

Aerospace

NeoNickel is a European supplier of speciality aerospace alloys for commercial aviation, defence and space exploration. Our comprehensive inventory includes a diverse mix of nickel alloys, cobalt alloys, titanium and stainless steels.

European Inventory

NeoNickel holds many quality approvals from prominent aerospace companies, so we understand the need for precision when it comes to your aerospace alloys. We offer a full spectrum of alloys in plate, sheet, bar, pipe, forgings, fittings, flanges and welding consumables. NeoNickel has been the preferred supplier of sheet, plate, bar and welding materials to industry leading companies for a number of years.

NeoNickel are approved by...



Commonly Used Applications:

- Turbine Blades, Discs & Rings
- Engine Components
- Landing Gear
- Fasteners
- Springs
- Exhaust Systems

Associated Alloys:

Nickel Alloys

Alloy 36
Alloy 75
Alloy 80A
Alloy 86
Alloy 90
Alloy 105
Alloy 625
Alloy 718
Alloy C263
Alloy MP35N
Alloy PE11
Alloy PE16
Alloy PK33
Alloy X
Alloy X-750
WASPALLOY

Alloy Steels

300M/S155
4340 Alloy Steel
S156 Alloy Steel
S99G Steel

Titanium Alloys

Ti 6-6-2
Ti 6Al-4V

Cobalt Alloys

Alloy 188
Alloy L605
Rene 41

Stainless Steels

15-5PH
17-4PH
321
A-286
AerMet 100
Maraging 250
Maraging 300
Maraging 350
PH13-8MO

PRODUCT FORMS

Available product forms:

- Plate
- Sheet
- Coil
- Bar
- Pipe
- Tube
- Fittings
- Flanges
- Welding Consumables
- Added Value Components
- Machined Components
- Valve Seats
- Precision Ground Bar & Shafts

PROCESSING

- Laser
- 2D Laser Inspection
- Waterjet
- Guillotine
- Bar Saw
- Plate Saw
- Metal Spinning
- Positive Material Identification

In addition to the wide range of alloys and product forms available from stock, our Sheffield Conversion Centre can now offer a range of items produced by:

- Open and Closed Die Forging
- GFM Forging
- Rolling
- Heat Treatment
- Machining / Grinding

Qualified metallurgists control all processing, inspection, mechanical and corrosion testing and NDT.

LABORATORY SERVICES

Our laboratory provides:

- Laboratory testing
- Failure analysis
- Materials selection, process & application review - plant visit and consultancy
- Formal reports

OUR LOCATIONS

Blackburn
+44 (0) 1254 582 999

Kingswinford
+44 (0) 1384 282 400

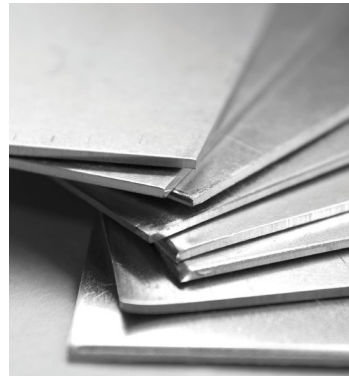
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TECHNICAL PROBLEM?

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