3.00ISO6HX-TB-P004-A | 02999941 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 38,0<br>*1.496* | 146,125<br>*5.753* | 21,0<br>*0.827* | 18.00X14.50 | 4 | DIN376 | 6HX | B |
| MTP-M27X3.00ISO6HX-TB-P004-A | 02999942 | M27 | 3,0 | 20,0<br>*0.787* | 97,0<br>*3.819* | 38,0<br>*1.496* | 147,37<br>*5.802* | 24,0<br>*0.945* | 20.00X16.00 | 4 | DIN376 | 6HX | B |

## MTP-P011

Găuri străpunse – Fileturi MF






—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 264

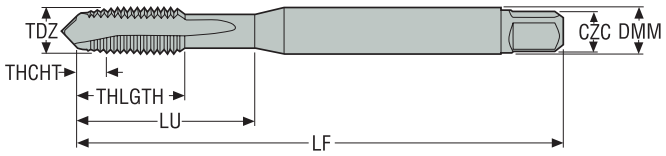
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M4X0.50ISO6HX-TB-P011 | 02999944 | MF4X0.5 | 0,5 | 2,8<br>*0.110* | 43,0<br>*1.693* | 12,0<br>*0.472* | 60,6875<br>*2.389* | 3,5<br>*0.138* | 2.80X2.10 | 3 | DIN374 | 6HX | B |
| MTP-M5X0.50ISO6HX-TB-P011 | 02999945 | MF5X0.5 | 0,5 | 3,5<br>*0.138* | 49,0<br>*1.929* | 13,0<br>*0.512* | 67,57<br>*2.660* | 4,5<br>*0.177* | 3.50X2.70 | 3 | DIN374 | 6HX | B |
| MTP-M6X0.75ISO6HX-TB-P011 | 02999946 | MF6X0.75 | 0,75 | 4,5<br>*0.177* | 59,0<br>*2.323* | 15,0<br>*0.591* | 76,5<br>*3.012* | 5,3<br>*0.209* | 4.50X3.40 | 3 | DIN374 | 6HX | B |
| MTP-M8X1.00ISO6HX-TB-P011 | 02999948 | MF8X1.0 | 1,0 | 6,0<br>*0.236* | 67,0<br>*2.638* | 18,0<br>*0.709* | 85,375<br>*3.361* | 7,1<br>*0.280* | 6.00X4.90 | 3 | DIN374 | 6HX | B |
| MTP-M10X1.00ISO6HX-TB-P011 | 02999950 | MF10X1.0 | 1,0 | 7,0<br>*0.276* | 67,0<br>*2.638* | 17,6<br>*0.693* | 85,375<br>*3.361* | 9,1<br>*0.358* | 7.00X5.50 | 3 | DIN374 | 6HX | B |
| MTP-M10X1.25ISO6HX-TB-P011 | 02999951 | MF10X1.25 | 1,25 | 7,0<br>*0.276* | 77,0<br>*3.031* | 19,8<br>*0.780* | 98,51875<br>*3.879* | 8,8<br>*0.346* | 7.00X5.50 | 3 | DIN374 | 6HX | B |
| MTP-M12X1.00ISO6HX-TB-P011 | 02999952 | MF12X1.0 | 1,0 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 95,36<br>*3.754* | 11,1<br>*0.437* | 9.00X7.00 | 4 | DIN374 | 6HX | B |
| MTP-M12X1.25ISO6HX-TB-P011 | 02999953 | MF12X1.25 | 1,25 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 94,21875<br>*3.709* | 10,8<br>*0.425* | 9.00X7.00 | 4 | DIN374 | 6HX | B |
| MTP-M12X1.50ISO6HX-TB-P011 | 02999954 | MF12X1.5 | 1,5 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 93,37<br>*3.676* | 10,6<br>*0.417* | 9.00X7.00 | 4 | DIN374 | 6HX | B |
| MTP-M14X1.50ISO6HX-TB-P011 | 02999957 | MF14X1.5 | 1,5 | 11,0<br>*0.433* | 71,0<br>*2.795* | 21,0<br>*0.827* | 93,0625<br>*3.664* | 12,6<br>*0.496* | 11.00X9.00 | 4 | DIN374 | 6HX | B |
| MTP-M16X1.50ISO6HX-TB-P011 | 02999959 | MF16X1.5 | 1,5 | 12,0<br>*0.472* | 58,0<br>*2.283* | 21,0<br>*0.827* | 93,0625<br>*3.664* | 14,6<br>*0.575* | 12.00X9.00 | 4 | DIN374 | 6HX | B |
| MTP-M18X1.00ISO6HX-TB-P011 | 02999960 | MF18X1.0 | 1,0 | 14,0<br>*0.551* | 66,0<br>*2.598* | 24,0<br>*0.945* | 105,35<br>*4.148* | 17,1<br>*0.673* | 14.00X11.00 | 4 | DIN374 | 6HX | B |
| MTP-M18X1.50ISO6HX-TB-P011 | 02999961 | MF18X1.5 | 1,5 | 14,0<br>*0.551* | 66,0<br>*2.598* | 24,0<br>*0.945* | 103,35<br>*4.069* | 16,6<br>*0.654* | 14.00X11.00 | 4 | DIN374 | 6HX | B |
| MTP-M20X1.00ISO6HX-TB-P011 | 02999962 | MF20X1.0 | 1,0 | 16,0<br>*0.630* | 80,0<br>*3.150* | 24,0<br>*0.945* | 120,24<br>*4.734* | 19,1<br>*0.752* | 16.00X12.00 | 4 | DIN374 | 6HX | B |
| MTP-M20X1.50ISO6HX-TB-P011 | 02999963 | MF20X1.5 | 1,5 | 16,0<br>*0.630* | 80,0<br>*3.150* | 24,0<br>*0.945* | 118,25<br>*4.656* | 18,6<br>*0.732* | 16.00X12.00 | 4 | DIN374 | 6HX | B |
| MTP-M24X2.00ISO6HX-TB-P011 | 02999966 | MF24X2.0 | 2,0 | 18,0<br>*0.709* | 93,0<br>*3.661* | 28,0<br>*1.102* | 131,28<br>*5.169* | 22,0<br>*0.866* | 18.00X14.50 | 4 | DIN374 | 6HX | B |
| MTP-M25X1.50ISO6HX-TB-P011 | 02999967 | MF25X1.5 | 1,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 28,0<br>*1.102* | 133,23<br>*5.245* | 23,5<br>*0.925* | 18.00X14.50 | 4 | DIN374 | 6HX | B |
| MTP-M27X1.50ISO6HX-TB-P011 | 02999969 | MF27X1.5 | 1,5 | 20,0<br>*0.787* | 77,0<br>*3.031* | 28,0<br>*1.102* | 133,22<br>*5.245* | 25,5<br>*1.004* | 20.00X16.00 | 4 | DIN374 | 6HX | B |
| MTP-M30X2.00ISO6HX-TB-P011 | 02999973 | MF30X2.0 | 2,0 | 22,0<br>*0.866* | 85,0<br>*3.346* | 28,0<br>*1.102* | 141,27<br>*5.562* | 28,0<br>*1.102* | 22.00X18.00 | 4 | DIN374 | 6HX | B |

## MTP-M003-A

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

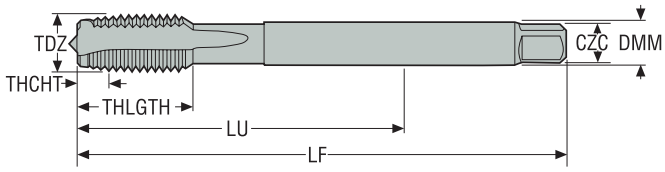
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M4X0.70ISO6H-TB-M003-A | 03000094 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 11,7<br>*0.461* | 59,82<br>*2.355* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6H | B |
| MTP-M5X0.80ISO6H-TB-M003-A | 03000095 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 12,6<br>*0.496* | 66,4<br>*2.614* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6H | B |
| MTP-M6X1.00ISO6H-TB-M003-A | 03000096 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 14,5<br>*0.571* | 75,375<br>*2.968* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | B |
| MTP-M8X1.25ISO6H-TB-M003-A | 03000097 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 17,4<br>*0.685* | 84,21875<br>*3.316* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | B |
| MTP-M10X1.50ISO6H-TB-M003-A | 03000098 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 19,2<br>*0.756* | 93,0625<br>*3.664* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | B |

## MTP-M004

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

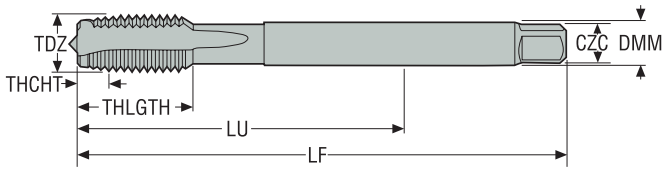
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6H-TB-M004 | 03000087 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 101,90625<br>*4.012* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6H | B |
| MTP-M16X2.00ISO6H-TB-M004 | 03000090 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 100,75<br>*3.967* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | B |
| MTP-M20X2.50ISO6H-TB-M004 | 03000092 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 128,4375<br>*5.057* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6H | B |

## MTP-M004-A

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

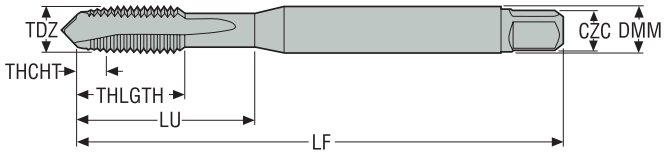
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6H-TB-M004-A | 03000099 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 101,90625<br>*4.012* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6H | B |
| MTP-M14X2.00ISO6H-TB-M004-A | 03000100 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 101,14<br>*3.982* | 12,1<br>*0.476* | 11.00X9.00 | 4 | DIN376 | 6H | B |
| MTP-M16X2.00ISO6H-TB-M004-A | 03000101 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 101,05<br>*3.978* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | B |
| MTP-M20X2.50ISO6H-TB-M004-A | 03000103 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 129,15<br>*5.085* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6H | B |

## MTP-N001

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

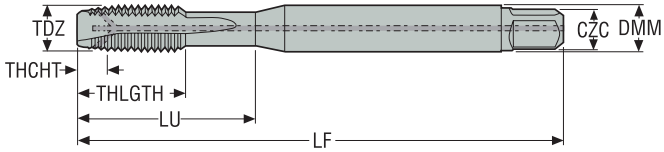
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M3X0.50ISO6H-TB-N001 | 03000136 | M3 | 0,5 | 3,5<br>*0.138* | 16,0<br>*0.630* | 9,0<br>*0.354* | 54,625<br>*2.151* | 2,5<br>*0.098* | 3.50X2.70 | 2 | DIN371 | 6H | B |
| MTP-M4X0.70ISO6H-TB-N001 | 03000137 | M4 | 0,7 | 4,5<br>*0.177* | 19,0<br>*0.748* | 12,0<br>*0.472* | 59,85<br>*2.356* | 3,4<br>*0.134* | 4.50X3.40 | 2 | DIN371 | 6H | B |
| MTP-M5X0.80ISO6H-TB-N001 | 03000138 | M5 | 0,8 | 6,0<br>*0.236* | 23,0<br>*0.906* | 13,0<br>*0.512* | 66,4<br>*2.614* | 4,3<br>*0.169* | 6.00X4.90 | 2 | DIN371 | 6H | B |
| MTP-M6X1.00ISO6H-TB-N001 | 03000139 | M6 | 1,0 | 6,0<br>*0.236* | 27,0<br>*1.063* | 15,0<br>*0.591* | 75,375<br>*2.968* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | B |
| MTP-M8X1.25ISO6H-TB-N001 | 03000140 | M8 | 1,25 | 8,0<br>*0.315* | 28,0<br>*1.102* | 18,0<br>*0.709* | 84,21875<br>*3.316* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | B |
| MTP-M10X1.50ISO6H-TB-N001 | 03000141 | M10 | 1,5 | 10,0<br>*0.394* | 30,0<br>*1.181* | 20,0<br>*0.787* | 93,25<br>*3.671* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | B |

## MTP-N001-A

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-PM
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

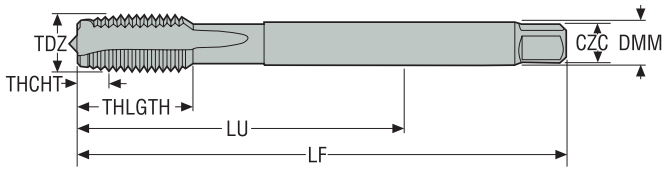
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M4X0.70ISO6H-TB-N001-A | 03000145 | M4 | 0,7 | 4,5<br>*0.177* | 19,0<br>*0.748* | 12,0<br>*0.472* | 59,85<br>*2.356* | 3,4<br>*0.134* | 4.50X3.40 | 2 | DIN371 | 6H | B |
| MTP-M5X0.80ISO6H-TB-N001-A | 03000146 | M5 | 0,8 | 6,0<br>*0.236* | 23,0<br>*0.906* | 13,0<br>*0.512* | 66,4<br>*2.614* | 4,3<br>*0.169* | 6.00X4.90 | 2 | DIN371 | 6H | B |
| MTP-M6X1.00ISO6H-TB-N001-A | 03000147 | M6 | 1,0 | 6,0<br>*0.236* | 27,0<br>*1.063* | 15,0<br>*0.591* | 75,5<br>*2.972* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | B |
| MTP-M8X1.25ISO6H-TB-N001-A | 03000148 | M8 | 1,25 | 8,0<br>*0.315* | 28,0<br>*1.102* | 18,0<br>*0.709* | 84,37<br>*3.322* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | B |
| MTP-M10X1.50ISO6H-TB-N001-A | 03000149 | M10 | 1,5 | 10,0<br>*0.394* | 30,0<br>*1.181* | 20,0<br>*0.787* | 93,25<br>*3.671* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | B |

## MTP-N002

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

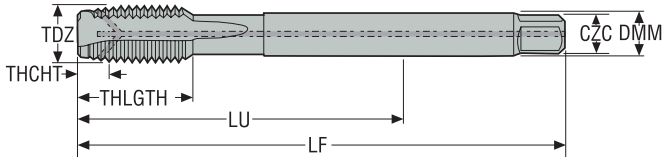
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6H-TB-N002 | 03000142 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 102,1<br>*4.020* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6H | B |
| MTP-M14X2.00ISO6H-TB-N002 | 03000143 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 101,0<br>*3.976* | 12,1<br>*0.476* | 11.00X9.00 | 4 | DIN376 | 6H | B |
| MTP-M16X2.00ISO6H-TB-N002 | 03000144 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 101,0<br>*3.976* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | B |

## MTP-N002-A

Găuri străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-PM
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

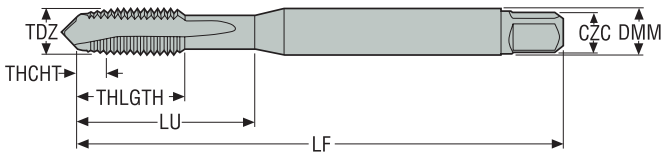
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6H-TB-N002-A | 03000150 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 102,1<br>*4.020* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6H | B |
| MTP-M16X2.00ISO6H-TB-N002-A | 03000152 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 101,0<br>*3.976* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | B |

## MTP-S001

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 274

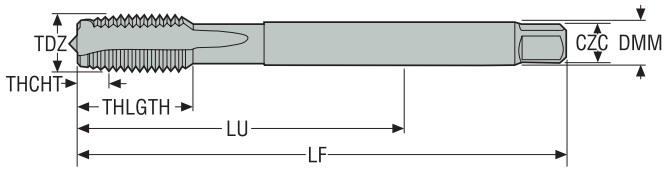
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M2X0.40ISO6HX-TB-S001 | 10001159 | M2 | 0,4 | 2,8<br>*0.110* | 8,0<br>*0.315* | 8,0<br>*0.315* | 43,2<br>*1.701* | 1,6<br>*0.063* | 2.80X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M2.5X0.45ISO6HX-TB-S001 | 10001161 | M2.5 | 0,45 | 2,8<br>*0.110* | 9,0<br>*0.354* | 9,0<br>*0.354* | 47,97<br>*1.889* | 2,1<br>*0.083* | 2.80X2.10 | 2 | DIN371 | 6HX | B |
| MTP-M3X0.50ISO6HX-TB-S001 | 10001162 | M3 | 0,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 10,0<br>*0.394* | 53,75<br>*2.116* | 2,5<br>*0.098* | 3.50X2.70 | 2 | DIN371 | 6HX | B |
| MTP-M3.5X0.60ISO6HX-TB-S001 | 10001163 | M3.5 | 0,6 | 4,0<br>*0.157* | 12,0<br>*0.472* | 12,0<br>*0.472* | 53,3<br>*2.098* | 2,9<br>*0.114* | 4.00X3.00 | 3 | DIN371 | 6HX | B |
| MTP-M4X0.70ISO6HX-TB-S001 | 10001164 | M4 | 0,7 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 59,85<br>*2.356* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | B |
| MTP-M5X0.80ISO6HX-TB-S001 | 10001165 | M5 | 0,8 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 66,4<br>*2.614* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M6X1.00ISO6HX-TB-S001 | 10001166 | M6 | 1,0 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 75,5<br>*2.972* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M8X1.25ISO6HX-TB-S001 | 10001167 | M8 | 1,25 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 84,37<br>*3.322* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | B |
| MTP-M10X1.50ISO6HX-TB-S001 | 10001168 | M10 | 1,5 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 93,25<br>*3.671* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | B |

## MTP-S002

Găuri străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 274

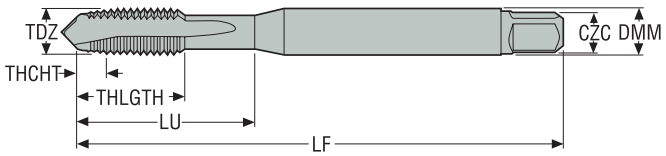
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M12X1.75ISO6HX-TB-S002 | 10001169 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 102,12<br>*4.020* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6HX | B |
| MTP-M16X2.00ISO6HX-TB-S002 | 10001170 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 101,0<br>*3.976* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | B |
| MTP-M20X2.50ISO6HX-TB-S002 | 10001171 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 128,75<br>*5.069* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | B |

## MTP-S011

Găuri străpunse – Fileturi MF






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 274

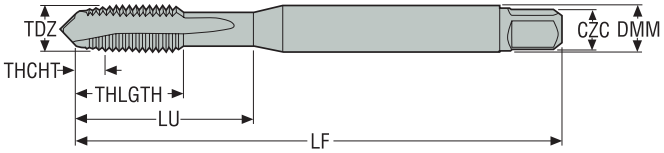
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-M6X0.75ISO6HX-TB-S011 | 10001176 | MF6X0.75 | 0,75 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 76,62<br>*3.017* | 5,25<br>*0.207* | 6.00X4.90 | 3 | DIN371 | 6HX | B |
| MTP-M8X0.750ISO6HX-TB-S011 | 10001177 | MF8X0.75 | 0,75 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 86,62<br>*3.410* | 7,25<br>*0.285* | 8.00X6.20 | 3 | DIN371 | 6HX | B |
| MTP-M8X1.00ISO6HX-TB-S011 | 10001178 | MF8X1.0 | 1,0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 85,5<br>*3.366* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN371 | 6HX | B |
| MTP-M10X1.00ISO6HX-TB-S011 | 10001179 | MF10X1.0 | 1,0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 95,5<br>*3.760* | 9,0<br>*0.354* | 10.00X8.00 | 3 | DIN371 | 6HX | B |
| MTP-M12X1.00ISO6HX-TB-S011 | 10001180 | MF12X1.0 | 1,0 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 95,5<br>*3.760* | 11,0<br>*0.433* | 9.00X7.00 | 4 | DIN374 | 6HX | B |
| MTP-M12X1.50ISO6HX-TB-S011 | 10001181 | MF12X1.5 | 1,5 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 93,25<br>*3.671* | 10,5<br>*0.413* | 9.00X7.00 | 4 | DIN374 | 6HX | B |
| MTP-M14X1.50ISO6HX-TB-S011 | 10001182 | MF14X1.5 | 1,5 | 11,0<br>*0.433* | 71,0<br>*2.795* | 21,0<br>*0.827* | 93,25<br>*3.671* | 12,5<br>*0.492* | 11.00X9.00 | 4 | DIN374 | 6HX | B |

## MTP-S012

Găuri străpunse – Fileturi MJ






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 274

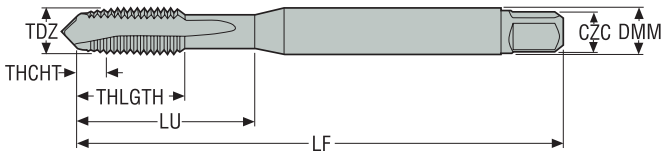
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-MJ4X0.70ISO4H-TB-S012 | 10001172 | MJ4X0.7 | 0,7 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 59,85<br>*2.356* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 4H | B |
| MTP-MJ5X0.80ISO4H-TB-S012 | 10001173 | MJ5X0.8 | 0,8 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 66,4<br>*2.614* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 4H | B |
| MTP-MJ6X1.00ISO4H-TB-S012 | 10001174 | MJ6X1 | 1,0 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 75,5<br>*2.972* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 4H | B |
| MTP-MJ8X1.25ISO4H-TB-S012 | 10001175 | MJ8X1.25 | 1,25 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 84,37<br>*3.322* | 6,9<br>*0.272* | 8.00X6.20 | 3 | DIN371 | 4H | B |

## MTP-S013

Găuri străpunse – Fileturi EGM






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 274

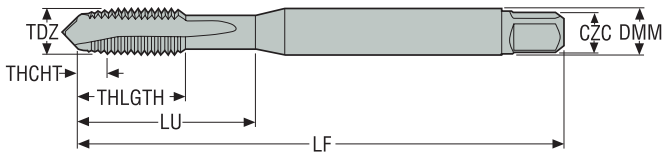
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | | | | | |
| MTP-EGM4X0.7ISO4H-TB-S013<br>*MTP-STIM4X0.7ISO4H-TB-S013* | 10001218 | EGM4 | 0,7 | 6,0<br>*0.236* | 16<br>*0.630* | 16,0<br>*0.630* | 66,9<br>*2.632* | 4,2<br>*0.165* | 6.00X4.90 | 3 | DIN40435 | 4H | B |
| MTP-EGM5X0.8ISO4H-TB-S013<br>*MTP-STIM5X0.8ISO4H-TB-S013* | 10001219 | EGM5 | 0,8 | 6,0<br>*0.236* | 23<br>*0.906* | 15,0<br>*0.591* | 76,4<br>*3.008* | 5,3<br>*0.207* | 6.00X4.90 | 3 | DIN40435 | 4H | B |
| MTP-EGM6X1.0ISO4H-TB-S013<br>*MTP-STIM6X1.0ISO4H-TB-S013* | 10001220 | EGM6 | 1,0 | 8,0<br>*0.315* | 35<br>*1.378* | 18,0<br>*0.709* | 85,5<br>*3.366* | 6,3<br>*0.248* | 8.00X6.20 | 3 | DIN40435 | 4H | B |
| MTP-EGM8X1.25ISO4H-TB-S013<br>*MTP-STIM8X1.25ISO4H-TB-S013* | 10001221 | EGM8 | 1,25 | 10,0<br>*0.394* | 34<br>*1.319* | 20,0<br>*0.787* | 94,4<br>*3.715* | 8,4<br>*0.331* | 10.00X8.00 | 3 | DIN40435 | 4H | B |

## MTP-S042

Găuri străpunse – Fileturi UNJF






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 274

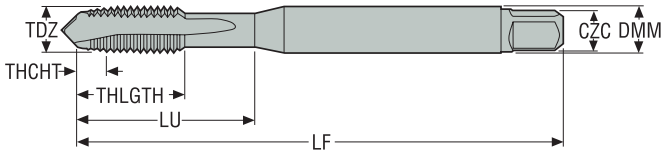
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-10-32UNJF3B-TB-S042 | 10001183 | UNJF10-32 | 32.0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 66,43<br>*2.615* | 4,15<br>*0.163* | 6.00X4.90 | 3 | DIN2184-1 | 3B | B |
| MTP-1/4-28UNJF3B-TB-S042 | 10001184 | UNJF1/4-28 | 28.0 | 7,0<br>*0.276* | 25,0<br>*0.984* | 15,0<br>*0.591* | 75,92<br>*2.989* | 5,6<br>*0.220* | 7.00X5.50 | 3 | DIN2184-1 | 3B | B |
| MTP-5/16-24UNJF3B-TB-S042 | 10001186 | UNJF5/16-24 | 24.0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 85,24<br>*3.356* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN2184-1 | 3B | B |
| MTP-3/8-24UNJF3B-TB-S042 | 10001185 | UNJF3/8-24 | 24.0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 95,24<br>*3.750* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN2184-1 | 3B | B |

## MTP-S043

Găuri străpunse – Fileturi EGUNF






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 274

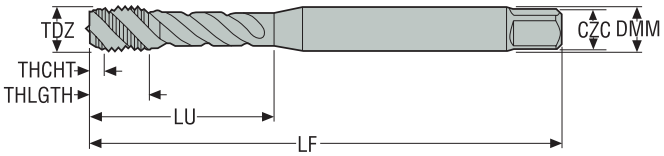
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTP-10-32EGUNF3B-TB-S043 | 10001214 | EGUNF10-32 | 32.0 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 76,43<br>*3.009* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN2184-1 | 3B | B |
| MTP-1/4-28EGUNF3B-TB-S043 | 10001215 | EGUNF1/4-28 | 28.0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 85,92<br>*3.383* | 6,6<br>*0.260* | 8.00X6.20 | 3 | DIN2184-1 | 3B | B |
| MTP-5/16-24EGUNF3B-TB-S043 | 10001216 | EGUNF5/16-24 | 24.0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 95,24<br>*3.750* | 8,2<br>*0.323* | 10.00X8.00 | 3 | DIN2184-1 | 3B | B |
| MTP-3/8-24EGUNF3B-TB-S043 | 10001217 | EGUNF3/8-24 | 24.0 | 8,0<br>*0.315* | 76,0<br>*2.992* | 20,0<br>*0.787* | 95,24<br>*3.750* | 9,8<br>*0.386* | 8.00X6.20 | 3 | DIN2184-1 | 3B | B |

## MTH-P003

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de aşchiere, vezi pagina(paginile) 262

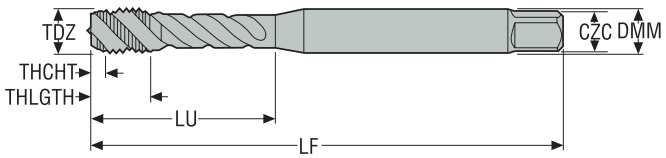
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M1.6X0.35ISO6HX-BC-P003 | 02999995 | M1.6 | 0,35 | 2,5<br>*0.098* | 6,0<br>*0.236* | 4,0<br>*0.157* | 39,3<br>*1.547* | 1,3<br>*0.051* | 2.50X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M2X0.40ISO6HX-BC-P003 | 02999996 | M2 | 0,4 | 2,8<br>*0.110* | 9,0<br>*0.354* | 4,0<br>*0.157* | 44,2<br>*1.740* | 1,6<br>*0.063* | 2.80X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M2.2X0.45ISO6HX-BC-P003 | 02999997 | M2.2 | 0,45 | 2,8<br>*0.110* | 12,0<br>*0.472* | 4,0<br>*0.157* | 44,1<br>*1.736* | 1,8<br>*0.071* | 2.80X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M2.3X0.40ISO6HX-BC-P003 | 02999998 | M2.3 | 0,4 | 2,8<br>*0.110* | 12,0<br>*0.472* | 4,0<br>*0.157* | 44,2<br>*1.740* | 1,9<br>*0.075* | 2.80X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M2.5X0.45ISO6HX-BC-P003 | 02999999 | M2.5 | 0,45 | 2,8<br>*0.110* | 12,5<br>*0.492* | 4,0<br>*0.157* | 49,1<br>*1.933* | 2,1<br>*0.083* | 2.80X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M2.6X0.45ISO6HX-BC-P003 | 03000000 | M2.6 | 0,45 | 2,8<br>*0.110* | 12,5<br>*0.492* | 4,0<br>*0.157* | 49,1<br>*1.933* | 2,15<br>*0.085* | 2.80X2.10 | 2 | DIN371 | 6HX | C |
| MTH-M3X0.50ISO6HX-BC-P003 | 03000001 | M3 | 0,5 | 3,5<br>*0.138* | 18,0<br>*0.709* | 5,9<br>*0.232* | 54,625<br>*2.151* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6HX | C |
| MTH-M3.5X0.60ISO6HX-BC-P003 | 03000002 | M3.5 | 0,6 | 4,0<br>*0.157* | 20,0<br>*0.787* | 7,0<br>*0.276* | 54,35<br>*2.140* | 2,9<br>*0.114* | 4.00X3.00 | 3 | DIN371 | 6HX | C |
| MTH-M4X0.70ISO6HX-BC-P003 | 03000003 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 6,7<br>*0.264* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | C |
| MTH-M5X0.80ISO6HX-BC-P003 | 03000004 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 7,7<br>*0.303* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-P003 | 03000006 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M7X1.00ISO6HX-BC-P003 | 03000007 | M7 | 1,0 | 7,0<br>*0.276* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 6,1<br>*0.240* | 7.00X5.50 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-P003 | 03000008 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 11,6<br>*0.457* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-P003 | 03000009 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 15,1<br>*0.594* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | C |

## MTH-P003-A

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 262

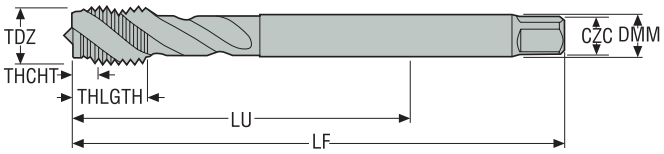
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M4X0.70ISO6HX-BC-P003-A | 03000024 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 6,7<br>*0.264* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | C |
| MTH-M5X0.80ISO6HX-BC-P003-A | 03000025 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 7,7<br>*0.303* | 68,1<br>*2.681* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-P003-A | 03000026 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,39<br>*3.047* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M7X1.00ISO6HX-BC-P003-A | 03000027 | M7 | 1,0 | 7,0<br>*0.276* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 6,1<br>*0.240* | 7.00X5.50 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-P003-A | 03000028 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 11,6<br>*0.457* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-P003-A | 03000029 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 15,1<br>*0.594* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | C |

## MTH-P004

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 262

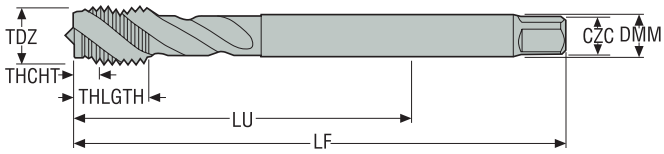
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M5X0.80ISO6HX-BC-P004 | 03000010 | M5 | 0,8 | 3,5<br>*0.138* | 49,0<br>*1.929* | 8,0<br>*0.315* | 67,8<br>*2.669* | 4,3<br>*0.169* | 3.50X2.70 | 3 | DIN376 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-P004 | 03000011 | M6 | 1,0 | 4,5<br>*0.177* | 59,0<br>*2.323* | 10,0<br>*0.394* | 77,25<br>*3.041* | 5,1<br>*0.201* | 4.50X3.40 | 3 | DIN376 | 6HX | C |
| MTH-M7X1.00ISO6HX-BC-P004 | 03000012 | M7 | 1,0 | 5,5<br>*0.217* | 59,0<br>*2.323* | 10,0<br>*0.394* | 77,25<br>*3.041* | 6,1<br>*0.240* | 5.50X4.30 | 3 | DIN376 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-P004 | 03000013 | M8 | 1,25 | 6,0<br>*0.236* | 67,0<br>*2.638* | 13,0<br>*0.512* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 6.00X4.90 | 3 | DIN376 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-P004 | 03000014 | M10 | 1,5 | 7,0<br>*0.276* | 77,0<br>*3.031* | 20,0<br>*0.787* | 95,875<br>*3.775* | 8,6<br>*0.339* | 7.00X5.50 | 3 | DIN376 | 6HX | C |
| MTH-M12X1.75ISO6HX-BC-P004 | 03000015 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 16,0<br>*0.630* | 105,59<br>*4.157* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6HX | C |
| MTH-M14X2.00ISO6HX-BC-P004 | 03000016 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 104,5<br>*4.114* | 12,1<br>*0.476* | 11.00X9.00 | 3 | DIN376 | 6HX | C |
| MTH-M16X2.00ISO6HX-BC-P004 | 03000017 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 20,0<br>*0.787* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | C |
| MTH-M18X2.50ISO6HX-BC-P004 | 03000018 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 25,0<br>*0.984* | 118,75<br>*4.675* | 15,7<br>*0.618* | 14.00X11.00 | 4 | DIN376 | 6HX | C |
| MTH-M20X2.50ISO6HX-BC-P004 | 03000019 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 25,0<br>*0.984* | 133,75<br>*5.266* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | C |
| MTH-M22X2.50ISO6HX-BC-P004 | 03000020 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 25,0<br>*0.984* | 133,73<br>*5.265* | 19,7<br>*0.776* | 18.00X14.50 | 4 | DIN376 | 6HX | C |
| MTH-M24X3.00ISO6HX-BC-P004 | 03000021 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 30,0<br>*1.181* | 152,72<br>*6.013* | 21,0<br>*0.827* | 18.00X14.50 | 4 | DIN376 | 6HX | C |
| MTH-M27X3.00ISO6HX-BC-P004 | 03000022 | M27 | 3,0 | 20,0<br>*0.787* | 97,0<br>*3.819* | 30,0<br>*1.181* | 152,76<br>*6.014* | 24,0<br>*0.945* | 20.00X16.00 | 4 | DIN376 | 6HX | C |
| MTH-M30X3.50ISO6HX-BC-P004 | 03000023 | M30 | 3,5 | 22,0<br>*0.866* | 115,0<br>*4.528* | 36,0<br>*1.417* | 171,78<br>*6.763* | 26,5<br>*1.043* | 22.00X18.00 | 4 | DIN376 | 6HX | C |

## MTH-P004-A

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 262

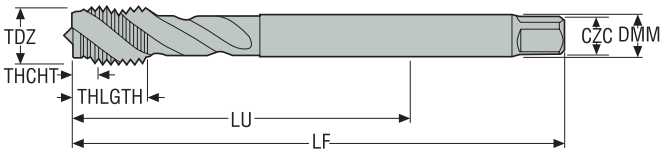
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6HX-BC-P004-A | 03000030 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 16,0<br>*0.630* | 105,59<br>*4.157* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6HX | C |
| MTH-M14X2.00ISO6HX-BC-P004-A | 03000031 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 105,08<br>*4.137* | 12,1<br>*0.476* | 11.00X9.00 | 3 | DIN376 | 6HX | C |
| MTH-M16X2.00ISO6HX-BC-P004-A | 03000032 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 20,0<br>*0.787* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | C |
| MTH-M18X2.50ISO6HX-BC-P004-A | 03000033 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 25,0<br>*0.984* | 118,75<br>*4.675* | 15,7<br>*0.618* | 14.00X11.00 | 4 | DIN376 | 6HX | C |
| MTH-M20X2.50ISO6HX-BC-P004-A | 03000034 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 25,0<br>*0.984* | 133,75<br>*5.266* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | C |
| MTH-M22X2.50ISO6HX-BC-P004-A | 03000036 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 25,0<br>*0.984* | 133,73<br>*5.265* | 19,7<br>*0.776* | 18.00X14.50 | 4 | DIN376 | 6HX | C |
| MTH-M24X3.00ISO6HX-BC-P004-A | 03000037 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 30,0<br>*1.181* | 152,72<br>*6.013* | 21,0<br>*0.827* | 18.00X14.50 | 4 | DIN376 | 6HX | C |
| MTH-M27X3.00ISO6HX-BC-P004-A | 03000038 | M27 | 3,0 | 20,0<br>*0.787* | 97,0<br>*3.819* | 30,0<br>*1.181* | 151,75<br>*5.974* | 24,0<br>*0.945* | 20.00X16.00 | 4 | DIN376 | 6HX | C |
| MTH-M30X3.50ISO6HX-BC-P004-A | 03000039 | M30 | 3,5 | 22,0<br>*0.866* | 115,0<br>*4.528* | 36,0<br>*1.417* | 171,78<br>*6.763* | 26,5<br>*1.043* | 22.00X18.00 | 4 | DIN376 | 6HX | C |

## MTH-P011

Găuri înfundate – Fileturi MF






—Substrat: HSS-E-PM
—Acoperirea: Pe bază de AlTiN
—Regimuri de așchiere, vezi pagina(paginile) 262

Max

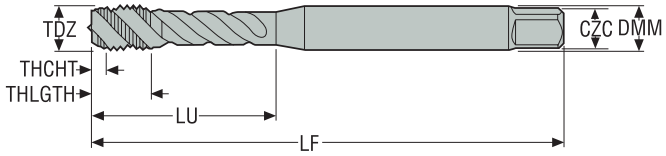
| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M4X0.50ISO6HX-BC-P011 | 03000040 | MF4X0.5 | 0,5 | 2,8<br>*0.110* | 43,0<br>*1.693* | 7,0<br>*0.276* | 61,625<br>*2.426* | 3,5<br>*0.138* | 2.80X2.10 | 3 | DIN374 | 6HX | C |
| MTH-M5X0.50ISO6HX-BC-P011 | 03000041 | MF5X0.5 | 0,5 | 3,5<br>*0.138* | 49,0<br>*1.929* | 8,0<br>*0.315* | 68,75<br>*2.707* | 4,5<br>*0.177* | 3.50X2.70 | 3 | DIN374 | 6HX | C |
| MTH-M6X0.75ISO6HX-BC-P011 | 03000042 | MF6X0.75 | 0,75 | 4,5<br>*0.177* | 59,0<br>*2.323* | 10,0<br>*0.394* | 77,7<br>*3.059* | 5,3<br>*0.209* | 4.50X3.40 | 3 | DIN374 | 6HX | C |
| MTH-M8X0.75ISO6HX-BC-P011 | 03000043 | MF8X0.75 | 0,75 | 6,0<br>*0.236* | 57,0<br>*2.244* | 13,0<br>*0.512* | 77,72<br>*3.060* | 7,3<br>*0.287* | 6.00X4.90 | 3 | DIN374 | 6HX | C |
| MTH-M8X1.00ISO6HX-BC-P011 | 03000044 | MF8X1.0 | 1,0 | 6,0<br>*0.236* | 67,0<br>*2.638* | 13,0<br>*0.512* | 87,2<br>*3.433* | 7,1<br>*0.280* | 6.00X4.90 | 3 | DIN374 | 6HX | C |
| MTH-M10X0.75ISO6HX-BC-P011 | 03000045 | MF10X0.75 | 0,75 | 7,0<br>*0.276* | 67,0<br>*2.638* | 13,0<br>*0.512* | 87,73<br>*3.454* | 9,3<br>*0.366* | 7.00X5.50 | 3 | DIN374 | 6HX | C |
| MTH-M10X1.00ISO6HX-BC-P011 | 03000046 | MF10X1.0 | 1,0 | 7,0<br>*0.276* | 67,0<br>*2.638* | 13,0<br>*0.512* | 87,25<br>*3.435* | 9,1<br>*0.358* | 7.00X5.50 | 3 | DIN374 | 6HX | C |
| MTH-M10X1.25ISO6HX-BC-P011 | 03000047 | MF10X1.25 | 1,25 | 7,0<br>*0.276* | 77,0<br>*3.031* | 15,0<br>*0.591* | 96,5625<br>*3.802* | 8,8<br>*0.346* | 7.00X5.50 | 3 | DIN374 | 6HX | C |
| MTH-M12X1.00ISO6HX-BC-P011 | 03000048 | MF12X1.0 | 1,0 | 9,0<br>*0.354* | 73,0<br>*2.874* | 15,0<br>*0.591* | 97,25<br>*3.829* | 11,1<br>*0.437* | 9.00X7.00 | 3 | DIN374 | 6HX | C |
| MTH-M12X1.25ISO6HX-BC-P011 | 03000049 | MF12X1.25 | 1,25 | 9,0<br>*0.354* | 73,0<br>*2.874* | 15,0<br>*0.591* | 96,5625<br>*3.802* | 10,8<br>*0.425* | 9.00X7.00 | 3 | DIN374 | 6HX | C |
| MTH-M12X1.50ISO6HX-BC-P011 | 03000050 | MF12X1.5 | 1,5 | 9,0<br>*0.354* | 73,0<br>*2.874* | 15,0<br>*0.591* | 96,07<br>*3.782* | 10,6<br>*0.417* | 9.00X7.00 | 3 | DIN374 | 6HX | C |
| MTH-M14X1.00ISO6HX-BC-P011 | 03000051 | MF14X1.0 | 1,0 | 11,0<br>*0.433* | 71,0<br>*2.795* | 15,0<br>*0.591* | 97,11<br>*3.823* | 13,1<br>*0.516* | 11.00X9.00 | 3 | DIN374 | 6HX | C |
| MTH-M14X1.25ISO6HX-BC-P011 | 03000052 | MF14X1.25 | 1,25 | 11,0<br>*0.433* | 71,0<br>*2.795* | 15,0<br>*0.591* | 96,5625<br>*3.802* | 12,8<br>*0.504* | 11.00X9.00 | 3 | DIN374 | 6HX | C |
| MTH-M14X1.50ISO6HX-BC-P011 | 03000053 | MF14X1.5 | 1,5 | 11,0<br>*0.433* | 71,0<br>*2.795* | 15,0<br>*0.591* | 95,875<br>*3.775* | 12,6<br>*0.496* | 11.00X9.00 | 3 | DIN374 | 6HX | C |
| MTH-M16X1.00ISO6HX-BC-P011 | 03000054 | MF16X1.0 | 1,0 | 12,0<br>*0.472* | 58,0<br>*2.283* | 15,0<br>*0.591* | 97,25<br>*3.829* | 15,1<br>*0.594* | 12.00X9.00 | 4 | DIN374 | 6HX | C |
| MTH-M16X1.50ISO6HX-BC-P011 | 03000055 | MF16X1.5 | 1,5 | 12,0<br>*0.472* | 58,0<br>*2.283* | 15,0<br>*0.591* | 95,875<br>*3.775* | 14,6<br>*0.575* | 12.00X9.00 | 4 | DIN374 | 6HX | C |
| MTH-M18X1.00ISO6HX-BC-P011 | 03000056 | MF18X1.0 | 1,0 | 14,0<br>*0.551* | 66,0<br>*2.598* | 17,0<br>*0.669* | 105,875<br>*4.168* | 17,1<br>*0.673* | 14.00X11.00 | 4 | DIN374 | 6HX | C |
| MTH-M18X1.50ISO6HX-BC-P011 | 03000057 | MF18X1.5 | 1,5 | 14,0<br>*0.551* | 66,0<br>*2.598* | 17,0<br>*0.669* | 105,71<br>*4.162* | 16,6<br>*0.654* | 14.00X11.00 | 4 | DIN374 | 6HX | C |
| MTH-M20X1.00ISO6HX-BC-P011 | 03000058 | MF20X1.0 | 1,0 | 16,0<br>*0.630* | 80,0<br>*3.150* | 17,0<br>*0.669* | 122,25<br>*4.813* | 19,1<br>*0.752* | 16.00X12.00 | 4 | DIN374 | 6HX | C |
| MTH-M20X1.50ISO6HX-BC-P011 | 03000059 | MF20X1.5 | 1,5 | 16,0<br>*0.630* | 80,0<br>*3.150* | 17,0<br>*0.669* | 120,875<br>*4.759* | 18,6<br>*0.732* | 16.00X12.00 | 4 | DIN374 | 6HX | C |
| MTH-M22X1.50ISO6HX-BC-P011 | 03000060 | MF22X1.5 | 1,5 | 18,0<br>*0.709* | 78,0<br>*3.071* | 17,0<br>*0.669* | 120,875<br>*4.759* | 20,5<br>*0.807* | 18.00X14.50 | 4 | DIN374 | 6HX | C |
| MTH-M24X1.50ISO6HX-BC-P011 | 03000061 | MF24X1.5 | 1,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 20,0<br>*0.787* | 135,875<br>*5.349* | 22,5<br>*0.886* | 18.00X14.50 | 4 | DIN374 | 6HX | C |
| MTH-M24X2.00ISO6HX-BC-P011 | 03000062 | MF24X2.0 | 2,0 | 18,0<br>*0.709* | 93,0<br>*3.661* | 20,0<br>*0.787* | 134,7<br>*5.303* | 22,0<br>*0.866* | 18.00X14.50 | 4 | DIN374 | 6HX | C |
| MTH-M25X1.50ISO6HX-BC-P011 | 03000063 | MF25X1.5 | 1,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 20,0<br>*0.787* | 135,7<br>*5.343* | 23,5<br>*0.925* | 18.00X14.50 | 4 | DIN374 | 6HX | C |
| MTH-M26X1.50ISO6HX-BC-P011 | 03000064 | MF26X1.5 | 1,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 20,0<br>*0.787* | 135,7<br>*5.343* | 24,5<br>*0.965* | 18.00X14.50 | 4 | DIN374 | 6HX | C |

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M27X1.50ISO6HX-BC-P011 | 03000065 | MF27X1.5 | 1,5 | 20,0<br>*0.787* | 77,0<br>*3.031* | 20,0<br>*0.787* | 135,875<br>*5.349* | 25,5<br>*1.004* | 20.00X16.00 | 4 | DIN374 | 6HX | C |
| MTH-M27X2.00ISO6HX-BC-P011 | 03000066 | MF27X2.0 | 2,0 | 20,0<br>*0.787* | 77,0<br>*3.031* | 20,0<br>*0.787* | 134,73<br>*5.304* | 25,0<br>*0.984* | 20.00X16.00 | 4 | DIN374 | 6HX | C |
| MTH-M28X1.50ISO6HX-BC-P011 | 03000067 | MF28X1.5 | 1,5 | 20,0<br>*0.787* | 77,0<br>*3.031* | 20,0<br>*0.787* | 135,72<br>*5.343* | 26,5<br>*1.043* | 20.00X16.00 | 4 | DIN374 | 6HX | C |
| MTH-M30X1.50ISO6HX-BC-P011 | 03000068 | MF30X1.5 | 1,5 | 22,0<br>*0.866* | 85,0<br>*3.346* | 20,0<br>*0.787* | 150,0<br>*5.906* | 28,5<br>*1.122* | 22.00X18.00 | 4 | DIN374 | 6HX | C |
| MTH-M30X2.00ISO6HX-BC-P011 | 03000069 | MF30X2.0 | 2,0 | 22,0<br>*0.866* | 85,0<br>*3.346* | 20,0<br>*0.787* | 144,73<br>*5.698* | 28,0<br>*1.102* | 22.00X18.00 | 4 | DIN374 | 6HX | C |

## MTH-M003

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

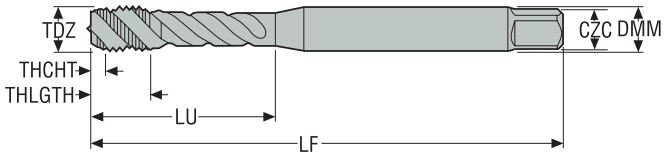
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M1.6X0.35ISO6H-BC-M003 | 03000106 | M1.6 | 0,35 | 2,5<br>*0.098* | 6,0<br>*0.236* | 4,0<br>*0.157* | 39,21<br>*1.544* | 1,3<br>*0.051* | 2.50X2.10 | 2 | DIN371 | 6H | C |
| MTH-M2X0.40ISO6H-BC-M003 | 03000107 | M2 | 0,4 | 2,8<br>*0.110* | 9,0<br>*0.354* | 4,0<br>*0.157* | 44,2<br>*1.740* | 1,6<br>*0.063* | 2.80X2.10 | 3 | DIN371 | 6H | C |
| MTH-M2.5X0.45ISO6H-BC-M003 | 03000110 | M2.5 | 0,45 | 2,8<br>*0.110* | 12,5<br>*0.492* | 4,0<br>*0.157* | 49,32<br>*1.942* | 2,1<br>*0.083* | 2.80X2.10 | 3 | DIN371 | 6H | C |
| MTH-M3X0.50ISO6H-BC-M003 | 03000112 | M3 | 0,5 | 3,5<br>*0.138* | 18,0<br>*0.709* | 5,9<br>*0.232* | 54,625<br>*2.151* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6H | C |
| MTH-M3.5X0.60ISO6H-BC-M003 | 03000113 | M3.5 | 0,6 | 4,0<br>*0.157* | 20,0<br>*0.787* | 7,0<br>*0.276* | 54,35<br>*2.140* | 2,9<br>*0.114* | 4.00X3.00 | 3 | DIN371 | 6H | C |
| MTH-M4X0.70ISO6H-BC-M003 | 03000114 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 6,7<br>*0.264* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6H | C |
| MTH-M5X0.80ISO6H-BC-M003 | 03000115 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 7,7<br>*0.303* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M6X1.00ISO6H-BC-M003 | 03000116 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M7X1.00ISO6H-BC-M003 | 03000117 | M7 | 1,0 | 7,0<br>*0.276* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 6,1<br>*0.240* | 7.00X5.50 | 3 | DIN371 | 6H | C |
| MTH-M8X1.25ISO6H-BC-M003 | 03000118 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 11,6<br>*0.457* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | C |
| MTH-M10X1.50ISO6H-BC-M003 | 03000119 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 15,1<br>*0.594* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | C |

## MTH-M003-A

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

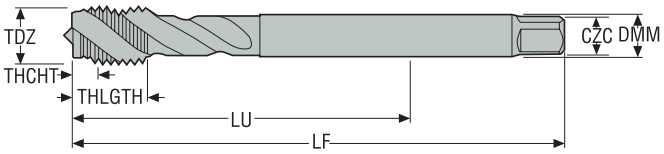
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M4X0.70ISO6H-BC-M003-A | 03000125 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 6,7<br>*0.264* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6H | C |
| MTH-M5X0.80ISO6H-BC-M003-A | 03000126 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 7,7<br>*0.303* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M6X1.00ISO6H-BC-M003-A | 03000127 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 10,0<br>*0.394* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M8X1.25ISO6H-BC-M003-A | 03000129 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 11,6<br>*0.457* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | C |
| MTH-M10X1.50ISO6H-BC-M003-A | 03000130 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 15,1<br>*0.594* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | C |

## MTH-M004

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

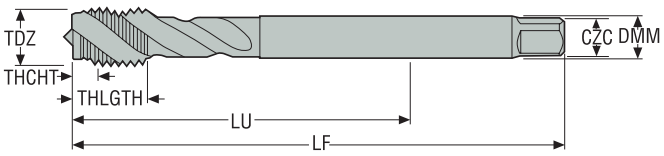
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6H-BC-M004 | 03000120 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,1875<br>*4.141* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6H | C |
| MTH-M14X2.00ISO6H-BC-M004 | 03000121 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 104,5<br>*4.114* | 12,1<br>*0.476* | 11.00X9.00 | 3 | DIN376 | 6H | C |
| MTH-M16X2.00ISO6H-BC-M004 | 03000122 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 20,0<br>*0.787* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | C |
| MTH-M18X2.50ISO6H-BC-M004 | 03000123 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 25,0<br>*0.984* | 118,125<br>*4.651* | 15,7<br>*0.618* | 14.00X11.00 | 4 | DIN376 | 6H | C |
| MTH-M20X2.50ISO6H-BC-M004 | 03000124 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 25,0<br>*0.984* | 133,125<br>*5.241* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6H | C |

## MTH-M004-A

Găuri înfundate – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E
—Acoperirea: TiCN
—Regimuri de așchiere, vezi pagina(paginile) 266

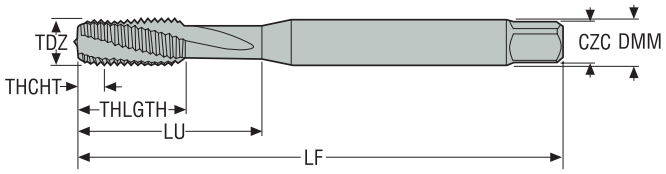
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6H-BC-M004-A | 03000131 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,1875<br>*4.141* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6H | C |
| MTH-M14X2.00ISO6H-BC-M004-A | 03000132 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 105,63<br>*4.159* | 12,1<br>*0.476* | 11.00X9.00 | 3 | DIN376 | 6H | C |
| MTH-M16X2.00ISO6H-BC-M004-A | 03000133 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 20,0<br>*0.787* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6H | C |
| MTH-M18X2.50ISO6H-BC-M004-A | 03000134 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 25,0<br>*0.984* | 119,42<br>*4.702* | 15,7<br>*0.618* | 14.00X11.00 | 4 | DIN376 | 6H | C |
| MTH-M20X2.50ISO6H-BC-M004-A | 03000135 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 25,0<br>*0.984* | 134,43<br>*5.293* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6H | C |

## MTH-N001

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

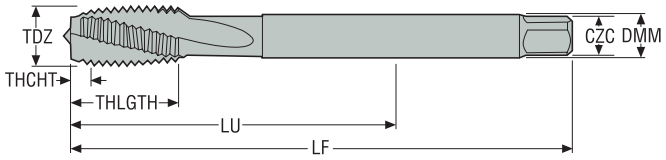
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M3X0.50ISO6H-BC-N001 | 03000153 | M3 | 0,5 | 3,5<br>*0.138* | 18,0<br>*0.709* | 9,0<br>*0.354* | 54,625<br>*2.151* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6H | C |
| MTH-M4X0.70ISO6H-BC-N001 | 03000154 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 12,0<br>*0.472* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6H | C |
| MTH-M5X0.80ISO6H-BC-N001 | 03000155 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 13,0<br>*0.512* | 68,2<br>*2.685* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M6X1.00ISO6H-BC-N001 | 03000156 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 15,0<br>*0.591* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6H | C |
| MTH-M8X1.25ISO6H-BC-N001 | 03000157 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 18,0<br>*0.709* | 87,0<br>*3.425* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6H | C |
| MTH-M10X1.50ISO6H-BC-N001 | 03000158 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 20,0<br>*0.787* | 96,3<br>*3.791* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6H | C |

## MTH-N002

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: BRIGHT
—Regimuri de așchiere, vezi pagina(paginile) 268

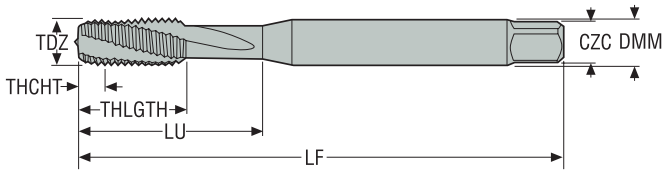
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6H-BC-N002 | 03000159 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,25<br>*4.144* | 10,4<br>*0.409* | 9.00X7.00 | 3 | DIN376 | 6H | C |
| MTH-M14X2.00ISO6H-BC-N002 | 03000160 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 104,6<br>*4.118* | 12,1<br>*0.476* | 11.00X9.00 | 3 | DIN376 | 6H | C |
| MTH-M16X2.00ISO6H-BC-N002 | 03000161 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 3 | DIN376 | 6H | C |

## MTH-S001

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

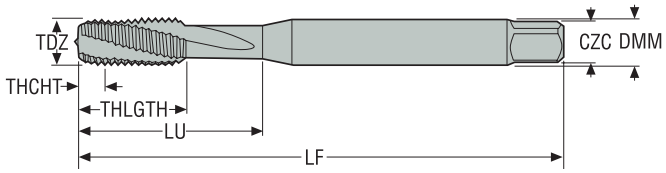
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M3X0.50ISO6HX-BC-S001 | 10001105 | M3 | 0,5 | 3,5<br>*0.138* | 8,0<br>*0.315* | 8,0<br>*0.315* | 54,75<br>*2.156* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6HX | C |
| MTH-M4X0.70ISO6HX-BC-S001 | 10001106 | M4 | 0,7 | 4,5<br>*0.177* | 10,5<br>*0.413* | 10,5<br>*0.413* | 61,25<br>*2.411* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | C |
| MTH-M5X0.80ISO6HX-BC-S001 | 10001107 | M5 | 0,8 | 6,0<br>*0.236* | 13,0<br>*0.512* | 13,0<br>*0.512* | 68,0<br>*2.677* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-S001 | 10001108 | M6 | 1,0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 77,5<br>*3.051* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-S001 | 10001109 | M8 | 1,25 | 8,0<br>*0.315* | 20,5<br>*0.807* | 20,5<br>*0.807* | 86,87<br>*3.420* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-S001 | 10001110 | M10 | 1,5 | 10,0<br>*0.394* | 25,5<br>*1.004* | 25,5<br>*1.004* | 96,25<br>*3.789* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | C |

## MTH-S002

Găuri înfundate – Fileturi metrice rare





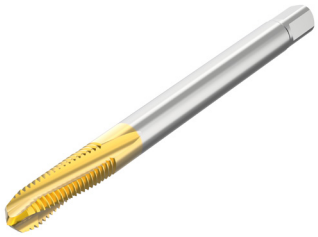

—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

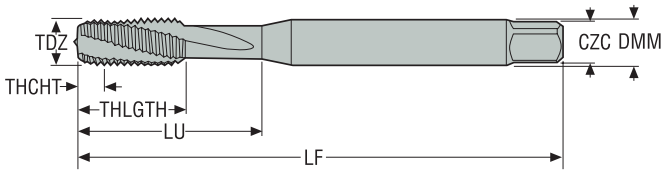
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6HX-BC-S002 | 10001111 | M12 | 1,75 | 12,0<br>*0.472* | 30,5<br>*1.201* | 30,5<br>*1.201* | 105,09<br>*4.137* | 10,4<br>*0.409* | 12.00X9.00 | 4 | DIN371 | 6HX | C |
| MTH-M16X2.00ISO6HX-BC-S002 | 10001112 | M16 | 2,0 | 16,0<br>*0.630* | 39,5<br>*1.555* | 39,5<br>*1.555* | 104,4<br>*4.110* | 14,1<br>*0.555* | 16.00X12.00 | 4 | DIN371 | 6HX | C |

## MTH-S003

Găuri înfundate – Fileturi metrice rare





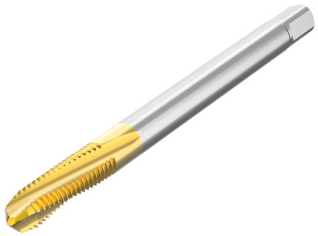

—Substrat: HSS-E-PM
—Acoperirea: TiN
—Regimuri de așchiere, vezi pagina(paginile) 270

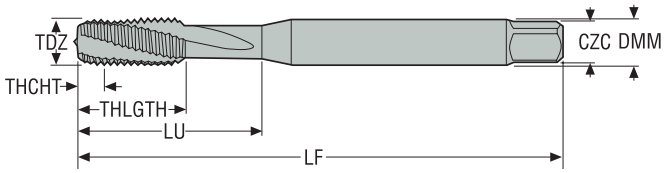
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M3X0.50ISO6HX-BC-S003 | 10001073 | M3 | 0,5 | 3,5<br>*0.138* | 8,0<br>*0.315* | 8,0<br>*0.315* | 54,75<br>*2.156* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6HX | C |
| MTH-M4X0.70ISO6HX-BC-S003 | 10001074 | M4 | 0,7 | 4,5<br>*0.177* | 10,5<br>*0.413* | 10,5<br>*0.413* | 61,25<br>*2.411* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | C |
| MTH-M5X0.80ISO6HX-BC-S003 | 10001075 | M5 | 0,8 | 6,0<br>*0.236* | 13,0<br>*0.512* | 13,0<br>*0.512* | 68,0<br>*2.677* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-S003 | 10001076 | M6 | 1,0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 77,5<br>*3.051* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-S003 | 10001077 | M8 | 1,25 | 8,0<br>*0.315* | 20,5<br>*0.807* | 20,5<br>*0.807* | 86,87<br>*3.420* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-S003 | 10001078 | M10 | 1,5 | 10,0<br>*0.394* | 25,5<br>*1.004* | 25,5<br>*1.004* | 96,25<br>*3.789* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | C |

## MTH-S004

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: TiN
—Regimuri de așchiere, vezi pagina(paginile) 270

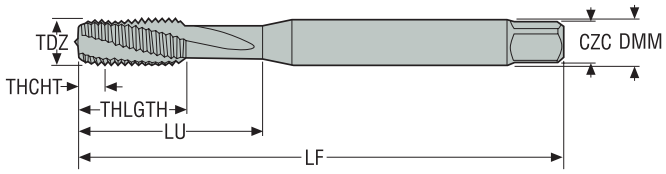
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6HX-BC-S004 | 10001079 | M12 | 1,75 | 12,0<br>*0.472* | 30,5<br>*1.201* | 30,5<br>*1.201* | 105,09<br>*4.137* | 10,4<br>*0.409* | 12.00X9.00 | 4 | DIN371 | 6HX | C |
| MTH-M16X2.00ISO6HX-BC-S004 | 10001080 | M16 | 2,0 | 16,0<br>*0.630* | 39,5<br>*1.555* | 39,5<br>*1.555* | 104,4<br>*4.110* | 14,1<br>*0.555* | 16.00X12.00 | 4 | DIN371 | 6HX | C |

## MTH-S011

Găuri înfundate – Fileturi MF






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

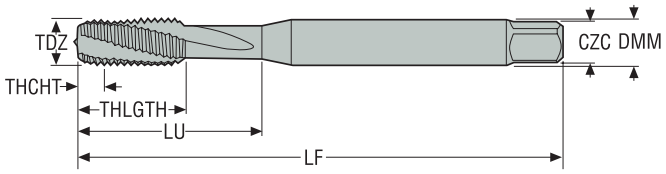
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M8X1.00ISO6HX-BC-S011 | 10001082 | MF8X1.0 | 1,0 | 8,0<br>*0.315* | 20,0<br>*0.787* | 20,0<br>*0.787* | 87,5<br>*3.445* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.00ISO6HX-BC-S011 | 10001083 | MF10X1.0 | 1,0 | 10,0<br>*0.394* | 24,0<br>*0.945* | 24,0<br>*0.945* | 87,5<br>*3.445* | 9,0<br>*0.354* | 10.00X8.00 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.25ISO6HX-BC-S011 | 10001084 | MF10X1.25 | 1,25 | 10,0<br>*0.394* | 24,5<br>*0.965* | 24,5<br>*0.965* | 96,87<br>*3.814* | 8,75<br>*0.344* | 10.00X8.00 | 3 | DIN371 | 6HX | C |
| MTH-M12X1.25ISO6HX-BC-S011 | 10001085 | MF12X1.25 | 1,25 | 12,0<br>*0.472* | 28,5<br>*1.122* | 28,5<br>*1.122* | 96,49<br>*3.799* | 10,75<br>*0.423* | 12.00X9.00 | 4 | DIN371 | 6HX | C |
| MTH-M12X1.50ISO6HX-BC-S011 | 10001086 | MF12X1.5 | 1,5 | 12,0<br>*0.472* | 29,5<br>*1.161* | 29,5<br>*1.161* | 95,8<br>*3.772* | 10,5<br>*0.413* | 12.00X9.00 | 4 | DIN371 | 6HX | C |

## MTH-S012

Găuri înfundate – Fileturi MJ






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

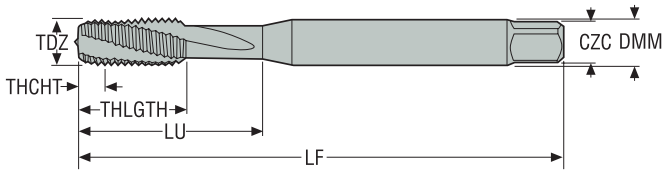
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-MJ3X0.50ISO4H-BC-S012 | 10001069 | MJ3X0.5 | 0,5 | 3,5<br>*0.138* | 8,0<br>*0.315* | 8,0<br>*0.315* | 54,75<br>*2.156* | 2,6<br>*0.102* | 3.50X2.70 | 3 | DIN371 | 4H | C |
| MTH-MJ4X0.70ISO4H-BC-S012 | 10001070 | MJ4X0.7 | 0,7 | 4,5<br>*0.177* | 10,5<br>*0.413* | 10,5<br>*0.413* | 61,25<br>*2.411* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 4H | C |
| MTH-MJ5X0.80ISO4H-BC-S012 | 10001071 | MJ5X0.8 | 0,8 | 6,0<br>*0.236* | 13,0<br>*0.512* | 13,0<br>*0.512* | 68,0<br>*2.677* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 4H | C |
| MTH-MJ6X1.00ISO4H-BC-S012 | 10001072 | MJ6X1 | 1,0 | 6,0<br>*0.236* | 15,5<br>*0.610* | 15,5<br>*0.610* | 77,5<br>*3.051* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 4H | C |

## MTH-S031

Găuri înfundate – Fileturi UNC






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

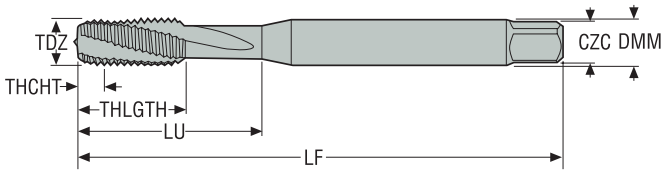
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-2-56UNC2B-BC-S031 | 10001113 | UNC2-56 | 56.0 | 2,8<br>*0.110* | 9,0<br>*0.354* | 9,0<br>*0.354* | 43,87<br>*1.727* | 1,85<br>*0.073* | 2.80X2.10 | 3 | DIN2184-1 | 2B | C |
| MTH-3-48UNC2B-BC-S031 | 10001114 | UNC3-48 | 48.0 | 2,8<br>*0.110* | 9,0<br>*0.354* | 9,0<br>*0.354* | 48,68<br>*1.917* | 2,1<br>*0.083* | 2.80X2.10 | 3 | DIN2184-1 | 2B | C |
| MTH-4-40UNC2B-BC-S031 | 10001115 | UNC4-40 | 40.0 | 3,5<br>*0.138* | 10,0<br>*0.394* | 10,0<br>*0.394* | 54,41<br>*2.142* | 2,35<br>*0.093* | 3.50X2.70 | 3 | DIN2184-1 | 2B | C |
| MTH-6-32UNC2B-BC-S031 | 10001116 | UNC6-32 | 32.0 | 4,0<br>*0.157* | 12,0<br>*0.472* | 12,0<br>*0.472* | 54,02<br>*2.127* | 2,85<br>*0.112* | 4.00X3.00 | 3 | DIN2184-1 | 2B | C |
| MTH-8-32UNC2B-BC-S031 | 10001117 | UNC8-32 | 32.0 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 61,02<br>*2.402* | 3,5<br>*0.138* | 4.50X3.40 | 3 | DIN2184-1 | 2B | C |
| MTH-10-24UNC2B-BC-S031 | 10001119 | UNC10-24 | 24.0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 67,35<br>*2.652* | 3,9<br>*0.154* | 6.00X4.90 | 3 | DIN2184-1 | 2B | C |
| MTH-1/4-20UNC2B-BC-S031 | 10001120 | UNC1/4-20 | 20.0 | 7,0<br>*0.276* | 15,0<br>*0.591* | 15,0<br>*0.591* | 76,44<br>*3.009* | 5,1<br>*0.201* | 7.00X5.50 | 3 | DIN2184-1 | 2B | C |
| MTH-5/16-18UNC2B-BC-S031 | 10001122 | UNC5/16-18 | 18.0 | 8,0<br>*0.315* | 18,0<br>*0.709* | 18,0<br>*0.709* | 86,05<br>*3.388* | 6,6<br>*0.260* | 8.00X6.20 | 3 | DIN2184-1 | 2B | C |
| MTH-3/8-16UNC2B-BC-S031 | 10001121 | UNC3/8-16 | 16.0 | 10,0<br>*0.394* | 20,0<br>*0.787* | 20,0<br>*0.787* | 95,55<br>*3.762* | 8,0<br>*0.315* | 10.00X8.00 | 4 | DIN2184-1 | 2B | C |

## MTH-S032

Găuri înfundate – Fileturi UNJC






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 270

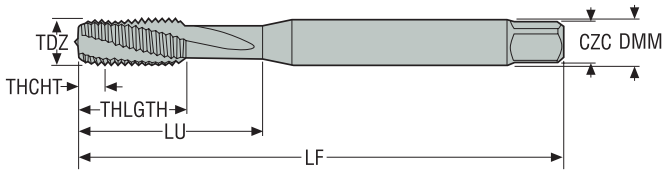
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-4-40UNJC3B-BC-S032 | 10001087 | UNJC4-40 | 40.0 | 3,5<br>*0.138* | 8,0<br>*0.315* | 8,0<br>*0.315* | 54,41<br>*2.142* | 2,3<br>*0.091* | 3.50X2.70 | 3 | DIN2184-1 | 3B | C |
| MTH-6-32UNJC3B-BC-S032 | 10001088 | UNJC6-32 | 32.0 | 4,0<br>*0.157* | 10,0<br>*0.394* | 10,0<br>*0.394* | 54,02<br>*2.127* | 2,8<br>*0.110* | 4.00X3.00 | 3 | DIN2184-1 | 3B | C |
| MTH-8-32UNJC3B-BC-S032 | 10001089 | UNJC8-32 | 32.0 | 4,5<br>*0.177* | 11,0<br>*0.433* | 11,0<br>*0.433* | 61,02<br>*2.402* | 3,5<br>*0.138* | 4.50X3.40 | 3 | DIN2184-1 | 3B | C |
| MTH-10-24UNJC3B-BC-S032 | 10001090 | UNJC10-24 | 24.0 | 6,0<br>*0.236* | 13,5<br>*0.531* | 13,5<br>*0.531* | 67,35<br>*2.652* | 3,9<br>*0.154* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-20UNJC3B-BC-S032 | 10001091 | UNJC1/4-20 | 20.0 | 7,0<br>*0.276* | 17,5<br>*0.689* | 17,5<br>*0.689* | 76,82<br>*3.024* | 5,2<br>*0.205* | 7.00X5.50 | 3 | DIN2184-1 | 3B | C |
| MTH-5/16-18UNJC3B-BC-S032 | 10001093 | UNJC5/16-18 | 18.0 | 8,0<br>*0.315* | 21,0<br>*0.827* | 21,0<br>*0.827* | 86,47<br>*3.404* | 6,7<br>*0.264* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-16UNJC3B-BC-S032 | 10001092 | UNJC3/8-16 | 16.0 | 10,0<br>*0.394* | 25,0<br>*0.984* | 25,0<br>*0.984* | 96,03<br>*3.781* | 8,1<br>*0.319* | 10.00X8.00 | 3 | DIN2184-1 | 3B | C |

## MTH-S041

Găuri înfundate – Fileturi UNF






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 272

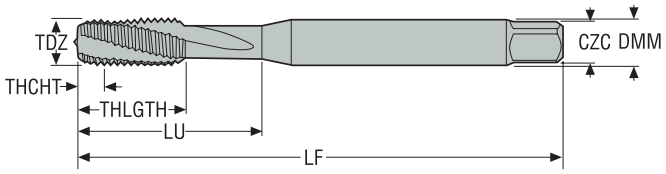
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-6-40UNF3B-BC-S041 | 10001123 | UNF6-40 | 40.0 | 4,0<br>*0.157* | 12,0<br>*0.472* | 12,0<br>*0.472* | 54,41<br>*2.142* | 2,95<br>*0.116* | 4.00X3.00 | 3 | DIN2184-1 | 3B | C |
| MTH-8-36UNF3B-BC-S041 | 10001126 | UNF8-36 | 36.0 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 61,24<br>*2.411* | 3,5<br>*0.138* | 4.50X3.40 | 3 | DIN2184-1 | 3B | C |
| MTH-10-32UNF3B-BC-S041 | 10001127 | UNF10-32 | 32.0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 68,02<br>*2.678* | 4,1<br>*0.161* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-12-28UNF3B-BC-S041 | 10001129 | UNF12-28 | 28.0 | 6,0<br>*0.236* | 15,0<br>*0.591* | 15,0<br>*0.591* | 77,46<br>*3.050* | 4,6<br>*0.181* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-28UNF3B-BC-S041 | 10001130 | UNF1/4-28 | 28.0 | 7,0<br>*0.276* | 25,0<br>*0.984* | 15,0<br>*0.591* | 77,46<br>*3.050* | 5,5<br>*0.217* | 7.00X5.50 | 3 | DIN2184-1 | 3B | C |
| MTH-5/16-24UNF3B-BC-S041 | 10001133 | UNF5/16-24 | 24.0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 87,03<br>*3.426* | 6,9<br>*0.272* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-24UNF3B-BC-S041 | 10001131 | UNF3/8-24 | 24.0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 97,03<br>*3.820* | 8,5<br>*0.335* | 10.00X8.00 | 4 | DIN2184-1 | 3B | C |

## MTH-S042

Găuri înfundate – Fileturi UNJF






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 272

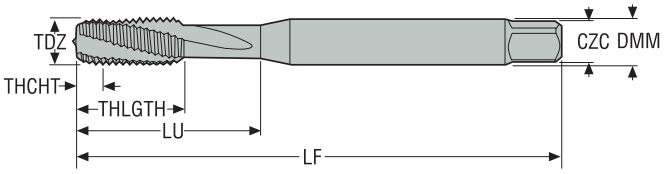
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-6-40UNJF3B-BC-S042 | 10001094 | UNJF6-40 | 40.0 | 4,0<br>*0.157* | 9,5<br>*0.374* | 9,5<br>*0.374* | 54,41<br>*2.142* | 2,95<br>*0.116* | 4.00X3.00 | 3 | DIN2184-1 | 3B | C |
| MTH-8-36UNJF3B-BC-S042 | 10001095 | UNJF8-36 | 36.0 | 4,5<br>*0.177* | 11,0<br>*0.433* | 11,0<br>*0.433* | 61,24<br>*2.411* | 3,6<br>*0.142* | 4.50X3.40 | 3 | DIN2184-1 | 3B | C |
| MTH-10-32UNJF3B-BC-S042 | 10001097 | UNJF10-32 | 32.0 | 6,0<br>*0.236* | 12,5<br>*0.492* | 12,5<br>*0.492* | 68,02<br>*2.678* | 4,15<br>*0.163* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-28UNJF3B-BC-S042 | 10001098 | UNJF1/4-28 | 28.0 | 7,0<br>*0.276* | 16,0<br>*0.630* | 16,0<br>*0.630* | 77,73<br>*3.060* | 5,6<br>*0.220* | 7.00X5.50 | 3 | DIN2184-1 | 3B | C |
| MTH-5/16-24UNJF3B-BC-S042 | 10001100 | UNJF5/16-24 | 24.0 | 8,0<br>*0.315* | 20,0<br>*0.787* | 20,0<br>*0.787* | 87,35<br>*3.439* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-24UNJF3B-BC-S042 | 10001099 | UNJF3/8-24 | 24.0 | 10,0<br>*0.394* | 23,0<br>*0.906* | 23,0<br>*0.906* | 97,35<br>*3.833* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN2184-1 | 3B | C |

## MTH-S043

Găuri înfundate – Fileturi EGUNF






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

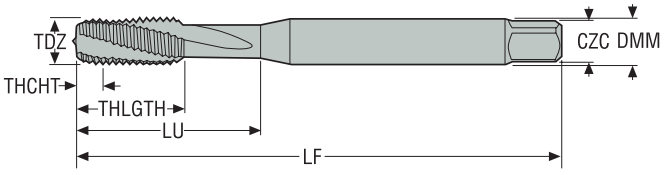
Max

| Reper Nr. | Număr reper | TDZ | TPIN | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | | | | | |
| MTH-10-32EGUNF3B-BC-S043<br>*MTH-10-32STIUNF3B-BC-S043* | 10001199 | EGUNF10-32 | 32,0 | 6,0<br>*0.236* | 23<br>*0.906* | 15,0<br>*0.591* | 77,8<br>*3.062* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-28EGUNF3B-BC-S043<br>*MTH-1/4-28STIUNF3B-BC-S043* | 10001200 | EGUNF1/4-28 | 28,0 | 8,0<br>*0.315* | 30<br>*1.161* | 18,0<br>*0.709* | 87,5<br>*3.443* | 6,6<br>*0.260* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-5/16-24EGUNF3B-BC-S043<br>*MTH-5/16-24STIUNF3B-BC-S043* | 10001201 | EGUNF5/16-24 | 24,0 | 10,0<br>*0.394* | 34<br>*1.319* | 20,0<br>*0.787* | 97,0<br>*3.820* | 8,2<br>*0.323* | 10.00X8.00 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-24EGUNF3B-BC-S043<br>*MTH-3/8-24STIUNF3B-BC-S043* | 10001202 | EGUNF3/8-24 | 24,0 | 8,0<br>*0.315* | 76<br>*2.992* | 20,0<br>*0.787* | 97,0<br>*3.820* | 9,8<br>*0.386* | 8.00X6.20 | 4 | DIN2184-1 | 3B | C |

## MTH-S044

Găuri înfundate – Fileturi EGUNF






—Substrat: HSS-E-PM
—Regimuri de așchiere, vezi pagina(paginile) 272

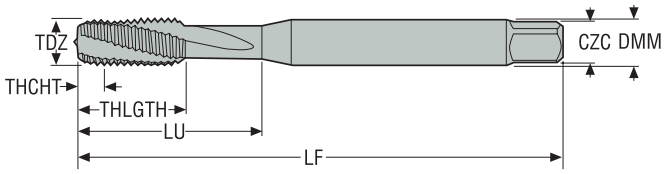
Max

| Reper Nr. | Număr reper | TDZ | TPIN | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | mm<br>*inci* | | | | | |
| MTH-10-32EGUNF3B-BC-S044<br>*MTH-10-32STIUNF3B-BC-S044* | 10001101 | EGUNF10-32 | 32,0 | 6,0<br>*0.236* | 15<br>*0.591* | 15,0<br>*0.591* | 78,0<br>*3.072* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-28EGUNF3B-BC-S044<br>*MTH-1/4-28STIUNF3B-BC-S044* | 10001102 | EGUNF1/4-28 | 28,0 | 8,0<br>*0.315* | 18<br>*0.709* | 18,0<br>*0.709* | 87,7<br>*3.454* | 6,6<br>*0.260* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-24EGUNF3B-BC-S044<br>*MTH-3/8-24STIUNF3B-BC-S044* | 10001103 | EGUNF3/8-24 | 24,0 | 11,0<br>*0.433* | 20<br>*0.787* | 20,0<br>*0.787* | 87,0<br>*3.426* | 9,8<br>*0.386* | 11.00X9.00 | 4 | DIN2184-1 | 3B | C |
| MTH-5/16-24EGUNF3B-BC-S044<br>*MTH-5/16-24STIUNF3B-BC-S044* | 10001104 | EGUNF5/16-24 | 24,0 | 10,0<br>*0.394* | 20<br>*0.787* | 20,0<br>*0.787* | 87,4<br>*3.439* | 8,2<br>*0.323* | 10.00X8.00 | 3 | DIN2184-1 | 3B | C |

## MTH-S101

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

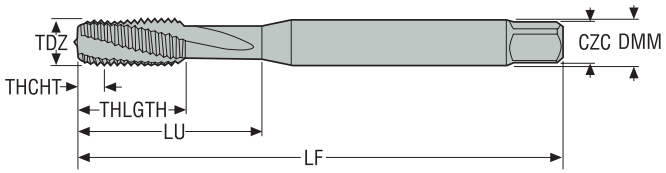
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M2X0.40ISO6HX-BC-S101 | 10001134 | M2 | 0,4 | 2,8<br>*0.110* | 8,0<br>*0.315* | 8,0<br>*0.315* | 44,0<br>*1.732* | 1,6<br>*0.063* | 2.80X2.10 | 3 | DIN371 | 6HX | C |
| MTH-M2.5X0.45ISO6HX-BC-S101 | 10001135 | M2.5 | 0,45 | 2,8<br>*0.110* | 9,0<br>*0.354* | 9,0<br>*0.354* | 48,87<br>*1.924* | 2,1<br>*0.083* | 2.80X2.10 | 3 | DIN371 | 6HX | C |
| MTH-M3X0.50ISO6HX-BC-S101 | 10001136 | M3 | 0,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 10,0<br>*0.394* | 54,75<br>*2.156* | 2,5<br>*0.098* | 3.50X2.70 | 3 | DIN371 | 6HX | C |
| MTH-M3.5X0.60ISO6HX-BC-S101 | 10001137 | M3.5 | 0,6 | 4,0<br>*0.157* | 12,0<br>*0.472* | 12,0<br>*0.472* | 54,5<br>*2.146* | 2,9<br>*0.114* | 4.00X3.00 | 3 | DIN371 | 6HX | C |
| MTH-M4X0.70ISO6HX-BC-S101 | 10001138 | M4 | 0,7 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 61,25<br>*2.411* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 6HX | C |
| MTH-M5X0.80ISO6HX-BC-S101 | 10001139 | M5 | 0,8 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 68,0<br>*2.677* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M6X1.00ISO6HX-BC-S101 | 10001140 | M6 | 1,0 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 77,2<br>*3.039* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.25ISO6HX-BC-S101 | 10001141 | M8 | 1,25 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 86,49<br>*3.405* | 6,8<br>*0.268* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.50ISO6HX-BC-S101 | 10001142 | M10 | 1,5 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 95,8<br>*3.772* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN371 | 6HX | C |

## MTH-S102

Găuri înfundate – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

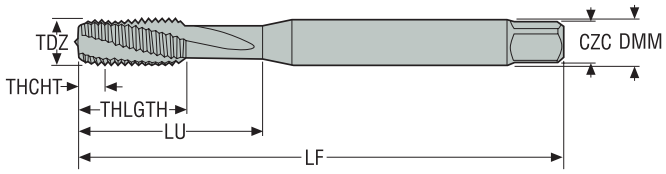
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M12X1.75ISO6HX-BC-S102 | 10001143 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,09<br>*4.137* | 10,4<br>*0.409* | 9.00X7.00 | 4 | DIN376 | 6HX | C |
| MTH-M16X2.00ISO6HX-BC-S102 | 10001145 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 104,4<br>*4.110* | 14,1<br>*0.555* | 12.00X9.00 | 4 | DIN376 | 6HX | C |
| MTH-M20X2.50ISO6HX-BC-S102 | 10001146 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 133,0<br>*5.236* | 17,7<br>*0.697* | 16.00X12.00 | 4 | DIN376 | 6HX | C |

## MTH-S111

Găuri înfundate – Fileturi MF






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

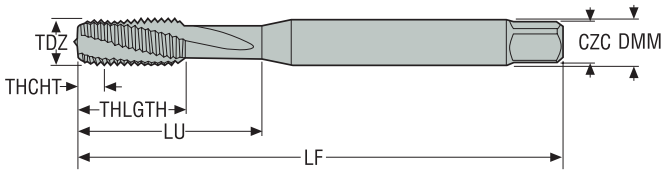
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-M6X0.75ISO6HX-BC-S111 | 10001147 | MF6X0.75 | 0,75 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 77,89<br>*3.067* | 5,25<br>*0.207* | 6.00X4.90 | 3 | DIN371 | 6HX | C |
| MTH-M8X0.75ISO6HX-BC-S111 | 10001148 | MF8X0.75 | 0,75 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 87,89<br>*3.460* | 7,25<br>*0.285* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M8X1.00ISO6HX-BC-S111 | 10001149 | MF8X1.0 | 1,0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 87,2<br>*3.433* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN371 | 6HX | C |
| MTH-M10X1.00ISO6HX-BC-S111 | 10001150 | MF10X1.0 | 1,0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 97,2<br>*3.827* | 9,0<br>*0.354* | 10.00X8.00 | 3 | DIN371 | 6HX | C |
| MTH-M12X1.50ISO6HX-BC-S111 | 10001151 | MF12X1.5 | 1,5 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 95,8<br>*3.772* | 10,5<br>*0.413* | 9.00X7.00 | 4 | DIN374 | 6HX | C |
| MTH-M14X1.50ISO6HX-BC-S111 | 10001152 | MF14X1.5 | 1,5 | 11,0<br>*0.433* | 71,0<br>*2.795* | 21,0<br>*0.827* | 95,8<br>*3.772* | 12,5<br>*0.492* | 11.00X9.00 | 4 | DIN374 | 6HX | C |

## MTH-S112

Găuri înfundate – Fileturi MJ






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

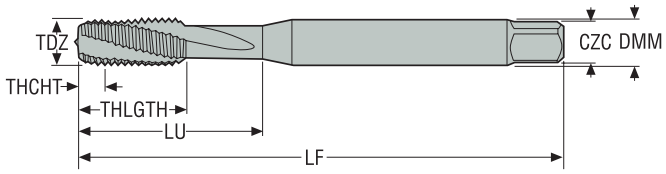
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-MJ3X0.50ISO4H-BC-S112 | 10001203 | MJ3X0.5 | 0,5 | 3,5<br>*0.138* | 10,0<br>*0.394* | 10,0<br>*0.394* | 54,75<br>*2.156* | 2,6<br>*0.102* | 3.50X2.70 | 3 | DIN371 | 4H | C |
| MTH-MJ4X0.70ISO4H-BC-S112 | 10001204 | MJ4X0.7 | 0,7 | 4,5<br>*0.177* | 13,0<br>*0.512* | 13,0<br>*0.512* | 61,25<br>*2.411* | 3,4<br>*0.134* | 4.50X3.40 | 3 | DIN371 | 4H | C |
| MTH-MJ5X0.80ISO4H-BC-S112 | 10001205 | MJ5X0.8 | 0,8 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 68,0<br>*2.677* | 4,3<br>*0.169* | 6.00X4.90 | 3 | DIN371 | 4H | C |
| MTH-MJ6X1.00ISO4H-BC-S112 | 10001206 | MJ6X1 | 1,0 | 6,0<br>*0.236* | 23,0<br>*0.906* | 15,0<br>*0.591* | 77,2<br>*3.039* | 5,1<br>*0.201* | 6.00X4.90 | 3 | DIN371 | 4H | C |
| MTH-MJ8X1.25ISO4H-BC-S112 | 10001207 | MJ8X1.25 | 1,25 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 86,49<br>*3.405* | 6,9<br>*0.272* | 8.00X6.20 | 3 | DIN371 | 4H | C |
| MTH-MJ10X1.5ISO4H-BC-S112 | 10001208 | MJ10X1.5 | 1,5 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 95,8<br>*3.772* | 8,7<br>*0.343* | 10.00X8.00 | 3 | DIN371 | 4H | C |

## MTH-S142

Găuri înfundate – Fileturi UNJF






—Substrat: HSS-E-PM
—Acoperirea: AlCrN
—Regimuri de așchiere, vezi pagina(paginile) 272

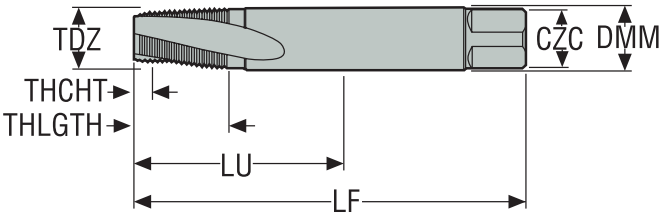
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-10-32UNJF3B-BC-S142 | 10001153 | UNJF10-32 | 32.0 | 6,0<br>*0.236* | 16,0<br>*0.630* | 16,0<br>*0.630* | 68,02<br>*2.678* | 4,15<br>*0.163* | 6.00X4.90 | 3 | DIN2184-1 | 3B | C |
| MTH-1/4-28UNJF3B-BC-S142 | 10001154 | UNJF1/4-28 | 28.0 | 7,0<br>*0.276* | 25,0<br>*0.984* | 15,0<br>*0.591* | 77,73<br>*3.060* | 5,6<br>*0.220* | 7.00X5.50 | 3 | DIN2184-1 | 3B | C |
| MTH-5/16-24UNJF3B-BC-S142 | 10001155 | UNJF5/16-24 | 24.0 | 8,0<br>*0.315* | 29,5<br>*1.161* | 18,0<br>*0.709* | 87,03<br>*3.426* | 7,0<br>*0.276* | 8.00X6.20 | 3 | DIN2184-1 | 3B | C |
| MTH-3/8-24UNJF3B-BC-S142 | 10001156 | UNJF3/8-24 | 24.0 | 10,0<br>*0.394* | 33,5<br>*1.319* | 20,0<br>*0.787* | 97,03<br>*3.820* | 8,6<br>*0.339* | 10.00X8.00 | 3 | DIN2184-1 | 3B | C |

## MTH-V048

Găuri înfundate – Fileturi NPT






—Substrat: HSS-E
—Vaporizat
—Regimuri de așchiere, vezi pagina(paginile) 278

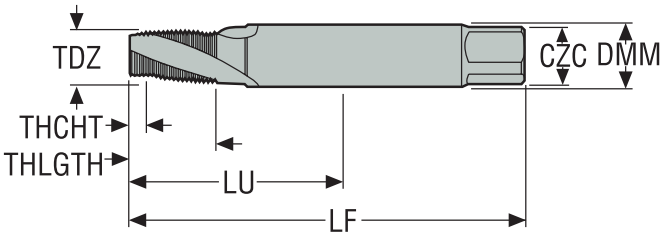
Core

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-1/16-27NPT-XC-V048 | 02880750 | NPT1/16-27 | 27.0 | 7,95<br>*0.313* | 56,0<br>*2.205* | 14,0<br>*0.551* | 80,0<br>*3.150* | 6,15<br>*0.242* | 7.95X5.94 | 3 | DIN/ANSI | NORMAL | C |
| MTH-1/8-27NPT-XC-V048 | 02880751 | NPT1/8-27 | 27.0 | 11,1<br>*0.437* | 64,0<br>*2.520* | 14,0<br>*0.551* | 90,0<br>*3.543* | 8,4<br>*0.331* | 11.10X8.33 | 4 | DIN/ANSI | NORMAL | C |
| MTH-1/4-18NPT-XC-V048 | 02880752 | NPT1/4-18 | 18.0 | 14,27<br>*0.562* | 59,0<br>*2.323* | 20,0<br>*0.787* | 100,0<br>*3.937* | 11,1<br>*0.437* | 14.27X10.69 | 4 | DIN/ANSI | NORMAL | C |
| MTH-3/8-18NPT-XC-V048 | 02880753 | NPT3/8-18 | 18.0 | 17,78<br>*0.700* | 67,0<br>*2.638* | 20,0<br>*0.787* | 110,0<br>*4.331* | 14,3<br>*0.563* | 17.78X13.49 | 5 | DIN/ANSI | NORMAL | C |
| MTH-1/2-14NPT-XC-V048 | 02880754 | NPT1/2-14 | 14.0 | 17,45<br>*0.687* | 79,0<br>*3.110* | 26,0<br>*1.024* | 125,0<br>*4.921* | 17,9<br>*0.705* | 17.45X13.08 | 5 | DIN/ANSI | NORMAL | C |
| MTH-3/4-14NPT-XC-V048 | 02880755 | NPT3/4-14 | 14.0 | 23,01<br>*0.906* | 78,0<br>*3.071* | 26,0<br>*1.024* | 140,0<br>*5.512* | 23,2<br>*0.913* | 23.01X17.25 | 5 | DIN/ANSI | NORMAL | C |
| MTH-1-11.5NPT-XC-V048 | 02880756 | NPT1-11.5 | 11.5 | 28,58<br>*1.125* | 58,0<br>*2.283* | 31,0<br>*1.220* | 150,0<br>*5.906* | 29,0<br>*1.142* | 28.58X21.41 | 5 | DIN/ANSI | NORMAL | C |

## MTH-V050

Găuri înfundate – Fileturi NPTF






—Substrat: HSS-E
—Vaporizat
—Regimuri de așchiere, vezi pagina(paginile) 278

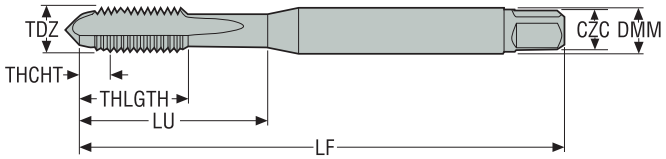
Core

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTH-1/16-27NPTF-XC-V050 | 02880757 | NPTF1/16-27 | 27.0 | 7,95<br>*0.313* | 56,0<br>*2.205* | 14,0<br>*0.551* | 80,0<br>*3.150* | 6,1<br>*0.240* | 7.95X5.94 | 3 | DIN/ANSI | NORMAL | C |
| MTH-1/8-27NPTF-XC-V050 | 02880758 | NPTF1/8-27 | 27.0 | 11,1<br>*0.437* | 64,0<br>*2.520* | 14,0<br>*0.551* | 90,0<br>*3.543* | 8,4<br>*0.331* | 11.10X8.33 | 4 | DIN/ANSI | NORMAL | C |
| MTH-1/4-18NPTF-XC-V050 | 02880759 | NPTF1/4-18 | 18.0 | 14,27<br>*0.562* | 59,0<br>*2.323* | 20,0<br>*0.787* | 100,0<br>*3.937* | 11,0<br>*0.433* | 14.27X10.69 | 4 | DIN/ANSI | NORMAL | C |
| MTH-3/8-18NPTF-XC-V050 | 02880760 | NPTF3/8-18 | 18.0 | 17,78<br>*0.700* | 67,0<br>*2.638* | 20,0<br>*0.787* | 110,0<br>*4.331* | 14,3<br>*0.563* | 17.78X13.49 | 5 | DIN/ANSI | NORMAL | C |
| MTH-1/2-14NPTF-XC-V050 | 02880761 | NPTF1/2-14 | 14.0 | 17,45<br>*0.687* | 79,0<br>*3.110* | 26,0<br>*1.024* | 125,0<br>*4.921* | 17,6<br>*0.693* | 17.45X13.08 | 5 | DIN/ANSI | NORMAL | C |
| MTH-3/4-14NPTF-XC-V050 | 02880762 | NPTF3/4-14 | 14.0 | 23,01<br>*0.906* | 78,0<br>*3.071* | 26,0<br>*1.024* | 140,0<br>*5.512* | 23,0<br>*0.906* | 23X17.25 | 5 | DIN/ANSI | NORMAL | C |

## MTS-K101

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

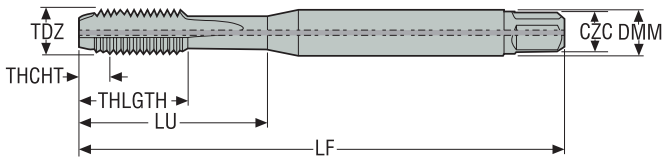
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-M3X0.50ISO6HX-XC-K101 | 03305497 | M3 | 0,5 | 3,5<br>*0.138* | 18,0<br>*0.709* | 9,0<br>*0.354* | 54,625<br>*2.151* | 2,5<br>*0.098* | 3.50X2.70 | 4 | DIN371 | 6HX | C |
| MTS-M4X0.70ISO6HX-XC-K101 | 03305498 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 12,0<br>*0.472* | 61,075<br>*2.405* | 3,4<br>*0.134* | 4.50X3.40 | 4 | DIN371 | 6HX | C |
| MTS-M5X0.80ISO6HX-XC-K101 | 03305499 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 13,0<br>*0.512* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 5 | DIN371 | 6HX | C |
| MTS-M6X1.00ISO6HX-XC-K101 | 03305500 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 15,0<br>*0.591* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 5 | DIN371 | 6HX | C |
| MTS-M8X1.25ISO6HX-XC-K101 | 03305501 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 18,0<br>*0.709* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 5 | DIN371 | 6HX | C |
| MTS-M10X1.50ISO6HX-XC-K101 | 03305502 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 20,0<br>*0.787* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 5 | DIN371 | 6HX | C |

## MTS-K101-A

Găuri înfundate și străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

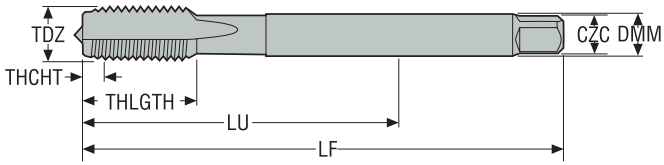
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-M4X0.70ISO6HX-XC-K101-A | 03305448 | M4 | 0,7 | 4,5<br>*0.177* | 21,0<br>*0.827* | 12,0<br>*0.472* | 61,07<br>*2.404* | 3,4<br>*0.134* | 4.50X3.40 | 4 | DIN371 | 6HX | C |
| MTS-M5X0.80ISO6HX-XC-K101-A | 03305450 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 13,0<br>*0.512* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 5 | DIN371 | 6HX | C |
| MTS-M5X0.80ISO6HX-XE-K101-A | 03305460 | M5 | 0,8 | 6,0<br>*0.236* | 25,0<br>*0.984* | 13,0<br>*0.512* | 67,8<br>*2.669* | 4,3<br>*0.169* | 6.00X4.90 | 5 | DIN371 | 6HX | E |
| MTS-M6X1.00ISO6HX-XC-K101-A | 03305451 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 15,0<br>*0.591* | 77,25<br>*3.041* | 5,1<br>*0.201* | 6.00X4.90 | 5 | DIN371 | 6HX | C |
| MTS-M6X1.00ISO6HX-XE-K101-A | 03305461 | M6 | 1,0 | 6,0<br>*0.236* | 30,0<br>*1.181* | 15,0<br>*0.591* | 78,25<br>*3.081* | 5,1<br>*0.201* | 6.00X4.90 | 5 | DIN371 | 6HX | E |
| MTS-M8X1.25ISO6HX-XC-K101-A | 03305452 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 18,0<br>*0.709* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 8.00X6.20 | 5 | DIN371 | 6HX | C |
| MTS-M8X1.25ISO6HX-XE-K101-A | 03305462 | M8 | 1,25 | 8,0<br>*0.315* | 35,0<br>*1.378* | 18,0<br>*0.709* | 87,8125<br>*3.457* | 6,8<br>*0.268* | 8.00X6.20 | 5 | DIN371 | 6HX | E |
| MTS-M10X1.50ISO6HX-XC-K101-A | 03305453 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 20,0<br>*0.787* | 95,875<br>*3.775* | 8,6<br>*0.339* | 10.00X8.00 | 5 | DIN371 | 6HX | C |
| MTS-M10X1.50ISO6HX-XE-K101-A | 03305463 | M10 | 1,5 | 10,0<br>*0.394* | 39,0<br>*1.535* | 20,0<br>*0.787* | 97,375<br>*3.834* | 8,6<br>*0.339* | 10.00X8.00 | 5 | DIN371 | 6HX | E |

## MTS-K102

Găuri înfundate și străpunse – Fileturi metrice rare






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

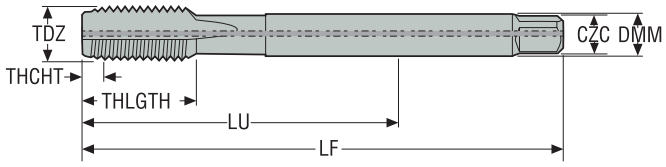
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-M8X1.25ISO6HX-XC-K102 | 03305503 | M8 | 1,25 | 6,0<br>*0.236* | 67,0<br>*2.638* | 20,0<br>*0.787* | 86,5625<br>*3.408* | 6,8<br>*0.268* | 6.00X4.90 | 5 | DIN376 | 6HX | C |
| MTS-M10X1.50ISO6HX-XC-K102 | 03305504 | M10 | 1,5 | 7,0<br>*0.276* | 77,0<br>*3.031* | 23,5<br>*0.925* | 95,875<br>*3.775* | 8,6<br>*0.339* | 7.00X5.50 | 5 | DIN376 | 6HX | C |
| MTS-M12X1.75ISO6HX-XC-K102 | 03305505 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,1875<br>*4.141* | 10,4<br>*0.409* | 9.00X7.00 | 5 | DIN376 | 6HX | C |
| MTS-M14X2.00ISO6HX-XC-K102 | 03305506 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 104,5<br>*4.114* | 12,1<br>*0.476* | 11.00X9.00 | 5 | DIN376 | 6HX | C |
| MTS-M16X2.00ISO6HX-XC-K102 | 03305507 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 5 | DIN376 | 6HX | C |
| MTS-M18X2.50ISO6HX-XC-K102 | 03305508 | M18 | 2,5 | 14,0<br>*0.551* | 81,0<br>*3.189* | 30,0<br>*1.181* | 118,125<br>*4.651* | 15,7<br>*0.618* | 14.00X11.00 | 5 | DIN376 | 6HX | C |
| MTS-M20X2.50ISO6HX-XC-K102 | 03305509 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 133,125<br>*5.241* | 17,7<br>*0.697* | 16.00X12.00 | 5 | DIN376 | 6HX | C |
| MTS-M22X2.50ISO6HX-XC-K102 | 03305510 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 34,0<br>*1.339* | 133,125<br>*5.241* | 19,7<br>*0.776* | 18.00X14.50 | 5 | DIN376 | 6HX | C |
| MTS-M24X3.00ISO6HX-XC-K102 | 03305511 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 38,0<br>*1.496* | 151,75<br>*5.974* | 21,0<br>*0.827* | 18.00X14.50 | 5 | DIN376 | 6HX | C |

## MTS-K102-A

Găuri înfundate și străpunse – Fileturi metrice rare






—Agent de răcire intern
—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

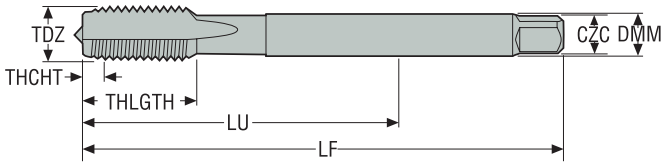
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-M12X1.75ISO6HX-XC-K102-A | 03305454 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 105,1875<br>*4.141* | 10,4<br>*0.409* | 9.00X7.00 | 5 | DIN376 | 6HX | C |
| MTS-M12X1.75ISO6HX-XE-K102-A | 03305464 | M12 | 1,75 | 9,0<br>*0.354* | 83,0<br>*3.268* | 23,0<br>*0.906* | 106,9375<br>*4.210* | 10,4<br>*0.409* | 9.00X7.00 | 5 | DIN376 | 6HX | E |
| MTS-M14X2.00ISO6HX-XC-K102-A | 03305455 | M14 | 2,0 | 11,0<br>*0.433* | 81,0<br>*3.189* | 25,0<br>*0.984* | 104,5<br>*4.114* | 12,1<br>*0.476* | 11.00X9.00 | 5 | DIN376 | 6HX | C |
| MTS-M16X2.00ISO6HX-XC-K102-A | 03305456 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 104,5<br>*4.114* | 14,1<br>*0.555* | 12.00X9.00 | 5 | DIN376 | 6HX | C |
| MTS-M16X2.00ISO6HX-XE-K102-A | 03305465 | M16 | 2,0 | 12,0<br>*0.472* | 68,0<br>*2.677* | 25,0<br>*0.984* | 106,5<br>*4.193* | 14,1<br>*0.555* | 12.00X9.00 | 5 | DIN376 | 6HX | E |
| MTS-M20X2.50ISO6HX-XC-K102-A | 03305457 | M20 | 2,5 | 16,0<br>*0.630* | 95,0<br>*3.740* | 30,0<br>*1.181* | 133,125<br>*5.241* | 17,7<br>*0.697* | 16.00X12.00 | 5 | DIN376 | 6HX | C |
| MTS-M22X2.50ISO6HX-XC-K102-A | 03305458 | M22 | 2,5 | 18,0<br>*0.709* | 93,0<br>*3.661* | 34,0<br>*1.339* | 133,125<br>*5.241* | 19,7<br>*0.776* | 18.00X14.50 | 5 | DIN376 | 6HX | C |
| MTS-M24X3.00ISO6HX-XC-K102-A | 03305459 | M24 | 3,0 | 18,0<br>*0.709* | 113,0<br>*4.449* | 38,0<br>*1.496* | 151,75<br>*5.974* | 21,0<br>*0.827* | 18.00X14.50 | 5 | DIN376 | 6HX | C |

## MTS-K111

Găuri înfundate și străpunse – Fileturi MF






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

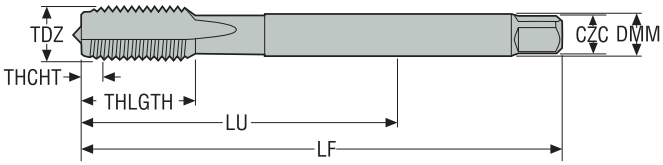
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-M10X1.00ISO6HX-XC-K111 | 03305466 | MF10X1.0 | 1,0 | 7,0<br>*0.276* | 67,0<br>*2.638* | 18,0<br>*0.709* | 87,25<br>*3.435* | 9,0<br>*0.354* | 7.00X5.50 | 5 | DIN374 | 6HX | C |
| MTS-M10X1.25ISO6HX-XC-K111 | 03305467 | MF10X1.25 | 1,25 | 7,0<br>*0.276* | 77,0<br>*3.031* | 20,0<br>*0.787* | 96,5625<br>*3.802* | 8,8<br>*0.346* | 7.00X5.50 | 5 | DIN374 | 6HX | C |
| MTS-M12X1.25ISO6HX-XC-K111 | 03305468 | MF12X1.25 | 1,25 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 96,5625<br>*3.802* | 10,75<br>*0.423* | 9.00X7.00 | 5 | DIN374 | 6HX | C |
| MTS-M12X1.50ISO6HX-XC-K111 | 03305469 | MF12X1.5 | 1,5 | 9,0<br>*0.354* | 73,0<br>*2.874* | 21,0<br>*0.827* | 95,875<br>*3.775* | 10,5<br>*0.413* | 9.00X7.00 | 5 | DIN374 | 6HX | C |
| MTS-M14X1.50ISO6HX-XC-K111 | 03305470 | MF14X1.5 | 1,5 | 11,0<br>*0.433* | 71,0<br>*2.795* | 21,0<br>*0.827* | 95,875<br>*3.775* | 12,5<br>*0.492* | 11.00X9.00 | 5 | DIN374 | 6HX | C |
| MTS-M16X1.50ISO6HX-XC-K111 | 03305471 | MF16X1.5 | 1,5 | 12,0<br>*0.472* | 58,0<br>*2.283* | 21,0<br>*0.827* | 95,875<br>*3.775* | 14,5<br>*0.571* | 12.00X9.00 | 5 | DIN374 | 6HX | C |
| MTS-M18X1.50ISO6HX-XC-K111 | 03305472 | MF18X1.5 | 1,5 | 14,0<br>*0.551* | 66,0<br>*2.598* | 24,0<br>*0.945* | 105,875<br>*4.168* | 16,5<br>*0.650* | 14.00X11.00 | 5 | DIN374 | 6HX | C |
| MTS-M20X1.50ISO6HX-XC-K111 | 03305473 | MF20X1.5 | 1,5 | 16,0<br>*0.630* | 80,0<br>*3.150* | 24,0<br>*0.945* | 120,875<br>*4.759* | 18,5<br>*0.728* | 16.00X12.00 | 5 | DIN374 | 6HX | C |

## MTS-K121

Găuri înfundate și străpunse – Fileturi G






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

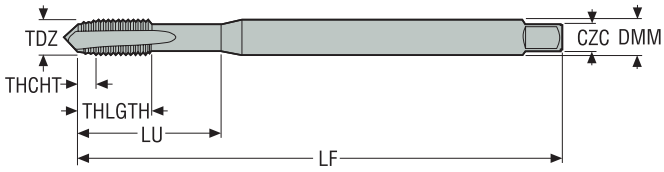
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-1/8-28G-XC-K121 | 03305474 | G1/8-28 | 28.0 | 7,0<br>*0.276* | 67,0<br>*2.638* | 13,0<br>*0.512* | 87,51<br>*3.445* | 8,8<br>*0.346* | 7.00X5.50 | 4 | DIN5156 | NORMAL-X | C |
| MTS-1/4-19G-XC-K121 | 03305475 | G1/4-19 | 19.0 | 11,0<br>*0.433* | 71,0<br>*2.795* | 15,0<br>*0.591* | 96,32<br>*3.792* | 11,8<br>*0.465* | 11.00X9.00 | 4 | DIN5156 | NORMAL-X | C |
| MTS-3/8-19G-XC-K121 | 03305476 | G3/8-19 | 19.0 | 12,0<br>*0.472* | 58,0<br>*2.283* | 21,0<br>*0.827* | 96,32<br>*3.792* | 15,25<br>*0.600* | 12.00X9.00 | 5 | DIN5156 | NORMAL-X | C |
| MTS-1/2-14G-XC-K121 | 03305477 | G1/2-14 | 14.0 | 16,0<br>*0.630* | 80,0<br>*3.150* | 21,0<br>*0.827* | 120,01<br>*4.725* | 19,0<br>*0.748* | 16.00X12.00 | 5 | DIN5156 | NORMAL-X | C |
| MTS-3/4-14G-XC-K121 | 03305478 | G3/4-14 | 14.0 | 20,0<br>*0.787* | 77,0<br>*3.031* | 21,0<br>*0.827* | 135,01<br>*5.315* | 24,5<br>*0.965* | 20.00X16.00 | 6 | DIN5156 | NORMAL-X | C |
| MTS-1-11G-XC-K121 | 03305479 | G1-11 | 11.0 | 25,0<br>*0.984* | 93,0<br>*3.661* | 27,0<br>*1.063* | 153,65<br>*6.049* | 30,75<br>*1.211* | 25.00X20.00 | 6 | DIN5156 | NORMAL-X | C |

## MTS-K131

Găuri înfundate și străpunse – Fileturi UNC






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

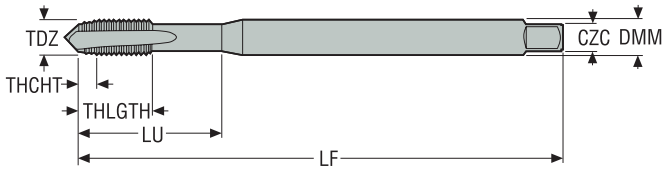
Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-1/4-20UNC-XC-K131 | 03305480 | UNC1/4-20 | 20.0 | 7,0<br>*0.276* | 25,0<br>*0.984* | 15,6<br>*0.614* | 76,50<br>*3.012* | 5,1<br>*0.201* | 8.25X5.5 | 5 | DIN2184-1 | 2BX | C |
| MTS-5/16-18UNC-XC-K131 | 03305481 | UNC5/16-18 | 18.0 | 8,0<br>*0.315* | 33,5<br>*1.319* | 18,7<br>*0.736* | 86,12<br>*3.391* | 6,6<br>*0.260* | 9.25X6.20 | 5 | DIN2184-1 | 2BX | C |
| MTS-3/8-16UNC-XC-K131 | 03305482 | UNC3/8-16 | 16.0 | 10,0<br>*0.394* | 38,0<br>*1.496* | 20,6<br>*0.811* | 95,63<br>*3.765* | 8,0<br>*0.315* | 11.25X8.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-7/16-14UNC-XC-K131 | 03305483 | UNC7/16-14 | 14.0 | 8,0<br>*0.315* | 72,7<br>*2.862* | 20,0<br>*0.787* | 95,01<br>*3.741* | 9,4<br>*0.370* | 9.25X6.20 | 5 | DIN2184-1 | 2BX | C |
| MTS-1/2-13UNC-XC-K131 | 03305484 | UNC1/2-13 | 13.0 | 9,0<br>*0.354* | 81,9<br>*3.224* | 23,0<br>*0.906* | 104,63<br>*4.119* | 10,8<br>*0.425* | 10.25X7.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-5/8-11UNC-XC-K131 | 03305485 | UNC5/8-11 | 11.0 | 12,0<br>*0.472* | 65,7<br>*2.587* | 23,0<br>*0.906* | 103,65<br>*4.081* | 13,5<br>*0.531* | 12.25X9.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-3/4-10UNC-XC-K131 | 03305486 | UNC3/4-10 | 10.0 | 14,0<br>*0.551* | 77,5<br>*3.051* | 30,0<br>*1.181* | 118,02<br>*4.646* | 16,5<br>*0.650* | 14.25X11.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-7/8-9UNC-XC-K131 | 03305487 | UNC7/8-9 | 9.0 | 18,0<br>*0.709* | 90,95<br>*3.581* | 34,0<br>*1.339* | 132,24<br>*5.206* | 19,5<br>*0.768* | 17.25X14.5 | 5 | DIN2184-1 | 2BX | C |

## MTS-K141

Găuri înfundate și străpunse – Fileturi UNF






—Substrat: HSS-E-PM
—Acoperirea: TiAlN
—Regimuri de așchiere, vezi pagina(paginile) 276

Max

| Reper Nr. | Număr reper | TDZ | Pas | DMM | LU | THLGTH | LF | PHDR | CZC | NOF | BSG | TCTR | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TPI | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | mm<br>*Inci* | | | | | |
| MTS-1/4-28UNF-XC-K141 | 03305488 | UNF1/4-28 | 28.0 | 7,0<br>*0.276* | 25,0<br>*0.984* | 15,6<br>*0.614* | 77,50<br>*3.051* | 5,5<br>*0.217* | 8.25X5.5 | 5 | DIN2184-1 | 2BX | C |
| MTS-5/16-24UNF-XC-K141 | 03305489 | UNF5/16-24 | 24.0 | 8,0<br>*0.315* | 33,5<br>*1.319* | 18,7<br>*0.736* | 87,09<br>*3.429* | 6,9<br>*0.272* | 9.25X6.20 | 5 | DIN2184-1 | 2BX | C |
| MTS-3/8-24UNF-XC-K141 | 03305491 | UNF3/8-24 | 24.0 | 10,0<br>*0.394* | 38,0<br>*1.496* | 20,6<br>*0.811* | 97,09<br>*3.822* | 8,5<br>*0.335* | 11.25X8.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-7/16-20UNF-XC-K141 | 03305492 | UNF7/16-20 | 20.0 | 8,0<br>*0.315* | 72,7<br>*2.862* | 20,0<br>*0.787* | 96,51<br>*3.800* | 9,9<br>*0.390* | 9.25X6.20 | 5 | DIN2184-1 | 2BX | C |
| MTS-1/2-20UNF-XC-K141 | 03305493 | UNF1/2-20 | 20.0 | 9,0<br>*0.354* | 71,9<br>*2.831* | 23,0<br>*0.906* | 106,51<br>*4.193* | 11,5<br>*0.453* | 10.25X7.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-5/8-18UNF-XC-K141 | 03305494 | UNF5/8-18 | 18.0 | 12,0<br>*0.472* | 55,7<br>*2.193* | 23,0<br>*0.906* | 106,12<br>*4.178* | 14,5<br>*0.571* | 12.25X9.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-3/4-16UNF-XC-K141 | 03305495 | UNF3/4-16 | 16.0 | 14,0<br>*0.551* | 62,5<br>*2.461* | 25,0<br>*0.984* | 120,63<br>*4.749* | 17,5<br>*0.689* | 14.25X11.00 | 5 | DIN2184-1 | 2BX | C |
| MTS-7/8-14UNF-XC-K141 | 03305496 | UNF7/8-14 | 14.0 | 18,0<br>*0.709* | 75,95<br>*2.990* | 25,0<br>*0.984* | 135,01<br>*5.315* | 20,4<br>*0.803* | 17.25X14.5 | 5 | DIN2184-1 | 2BX | C |

## Oţeluri, oţeluri inoxidabile feritice şi martensitice.

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| P1 | Oţeluri cu aşchiere uşoară | 360 < $R_m$ < 880 | 11 SMn30<br>$R_m$ = 385 N/mm² | 1500 | 0,14 |
| P2 | Oţeluri feritice slab aliate, C < 0.25%wt<br>Oţeluri structurale generale slab liate | 320 < $R_m$ < 600 | S235JRG2<br>$R_m$ = 420 N/mm² | 1600 | 0,23 |
| P3 | Oţeluri feritice şi ferito-perlitice, C < 0.25%wt<br>Oţeluri structurale generale<br>Oţeluri de cementare | 430 < $R_m$ < 610 | 16 MnCr 5<br>$R_m$ = 550 N/mm² | 1800 | 0,14 |
| P4 | Oţeluri structurale slab aliate, 0.25% < C < 0.67%wt<br>Oţeluri slab aliate călite şi temperate | 520 < $R_m$ < 1200 | C 45E<br>$R_m$ = 660 N/mm² | 2000 | 0,15 |
| P5 | Oţeluri structurale, 0.25% < C < 0.67%wt<br>Oţeluri călite şi revenite | 550 < $R_m$ < 1200 | 42 CrMo 4<br>$R_m$ = 700 N/mm² | 2020 | 0,18 |
| P6 | Oţeluri căliteslab aliate, C > 0.67%wt<br>Oţeluri pentru arcuri şi bile slab aliate | 520 < $R_m$ < 1200 | C 100S<br>$R_m$ = 600 N/mm² | 2100 | 0,17 |
| P7 | Oţeluri călite, C > 0.67%wt<br>Oţeluri pentru arcuri şi bile | 600 < $R_m$ < 1200 | 100 Cr 6<br>$R_m$ = 650 N/mm² | 2160 | 0,17 |
| P8 | Oţeluri pentru scule<br>Oţeluri rapide (HSS) | 600 < $R_m$ < 1200 | X 40 CrMoV 5 1<br>$R_m$ = 700 N/mm² | 2400 | 0,20 |
| P11 | Oţeluri inoxidabile feritice şi martensitice | 415 < $R_m$ < 1200 | X 20 Cr 13<br>$R_m$ = 675 N/mm² | 2000 | 0,15 |
| P12 | Oţeluri inoxidabile durificate prin precipitare | 500 < $R_m$ < 1200 | X 5 CrNiCuNb 16 4<br>$R_m$ = 1100 N/mm² | 2100 | 0,17 |

## Oţeluri inoxidabile austenitice şi duplex cu aşchiere uşoară

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| M1 | Oţeluri inoxidabile austenitice cu aşchiere uşoară | | X 10 CrNiS 18 9 | 1700 | 0,14 |
| M2 | Oţeluri inoxidabile austenitice slab aliate | | X 5 CrNi 18 10 | 1920 | 0,18 |
| M3 | Oţeluri inoxidabile austenitice mediu aliate | | X 2 CrNiMo 18 14 3 | 2070 | 0,17 |
| M4 | Oţeluri inoxidabile austenitice şi duplex înalt aliate | | X 2 CrNiMoN 22 5 3 | 2230 | 0,16 |
| M5 | Oţeluri inoxidabile austenitice şi duplex înalt aliate dificile | | X 2 CrNiMoN 25 7 4 | 2510 | 0,13 |

## Fonte

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| K1 | Fonte cenușii (GCI) | | EN-GJL-250 | 930 | 0,32 |
| K2 | Fontă cu grafit compact (CGI) | | EN-GJV-400 | 1000 | 0,35 |
| K3 | Fonte maleabile (MCI) | | EN-GJMB-550-4 | 1050 | 0,37 |
| K4 | Fonte cu grafit nodular (SGI) | | EN-GJS-500-7 | 1160 | 0,37 |
| K5 | Fonte ductiel călite (ADI) | | EN-GJS-1000-5 | 0 | |
| K6 | Fontă cenușie austenitică cu grafit lamelar | | EN-GJLA-XNiCuCr15-6-2 | 0 | |
| K7 | Fontă cenușie austenitică cu grafit nodular | | EN-GJSA-XNiMn23-4 | 0 | |

## Metale neferoase

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| N1 | Aliaje de aluminiu, Si < 9% | | AW-7075 | 0 | |
| N2 | Aliaje de aluminiu, 9% < Si < 16% | | AC-44200 Si = 12% | 0 | |
| N3 | Aliaje de aluminiu, Si >16% | | AlSi17Cu5 | 0 | |
| N11 | Aliaje de cupru | | CW614N | 740 | 0,26 |

## Super aliaje și aliaje din titan

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| S1 | Superaliaje pe bază de fier | | Discalloy | 0 | |
| S2 | Superaliaje pe bază de cobalt | | Stellite 21 | 0 | |
| S3 | Superaliaje pe bază de nichel | | Inconel 718 | 2530 | 0,21 |
| S11 | Titan, slab aliat, ($\alpha$) | | Ti | 0 | |
| S12 | Titan, mediu aliat, ($\alpha$+$\beta$) | | TiAl6V4 | 1500 | 0,24 |
| S13 | Titan, înalt aliat, (similar $\beta$ și $\beta$) | | Ti10V2Fe3Al | 0 | |

## Materiale dure

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| **H3** | Oţeluri tratat termic | 58 < HRC < 62 | 16 MnCr 5<br>60 HRC | 2070 | 0,14 |
| **H5** | Oţeluri călite | 38 < HRC < 56 | 42 CrMo 4<br>50 HRC | 2320 | 0,18 |
| **H7** | Oţeluri călite și temperate<br>Oţeluri pentru rulmenţi | 56 < HRC < 64 | 100 Cr 6<br>60 HRC | 2480 | 0,17 |
| **H8** | Oţeluri pentru scule<br>Oţeluri rapide (HSS) | 38 < HRC < 64 | X 40 CrMoV 5 1<br>50 HRC | 2750 | 0,20 |
| **H11** | Oţeluri inoxidabile martensitice | 38 < HRC < 50 | X 20 Cr 13<br>45 HRC | 2300 | 0,15 |
| **H12** | Oţeluri inoxidabile durificate prin precipitare | 1200 < $R_m$ < 1650 | X 5 CrNiCuNb 16 4<br>$R_m$ = 1450 N/mm$^2$ | 2410 | 0,17 |
| **H21** | Oţel manganos | 23 < HRC < 64 | X 120 Mn 12<br>50 HRC | 0 | |
| **H31** | Fortă albă | 50 < HRC < 64 | EN-GJN-HV600(XCr11)<br>55 HRC | 0 | |

## Alte materiale dificile

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| **PM1** | Materiale PM slab aliate | | F-0008 Fe-0.7C | 0 | |
| **PM2** | Materiale PM mediu aliate | | FLC-4608<br>Fe2Cu1.8Ni<br>0.5Mo0.2Mn0.8C | 0 | |
| **PM3** | Materiale PM înalt aliate<br>Materiale pentru scaunul supapei de evacuare, etc. | | | 0 | |
| **HF1** | Aliaje ecruisate<br>Aliaje pe bază de fier sudate sau îmbinate cu plasmă | | | 0 | |
| **HF2** | Aliaje ecruisate<br>Aliaje pe bază de cobalt și pe bază de nichel sudate sau îmbinate cu plasmă | | | 0 | |
| **CC1** | Carbură de tungsten sinterizată | | G50 | 0 | |

## Plastic și compozite

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| **TS1** | Polimeri termoset | | Uree formaldehidică (UF) | 0 | |
| **TS2** | Compozite termoset din fibră de carbon | | T300 T700 T800 HTA-S IMA - Epoxy (M21)... | 0 | |
| **TS3** | Compozite termoset din fibră de sticlă | | Epoxy - HX..(42..)/E glass (7781...)... | 0 | |
| **TS4** | Compozite termoset din fibre aramide | | Kevlar 49 | 0 | |
| **TP1** | Polimeri termoplastici | | Policarbonat (PC) | 0 | |
| **TP2** | Compozite termoplast din fibră de carbon | | PPS/PEEK - T300.. | 0 | |
| **TP3** | Compozite termoplast din fibră de sticlă | | Sticlă PPS/PEEK - E sau sticlă A... | 0 | |
| **TP4** | Compozite termoplast din fibre aramide | | | 0 | |

## Grafit

| SMG | Descriere | Proprietăţi | Reper | $k_{c1.1}$ | $m_c$ |
|---|---|---|---|---|---|
| **GR1** | Grafit | | R 8500 | 0 | |

| SMG | EN | EN-Nr | W.-Nr | DIN | AFNOR | BS | UNI | JIS | SS | UNS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11 SMn 30 | 1.0715 | 1.0715 | 9 SMn 28 | S 250 | 230 M 07 | CF 9 SMn 28 | SUM 22 | 1912 | G12130 |
| | 11 SMnPb 30 | 1.0718 | 1.0718 | 9 SMnPb 28 | S 250 Pb | | CF 9 SMnPb 28 | SUM 22 L | 1914 | G12134 |
| | 10 S 20 | 1.0721 | 1.0721 | 10 S 20 | 10 F 1 | 210 M 15 | CF 10 S 20 | | | |
| | | | 1.0722 | 10 SPb 20 | 10 PbF 2 | | CF 10 SPb 20 | | | |
| P1 | 15 SMn 13 | 1.0725 | 1.0723 | 15 S 20 | | 210 A 15 | | SUM 32 | 1922 | |
| | 35 S20 | 1.0726 | 1.0726 | 35 S 20 | 35 MF 4 | 212 M 36 | | | 1957 | G11400 |
| | 46 S20 | 1.0727 | 1.0727 | 46 S 20 | 45 MF 4 | 212 M 44 | | | 1973 | G11460 |
| | 11 SMn 37 | 1.0736 | 1.0736 | 9 SMn 36 | S 300 | 240 M 07 | CF 9 SMn 36 | | | G12150 |
| | 11 SMn 37 | 1.0736 | 1.0736 | 9 SMn 36 | S 300 | 240 M 07 | CF 9 SMn 36 | | | G12150 |
| | S235JR | 1.0037 | 1.0037 | St 37-2 | E 24-2 | | Fe 360 B | STKM 12 C | 1311 | |
| | S235JRG2 | 1.0038 | 1.0116 | St 37-3 | E 24-3, E 24-4 | 4360-40 C | Fe 360 D FF | | 1312, 1313 | |
| | S275J2G3 | 1.0144 | 1.0144 | St 44-3 N | E 28-3, E 28-4 | 4360-43 C | Fe 430 D FF | SM 41 C | 1412, 1414 | |
| | C 10 | 1.0301 | 1.0301 | C 10 | 34 C 10, XC 10 | 045 M 10 | C 10 | S 10 C | | G10100 |
| P2 | | | 1.0401 | C 15 | 37 C 12, XC 18 | 080 M 15 | C 15, C 16 | | 1350 | G10170 |
| | C22 | 1.0402 | 1.0402 | C 22 | C 20 | 050 A 20 | C 20, C 21 | | 1450 | G10200 |
| | S355JR | 1.0570 | 1.0570 | St 52-3 | E 36-3, E 36-4 | 4360-50 C | Fe 510 B | SM 50 YA | 2172, 2132 | |
| | C 15R | 1.1141 | 1.1141 | Ck 15 | XC 15, XC 18 | 080 M 15 | C 15, C 16 | S 15 C, S 15 CK | 1370 | G10170 |
| | | | 1.1158 | Ck 25 | XC 25 | 060 A 25 | C 25 | S 25 C | | G10250 |
| | | | 1.2162 | 21 MnCr 5 | 20 NC 5 | | | SCR 420 H | | |
| | 16 Mo 3 | 1.5415 | 1.5415 | 15 Mo 3 | 15 D 3 | 1501-240 | 16 Mo 3 | | 2912 | |
| | | | 1.5423 | 16 Mo 5 | | 1503-245-420 | 16 Mo 5 | SB 450 M | | G45200 |
| | 14 NiCr 14 | 1.5752 | 1.5752 | 14 NiCr 14 | 12 NC 15 | 655 M 13 | | SNC 815 (H) | | G33106 |
| | | | 1.5919 | 15 CrNi 6 | 16 NC 6 | S 107 | 16 CrNi 4 | | | |
| | 18 NiCrMo 7 6 | 1.6587 | 1.6587 | 18 CrNiMo 7 6 | 18 NCD 6 | 820 A 16 | 18 NiCrMo 7 | | | |
| P3 | 16 MnCr 5 | 1.7131 | 1.7131 | 16 MnCr 5 | 16 MC 5 | 527 M 17 | 16 MnCr 5 | SCR 415 | 2511 | G51170 |
| | 16 MnCrS 5 | 1.7139 | 1.7139 | 16 MnCrS 5 | | | | | | |
| | 20 MnCr 5 | 1.7147 | 1.7147 | 20 MnCr 5 | 20 MC 5 | | 20 MnCr 5 | SMnC 420 (H) | | G51200 |
| | 20 MnCrS 5 | 1.7149 | 1.7149 | 20 MnCrS 5 | 20 MnCrS 5 | | | SMnC 21 H | | |
| | 13 CrMo 4 5 | 1.7335 | 1.7335 | 13 CrMo 4 4 | 15 CD 3.5 | 1501-620 Gr. 27 | 14 CrMo 4 5 | | 2216 | |
| | | | 1.7337 | 16 CrMo 4 4 | 15 CD 4.5 | 1501-620 Gr. 27 | 14 CrMo 4 5 | | 2216 | |
| | 10 CrMo 9 10 | 1.7380 | 1.7380 | 10 CrMo 9 10 | 10 CD 9.10 | 1501-622 Gr. 31 | 12 CrMo 9 10 | | 2218 | J21890 |
| | C35 | | 1.0501 | C 35 | 55 C 35 | 060 A 35 | C 35 | | 1550 | G10350 |
| | E 335 | 1.0503 | 1.0503 | C 45 | 65 C 45 | 80 M 46 | C 45 | S 45 C | 1650 | G10430 |
| | C40 | | 1.0511 | C 40 | 60 C 40 | 080 M 40 | C 40 | S 40 C | | |
| | E 360 | 1.0070 | 1.0535 | St 70-2 | A 70-2 | | Fe 690 | | 1655 | |
| | C60 | 1.0601 | 1.0601 | C 60 | CC 55 | 080 A 62 | C 60 | | | G10600 |
| P4 | | | 1.1157 | 40 Mn 4 | 35 M 5 | 150 M 36 | | | | G10390 |
| | G 28 Mn6 | 1.1165 | 1.1165 | 30 Mn 5 | | 120 M 36 | | SMn 1 H, SCMn 2 | | G13300 |
| | C 35E | 1.1181 | 1.1181 | Ck 35 | XC 38 H1 | 080 M 36 | C 35 | S 35 C | 1572 | G10340 |
| | C 45E | 1.1191 | 1.1191 | Ck 45 | XC 42 | 080 M 46 | C 45 | S 45 C | 1672 | G10420 |
| | C 60E | 1.1221 | 1.1221 | Ck 60 | XC 60 | 080 A 62 | C 60 | S 58 C | 1665, 1678 | G10640 |
| | | | 1.1740 | C 60 W | Y3 55 | | | SK 7 | | |
| | 55 SiCr7 | 1.7100 | 1.0904 | 55 Si 7 | 55 S 7 | 250 A 53 | 55 Si 8 | | 2085, 2090 | |
| | | | 1.2330 | 35 CrMo 4 | 34 CD 4 | 708 A 37 | 35 CrMo 4 | | 2234 | T51620 |
| | | | 1.2542 | 45 WCrV 7 | | BS 1 | 45 WCrV 8 KU | | 2710 | T41901 |
| | | 1.2714 | 1.2714 | 56 NiCrMoV 7 | | BH 224-5 | 56 NiCrMoV7-KU | SKT 4 | | T61206 |
| | | | 1.5121 | 46 MnSi 4 | | | | | | |
| | | | 1.5710 | 36 NiCr 6 | 35 NC 6 | 640 A 35 | | SNC 236 | | |
| | | | 1.5736 | 36 NiCr 10 | 35 NC 11 | | 35 NiCr 9 | SNC 631 (H) | | |
| | 36 CrNiMo 4 | | 1.6511 | 36 CrNiMo 4 | 40 NCD 3 | 816 M 40 | 38 NiCrMo 4 (KB) | | | G98400 |
| P5 | 34 CrNiMo 6 | 1.6582 | 1.6582 | 34 CrNiMo 6 | 35 NCD 6 | 817 M 40 | 35 NiCrMo 6 (KW) | SNCM 447 | 2541 | G43400 |
| | 34 Cr 4 | 1.7033 | 1.7033 | 34 Cr 4 | 32 C 4 | 530 A 32 | 34 Cr 4 (KB) | SCR 430 (H) | | G51320 |
| | 41 Cr 4 | 1.7035 | 1.7035 | 41 Cr 4 | 42 C 4 | 530 M 40 | 41 Cr 4 | SCR 440 (H) | | G51400 |
| | 25 CrMo 4 | 1.7218 | 1.7218 | 25 CrMo 4 | 25 CD 4 S | 708 M 25 | 25 CrMo 4 (KB) | SCM 425 | 2225 | G41300 |
| | 42 CrMo 4 | 1.7225 | 1.7225 | 42 CrMo 4 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 2244 | G41400 |
| | 42 CrMo 4 | 1.7225 | 1.7225 | 42 CrMo 4 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 2244 | G41400 |
| | | | 1.7361 | 32 CrMo 12 | 30 CD 12 | 722 M 24 | 32 CrMo 12 | | 2240 | |
| | 50 CrV 4 | 1.8159 | 1.8159 | 50 CrV 4 | 50 CV 4 | 735 A 50 | 51 CrV 4 | SUP 10 | 2230 | H61500 |
| | 41 CrAlMo 7 10 | 1.8509 | 1.8509 | 41 CrAlMo 7 | 40 CAD 6.12 | 905 M 39 | 41 CrAlMo 7 | SACM 645 | 2940 | K24065 |
| | C 67S | 1.1231 | 1.1231 | Ck 67 | XC 68 | 060 A 67 | C 70 | | 1770 | G10700 |
| | C 100S | 1.1274 | 1.1274 | Ck 101 | | 060 A 96 | | SUP 4 | 1870 | G10950 |
| P6 | C 105U | 1.1545 | 1.1545 | C 105 W1 | Y1 105 | | C 100 KU | | 1880 | |
| | | | 1.1645 | C 105 W2 | Y1 105 | | C 100 KU | SK 3 | | |
| | | | 1.1663 | C 125 W | Y2 120 | | C 120 KU | SK 2 | | |

| U.N.E./ I.H.A. | AISI / ASTM | GOST | ČSN | Diverse Mărci | Condiţie | Structura |
|---|---|---|---|---|---|---|
| | 1213 | | | | Recopt | |
| | 12 L 13 | | | | Recopt | |
| | 1108 | | | | Recopt | |
| | 11 L 08 | | | | Recopt | |
| | | | | | Recopt | |
| | 1140 | 40 | | | Recopt | |
| | 1146 | | | | Recopt | |
| | 1215 | | | | Recopt | |
| | 12 L 14 | | | | Recopt | |
| | | 16D | | | Recopt | |
| | A573 Grade 58 | 18kp | 11 378 | | Recopt | |
| | A573 Grade 70 | St14kP | 11 448 | | Recopt | |
| | 1010 | 10 | | | Recopt | |
| F.1110 | 1015 | 15 | | | Recopt | |
| | 1020, 1023 | 20 | 12 024 | | Recopt | |
| | | 17G1S | 11 523 | | Recopt | |
| F.1511 | 1015 | 15 | | | Recopt | |
| F.1120 | 1025 | 25 | | | Recopt | |
| | | | | | Recopt | |
| | A204 Grade A | | 15 020 | | Recopt | |
| | 4520 | | | | Recopt | |
| | 3310, 9314 | 20X2H4A | 16 420 | | Recopt | |
| | 4320 | | 16 220 | | Recopt | |
| | | | | | Recopt | |
| F.1516 | 5115 | 12KHN2 | 14 220 | | Recopt | |
| | | 18HG | | | Recopt | |
| | 5120 | 20KH | 14 221 | | Recopt | |
| | 5120 H | 20KH | | | Recopt | |
| | A182-F11, A182-F12 | 12KHM | 15 121 | | Recopt | |
| | A387 Grade 12 Cl. 2 | | | | Recopt | |
| F.155 | A182-F22 | 12KH8 | 15 313 | | Recopt | |
| F.1130 | 1035 | 35 | 12 040 | | Recopt | |
| F.5110 | 1045 | 45 | 12 050 | | Recopt | |
| | 1040 | 40 | 12 041 | | Recopt | |
| F.1150 | 1055 | 55 | | | Recopt | |
| | 1060 | 60 | 12 061 | | Recopt | |
| | 1039 | 40G | | | Recopt | |
| | 1330 | 30G2 | | | Recopt | |
| F.1135 | 1035 | 35 | | | Recopt | |
| F.1140 | 1045 | 45 | 12 050 | | Recopt | |
| F.1150 | 1064 | 60 | | | Recopt | |
| | 1060 | 60 | | | Recopt | |
| F.144 | 9255 | 55S2 | | | Recopt | |
| F.1250 | 4135 | 35KHM | | | Recopt | |
| F.5241 | S1 | 5KHV2S | | | Recopt | |
| | L6 | 5KHNV | | | Recopt | |
| | 5045 | | | | Recopt | |
| | 3135 | | | | Călit şi temperat | |
| | 3435 | | | | Recopt | |
| | 9840 | | | | Călit şi temperat | |
| F.1280 | 4340 | 38H2N2MA | 16 343 | | Recopt | |
| | 5132 | 35KH | | | Călit şi temperat | |
| | 5140 | 40H | 14 140 | | Călit şi temperat | |
| F.1251 | 4130 | 20KHM | 15 130 | | Călit şi temperat | |
| F.1252 | 4142, 4140 | 38HM | 15 142 | | Recopt | |
| F.1252 | 4142, 4140 | 38HM | 15 142 | | Călit şi temperat | |
| | | | | | Călit şi temperat | |
| F.143 | 6150 | 50KHFA | 15 260 | | Călit şi temperat | |
| F.1740 | A355 Cl. A | | | | Recopt | |
| F.5103 | 1070 | 70 | | | Recopt | |
| F.5117 | 1095 | | | | Recopt | |
| F.5118 | W1 | U10A | | | Recopt | |
| | | U10 | | | Recopt | |
| | W1 | U13 | | | Recopt | |

| SMG | EN | EN-Nr | W.-Nr | DIN | AFNOR | BS | UNI | JIS | SS | UNS |
|---|---|---|---|---|---|---|---|---|---|---|
| P7 | 107 CrV 3 | 1.2210 | 1.2210 | 115 CrV 3 | 100 C 3 | | 107 CrV 3 KU | | | T61202 |
| | | | 1.2510 | 100 MnCrW 4 | 90 MWCV 5 | BO 1 | 95 MnWCr 5 KU | SKS 3 | 2140 | T31501 |
| | 90 MnCrV 8 | 1.2842 | 1.2842 | 90 MnCrV 8 | 90 MV 8 | BO 2 | 90 MnVCr 8 KU | | | T31502 |
| | 100 Cr 6 | 1.3505 | 1.3505 | 100 Cr 6 | 100 C 6 | 534 A 99 | 100 Cr 6 | SUJ 2 | 2258 | G51986 |
| P8 | X 210 Cr 12 | 1.2080 | 1.2080 | X 210 Cr 12 | Z 200 C 12 | BD 3 | X 210 Cr 13 KU | SKD 1 | | T30403 |
| | | | 1.2343 | X 38 CrMoV 5 1 | Z 38 CDV 5 | BH 11 | X 37 CrMoV 5 1 KU | SKD 6 | | T20811 |
| | X 40 CrMoV 5 1 | 1.2344 | 1.2344 | X 40 CrMoV 5 1 | Z 40 CDV 5 | BH 13 | X 40 CrMo 5 1 1 KU | SKD 61 | 2242 | T20813 |
| | X 100 CrMoV 5 | 1.2363 | 1.2363 | X 100 CrMoV 5 1 | Z 100 CDV 5 | BA 2 | X 100 CrMoV 5 1 KU | SKD 12 | 2260 | T30102 |
| | | | 1.2365 | X 32 CrMoV 3 3 | 32 DCV 28 | BH 10 | 30 CrMoV 12 27 KU | SKD 7 | | T20810 |
| | | | 1.2436 | X 210 CrW 12 | | | X 215 CrW 12 1 KU | SKD 2 | 2312 | |
| | | | 1.2601 | X 165 CrMoV 12 | | | X 165 CrMoW 12 KU | | 2310 | |
| | | | 1.2713 | 55 NiCrMoV 6 | 55 NCDV 7 | | | SKT 4 | | T61206 |
| | HS 6-5-2-5 | 1.3243 | 1.3243 | S 6-5-2-5 | Z 85 WDKCV 06-05-05-04-02 | | HS 6-5-2-5 | SKH 55 | 2723 | |
| | HS 2-10-1-8 | 1.3247 | 1.3247 | S 2-10-1-8 | Z 110 DKCWV 09-08-04 | BM 42 | HS 2-9-1-8 | SKH 51 | | T11342 |
| | HS 18-1-2-5 | 1.3255 | 1.3255 | S 18-1-2-5 | Z 80 WKCV 18-05-04-01 | BT 4 | HS 18-1-1-5 | SKH 3 | | T12004 |
| | HS 6-5-2 | 1.3343 | 1.3343 | S 6-5-2 | Z 85 WDCV 06-05-04-02 | BM 2 | HS 6-5-2 | SKH 9, SKH 51 | 2722 | T11302 |
| | HS 2-9-2 | 1.3348 | 1.3348 | S 2-9-2 | Z 100 DCWV 09-04-02-02 | | HS 2-9-2 | SKH 58 | 2782 | T11307 |
| | HS 18-0-1 | 1.3355 | 1.3355 | S 18-0-1 | Z 80 WCV 18-04-01 | BT 1 | HS 18-0-1 | SKH 2 | | T12001 |
| P11 | X 6 Cr 13 | 1.4000 | 1.4000 | X 6 Cr 13 | Z 6 C 12 | 403 S 17 | X 6 Cr 13 | SUS 403 | 2301 | S41008 |
| | X 12 Cr 13 | 1.4006 | 1.4006 | X 10 Cr 13 | Z 10 C 13 | 410 S 21 | X 12 Cr 13 | SUS 410 | 2302 | S41000 |
| | X 6 Cr 17 | 1.4016 | 1.4016 | X 6 Cr 17 | Z 8 C 17 | 430 S 15 | X 8 Cr 17 | SUS 430 | 2320 | S43000 |
| | X 20 Cr 13 | 1.4021 | 1.4021 | X 20 Cr 13 | Z 20 C 13 | 420 S 37 | X 20 Cr 13 | SUS 420 J 1 | 2303 | S42000 |
| | X 39 Cr 13 | 1.4031 | 1.4031 | X 40 Cr 13 | Z 40 C 14 | 420 S 45 | X 40 Cr 14 | SUS 420 | 2304 | S40280 |
| | X 70 CrMo 15 | 1.4109 | 1.4109 | X 65 CrMo 14 | Z 70 D 14 | | | SUS 440 A | | S44002 |
| | X 90 CrMoV 18 | 1.4112 | 1.4112 | X 90 CrMoV 18 | Z 2 CND 18 05 | 409 S 19 | X CrTi 12 | SUS 440 B | 2327 | S44003 |
| | X 105 CrMo 17 | 1.4125 | 1.4125 | X 105 CrMo 17 | Z 100 CD 17 | | X 105 CrMo 17 | SUS 440 C | | S44004 |
| | X 3 CrNIMo 13 3 | 1.4313 | 1.4313 | X 5 CrNi 13 4 | Z 5 CN 13.4 | 425 C 11 | X 6 CrNi 13 04 | SCS 5 | 2385 | S41500 |
| | X 18 CrN 28 | 1.4749 | 1.4749 | X 18 CrN 28 | Z 18 C 25 | | | | 2322 | S44600 |
| P12 | X 6 NiCrTiMoV 25 15 | 1.4534 | 1.4534 | X 3 CrNiMoAl 13 8 2 | | | | | | S13800 |
| | X 4 CrNiCuNb 16 4 | 1.4540 | 1.4540 | X 4 CrNiCuNb 16 4 | | | | | | S15500 |
| | | 1.4540 | 1.4540 | X 4 CrNiCuNb 16 4 | Z 4 CNUNb 16.4 M | | | | | S15500 |
| | X 4 CrNiCuNb 16 4 | 1.4540 | 1.4540 | X 4 CrNiCuNb 16 4 | | | | | | S15500 |
| | X 5 CrNiCuNb 16 4 | 1.4542 | 1.4542 | X 5 CrNiCuNb 16 4 | | | | SUS 630 | | S17400 |
| | X 5 CrNiCuNb 17 4 | 1.4548 | 1.4542 | X 5 CrNiCuNb 17 4 | Z 6 CNU 17.4 | | | SCS 24, SUS 630 | | S17400 |
| | X 7 CrNiAl 17 7 | 1.4564 | 1.4564 | X 7 CrNiAl 17 7 | Z 9 CAN 17.7 | 301 S 81 | X 7 CrNiAl 17 7 | SUS 631 | 2388 | S17700 |
| | X 2 NiCoMoTi 18 12 4 | 1.6356 | 1.6356 | X 2 NiCoMoTi 18 12 4 | | | | | | K93160 |
| | X 2 NiCoMoTi 18 9 5 | 1.6358 | 1.6358 | X 2 NiCoMoTi 18 9 5 | Z 2 NKD 19-09 | | | | | K93120 |
| | X 2 NiCoMo 18 9 5 | 1.6358 | 1.6358 | X 2 NiCoMoTi 18 9 5 | Z 2 NKD 19-09 | | | | | K93120 |
| | X 2 NiCoMo 18 8 5 | 1.6359 | 1.6359 | X 2 NiCoMo 18 8 5 | | S 162 | | | | K92890 |
| | X 2 NiCoMo 18 8 5 | 1.6359 | 1.6359 | X 2 NiCoMo 18 8 5 | | S 162 | | | | K92890 |
| M1 | X 10 CrNiS 18 9 | 1.4305 | 1.4305 | X 10 CrNiS 18 9 | Z 10 CNF 18.09 | 303 S 31 | X 10 CrNi 18 09 | SUS 303 | 2346 | S30300 |
| M2 | X 2 CrNi 19 11 | 1.4306 | 1.4306 | X 2 CrNi 19 11 | Z 2 CN 18.10 | 304 S 12 | X 3 Cr Ni 18 11 | SUS 304 L | 2352 | S30403 |
| | X 5 CrNi 18 10 | 1.4301 | 1.4301 | X 5 CrNi 18 10 | Z 6 CN 18.09 | 304 S 31 | X 5 CrNi 18 11 | SUS 304 | 2333 | S30400 |
| | X 5 CrNiMo 17 12 2 | 1.4401 | 1.4401 | X 5 CrNiMo 17 12 2 | Z 3 CND 17.11.1 | 316 S 31 | X 5 CrNiMo 17 12 | SUS 316 | 2347 | S31600 |
| | X 6 CrNiNb 18 10 | 1.4550 | 1.4550 | X 6 CrNiNb 18 10 | Z 6 CNNb 18.10 | 347 S 31 | X 6 CrNiNb 18 11 | SUS 347 | 2338 | S34700 |
| | X 9 CrNi 18 8 | 1.4310 | 1.4310 | X 12 CrNi 17 7 | Z 12 CN 17.07 | 301 S 21 | X 12 CrNi 17 07 | SUS 301 | (2331) | S30100 |
| | X 12 CrNi 18 8 | 1.4300 | 1.4300 | X 12 CrNi 18 8 | Z 12 CN 18 | 302 S 25 | | SUS 302 | 2331 | S30200 |
| M3 | X 2 CrNiMo 18 14 3 | 1.4435 | 1.4435 | X 2 CrNiMo 18 14 3 | Z 2 CND 17.13 | 316 S 12 | X 2 CrNiMo 17 13 2 | SCS 16, SUS 316 L | 2353 | S31603 |
| | X 2 CrNiMoN 17 13 3 | 1.4429 | 1.4429 | X 2 CrNiMoN 17 13 3 | Z 2 CND 17.13 Az | 316 S 62 | X 2 CrNiMoN 17 13 3 | SUS 316 LN | 2375 | S31653 |
| | X 2 CrNiN 18 10 | 1.4311 | 1.4311 | X 2 CrNiN 19 11 | Z 2 CN 18 .10 Az | 304 S 62 | X 2 CrNiN 18 11 | SUS 304 LN | 2371 | S30453 |
| | X 3 CrNiMo 18 12 3 | 1.4466 | 1.4466 | X 5 CrNi 18 15 | | 317 S 16 | X 5 CrNi 18 15 | SUS 317 | 2366 | S31700 |
| | X 9 CrNiSiNCe 21 11 2 | 1.4835 | 1.4893 | X 9 CrNiSiNCe 21 11 2 | | 310 S 31 | | | 2368 | S30815 |
| | X 12 CrNi 25 21 | 1.4335 | 1.4335 | X 12 CrNi 25 21 | Z 12 CN 25.20 | 310 S 24 | X 6 CrNi 26 20 | SUH 310, SUS 310 S | 2361 | S31008 |
| M4 | X 2 CrNiMoN 22 5 3 | 1.4462 | 1.4462 | X 2 CrNiMoN 22 5 | Z 2 CND 22.05 Az | 332 S 15 | X 2 CrNiMoN 22 5 | | 2377 | S31803 |
| | X 2 CrNiMoSi 19 5 | 1.4424 | 1.4417 | X 2 CrNiMoSi 19 5 | Z 2 CND 18.05.03 | | | | 2376 | S31500 |
| | X 2 NiCrMoCu 25 20 5 | 1.4539 | 1.4539 | X 2 NiCrMoCu 25 20 5 | Z 2 NCDU 25 20 | 904 S 13 | | | 2562 | N08904 |
| | X 3 CrNiMo 27 5 2 | 1.4460 | 1.4460 | X 4 CrNiMo 27 5 2 | Z 3 CND 25.7 Az | | X 3 CrNiMo 27 5 2 | SUS 329 J 1 | 2324 | S32900 |
| | X 5 CrNiCuNb 16 4 | 1.4980 | 1.4943 | X 4 NiCrTi 25 15 | Z 6 NCTDV 25.15 | HR 51 | | SUH 660 | 2570 | S66286 |
| M5 | X 1 CrNiMoN 20 18 7 | 1.4547 | 1.4529 | X 1 CrNiMoN 20 18 7 | Z 1 CNDU 20.18.05 Az | | X 1 CrNiMoN 20 18 7 | | 2778 | S31254 |
| | X 1 CrNiMoN 25 22 8 | 1.4652 | 1.4652 | X 2 CrNiMoN 25 22 7 | | | | | | S32654 |
| | X 10 NiCrAlTi 32 20 | 1.4876 | 1.4876 | X 10 NiCrAlTi 32 20 | Z 10 NC 32.21 | | | NCF 800 | | N08800 |
| | X 2 CrNiMoN 25 7 4 | 1.4410 | 1.4410 | X 2 CrNiMoN 25 7 4 | Z 3 CND 25.07 Az | | X 2 CrNiMoN 25 7 4 | | 2328 | S32750 |

| U.N.E./ I.H.A. | AISI / ASTM | GOST | ČSN | Diverse Mărci | Condiţie | Structura |
|---|---|---|---|---|---|---|
| F.520L | L2 | 11KHF | | | Recopt | |
| F.5220 | O1 | 9KHVG | | | Recopt | |
| | O2 | 9G2F | | | Recopt | |
| F.5230 | 52100 | SHKH15 | 14 109 | | Recopt | |
| F.5212 | D3 | KH12 | | | Recopt | |
| | H11 | 4KH5MFS | | | Recopt | |
| F.5318 | H13 | 4KH5MF1S | | | Recopt | |
| F.5227 | A2 | 9KH5VF | | | Recopt | |
| | H10 | 3KH3M3F | | | Recopt | |
| F.5213 | | KH12 | | | Recopt | |
| | | KH12MF | | | Recopt | |
| F.520.S | L6 | 5KHNM | | | Recopt | |
| F.5613 | M35 | R6M5K5 | | | Recopt | |
| | M42 | R2AM9K5 | | | Recopt | |
| | T4 | R18K5F2 | | | Recopt | |
| F.5603 | M2 | R6M5 | | | Recopt | |
| | M7 | | | | Recopt | |
| | T1 | R18 | | | Recopt | |
| | 403 | 08KH13 | | | Recopt | Ferritic |
| F.3401 | 410, CA-15 | 12KH13, 08KH13 | | | Recopt | Martensitic |
| F.3113 | 430 | 12KH17 | | | Recopt | Feritic |
| F.5261 | 420 | 20KH13 | 17 022 | | Recopt | Martensitic |
| F.3404 | 420 | 40KH13 | | | Recopt | Martensitic |
| | 440 A | | | | Recopt | Martensitic |
| | 440 B | 95KH18 | | | Recopt | Martensitic |
| | 440 C | 95KH18 | | | Recopt | Martensitic |
| | A182 F6NM | | | F6NM | Recopt | Martensitic |
| | 446 | 15KH28 | | | Recopt | Feritic |
| | XM-13 | | | PH 13-8 Mo | Normalizat în soluţie | Austenitic |
| | XM-12 | | | 15-5 PH | H1150 | Martensitic |
| | XM-12 | | | 15-5 PH | Normalizat în soluţie | Martensitic |
| | XM-12 | | | 15-5 PH | H1025 | Martensitic |
| | SAE 630 | | | 17-4 PH | H1150 | Martensitic |
| | 630 | | | 17-4 PH | Normalizat în soluţie | Martensitic |
| | 631 | 09KH17N7YU1 | | 17-7 PH | Normalizat în soluţie | Austenitic/Feritic |
| | AMS 6515 | | | Marage 350 | Normalizat în soluţie | Martensitic |
| | AMS 6521 | | | Marage 300 | Normalizat în soluţie | Martensitic |
| | AMS 6514 | | | Marage 300, Vascomax C300 | Normalizat în soluţie | Martensitic |
| | AMS 6512 | | | Marage 250 | Normalizat în soluţie | Martensitic |
| | AMS 6512 | | | Marage 250, Vascomax C250 | Normalizat în soluţie | Martensitic |
| F.3508 | 303 | 12KH19N9 | | | Recopt | Austenitic |
| F.3504 | 304 L | 03KH18N11 | | | Recopt | Austenitic |
| F.3504 | 304 | 08KH18N10 | 17 240 | | Recopt | Austenitic |
| F.3534 | 316 | 08KH17H13M2T | 17 346 | | Recopt | Austenitic |
| F.3524 | 347 | 08KH18N12B | | | Recopt | Austenitic |
| F.3517 | 301 | 07KH16N6 | | | Recopt | Austenitic |
| | 302 | 12KH18N9 | | | Recopt | Austenitic |
| F.3533 | (316 L) | 03KH17N14M3 | 17 349 | | Recopt | Austenitic |
| | 316 LN | 03KH16N15M3 | | | Recopt | Austenitic |
| F.3541 | 304 LN | 03KH18N11 | | | Recopt | Austenitic |
| | 317 | 08KH17H15M3T | | | Recopt | Austenitic |
| | | | | 253 MA | Recopt | Austenitic |
| | 310 S | 12KH25N20 | | | Recopt | Austenitic |
| | 329 LN | | | SAF 2205 | Recopt | Duplex |
| | | | | 3RE60 | Recopt | Duplex |
| | 904L | | | | Recopt | Super austenitic |
| | 329 | | | | Recopt | Duplex |
| | 660 | | | A286 | Normalizat în soluţie | Austenitic |
| | | | | 254 SMO | Recopt | Super austenitic |
| | | | | 654 SMO | Recopt | Super austenitic |
| | | | | Alloy 800 | Recopt | Austenitic |
| | F 53 | | | SAF 2507 | Recopt | Super duplex |

| SMG | EN | EN-Nr | W.-Nr | DIN | AFNOR | BS | UNI | JIS | SS | UNS |
|---|---|---|---|---|---|---|---|---|---|---|
| K1 | EN-GJL-150 | 0.6150 | 0.6150 | GG-15 | Ft 15 D | Grade 150 | G15 | FC 150 | 01 15-00 | F11601 |
| | EN-GJL-200 | 0.6200 | 0.6200 | GG-20 | Ft 20 D | Grade 220 | G20 | FC 200 | 01 20-00 | F12101 |
| | EN-GJL-250 | 0.6250 | 0.6250 | GG-25 | Ft 25 D | Grade 260 | G25 | FC 250 | 01 25-00 | F12401 |
| | EN-GJL-350 | 0.6350 | 0.6350 | GG-35 | Ft 35 D | Grade 350 | G35 | FC 350 | 01 35-00 | F13502 |
| | EN-GJL-215 | | | GG-220 HB | | | | | 02 19 | |
| K2 | EN-GJV-300 | | | GJV-300 | | | | | | |
| | EN-GJV-350 | | | GJV-350 | | | | | | |
| | EN-GJV-400 | | | GJV-400 | | | | | | |
| | EN-GJV-450 | | | GJV-450 | | | | | | |
| | EN-GJV-500 | | | GJV-500 | | | | | | |
| K3 | EN-GJMB-550-4 | 0.8155 | | GTS-55-04 | P 540/5 | P 540/5 | P 55-04 | PCMP55-04 | 08 54-00 | F24130 |
| K4 | EN-GJS-350-22 | 0.7033 | 0.7033 | GGG-35.3 | FGS 370-17 | Grade 350/22 | | FCD 350-22L | 07 17-15 | |
| | EN-GJS-400-15 | 0.7040 | 0.7040 | GGG-40 | FGS 400-12 | Grade 420/12 | GS 400-12 | FCD 400-18L | 07 17-02 | F32800 |
| | EN-GJS-400-18 | 0.7043 | 0.7043 | GGG-40.3 | FGS 370-17 | Grade 370/17 | GSO 42/17 | | 07 17-12 | F32800 |
| | EN-GJS-500-7 | 0.7050 | 0.7050 | GGG-50 | FGS 500-7 | Grade 500/7 | GS 500-7 | FCD 500-7 | 07 27-02 | F33800 |
| | EN-GJS-600-3 | 0.7060 | 0.7060 | GGG-60 | FGS 600-3 | Grade 600/3 | GS 600-3 | FCD 600-3 | 07 32-03 | F34100 |
| | EN-GJS-700-2 | 0.7070 | 0.7070 | GGG-70 | FGS 700-2 | Grade 700/2 | GS 700-2 | FCD 700-2 | 07 37-01 | F34800 |
| K5 | | | | | | | | | | ADI grade 5 |
| | EN-GJS-1000-5 | | | GJS-1000-5 | | | | | | ADI grade 2 |
| | EN-GJS-1200-2 | | | GJS-1200-2 | | | | | | ADI grade 3 |
| | EN-GJS-1400-1 | | | GJS-1400-1 | | | | | | ADI grade 4 |
| | EN-GJS-800-8 | | | GJS-800-8 | | | | | | ADI grade 1 |
| K6 | EN-GJLA-XNiCr 20-2 | 0.6660 | 0.6660 | GGL-NiCr 20 2 | FGL Ni20 Cr2 | Grade F2 | | | 05 23-00 | F41002 |
| | EN-GJLA-XNiCr 30-3 | 0.6676 | 0.6676 | GGL-NiCr 30 3 | FGL Ni30 Cr3 | Grade F3 | | | | F41004 |
| | EN-GJLA-XNiCuCr 15-6-2 | 0.6655 | 0.6655 | GGL-NiCuCr 15 6 2 | FGL Ni15 Cu6 Cr2 | Grade F1 | | | | F41000 |
| K7 | EN-GJSA-XNiMn 13-7 | 0.7652 | 0.7652 | GGG-NiMn 13 7 | FGS Ni13 Mn7 | Grade S6 | | | 07 72-00 | |
| | EN-GJSA-XNiCr 20-2 | 0.7660 | 0.7660 | GGG-NiCr 20 2 | FGS Ni20 Cr2 | Grade S2 | | | | F43000 |
| | EN-GJSA-XNiMn 23-4 | 0.7673 | 0.7673 | GGG-NiMn 23 4 | FGS Ni23 Mn4 | Grade S2M | | | | F43010 |
| | EN-GJSA-XNiCr 30-3 | 0.7676 | 0.7676 | GGG-NiCr 30 3 | FGS Ni30 Cr3 | Grade S3 | | | | F43003 |
| | EN-GJSA-XNi 35 | 0.7683 | 0.7683 | GGG-Ni 35 | FGS Ni35 | | | | | F43006 |
| N1 | AW-1050A | Al99.5 | 3.0255 | Al99.5 | A-5/1050A | 1B | | (A1050) | 4007 | AA1050A |
| | AW-2011 | AlCuBiPb | 3.1655 | AlCuBiPb | A-U5PbBi/2011 | FC1 | | A2011 | 4355 | AA2011 |
| | AW-2014 | AlCuSiMn | 3.1255 | AlCuSiMn | A-U4SG/2014 | H15 | | | 4338 | AA2014 |
| | AW-5005 | AlMg1 | 3.3315 | AlMg1 | A-G0.6 | N41 | | | 4106 | AA5005 |
| | AW-6060 | AlMgSi0.5 | 3.3206 | AlMgSi0.5 | A-GS/6060 | (H9) | | | 4103 | AA6060 |
| | AW-6063 | AlMgSi0.7 | 3.3210 | AlMgSi0.7 | A-GSUC/6061 | (H10) | | (A6063) | 4104, 4107 | AA6005 |
| | AW-3103 | AlMn1 | 3.0515 | AlMn1 | | N3 | | | 4054 | AA3103 |
| | AW-3003 | AlMn1Cu | 3.0517 | AlMn1Cu | A-M1/3003 | | | A3003 | | AA3003 |
| | AW-7020 | AlZn4.5Mg1 | 3.4335 | AlZn4.5Mg1 | A-Z5G/7020 | H17 | | | 4425 | AA7020 |
| | AW-7075 | | 3.4365 | AlZnMgCu1.5 | A-Z5GU/7075 | 2L95/2L96 | | A7075 | | AA7075 |
| | AC-42000 | | 3.2341 | G-AlSi5Mg | A-S7G | LM25 | 3599 | AC 4C | 4244 | |
| | AC-46200 | AlSi8Cu3(Si) | 3.2161 | G-AlSi8Cu3 | | | | | 4251 | A13800 |
| | MG-P-63 | MgAl6Zn | 3.5612 | G-MgAl6Zn | G-A6-Z1 | MAG-E-121 | | | | M11600 |
| | MG-P-61 | MgAl8Zn | 3.5812 | G-MgAl8Zn | (G-A7-Z1) | | | | | |
| | MN65120 | MgSe3Zn2Zr1 | 3.5103 | G-MgSe3Zn2Zr1 | ZRE1 | MAG6-TE | | | | M12330 |
| N2 | AC-43400 | AlSi10Mg(Fe) | 3.2381 | G-AlSi10Mg | A-S10G | LM9 | | | 4253 | A13600 |
| | AC-44200 | AlSi12 | 3.2382 | GD-AlSi12 | | | | | | |
| | AW-6082 | AlMgSi1 | 3.2315 | AlMgSi1 | A-SGM0.7/6082 | H30 | | | 4212 | AA6082 |
| N3 | | AlSi17Cu5 | | | | | | ADC14 | | |
| N11 | CC331G | | 2.0940.01 | CuAl10Fe | CuAl10Fe | AB1 | | | 5710 | C95200 |
| | CC333G | | 2.0975.01 | CuAl10Ni | CuAl10Ni5Fe5 | AB2 | | | 5716 | C95500 |
| | | CuNi10Fe1Mn | 2.0872 | CuNi10Fe1Mn | CuNi10Fe1Mn | CN102 | | | 5667 | C70600 |
| | | | | CuNi10Zn45 | | | | | | |
| | | CW408J | 2.0790 | CuNi18Zn19Pb | CuNi18Zn19Pb1 | | | | | C76300 |
| | CW352H | | 2.1176 | CuPb10Sn | CuSn10Pb10 | LB2 | | | 5640 | C93700 |
| | CC480K | | 2.1050.01 | CuSn10 | CuSn10 | CT1 | | | 5443 | C90700 |
| | | | 2.1087 | CuSn10Zn | | | | | 5458 | C90500 |
| | CW452K | CuSn6 | 2.1020 | CuSn6 | CuSn6 | PB103 | | C5191 | 5428 | C51900 |
| | CW502L | CuZn15 | 2.0240 | CuZn15 | CuZn15 | CZ102 | | C2300 | 5112 | C23000 |
| | CW706R | CuZn28Sn1 | 2.0470 | CuZn28Sn1 | CuZn29Sn1 | | | | 5220 | C44300 |
| | CW508L | CuZn37 | 2.0321 | CuZn37 | CuZn37 | CZ108 | | | 5150 | C27200 |
| | CW717R | CuZn38Sn1 | 2.0530 | CuZn38Sn1 | | | | | | C46400 |
| | CW614N | CuZn39Pb3 | 2.0401 | CuZn39Pb3 | CuZn39Pb3 | CZ121 | | | 5170 | C38500 |
| | CW612N | CuZn40Pb2 | 2.0402 | CuZn40Pb2 | CuZn39Pb2 | CZ120 | | | 5168 | C37800 |
| | CW622N | CuZn44Pb2 | 2.0410 | CuZn44Pb2 | | CZ104 | | | 5272 | C68700 |

| U.N.E./ I.H.A. | AISI / ASTM | GOST | ČSN | Diverse Mărci | Condiţie | Structura |
|---|---|---|---|---|---|---|
| | A48 25 B | Sc 15 | 422 415 | | | Fonte cenuşii (GCI) |
| | A48 30 B | Sc 20 | 422 420 | | | Fonte cenuşii (GCI) |
| | A48 35 B | Sc 25 | 422 425 | | | Fonte cenuşii (GCI) |
| | A48 50 B | Sc 35 | | | | Fonte cenuşii (GCI) |
| | G 3500 | | | | | Fonte cenuşii (GCI) |
| | Grade 350 | | | | | Fontă cu grafit vermicular (CGI) |
| | Grade 400 | | | | | Fontă cu grafit vermicular (CGI) |
| | Grade 400-15 | | | | | Fontă cu grafit vermicular (CGI) |
| | Grade 450 | | | | | Fontă cu grafit vermicular (CGI) |
| | Grade 500 | | | | | Fontă cu grafit vermicular (CGI) |
| | A220 60004 | | | | Temperat | Fontă maleabilă (MCI) |
| | | | | | | Fontă cu grafit nodular (SGI) |
| FGE 38-17 | 60-40-18 | Vc 42-12 | 422 304 | | | Fontă cu grafit nodular (SGI) |
| | 60-40-18 | Vc 42-12 | | | | Fontă cu grafit nodular (SGI) |
| FGE 50-7 | A536, 80-55-06 | Vc 50-2 | 422 305 | | | Fontă cu grafit nodular (SGI) |
| FGE 60-2 | A476, 80-60-03 | Vc 60-2 | 422 306 | | | Fontă cu grafit nodular (SGI) |
| FGE 70-2 | A536, 100-70-03 | Vc 70-2 | | | | Fontă cu grafit nodular (SGI) |
| | 1600/1300/- | | | | | Fontă ductilă (ADI) |
| | 1050/700/7 | | | | | Fontă ductilă (ADI) |
| | 1200/850/4 | | | | | Fontă ductilă (ADI) |
| | 1400/1100/1 | | | | | Fontă ductilă (ADI) |
| | 850/550/10 | | | | | Fontă ductilă (ADI) |
| | A436 Type 2 | | | Ni-Resist 2 | | Fontă austenitică cu grafit lamelar |
| | A436 Type 3 | | | Ni-Resist 3 | | Fontă austenitică cu grafit lamelar |
| | A436 Type 1 | | | Ni-Resist 1 | | Fontă austenitică cu grafit lamelar |
| | | | | Nodumag | | Fontă austenitică cu grafit lamelar |
| | A436 Type D-2 | | | Ni-Resist D-2 | | Fontă austenitică cu grafit lamelar |
| | A439 Type D-2M | | | Ni-Resist D-2M | | Fontă austenitică cu grafit lamelar |
| | A436 Type D-3 | | | Ni-Resist D-3 | | Fontă austenitică cu grafit lamelar |
| | A439 Type D-5 | | | Ni-Resist D-5 | | Fontă austenitică cu grafit lamelar |
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| | B26 | | | | | |
| | A380 | | | | | |
| | AZ61A | | | | | |
| | AZ80A | | | | | |
| | AMS 4442 | | | | | |
| | B85 | | | | | |
| | A413.2 | | | | | |
| | | | | | | |
| | B390.0 | | | | | |
| | CA952 | BrA9ZH3L | | | | |
| | CA955 | BrA10ZH4N4L | | | | |
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| | CA937 | | | | | |
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| | | BrOF6.5-0.15 | | | | |
| | | L90 | | | | |
| | | LOMsh70-1-0.05 | | | | |
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| | | LO60-1 | | | | |
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| | | LAMsh77-2-0.05 | | | | |

| SMG | EN | EN-Nr | W.-Nr | DIN | AFNOR | BS | UNI | JIS | SS | UNS |
|---|---|---|---|---|---|---|---|---|---|---|
| S1 | | | | | | | | | | |
| S2 | | | | | | | | | | |
| S3 | NiMo30 | | 2.4810 | | | | | | | N10002 |
| | NiMo16Cr15W | | 2.4819 | | | | | | | N10276 |
| | | | | | | | | | | |
| | NiCr19Fe19Nb5Mo3 | | 2.4668 | | | | | | | N07718 |
| | | | 2.4669 | | | | | | | N07750 |
| | NiCr20TiAl | | 2.4631 | | | | | | | N07080 |
| | | | | | | | | | | |
| | NiCr19Co18Mo4Ti3Al3 | | | | | | | | | N07500 |
| | NiCr20Co13Mo4Ti3Al | | 2.4654 | | | | | | | N07001 |
| S11 | | | 3.7024 | | | | | | | |
| | | | | | | | | | | R54620 |
| S12 | | | | | | | | | | R56320 |
| | TiAl6V4 | | 3.7164 | | | | | | | R56400 |
| S13 | | | | TiV10Fe2Al3 | | | | | | |
| H3 | 16 MnCr 5 | 1.7131 | 1.7131 | 16 MnCr 5 | 16 MC 5 | 527 M 17 | 16 MnCr 5 | SCR 415 | 2511 | G51170 |
| H5 | C 67S | 1.1231 | 1.1231 | Ck 67 | XC 68 | 060 A 67 | C 70 | | 1770 | G10700 |
| | C 75S | 1.1248 | 1.1248 | Ck 75 | XC 75 | 060 A 78 | C 75 | | 1774, 1778 | G10780 |
| | C 100S | 1.1274 | 1.1274 | Ck 101 | | 060 A 96 | | SUP 4 | 1870 | G10950 |
| | C 105U | 1.1545 | 1.1545 | C 105 W1 | Y1 105 | | C 100 KU | | 1880 | |
| | | | 1.2550 | 60 WCrV 7 | 55 WC 20 | | 55 WCrV 8 KU | | | |
| | 55 Cr 3 | 1.7176 | 1.7176 | 55 Cr 3 | 55 C 3 | 527 A 60 | 55 Cr 3 | SUP 9 (A) | 2253 | G51550 |
| | 42 CrMo 4 | 1.7225 | 1.7225 | 42 CrMo 4 | 42 CD 4 | 708 M 40 | 42 CrMo 4 | SCM 440 (H) | 2244 | G41400 |
| H7 | 107 CrV 3 | 1.2210 | 1.2210 | 115 CrV 3 | 100 C 3 | | 107 CrV 3 KU | | | T61202 |
| | | | 1.2510 | 100 MnCrW 4 | 90 MWCV 5 | BO 1 | 95 MnWCr 5 KU | SKS 3 | 2140 | T31501 |
| | 90 MnCrV 8 | 1.2842 | 1.2842 | 90 MnCrV 8 | 90 MV 8 | BO 2 | 90 MnVCr 8 KU | | | T31502 |
| | 100 Cr 6 | 1.3505 | 1.3505 | 100 Cr 6 | 100 C 6 | 534 A 99 | 100 Cr 6 | SUJ 2 | 2258 | G51986 |
| H8 | X 40 CrMoV 5 1 | 1.2344 | 1.2344 | X 40 CrMoV 5 1 | Z 40 CDV 5 | BH 13 | X 40 CrMo 5 1 1 KU | SKD 61 | 2242 | T20813 |
| | X 100 CrMoV 5 | 1.2363 | 1.2363 | X 100 CrMoV 5 1 | Z 100 CDV 5 | BA 2 | X 100 CrMoV 5 1 KU | SKD 12 | 2260 | T30102 |
| | X 155 CrVMo 12 1 | | 1.2379 | X 155 CrVMo 12 1 | Z 160 CDV 12 | BD 2 | X 155 CrVMo 12 1 KU | SKD 11 | | T30402 |
| | | | 1.2436 | X 210 CrW 12 | | | X 215 CrW 12 1 KU | SKD 2 | 2312 | |
| | | | 1.2601 | X 165 CrMoV 12 | | | X 165 CrMoW 12 KU | | 2310 | |
| | | | 1.2713 | 55 NiCrMoV 6 | 55 NCDV 7 | | | SKT 4 | | T61206 |
| | HS 6-5-2-5 | 1.3243 | 1.3243 | S 6-5-2-5 | Z 85 WDKCV 06-05-05-04-02 | | HS 6-5-2-5 | SKH 55 | 2723 | |
| | HS 2-10-1-8 | 1.3247 | 1.3247 | S 2-10-1-8 | Z 110 DKCWV 09-08- | BM 42 | HS 2-9-1-8 | SKH 51 | | T11342 |
| | HS 18-0-1 | 1.3355 | 1.3355 | S 18-0-1 | Z 80 WCV 18-04-01 | BT 1 | HS 18-0-1 | SKH 2 | | T12001 |
| H11 | X 20 Cr 13 | 1.4021 | 1.4021 | X 20 Cr 13 | Z 20 C 13 | 420 S 37 | X 20 Cr 13 | SUS 420 J 1 | 2303 | S42000 |
| | X 70 CrMo 15 | 1.4109 | 1.4109 | X 65 CrMo 14 | Z 70 D 14 | | | SUS 440 A | | S44002 |
| | X 90 CrMoV 18 | 1.4112 | 1.4112 | X 90 CrMoV 18 | Z 2 CND 18 05 | 409 S 19 | X CrTi 12 | SUS 440 B | 2327 | S44003 |
| | X 105 CrMo 17 | 1.4125 | 1.4125 | X 105 CrMo 17 | Z 100 CD 17 | | X 105 CrMo 17 | SUS 440 C | | S44004 |
| H12 | X 4 CrNiCuNb 16 4 | 1.4540 | 1.4540 | X 4 CrNiCuNb 16 4 | | | | | | S15500 |
| | X 5 CrNiCuNb 16 4 | 1.4542 | 1.4542 | X 5 CrNiCuNb 16 4 | | | | SUS 630 | | S17400 |
| | X 5 CrNiCuNb 16 4 | 1.4542 | 1.4542 | X 5 CrNiCuNb 16 4 | | | | SUS 630 | | S17400 |
| | X 7 CrNiAl 17 7 | 1.4568 | 1.4568 | X 7 CrNiAl 17 7 | Z 9 CAN 17.7 | 301 S 81 | X 7 CrNiAl 17 7 | SUS 631 | 2388 | S17700 |
| | X 8 CrNiMoAl 15 7 5 | 1.4574 | 1.4574 | X 8 CrNiMoAl 15 7 5 | | | | | | S15700 |
| | X 6 NiCrTiMoV 25 15 | 1.4980 | 1.4943 | X 4 NiCrTi 25 15 | Z 6 NCTDV 25.15 | HR 51 | | SUH 660 | 2570 | S66286 |
| | X 2 NiCoMo 18 8 5 | 1.6359 | 1.6359 | X 2 NiCoMo 18 8 5 | | S 162 | | | | K92890 |
| | X 2 NiCoMoTi 18 9 5 | 1.6358 | 1.6358 | X 2 NiCoMoTi 18 9 5 | Z 2 NKD 19-09 | | | | | K93120 |
| | X 2 NiCoMoTi 18 9 5 | 1.6358 | 1.6358 | X 2 NiCoMoTi 18 9 5 | Z 2 NKD 19-09 | | | | | K93120 |
| | X 2 NiCoMoTi 18 12 4 | 1.6356 | 1.6356 | X 2 NiCoMoTi 18 12 4 | | | | | | K93160 |
| H21 | X 120 Mn 12 | 1.3401 | 1.3401 | X 120 Mn 12 | Z 120 M 12 | BW 10 | | SC MnH 1 | 2183 | |
| H31 | EN-GJN-HV520 | 0.9620 | 0.9620 | G-X330 NiCr 4 2 | FB Ni4 Cr2 BC | Grade 2 A | | | 05 12-00 | F45001 |
| | EN-GJN-HV550 | 0.9625 | 0.9625 | G-X260 NiCr 4 2 | FB Ni4 Cr2 HC | Grade 2 B | | | 05 13-00 | F45000 |
| | EN-GJN-HV600(XCr11) | 0.9630 | 0.9630 | G-X300 CrNiSi 9 5 2 | FB Cr9 Ni5 | Grade 2 C, D, E | | | 04 57-00 | F45003 |

| U.N.E./ I.H.A. | AISI / ASTM | GOST | ČSN | Diverse Mărci | Condiţie | Structura |
|---|---|---|---|---|---|---|
| | | | | Discalloy | Îmbătrânit | |
| | | | | Haynes 25 | | |
| | | | | Stellite 21 | | |
| | | | | Hastelloy C | | |
| | | KHN65MV | | Hastelloy C-276 | | |
| | | | | IN 100 | | |
| | | | | Inconel 718 | | |
| | | | | Inconel X-750 | Normalizat în soluţie | |
| | | | | Nimonic 80A | | |
| | | | | René 41 | | |
| | | | | Udimet 500 | | |
| | | | | Waspalloy | | |
| | | | | Ti | Pur comercial | Ti (α) |
| | AMS 4919 | | | Ti 6-2-4-2 | Recopt | Ti (α) |
| | AMS 4943 | | | Ti 3Al-2.5V (grd 9) | Recopt | Ti (α+β) |
| | AMS 4920, Grade 5 | VT6 | | Ti 6Al-4V | Recopt | Ti (α+β) |
| | AMS 4986 | | | Ti 10V-2Fe-3Al | Recopt | Ti (β) |
| F.1516 | 5115 | 12KHN2 | 14 220 | | Cementat | |
| F.5103 | 1070 | 70 | | | Călit şi temperat | |
| F.5107 | 1078, 1080 | 75 | | | Călit şi temperat | |
| F.5117 | 1095 | | | | Călit şi temperat | |
| F.5118 | W1 | U10A | | | Călit şi temperat | |
| | S1 | 5KHV2SF | | | Călit şi temperat | |
| | 5155 | | | | Călit şi temperat | |
| F.1252 | 4142, 4140 | 38HM | 15 142 | | Călit şi temperat | |
| F.520L | L2 | 11KHF | | | Călit şi temperat | |
| F.5220 | O1 | 9KHVG | | | Călit şi temperat | |
| | O2 | 9G2F | | | Călit şi temperat | |
| F.5230 | 52100 | SHKH15 | 14 109 | | Călit şi temperat | |
| F.5318 | H13 | 4KH5MF1S | | | Călit şi temperat | |
| F.5227 | A2 | 9KH5VF | | | Călit şi temperat | |
| F.5211 | D2 | KH12MF | | | Călit şi temperat | |
| F.5213 | | KH12 | | | Călit şi temperat | |
| | | KH12MF | | | Călit şi temperat | |
| F.520.S | L6 | 5KHNM | | | Călit şi temperat | |
| F.5613 | M35 | R6M5K5 | | | Călit şi temperat | |
| | M42 | R2AM9K5 | | | Călit şi temperat | |
| | T1 | R18 | | | Călit şi temperat | |
| F.5261 | 420 | 20KH13 | 17 022 | | Călit şi temperat | Martensitic |
| | 440 A | | | | Călit şi temperat | Martensitic |
| | 440 B | 95KH18 | | | Călit şi temperat | Martensitic |
| | 440 C | 95KH18 | | | Călit şi temperat | Martensitic |
| | XM-12 | | | 15-5 PH | H900 | Martensitic |
| | SAE 630 | | | 17-4 PH | H1025 | Martensitic |
| | SAE 630 | | | 17-4 PH | H900 | Martensitic |
| | AMS 5528 | 09KH17N7YU1 | | 17-7 PH | TH1050 | Martensitic |
| | 632 | | | PH 15-7 Mo | TH1050 | Martensitic |
| | 660 | | | A286 | Îmbătrânit | Austenitic |
| | AMS 6512 | | | Marage 250 | Îmbătrânit | Martensitic |
| | AMS 6521 | | | Marage 300 | Îmbătrânit | Martensitic |
| | AMS 6521 | | | Marage 300 | Îmbătrânit | Martensitic |
| | AMS 6515 | | | Marage 350 | Îmbătrânit | Martensitic |
| | A128 Grade A | | | Hadfield | | |
| | A532 IB (NiCr-LC | | | Ni-Hard 2 | | Fontă albă |
| | A532 IA (NiCr-HC) | | | Ni-Hard 1 | | Fontă albă |
| | A532 ID (Ni-HiCr) | | | Ni-Hard 4 | | Fontă albă |

## Plăcuţe amovibile și scule din carbură cementată

Plăcuţele amovibile cementate și sculele din carbură solidă de la Seco Tools nu sunt cuprinse în gama de produse la care se referă următoarele cerinţe. Cu toate acestea, Seco Tools poate face următoarea declaraţie:
Aceste produse întrunesc toate cerinţele în RoHS “Restriction of the use of certain Hazardous Substances in electrical and electronic equipment” (Restricţionarea utilizării de anumite Substanţe Periculoase în echipamentele electronice și electrice) WEEE “Waste Electrical & Electronic Equipment” ( Deșeuri Electrice și Electronice)și ELV “End of Life Vehicles” (Sfârșitul duratei de viaţă a autovehiculelor)
Produsele nu conţin mercur, plumb, crom hexavalent, cadmiu, CFC, HCFC, materiale ignifuge sau solvenţi în concentraţii care depășesc limitele legale.

**Rectificare:**
Rectificarea umedă sau uscată poate produce nori de praf și ceaţă care pot fi dăunătoare și pot irita pielea, ochii, nasul gâtul care poate rezulta în afecţiuni ale plămânilor. Pentru a evita acestea folosiţi echipamente și măsuri de protecţie.

**Reciclare:**
Seco Tools va cumpăra inapoi plăcuţele amovibile și sculele din carbură folosite, pentru reciclare. Plăcuţele amovibile trebuie să fie separate de alte reziduri de metale (oţel, aluminiu, cupru,etc).
Toate materialele în care sunt împachetate produsele Seco sunt reciclabile.

## Plăcuţe amovibile CBN și PCD

Plăcuţele amovibile de la Seco Tools nu sunt cuprinse în gama de produse la care se referă următoarele cerinţe. Cu toate acestea, Seco Tools poate face următoarea declaraţie:
Aceste produse întrunesc toate cerinţele în RoHS “Restriction of the use of certain Hazardous Substances in electrical and electronic equipment” (Restricţionarea utilizării de anumite Substanţe Periculoase în echipamentele electronice și electrice) WEEE “Waste Electrical & Electronic Equipment” ( Deșeuri Electrice și Electronice)și ELV “End of Life Vehicles” (Sfârșitul duratei de viaţă a autovehiculelor)
Produsele nu conţin mercur, plumb, crom hexavalent, cadmiu, CFC, HCFC, materiale ignifuge sau solvenţi în concentraţii care depășesc limitele legale.

**Rectificare:**
Rectificarea umedă sau uscată poate produce nori de praf și ceaţă care pot fi dăunătoare și pot irita pielea, ochii, nasul gâtul care poate rezulta în afecţiuni ale plămânilor. Pentru a evita acestea folosiţi echipamente și măsuri de protecţie.

**Reciclare:**
Seco Tools va cumpăra inapoi plăcuţele amovibile CBN și PCD folosite, pentru reciclare. Plăcuţele amovibile trebuie să fie separate de alte reziduri de metale (oţel, aluminiu, cupru,etc). Plăcuţele solide CBN pot fi prelucrate ca deșeuri ordinare.
Toate materialele în care sunt împachetate produsele Seco sunt reciclabile.

## Suporţi pentru plăcuţe din oxid negru

Sculele de la Seco Tools nu sunt cuprinse în gama de produse la care se referă următoarele cerinţe. Cu toate acestea, Seco Tools poate face următoarea declaraţie:
Aceste produse întrunesc toate cerinţele în RoHS “Restriction of the use of certain Hazardous Substances in electrical and electronic equipment” (Restricţionarea utilizării de anumite Substanţe Periculoase în echipamentele electronice și electrice) WEEE “Waste Electrical & Electronic Equipment” ( Deșeuri Electrice și Electronice)și ELV “End of Life Vehicles” (Sfârșitul duratei de viaţă a autovehiculelor)
Produsele nu conţin mercur, plumb, crom hexavalent, cadmiu, CFC, HCFC, materiale ignifuge sau solvenţi în concentraţii care depășesc limitele legale.

**Reciclare:**
Sculele pot fi trimise spre reciclare împreună cu alte reziduuri din oţel.
Toate materialele în care sunt împachetate produsele Seco sunt reciclabile.

## Plăcuţe amovibile Cermet

Plăcuţele amovibile de la Seco Tools nu sunt cuprinse în gama de produse la care se referă următoarele cerinţe. Cu toate acestea, Seco Tools poate face următoarea declaraţie:
Aceste produse întrunesc toate cerinţele în RoHS “Restriction of the use of certain Hazardous Substances in electrical and electronic equipment” (Restricţionarea utilizării de anumite Substanţe Periculoase în echipamentele electronice și electrice) WEEE “Waste Electrical & Electronic Equipment” ( Deșeuri Electrice și Electronice)și ELV “End of Life Vehicles” (Sfârșitul duratei de viaţă a autovehiculelor)
Plăcuţele cermet C15M conţin nichel și vor lăsa pete în contact cu pielea. Concentraţia de nichel este mai mare decât cea specificată în norma SS-EN-1811, metoda de referintă pentru produsele ce conţin nichel și sunt destinate pentru a veni în contact cu pielea în mod direct și prelungit. Aceste norme sunt destinate pentru produsele care vin în contact direct și prelungit cu pielea și de accea nu sunt aplicabile pentru plăcuţele amovibile cermet. Persoanele care știu că au reacţii alergice la contactul cu nichelul sunt sfătuiţi să poarte mănuși protectoare când manipulează plăcuţele amovibile din cermet.

**Rectificare:**
Rectificarea umedă sau uscată poate produce nori de praf și ceaţă care pot fi dăunătoare și pot irita pielea, ochii, nasul gâtul care poate rezulta în afecţiuni ale plămânilor. Pentru a evita acestea folosiţi echipamente și măsuri de protecţie.

**Reciclare:**
Plăcuţele amovibile folosite pot fi reciclate. Plăcuţele amovibile trebuie să fie separate de alte reziduri de metale (oţel, aluminiu, cupru,etc) inclusiv plăcuţele din carbură.
Toate materialele în care sunt împachetate produsele Seco sunt reciclabile.

## Scule acoperite cu nichel

Sculele de la Seco Tools nu sunt cuprinse în gama de produse la care se referă următoarele cerinţe. Cu toate acestea, Seco Tools poate face următoarea declaraţie:
Aceste produse întrunesc toate cerinţele în RoHS “Restriction of the use of certain Hazardous Substances in electrical and electronic equipment” (Restricţionarea utilizării de anumite Substanţe Periculoase în echipamentele electronice și electrice) WEEE “Waste Electrical & Electronic Equipment” ( Deșeuri Electrice și Electronice)și ELV “End of Life Vehicles” (Sfârșitul duratei de viaţă a autovehiculelor)
Produsele nu conţin mercur, plumb, crom hexavalent, cadmiu, CFC, HCFC, materiale ignifuge sau solvenţi în concentraţii care depășesc limitele legale.
Scule conţin nichel și vor lăsa pete în contact cu pielea. Concentraţia de nichel este mai mare decât cea specificată în norma SS-EN-1811, metoda de referintă pentru produsele ce conţin nichel și sunt destinate pentru a veni în contact cu pielea în mod direct și prelungit.
Aceste norme sunt destinate pentru produsele care vin în contact direct și prelungit cu pielea și de accea nu sunt aplicabile pentru sculele acoperite cu nichel. Persoanele care știu că au reacţii alergice la contactul cu nichelul sunt sfătuiţi să poarte mănuși protectoare când manipulează sculele acoperite cu nichel.

**Reciclare:**
Sculele pot fi trimise spre reciclare împreună cu alte reziduuri din oţel.
Toate materialele în care sunt împachetate produsele Seco sunt reciclabile.

## Materialele din compoziţia plăcuţelor amovibile

| Calitate | Carbură cementată | | | | | | | | | | | Acoperirea | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | W | Ti | Ta | Nb | Co | Cr | Ni | Mo | C | N | Ru | Ti | Al | C | N | O | Si | Nb |
| CP20 | ■ | | | | ■ | | | | ■ | | | ■ | | | ■ | | | |
| CP200 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| CP300 | ■ | ■ | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | | ■ | | | |
| CP500 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| CP600 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| C15M | ■ | ■ | ■ | ■ | ■ | | ■ | ■ | ■ | ■ | | | | | | | | |
| CF | ■ | | ■ | | ■ | | ■ | ■ | ■ | | | | | | | | | |
| CM | ■ | | ■ | | ■ | | ■ | ■ | ■ | | | | | | | | | |
| DP2000 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| DP2501 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| DP3000 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| DS2050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | ■ |
| DS4050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | ■ |
| F15M | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| F25M | ■ | ■ | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | | ■ | | | |
| F30M | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| F40M | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| HX | ■ | | ■ | | ■ | | | | ■ | | | | | | | | | |
| H02 | ■ | | ■ | | ■ | ■ | | | ■ | | | | | | | | | |
| H15 | ■ | | | | ■ | ■ | | | ■ | | | | | | | | | |
| H25 | ■ | | | | ■ | ■ | | | ■ | | | | | | | | | |
| KX | ■ | | | | ■ | ■ | | | ■ | | | | | | | | | |
| MH1000 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| MH1051 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | ■ | |
| MK1500 | ■ | | ■ | | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| MK1501 | ■ | | ■ | | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| MK2050 | ■ | | ■ | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | ■ | |
| MM4500 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
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| MP2501 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| MP3000 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| MP3501 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| MS2500 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| MS2050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | ■ |
| RX1500 | ■ | | ■ | | ■ | | ■ | ■ | ■ | | | ■ | ■ | | ■ | | | |
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| RS2090 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | | | ■ | |
| T350M | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| T25M | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | | ■ | ■ | | | |
| TGH1050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | ■ | |
| TGK1500 | ■ | | ■ | | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| TGP25 | ■ | ■ | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| TGP35 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| TGP45 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
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| Calitate | Carbură cementată | | | | | | | | | | | Acoperirea | | | | | | |
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| | W | Ti | Ta | Nb | Co | Cr | Ni | Mo | C | N | Ru | Ti | Al | C | N | O | Si | Nb |
| TM3501 | ■ | | | | ■ | | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| TM4000 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| TP0501 | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | | | ■ | ■ | ■ | ■ | ■ | | |
| TP1020 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | | | | | | | |
| TP1030 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | | ■ | | ■ | |
| TP1501 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| TP25 | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| TP200 | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
| TP2501 | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | | |
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| TP40 | ■ | | ■ | ■ | ■ | | | | ■ | | | ■ | | ■ | ■ | | | |
| TS2000 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| TS2050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | ■ | |
| TS2500 | ■ | | ■ | | ■ | | | | ■ | | | ■ | ■ | | ■ | | | |
| TTP2050 | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | ■ | |
| T250D | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| T400D | ■ | | | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
| T100R | ■ | | ■ | | ■ | ■ | | | ■ | | | ■ | ■ | | ■ | | | |
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