



ROTARY BURRS

Material code (BMC)		HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
Burr Type Code (BTC)		DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC
Burr Shape													
Coating													
Basic standard group (BSG)													
Application angle													
Burr end shot													
Product Family Code		P801	P801C	P803	P803C	P805	P805C	P807	P807C	P809	P811	P811C	P813
PSF cutting diameters range		3.00 – 16.00	3.00 – 12.70	3.00 – 16.00	3.00 – 12.70	3.00 – 16.00	3.00 – 12.70	3.00 – 16.00	3.00 – 12.70	3.00 – 16.00	3.00 – 16.00	3.00 – 12.70	3.00 – 16.00
		182	183	184	185	186	187	188	189	190	191	192	193
P	P1	■	■	■	■	■	■	■	■	■	■	■	■
	P2	■	■	■	■	■	■	■	■	■	■	■	■
	P3	■	■	■	■	■	■	■	■	■	■	■	■
	P4	■	■	■	■	■	■	■	■	■	■	■	■
M	M1	■	■	■	■	■	■	■	■	■	■	■	■
	M2	■	■	■	■	■	■	■	■	■	■	■	■
	M3	■	■	■	■	■	■	■	■	■	■	■	■
	M4	■	■	■	■	■	■	■	■	■	■	■	■
K	K1	■	■	■	■	■	■	■	■	■	■	■	■
	K2	■	■	■	■	■	■	■	■	■	■	■	■
	K3	■	■	■	■	■	■	■	■	■	■	■	■
	K4	■	■	■	■	■	■	■	■	■	■	■	■
	K5	■	■	■	■	■	■	■	■	■	■	■	■
N	N1												
	N2												
	N3	■	■	■	■	■	■	■	■	■	■	■	■
	N4												
	N5												
S	S1	■	■	■	■	■	■	■	■	■	■	■	■
	S2	■	■	■	■	■	■	■	■	■	■	■	■
	S3	■	■	■	■	■	■	■	■	■	■	■	■
	S4	■	■	■	■	■	■	■	■	■	■	■	■
H	H1	■	■	■	■	■	■	■	■	■	■	■	■
	H2	■	■	■	■	■	■	■	■	■	■	■	■
	H3	■	■	■	■	■	■	■	■	■	■	■	■
	H4	■	■	■	■	■	■	■	■	■	■	■	■

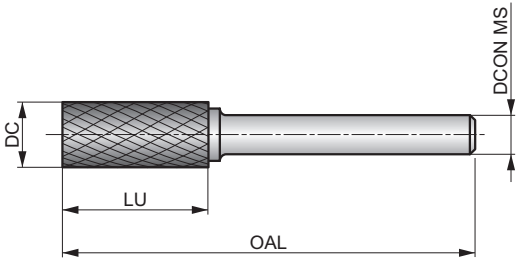
	HM DC H Bright 	HM DC H TIAlN 	HM DC J Bright  	HM DC K Bright  	HM DC L Bright 	HM DC L TIAlN 	HM DC M Bright 	HM DC N Bright 								
																
	P815	P815C	P817	P819	P821	P821C	P823	P825								
	3.00 – 16.00	8.00 – 12.70	3.00 – 16.00	3.00 – 16.00	3.00 – 16.00	3.00 – 12.70	3.00 – 16.00	3.00 – 16.00								
	 195	 196	 197	 198	 199	 200	 201	 202								
P1	■	■	■	■	■	■	■	■								
P2	■	■	■	■	■	■	■	■								
P3	■	■	■	■	■	■	■	■								
P4	■	■	■	■	■	■	■	■								
M1	■	■	■	■	■	■	■	■								
M2	■	■	■	■	■	■	■	■								
M3	■	■	■	■	■	■	■	■								
M4	■	■	■	■	■	■	■	■								
K1	■	■	■	■	■	■	■	■								
K2	■	■	■	■	■	■	■	■								
K3	■	■	■	■	■	■	■	■								
K4	■	■	■	■	■	■	■	■								
K5	■	■	■	■	■	■	■	■								
N1																
N2																
N3	■	■	■	■	■	■	■	■								
N4																
N5																
S1	■	■	■	■	■	■	■	■								
S2	■	■	■	■	■	■	■	■								
S3	■	■	■	■	■	■	■	■								
S4	■	■	■	■	■	■	■	■								
H1	■	■	■	■	■	■	■	■								
H2	■	■	■	■	■	■	■	■								
H3	■	■	■	■	■	■	■	■								
H4	■	■	■	■	■	■	■	■								

P801



Rotary Burr – Cylinder without endcut, Shape A, Bright Finish

DC double cut flute style with close spaced edges for trimming and deburring surfaces. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		
DC		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8013.0X3.0	3.00	3.00	14.00	38.0
P8016.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P8016.0X6.0	6.00	6.00	18.00	50.0
P8018.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P8019.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P80112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0
P80116.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

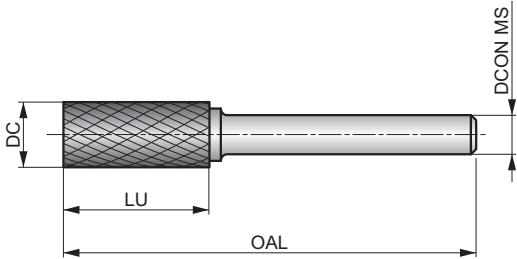
P801C





Rotary Burr – Cylinder without endcut, Shape A, TiAlN Coating

DC double cut flute style with close spaced edges for trimming and deburring surfaces. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM		
DC		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P801C3.0X3.0	3.00	3.00	14.00	38.0
P801C6.0X6.0	6.00	6.00	18.00	50.0
P801C8.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P801C9.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P801C12.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

¹⁾ Brazed on steel shank

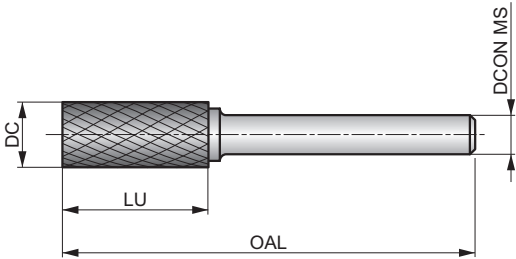
P803

DORMER



Rotary Burr – Cylinder with endcut, Shape B, Bright Finish

DC double cut flute style with close spaced edges for trimming and deburring surfaces and right-angled corners. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	▣
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880 or P890.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8033.0X3.0	3.00	3.00	14.00	38.0
P8036.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P8036.0X6.0	6.00	6.00	18.00	50.0
P8038.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P8039.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P80312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0
P80316.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

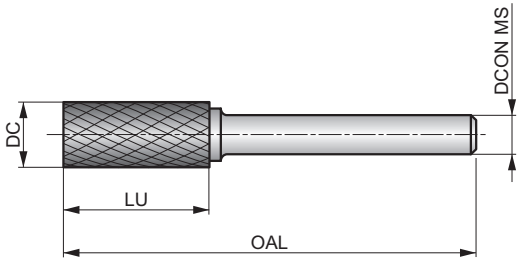
P803C





Rotary Burr – Cylinder with endcut, Shape B, TiAlN Coating

DC double cut flute style with close spaced edges for trimming and deburring surfaces and right-angled corners. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM







DC





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P803C3.0X3.0	3.00	3.00	14.00	38.0
P803C6.0X6.0	6.00	6.00	18.00	50.0
P803C8.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P803C9.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P803C12.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

¹⁾ Brazed on steel shank

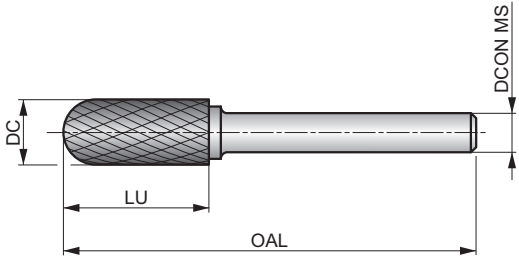
P805

DORMER



Rotary Burr – Ball Nosed Cylinder, Shape C, Bright Finish

DC double cut flute style with close spaced edges for trimming and deburring contours and circular arcs. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		Bright
DC		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	▣
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880 or P890.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8053.0X3.0	3.00	3.00	14.00	38.0
P8056.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P8056.0X6.0	6.00	6.00	18.00	50.0
P8058.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P8059.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P80512.7X6.0 ¹⁾	12.70	6.00	25.00	70.0
P80516.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

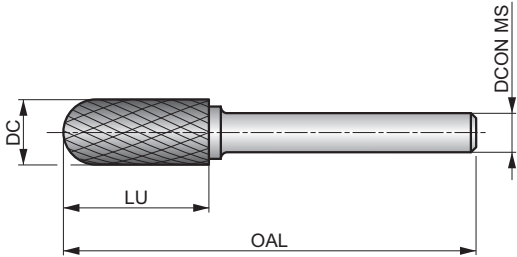
P805C

 **DORMER**



Rotary Burr – Ball Nosed Cylinder, Shape C, TiALN Coating

DC double cut flute style with close spaced edges for trimming and deburring contours and circular arcs. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. TiALN coating for increased tool life, reduced friction and improved swarf evacuation.



HM		
DC		
		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P805C3.0X3.0	3.00	3.00	14.00	38.0
P805C6.0X6.0	6.00	6.00	18.00	50.0
P805C8.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P805C9.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P805C12.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

¹⁾ Brazed on steel shank

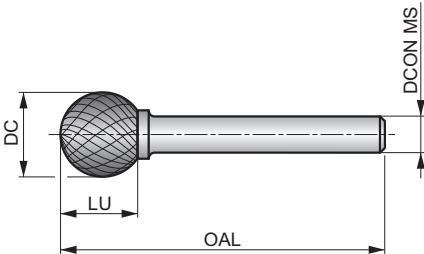
P807

 **DORMER**



Rotary Burr – Ball, Shape D, Bright Finish

DC double cut flute style with close spaced edges for intricate carving, metal engraving and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		Bright
DC		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8073.0X3.0	3.00	3.00	2.50	38.0
P8074.0X3.0	4.00	3.00	3.40	38.0
P8076.3X3.0 ¹⁾	6.30	3.00	5.00	38.0
P8076.0X6.0	6.00	6.00	4.70	50.0
P8078.0X6.0 ¹⁾	8.00	6.00	6.00	52.0
P8079.6X6.0 ¹⁾	9.60	6.00	8.00	54.0
P80712.7X6.0 ¹⁾	12.70	6.00	11.00	56.0
P80716.0X6.0 ¹⁾	16.00	6.00	14.00	59.0

¹⁾ Brazed on steel shank

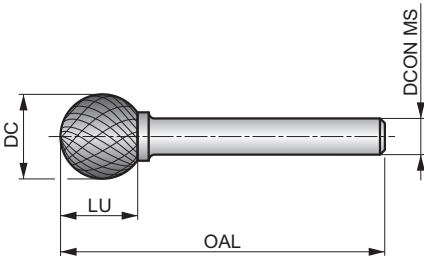
P807C

 **DORMER**



Rotary Burr – Ball, Shape D, TiAlN Coating

DC double cut flute style with close spaced edges for intricate carving, metal engraving and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM		
DC		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P807C3.0X3.0	3.00	3.00	2.50	38.0
P807C6.0X6.0	6.00	6.00	4.70	50.0
P807C8.0X6.0 ¹⁾	8.00	6.00	6.00	52.0
P807C9.6X6.0 ¹⁾	9.60	6.00	8.00	54.0
P807C12.7X6.0 ¹⁾	12.70	6.00	11.00	56.0

¹⁾ Brazed on steel shank

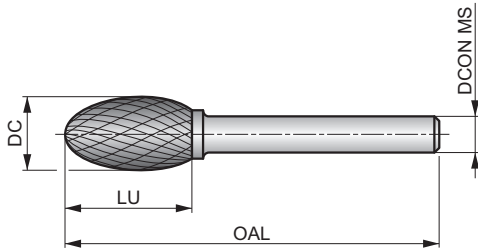
P809

 DORMER



Rotary Burr – Oval, Shape E

DC double cut flute style with close spaced edges for round edge contouring. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughend and hardened steel shank.



HM		
DC		
		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8093.0X3.0	3.00	3.00	6.00	38.0
P8096.3X3.0 ¹⁾	6.30	3.00	9.50	42.0
P8096.0X6.0	6.00	6.00	10.00	50.0
P8098.0X6.0 ¹⁾	8.00	6.00	15.00	60.0
P8099.6X6.0 ¹⁾	9.60	6.00	16.00	60.0
P80912.7X6.0 ¹⁾	12.70	6.00	22.00	67.0
P80916.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

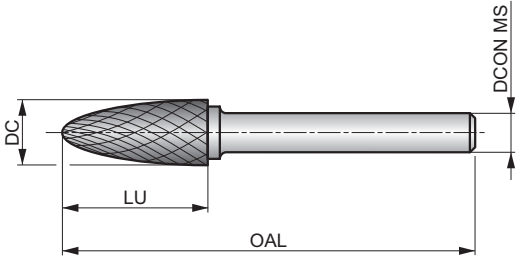
P811





Rotary Burr – Ball Nosed Tree, Shape F, Bright Finish

DC double cut flute style with close spaced edges for multi-angle contouring, rounding of edges and cutting into hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM	 Bright	
DC		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880 or P890.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8113.0X3.0	3.00	3.00	14.00	38.0
P8116.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P8116.0X6.0	6.00	6.00	18.00	50.0
P8118.0X6.0 ¹⁾	8.00	6.00	20.00	65.0
P8119.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P81112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0
P81116.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

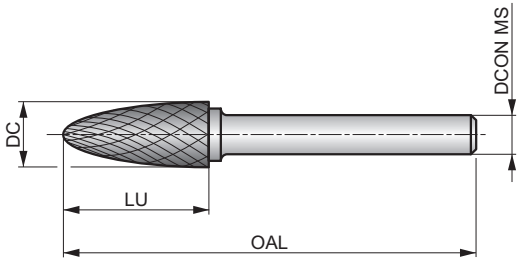
P811C

 DORMER



Rotary Burr – Ball Nosed Tree, Shape F, TiAlN Coating

DC double cut flute style with close spaced edges for multi-angle contouring, rounding of edges and cutting into hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with tough hard steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM		
DC		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P811C3.0X3.0	3.00	3.00	14.00	38.0
P811C6.0X6.0	6.00	6.00	18.00	50.0
P811C9.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P811C12.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

¹⁾ Brazed on steel shank

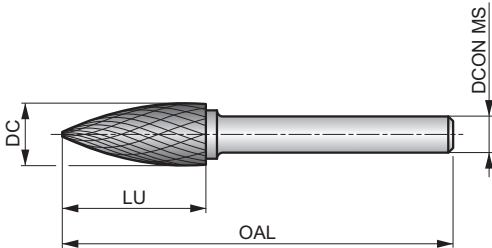
P813

 **DORMER**



Rotary Burr – Pointed Tree, Shape G, Bright Finish

DC double cut flute style with close spaced edges for multi-angle contouring and cutting narrow angles in hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		
DC		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880 or P890.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8133.0X3.0	3.00	3.00	14.00	38.0
P8136.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P8136.0X6.0	6.00	6.00	18.00	50.0
P8138.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P8139.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P81312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0
P81316.0X6.0 ¹⁾	16.00	6.00	25.00	70.0

¹⁾ Brazed on steel shank

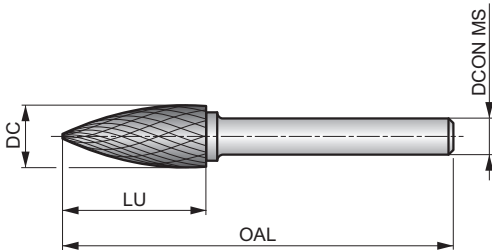
P813C

 DORMER



Rotary Burr – Pointed Tree, Shape G, TiAlN Coating

DC double cut flute style with close spaced edges for multi-angle contouring and cutting narrow angles in hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with tough hard steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM			
DC			

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P813C3.0X3.0	3.00	3.00	14.00	38.0
P813C6.0X6.0	6.00	6.00	18.00	50.0
P813C9.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P813C12.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

¹⁾ Brazed on steel shank

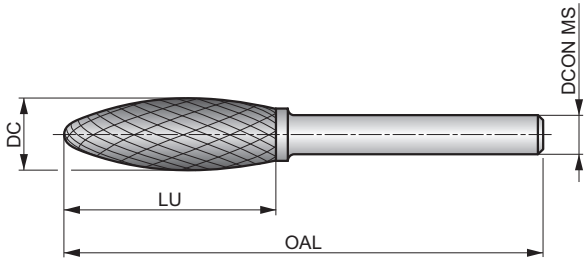
P815

 DORMER



Rotary Burr – Flame, Shape H, Bright Finish

DC double cut flute style with close spaced edges for round edge contouring and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM	 Bright
DC	



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8153.0X3.0	3.00	3.00	6.00	38.0
P8156.0X6.0	6.00	6.00	14.00	50.0
P8158.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P8159.6X6.0 ¹⁾	9.60	6.00	19.00	65.0
P81512.7X6.0 ¹⁾	12.70	6.00	32.00	77.0
P81516.0X6.0 ¹⁾	16.00	6.00	36.00	81.0

¹⁾ Brazed on steel shank

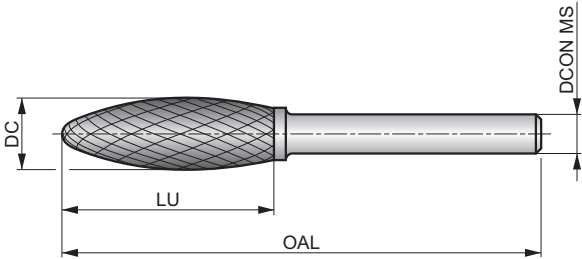
P815C





Rotary Burr – Flame, Shape H, TiAlN Coating

DC double cut flute style with close spaced edges for round edge contouring and welding preparation. Carbide head with toughened and hardened steel shank. TiAlN coating for increased tool life, reduced friction and improved swarf evacuation.



HM		
DC		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

Brazed on Steel Shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P815C8.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P815C12.7X6.0 ¹⁾	12.70	6.00	32.00	77.0

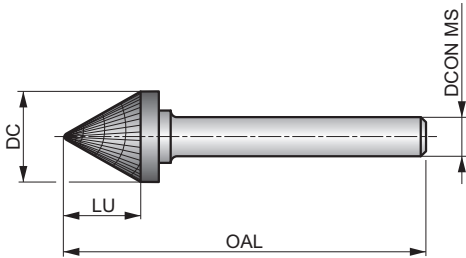
¹⁾ Brazed on steel shank

P817



Rotary Burr – 60° Countersink, Shape J

DC double cut flute style with close spaced edges for chamfering, making v-cuts and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		Bright
60°	DC	



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8173.0X3.0	3.00	3.00	2.50	38.0
P8176.0X6.0	6.00	6.00	4.00	50.0
P8179.6X6.0 ¹⁾	9.60	6.00	8.00	56.0
P81712.7X6.0 ¹⁾	12.70	6.00	11.00	59.0
P81716.0X6.0 ¹⁾	16.00	6.00	14.50	63.0

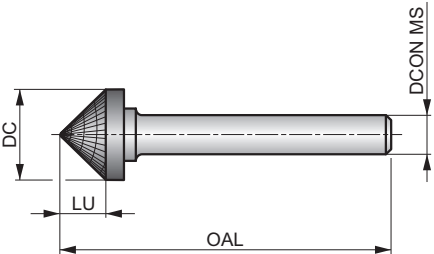
¹⁾ Brazed on steel shank

P819



Rotary Burr – 90° Countersink, Shape K

DC double cut flute style with close spaced edges for chamfering, making v-cuts and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		
	DC	



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8193.0X3.0	3.00	3.00	1.50	38.0
P8196.0X6.0	6.00	6.00	3.00	50.0
P8199.6X6.0 ¹⁾	9.60	6.00	4.70	53.0
P81912.7X6.0 ¹⁾	12.70	6.00	6.30	55.0
P81916.0X6.0 ¹⁾	16.00	6.00	8.00	57.0

¹⁾ Brazed on steel shank

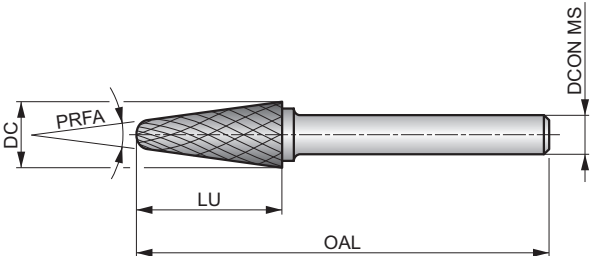
P821

 DORMER



Rotary Burr – Ball Nosed Cone, Shape L, Bright Finish

DC double cut flute style with close spaced edges for enlarging holes, rounding edges and surface finishing in tight narrow angles or other hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM



Bright

DC





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880 or P890.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P8213.0X3.0	3.00	3.00	14.00	38.0	8
P8216.0X6.0	6.00	6.00	18.00	50.0	14
P8218.0X6.0 ¹⁾	8.00	6.00	25.40	70.0	14
P8219.6X6.0 ¹⁾	9.60	6.00	30.00	76.0	14
P82112.7X6.0 ¹⁾	12.70	6.00	32.00	77.0	14
P82116.0X6.0 ¹⁾	16.00	6.00	33.00	78.0	14

¹⁾ Brazed on steel shank

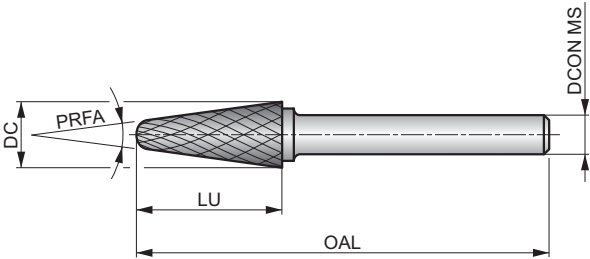
P821C

 **DORMER**



Rotary Burr – Ball Nosed Cone, Shape L, TiAlN Coating

DC double cut flute style with close spaced edges for enlarging holes, rounding edges and surface finishing in tight narrow angles or other hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. TiAlN coating for increased tool life.



HM						
DC						

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P821C3.0X3.0	3.00	3.00	14.00	38.0	8
P821C12.7X6.0 ¹⁾	12.70	6.00	32.00	77.0	14

¹⁾ Brazed on steel shank

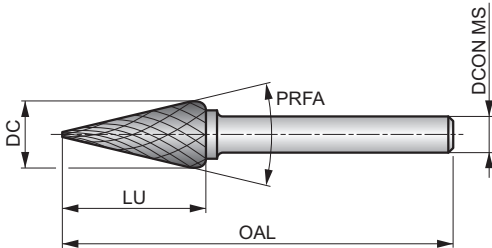
P823

 DORMER



Rotary Burr – Cone, Shape M

DC double cut flute style with close spaced edges for enlarging holes, surface finishing and cutting narrow angles in hard to reach areas. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		
DC		 

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P8233.0X3.0	3.00	3.00	11.00	38.0	14
P8236.3X3.0 ¹⁾	6.30	3.00	12.70	49.0	22
P8236.0X6.0	6.00	6.00	20.00	50.0	14
P8239.6X6.0 ¹⁾	9.60	6.00	16.00	64.0	28
P82312.7X6.0 ¹⁾	12.70	6.00	22.00	71.0	28
P82316.0X6.0 ¹⁾	16.00	6.00	25.00	71.0	31

¹⁾ Brazed on steel shank

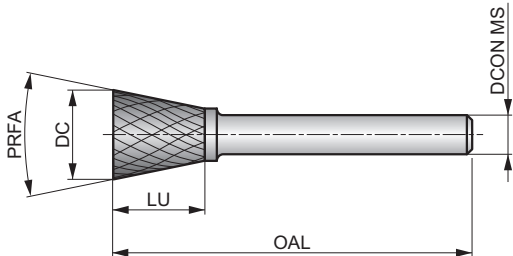
P825

 DORMER



Rotary Burr – Inverted Cone, Shape N

DC double cut flute style with close spaced edges for making inverted v-cuts and rear side chamfering. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank.



HM		
DC		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N3.1	N3.2	N3.3
■	■	■	■	■	■	■	■	■	■	■	■	■	■
S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2
■	■	■	■	■	■	■	■	■	■	■	■	■	■
H4.1	H4.2												
■	■												

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P8253.0X3.0	3.00	3.00	4.00	38.0	10
P8256.3X3.0 ¹⁾	6.30	3.00	6.00	39.0	12
P8256.0X6.0	6.00	6.00	8.00	50.0	10
P8259.6X6.0 ¹⁾	9.60	6.00	9.50	55.0	16
P82512.7X6.0 ¹⁾	12.70	6.00	12.70	58.0	28
P82516.0X6.0 ¹⁾	16.00	6.00	19.00	64.0	18

¹⁾ Brazed on steel shank

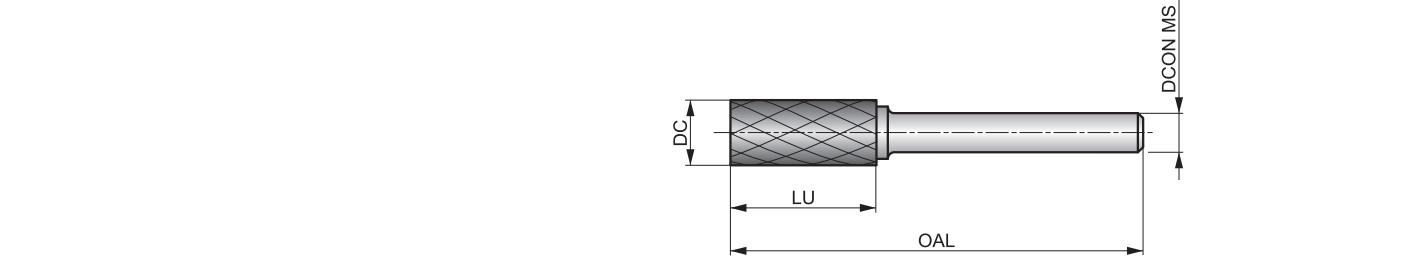
Material code (BMC)		HM	HM	HM	HM	HM	HM	HM	HM				
Burr Type Code (BTC)		ST	ST	ST	ST	ST	ST	ST	ST				
Burr Shape													
Coating		Bright	Bright	Bright	Bright	Bright	Bright	Bright	Bright				
Basic standard group (BSG)													
Burr end shot													
Product Family Code		P701	P703	P705	P707	P709	P711	P713	P715	P721			
PSF cutting diameters range		6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	12.70	6.00 – 12.70	6.00 – 12.70	8.00 – 12.70	9.60 – 12.70			
		204	205	206	207	208	209	210	211	212			
P	P1	■	■	■	■	■	■	■	■	■			
	P2	■	■	■	■	■	■	■	■	■			
	P3	■	■	■	■	■	■	■	■	■			
	P4	■	■	■	■	■	■	■	■	■			
M	M1												
	M2												
	M3												
	M4												
K	K1												
	K2												
	K3												
	K4												
	K5												
N	N1												
	N2												
	N3												
	N4												
	N5												
S	S1												
	S2												
	S3												
	S4												
H	H1												
	H2												
	H3												
	H4												

P701



Rotary Burr – Cylinder without endcut, Shape A

ST single cut flute style with chipbreakers and medium spaced edge for trimming and deburring surfaces. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for steels.



HM		Bright
ST		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7016.0X6.0	6.00	6.00	18.00	50.0
P7018.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P7019.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P70112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

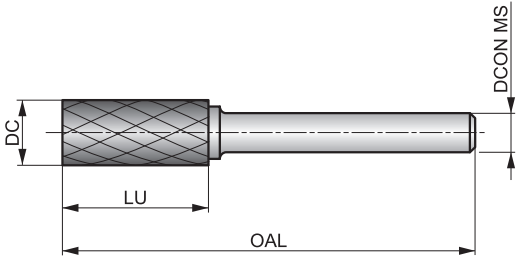
¹⁾ Brazed on steel shank

P703



Rotary Burr – Cylinder with endcut, Shape B

ST single cut flute style with chipbreakers and medium spaced edge for trimming and deburring surfaces and right-angled corners. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for steels.



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7036.0X6.0	6.00	6.00	18.00	50.0
P7038.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P7039.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P70312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

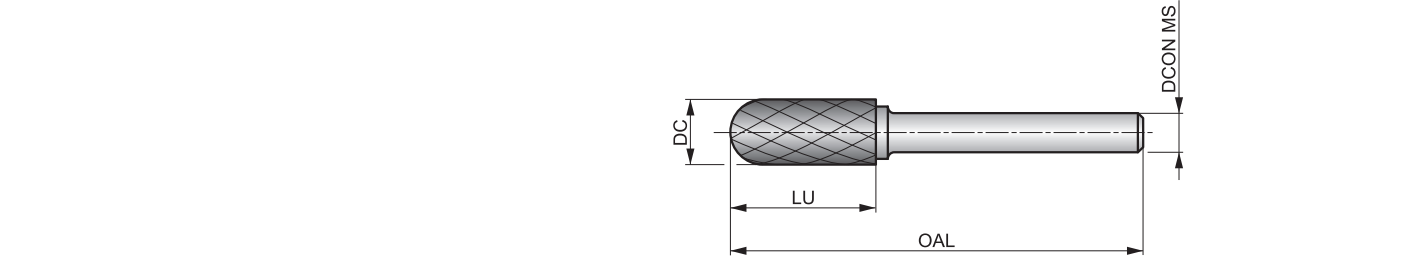
¹⁾ Brazed on steel shank

P705



Rotary Burr – Ball Nosed Cylinder, Shape C

ST single cut flute style with chipbreakers and medium spaced edge for trimming and deburring contours and circular arcs. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for steels.



HM


Bright

ST





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7056.0X6.0	6.00	6.00	18.00	50.0
P7058.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P7059.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P70512.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

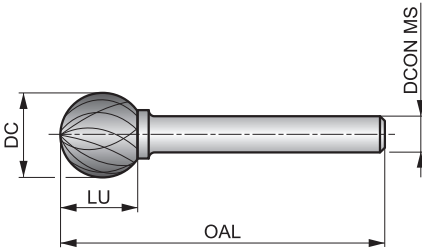
¹⁾ Brazed on steel shank

P707



Rotary Burr – Ball, Shape D

ST single cut flute style with chipbreakers and medium spaced edge for intricate carving, metal engraving and welding preparation. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for steels.



HM		
ST		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7076.0X6.0	6.00	6.00	4.70	50.0
P7078.0X6.0 ¹⁾	8.00	6.00	6.00	52.0
P7079.6X6.0 ¹⁾	9.60	6.00	8.00	54.0
P70712.7X6.0 ¹⁾	12.70	6.00	11.00	56.0

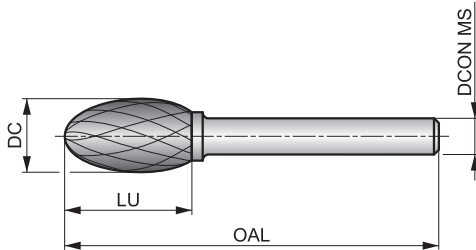
¹⁾ Brazed on steel shank

P709



Rotary Burr – Oval, Shape E

ST single cut flute style with chipbreakers and medium spaced edge for round edge contouring. Carbide head with toughened and hardened steel shank. First choice for steels.



HM		
ST		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

Brazed on Steel Shank with DCON MS tolerance h7.

Product	DC (mm)	DCON MS (mm)	LU (mm)	OAL (mm)
P70912.7X6.0 ¹⁾	12.70	6.00	22.00	67.0

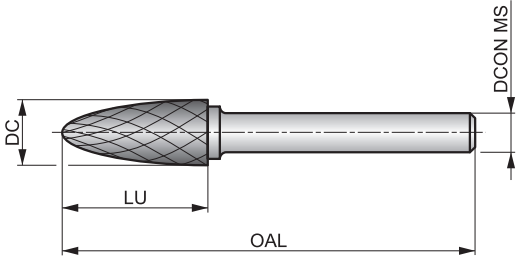
¹⁾ Brazed on steel shank

P711



Rotary Burr – Ball Nosed Tree, Shape F

ST single cut flute style with chipbreakers and medium spaced edge for multi-angle contouring, rounding of edges and cutting into hard to reach areas. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughend and hardened steel shank. First choice for steels.



HM		
ST		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7116.0X6.0	6.00	6.00	18.00	50.0
P7118.0X6.0 ¹⁾	8.00	6.00	20.00	65.0
P7119.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P71112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

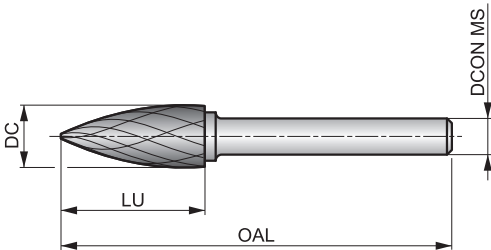
¹⁾ Brazed on steel shank

P713



Rotary Burr – Pointed Tree, Shape G

ST single cut flute style with chipbreakers and medium spaced edge for multi-angle contouring and cutting narrow angles in hard to reach areas. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for steels.



HM

ST

Bright

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7136.0X6.0	6.00	6.00	18.00	50.0
P7138.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P7139.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P71312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

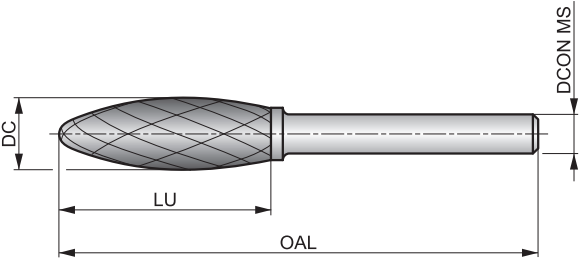
¹⁾ Brazed on steel shank

P715



Rotary Burr – Flame, Shape H

ST single cut flute style with chipbreakers and medium spaced edge for round edge contouring and welding preparation. Carbide head with toughened and hardened steel shank. First choice for steels.



HM		
ST		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

Brazed on Steel Shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P7158.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P71512.7X6.0 ¹⁾	12.70	6.00	32.00	77.0

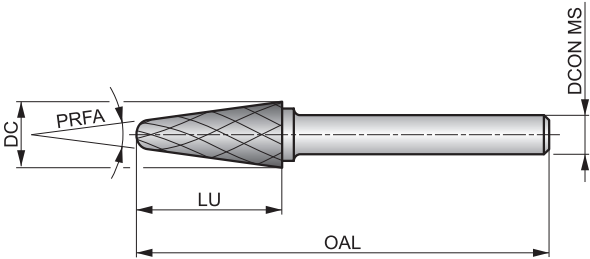
¹⁾ Brazed on steel shank

P721



Rotary Burr – Ball Nosed Cone, Shape L

ST single cut flute style with chipbreakers and medium spaced edge for enlarging holes, rounding edges and surface-finishing in tight narrow angles or other hard to reach areas. Carbide head with toughened and hardened steel shank. First choice for steels.



HM		
ST		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3
■	■	■	■	■	■	■	■	■	■	■	■

Brazed on Steel Shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P72110.0X6.0 ¹⁾	10.00	6.00	20.00	65.0	14
P7219.6X6.0 ¹⁾	9.60	6.00	30.00	76.0	14
P72112.7X6.0 ¹⁾	12.70	6.00	32.00	77.0	14

¹⁾ Brazed on steel shank

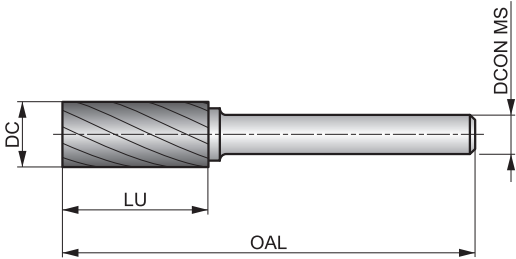
☒ Primary use ☐ Possible use
 213

P601



Rotary Burr – Cylinder without endcut, Shape A

VA single cut flute style with medium spaced edges for trimming and deburring surfaces. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM		
VA		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6013.0X3.0	3.00	3.00	14.00	38.0
P6016.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P6016.0X6.0	6.00	6.00	18.00	50.0
P6018.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P6019.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P60112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

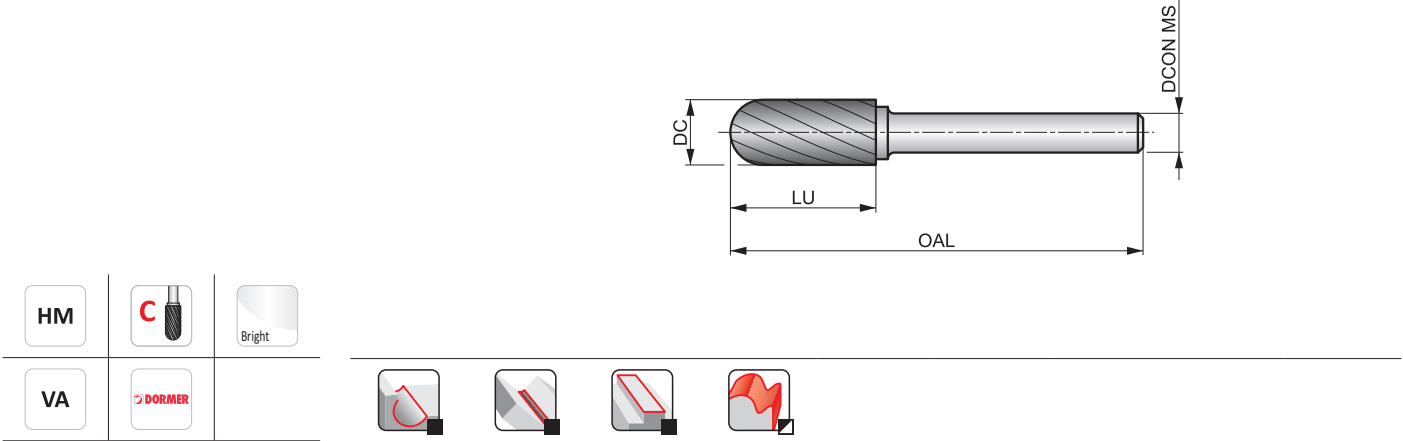
¹⁾ Brazed on steel shank

P605



Rotary Burr – Ball Nosed Cylinder, Shape C

VA single cut flute style with medium spaced edges for trimming and deburring contours and circular arcs. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for stainless steels.



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	□	□

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6053.0X3.0	3.00	3.00	14.00	38.0
P6056.3X3.0 ¹⁾	6.30	3.00	12.70	45.0
P6056.0X6.0	6.00	6.00	18.00	50.0
P6058.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P6059.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P60512.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

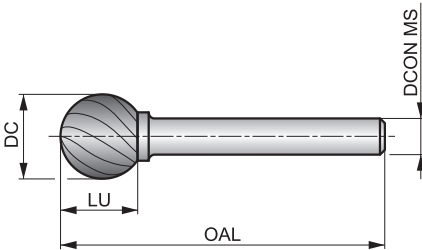
¹⁾ Brazed on steel shank

P607



Rotary Burr – Ball, Shape D

VA single cut flute style with medium spaced edges for intricate carving, metal engraving and welding preparation. Carbide design for cutting diameter up to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM



Bright

VA





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

DC ≤ 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6073.0X3.0	3.00	3.00	2.50	38.0
P6076.3X3.0 ¹⁾	6.30	3.00	5.00	38.0
P6076.0X6.0	6.00	6.00	4.70	50.0
P6078.0X6.0 ¹⁾	8.00	6.00	6.00	52.0
P6079.6X6.0 ¹⁾	9.60	6.00	8.00	54.0
P60712.7X6.0 ¹⁾	12.70	6.00	11.00	56.0

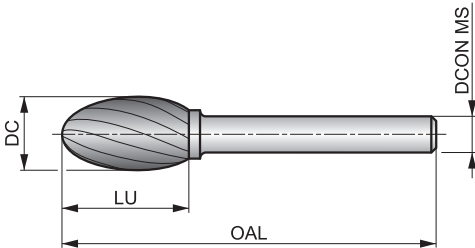
¹⁾ Brazed on steel shank

P609



Rotary Burr – Oval, Shape E

VA single cut flute style with medium spaced edges for round edge contouring. Carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM		
VA		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

Brazed on Steel Shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6098.0X6.0 ¹⁾	8.00	6.00	15.00	60.0
P6099.6X6.0 ¹⁾	9.60	6.00	16.00	60.0
P60912.7X6.0 ¹⁾	12.70	6.00	22.00	67.0

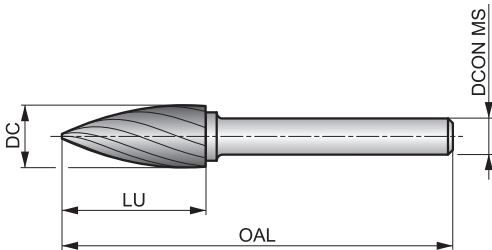
¹⁾ Brazed on steel shank

P613



Rotary Burr – Pointed Tree, Shape G

VA single cut flute style with medium spaced edges for multi-angle contouring and cutting narrow angles in hard to reach areas. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM


Bright

VA





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

DC=6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6136.0X6.0	6.00	6.00	18.00	50.0
P6138.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P6139.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P61312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

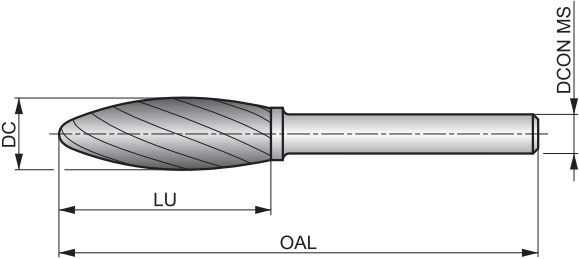
¹⁾ Brazed on steel shank

P615



Rotary Burr – Flame, Shape H

VA single cut flute style with medium spaced edges for round edge contouring and welding preparation. Carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM

Bright

VA

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

Brazed on Steel Shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P6158.0X6.0 ¹⁾	8.00	6.00	19.00	64.0
P6159.6X6.0 ¹⁾	9.60	6.00	19.00	65.0
P61512.7X6.0 ¹⁾	12.70	6.00	32.00	77.0

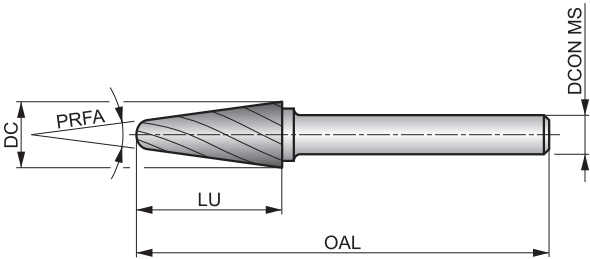
¹⁾ Brazed on steel shank

P621



Rotary Burr – Ball Nosed Cone, Shape L

VA single cut flute style with medium spaced edges for enlarging holes, rounding edges and surface finishing in tight narrow angles or other hard to reach areas. Carbide head with toughened and hardened steel shank. First choice for stainless steels.



HM		
VA		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K4.1	K4.2
■	■	■	■	■	■	■	■	■	■	▣	▣

Brazed on Steel Shank with DCON MS tolerance h7.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P6218.0X6.0 ¹⁾	8.00	6.00	25.40	70.0	14
P62110.0X6.0 ¹⁾	10.00	6.00	20.00	65.0	14
P62112.7X6.0 ¹⁾	12.70	6.00	32.00	77.0	14

¹⁾ Brazed on steel shank

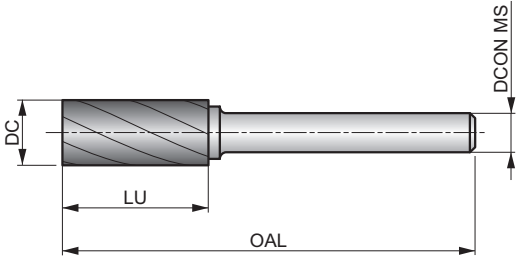
Material code (BMC)		HM	HM	HM	HM	HM	HM	HM				
Burr Type Code (BTC)		AL	AL	AL	AL	AL	AL	GRP	GRP			
Burr Shape												
Coating		Bright	Bright	Bright	Bright	Bright	Bright	Bright	Bright			
Basic standard group (BSG)												
Application angle												
Burr end shot												
Product Family Code		P831	P833	P835	P837	P841	P842	P843	P844			
PSF cutting diameters range		6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	6.00 – 12.70	3.00 – 8.00	3.00 – 8.00			
		224	225	226	227	228	229	230	231			
P	P1											
	P2											
	P3											
	P4											
M	M1											
	M2											
	M3											
	M4											
K	K1											
	K2											
	K3											
	K4											
	K5											
N	N1	■	■	■	■	■	■					
	N2	■	■	■	■	■	■					
	N3	▣	▣	▣	▣	▣	▣					
	N4	■	■	■	■	■	■	■	■			
	N5											
S	S1	▣	▣	▣	▣	▣	▣					
	S2											
	S3											
	S4											
H	H1											
	H2											
	H3											
	H4											

P831



Rotary Burr – Cylinder without endcut, Shape A

AL single cut flute style with wide spaced edges for trimming and deburring surfaces. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



HM		
AL		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8316.0X6.0	6.00	6.00	18.00	50.0
P8319.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P83112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

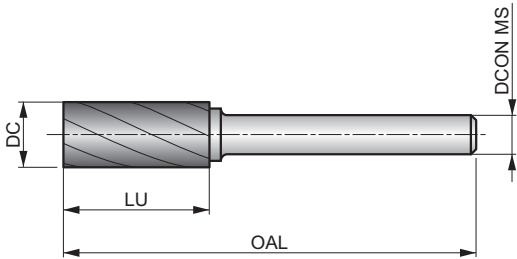
¹⁾ Brazed on steel shank

P833



Rotary Burr – Cylinder with endcut, Shape B

AL single cut flute style with wide spaced edges for trimming and deburring surfaces and right-angled corners. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



HM

Bright

AL



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8336.0X6.0	6.00	6.00	18.00	50.0
P8339.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P83312.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

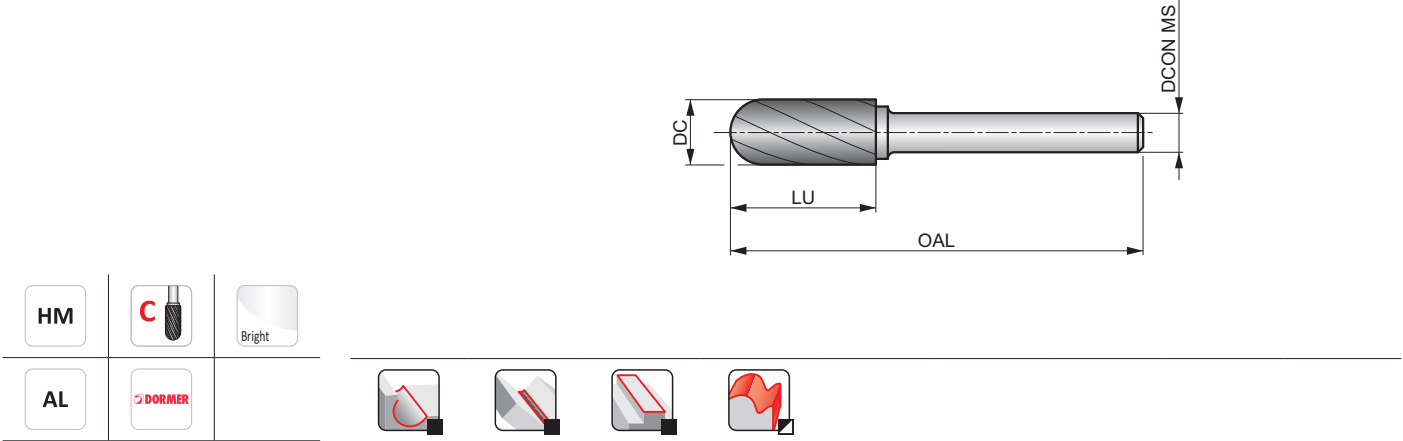
¹⁾ Brazed on steel shank

P835



Rotary Burr – Ball Nosed Cylinder, Shape C

AL single cut flute style with wide spaced edges for for trimming and deburring contours and circular arcs. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8356.0X6.0	6.00	6.00	18.00	50.0
P8359.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P83512.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

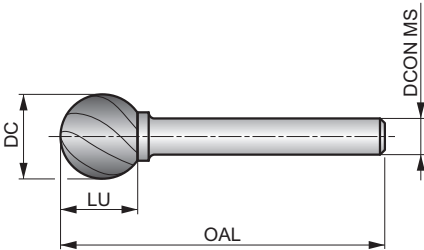
¹⁾ Brazed on steel shank

P837



Rotary Burr – Ball, Shape D

AL single cut flute style with wide spaced edges for intricate carving, metal engraving and welding preparation. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



HM		
AL		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8376.0X6.0	6.00	6.00	4.70	50.0
P8379.6X6.0 ¹⁾	9.60	6.00	8.00	54.0
P83712.7X6.0 ¹⁾	12.70	6.00	11.00	56.0

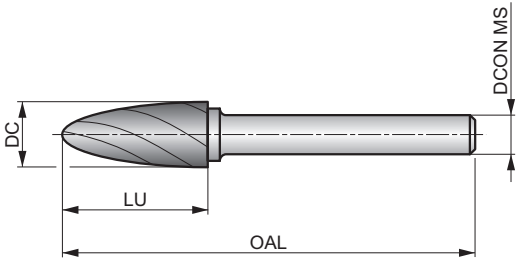
¹⁾ Brazed on steel shank

P841



Rotary Burr – Ball Nosed Tree, Shape F

AL single cut flute style with wide spaced edges for multi-angle contouring, rounding of edges and cutting into hard to reach areas. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



HM		
AL		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8416.0X6.0	6.00	6.00	18.00	50.0
P8419.6X6.0 ¹⁾	9.60	6.00	19.00	64.0
P84112.7X6.0 ¹⁾	12.70	6.00	25.00	70.0

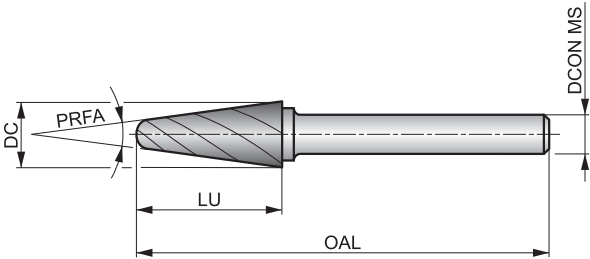
¹⁾ Brazed on steel shank

P842



Rotary Burr – Ball Nosed Cone, Shape L

AL single cut flute style – wide spaced edges for enlarging holes, rounding edges and surface finishing in tight narrow angles or other hard to reach areas. Carbide design for cutting diameter equal to 6 mm; above 6 mm carbide head with toughened and hardened steel shank. First choice for non-ferrous materials and plastics.



HM		Bright
AL		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1	N4.2	N4.3	S1.1
■	■	■	■	■	■	▣	▣	■	■	▣	▣

DC = 6.00 mm: DCON MS tolerance h6; DC > 6.00 mm: Brazed on steel shank with DCON MS tolerance h7.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P8426.0X6.0	6.00	6.00	18.00	50.0	14
P8429.6X6.0 ¹⁾	9.60	6.00	30.00	76.0	14
P84212.7X6.0 ¹⁾	12.70	6.00	32.00	77.0	14

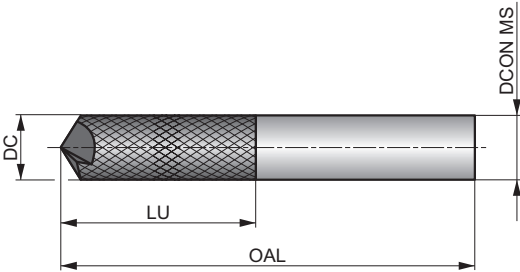
¹⁾ Brazed on steel shank

P843



Diamond Cut Router – 135° Drill Point

GRP diamond cut flute style with medium spaced edges for contouring, making cut-out shapes and holes. Solid carbide shank for rigidity. First choice for fibreglass and composite materials.



HM







GRP





Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N4.3

DCON MS tolerance h6.

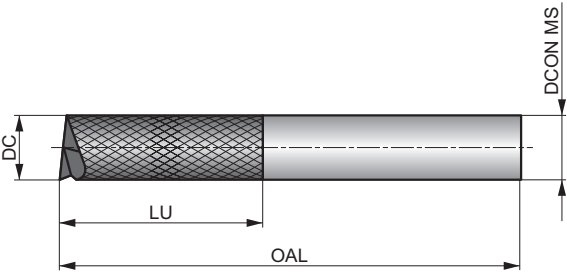
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8433.0X3.0	3.00	3.00	13.00	45.0
P8436.0X6.0	6.00	6.00	19.00	63.0
P8438.0X8.0	8.00	8.00	25.00	63.0

P844



Diamond Cut Router – End Mill

GRP diamond cut flute style with medium spaced edges for contouring, groove and pocket milling and making cut-out shapes. Solid carbide shank for rigidity. First choice for fibreglass and composite materials.









Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

N4.3

DCON MS tolerance h6.

Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P8443.0X3.0	3.00	3.00	13.00	45.0
P8446.0X6.0	6.00	6.00	19.00	63.0
P8448.0X8.0	8.00	8.00	25.00	63.0

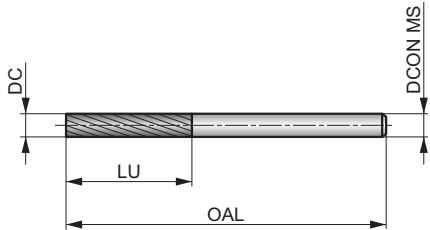
Material code (BMC)		HM	HM	HM	HM	HM	HM	HM	HM				
Burr Type Code (BTC)		AS	AS	AS	AS	AS	AS	AS	AS				
Burr Shape													
Coating													
Basic standard group (BSG)													
													
Product Family Code		P501	P505	P507	P509	P511	P513	P515	P521	P523			
PSF cutting diameters range		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00			
													
P	P1												
	P2												
	P3												
	P4												
M	M1												
	M2												
	M3												
	M4												
K	K1												
	K2												
	K3												
	K4												
	K5												
N	N1												
	N2												
	N3												
	N4												
	N5												
S	S1												
	S2												
	S3												
	S4												
H	H1												
	H2												
	H3												
	H4												

P501



Rotary Burr – Cylinder without endcut, Shape A

AS single cut flute style with light left-hand cross cut for trimming and deburring surfaces. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	■	■	■	■	■	■	■	■	■

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

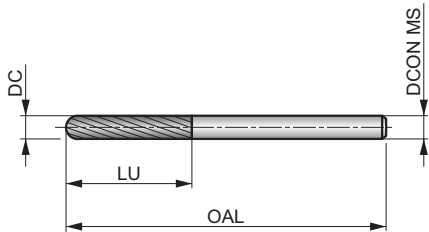
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5013.0X3.0	3.00	3.00	12.00	38.0

P505



Rotary Burr – Ball Nosed Cylinder, Shape C

AS single cut flute style with light left-hand cross cut for trimming and deburring contours and circular arcs. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	■	■	■	■	■	■	■	■	■

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

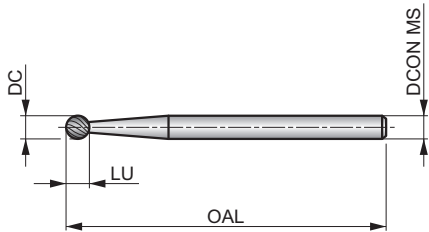
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5053.0X3.0	3.00	3.00	14.00	38.0

P507



Rotary Burr – Ball, Shape D

AS single cut flute style with light left-hand cross cut for intricate carving, metal engraving and welding preparation. Solid carbide shank for rigidity. First choice for superalloys.



HM		Bright
AS		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	■	■	■	■	■	■	■	■	■

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

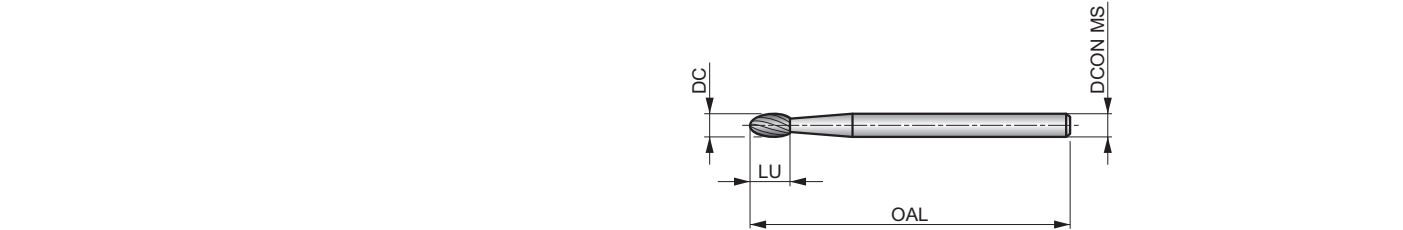
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5073.0X3.0	3.00	3.00	2.50	38.0

P509



Rotary Burr – Oval, Shape E

AS single cut flute style with light left-hand cross cut for round edge contouring. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

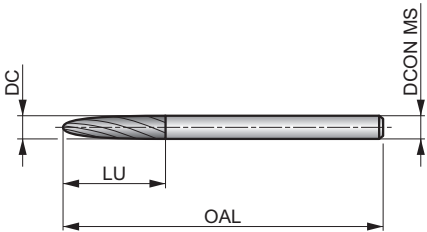
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5093.0X3.0	3.00	3.00	6.00	38.0

P511



Rotary Burr – Ball Nosed Tree, Shape F

AS single cut flute style with light left-hand cross cut for multi-angle contouring, rounding of edges and cutting into hard to reach areas. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	■	■	■	■	■	■	■	■	■

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

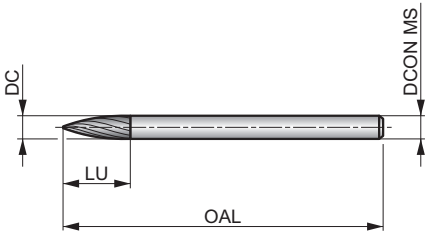
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5113.0X3.0	3.00	3.00	14.00	38.0

P513



Rotary Burr – Pointed Tree, Shape G

AS single cut flute style with light left-hand cross cut for multi-angle contouring and cutting narrow angles in hard to reach areas. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

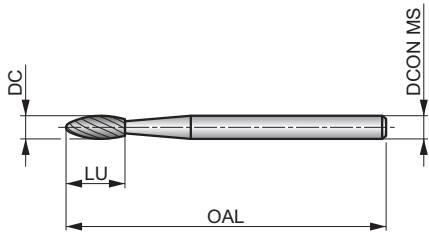
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5133.0X3.0X8.0	3.00	3.00	8.00	38.0
P5133.0X3.0X14.0	3.00	3.00	14.00	38.0

P515



Rotary Burr – Flame, Shape H

AS single cut flute style with light left-hand cross cut for round edge contouring and welding preparation. Solid carbide shank for rigidity. First choice for superalloys.



HM		
AS		

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

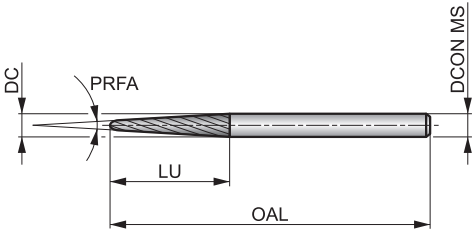
Product	DC	DCON MS	LU	OAL
	(mm)	(mm)	(mm)	(mm)
P5153.0X3.0	3.00	3.00	6.00	38.0

P521



Rotary Burr – Ball Nosed Cone, Shape L

AS single cut flute style with light left-hand cross cut for enlarging holes, rounding edges and surface-finishing in tight narrow angles or other hard to reach areas. Solid carbide shank for rigidity. First choice for superalloys.



HM							
AS							

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

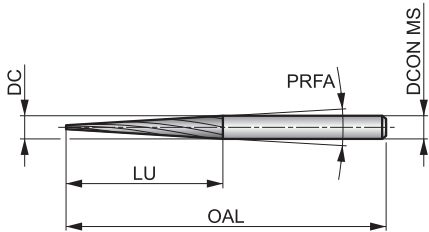
Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P5213.0X3.0	3.00	3.00	14.00	38.0	8

P523



Rotary Burr – Cone, Shape M

AS single cut flute style with light left-hand cross cut for enlarging holes, surface finishing and cutting narrow angles in hard to reach areas. Solid carbide shank for rigidity. First choice for superalloys.



HM		Bright
AS		 

Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

M3.1	M3.2	M3.3	M4.1	M4.2	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2	S4.1	S4.2
☑	☑	☑	☑	☑	■	■	■	■	■	■	■	■	■

DCON MS tolerance h6.
Products from this series are also available in set. Please see P880.

Product	DC	DCON MS	LU	OAL	PRFA
	(mm)	(mm)	(mm)	(mm)	(°)
P5233.0X3.0	3.00	3.00	15.00	38.0	7

Material code (BMC)		HM	HM	HM	HM					
Burr Type Code (BTC)				BR	BR					
Coating				Bright	Bright					
Basic standard group (BSG)				DORMER	DORMER					
Application angle					150°					
Burr end shot										
Product Family Code		P880	P890	P100	P101	M902				
PSF cutting diameters range		Set	Set	4.90 – 10.70	4.90 – 10.70	Set				
		244	245	246	247	248				
P	P1			■	■					
	P2			■	■					
	P3			■	■					
	P4			■	■					
M	M1			■	■					
	M2			■	■					
	M3			■	■					
	M4									
K	K1									
	K2									
	K3									
	K4									
	K5									
N	N1									
	N2									
	N3									
	N4									
	N5									
S	S1									
	S2									
	S3									
	S4									
H	H1									
	H2									
	H3									
	H4									

P880



Rotary Burr Set
Set of different rotary burrs in various shapes, sizes and forms.

A = Styles in Set, B = No. in Set, C = Rotary Burrs in Set.

Product	Nr.	A	B	C
P88001	Nr01	P803 + P805 + P807 + P809 + P813	5	P8039.6X6.0; P8059.6X6.0; P8079.6X6.0; P8099.6X6.0; P8139.6X6.0
P88002	Nr02	P803C + P805C + P807C + P811C + P813C	5	P803C9.6X6.0; P805C9.6X6.0; P807C9.6X6.0; P811C9.6X6.0; P813C9.6X6.0
P88003	Nr03	P601 + P605 + P607 + P611 + P621	5	P6019.6X6.0; P6059.6X6.0; P6079.6X6.0; P6119.6X6.0; P62110.0X6.0
P88004	Nr04	P703 + P705 + P707 + P711 + P721	5	P7039.6X6.0; P7059.6X6.0; P7079.6X6.0; P7119.6X6.0; P72110.0X6.0
P88006	Nr06	P501 + P505 + P507 + P509 + P511 + P513 + P515 + P521 + P523	10	P5013.0×3.0; P5053.0×3.0; P5073.0×3.0; P5093.0×3.0; P5113.0×3.0; P5133.0×3.0×8.0; P5133.0×3.0×14.0; P5153.0×3.0; P5213.0×3.0; P5233.0×3.0

P890



Rotary Burrs Display

Display of 40 pieces of solid burrs of the P8xx serie. DC double cut flute style with close spaced edges. Bright finish.

A = Styles in Set, B = No. in Set, C = Rotary Burrs in Set.

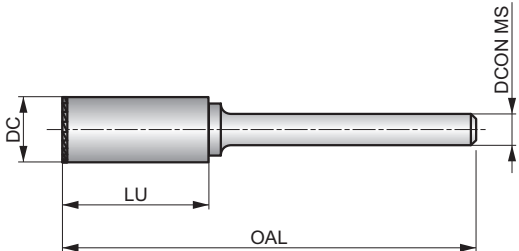
Product	Nr.	A	B	C
P89001EMPTY	—	—	—	—
P89001	Nr01	P803 + P805 + P811 + P813 + P821	40	P803(6.0X6.0; 8.0X6.0; 9.6X6.0; 12.7X6.0) X 2; P805(6.0X6.0; 8.0X6.0; 9.6X6.0; 12.7X6.0) X 2; P811(6.0X6.0; 8.0X6.0; 9.6X6.0; 12.7X6.0) X 2; P813(6.0X6.0; 8.0X6.0; 9.6X6.0; 12.7X6.0) X 2; P821(6.0X6.0; 8.0X6.0; 9.6X6.0; 12.7X6.0) X 2

P100



1st Stage Rotary Burr for Broken Bolt Removal, Cylinder with End Cut

First stage broken bolt removal solid carbide burr. When a bolt is broken and needs to be extracted, first use P100 to flatten the broken bolt surface. Secondly use P101. This series of burrs makes sure the threaded hole is not damaged when removing the broken piece.



HM		Bright
BR		



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	M1.1	M1.2	M2.1
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.2	M2.3	M3.1	M3.2	M3.3									
■	■	■	■	■									

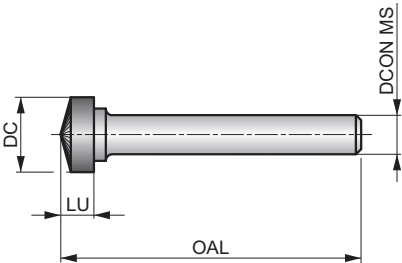
Product	DC	DCON MS	LU	OAL	
	(mm)	(mm)	(mm)	(mm)	
P1004.9	4.90	6.00	20.00	50.0	1/4-20; 24; 28; M6
P1006.4	6.40	6.00	5.00	50.0	5/16-18; 24; 32; M8
P1007.8	7.80	6.00	19.00	65.0	3/8-16; 24; M10
P1009.3	9.30	6.00	19.00	65.0	7/16-14; 20; M12
P10010.7	10.70	6.00	25.00	70.0	1/2-13; 20; M14

P101



2nd Stage Rotary Burr for Broken Bolt Removal, 150° Countersink

Second stage broken bolt removal solid carbide burr. When a bolt is broken and needs to be extracted, P101 creates a centerpoint into the flattened broken bolt. Prepare it for the 3rd stage, drilling the broken piece with a drill.



HM	Bright	150°
BR	DORMER	



Workpiece material group suitability. Recommended operating speed (RPM) on page 277.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	M1.1	M1.2	M2.1
■	■	■	■	■	■	■	■	■	■	■	■	■	■
M2.2	M2.3	M3.1	M3.2	M3.3									
■	■	■	■	■									

Product	DC	DCON MS	LU	OAL	
	(mm)	(mm)	(mm)	(mm)	
P1014.9	4.90	6.00	20.00	50.0	1/4-20; 24; 28; M6
P1016.4	6.40	6.00	5.00	50.0	5/16-18; 24; 32; M8
P1017.8	7.80	6.00	5.00	50.0	3/8-16; 24; M10
P1019.3	9.30	6.00	5.00	50.0	7/16-14; 20; M12
P10110.7	10.70	6.00	5.00	50.0	1/2-13; 20; M14

M902



Bolt Removal Kit

Tools for removing broken right-handed bolts come in a set of four. First, use the P100 burr to flatten the bolt. Second, use the P101 burr to create a starting cone. Third, use the HSS-E stub drill A117 to drill a hole for the extractor. Finally, use the screw extractor in a counter-clockwise motion to remove the broken bolt without damaging the threads.

A = Styles in Set, B = No. in Set, C = Diameters in Set.

Product	Nr.	A	B	C
M902M6-M8	M6 – M8	M900, P100, P101, A117	4	P1004.9, P1014.9, A1173.0, M9002
M902M8-M10	M8 – M10	M900, P100, P101, A117	4	P1006.4, P1016.4, A1174.0, M9003
M902M10-M12	M10 – M12	M900, P100, P101, A117	4	P1007.8, P1017.8, A1174.2, M9003
M902M12-M14	M12 – M14	M900, P100, P101, A117	4	P1009.3, P1019.3, A1176.0, M9004
M902M14-M16	M14 – M16	M900, P100, P101, A117	4	P10010.7, P10110.7, A1178.0, M9005