

Hire rolling

Corus Narrow Strip

Corus Narrow Strip has extensive experience of hire rolling a vast array of different types of ferrous and non-ferrous alloy, special metals and stainless steel grades. Over the years, this has led to refined reheating and rolling processes that produce products of a high quality. Typically, we can offer very short lead times, generally 1-2 weeks from delivery of slabs to us.

Industries

Our hire rolled products are used within a number of industries such as electrical, computer, aerospace and automotive. Typical grades include: -

- High nickel alloys (approx 30-100% Ni)
- Nickel-copper alloys
- Nickel-chrome alloys
- High manganese alloys (74% Mn)
- Cobalt irons (24-90% Co)
- Maraging steel
- Non-ferrous grades such as pure copper, nickel and titanium.

Applications

Applications include:-

- Electrical connectors
- Electrical shielding
- Motor and alternator laminations
- Circuit breakers
- Heating elements and sheaths
- Bi-metallic strip
- Battery cases.

Standard slab size range

Length: 4.3-12.2m

Width: 150-500mm

Thickness: 50-110mm

Finished strip size range

Gauge: 1.6-14mm

Width: 150-500mm

Tolerances: subject to agreement

Inside diameter: 508mm

Outside diameter: 1350mm max

Coil weight: up to 9.5kg/mm of strip width

Hot strength of specific material will determine the possible combinations of finished gauge and width.

Conditions of supply

Black, pickled & oiled or shot-blast descaled

Mill or sheared edge

Cut lengths: from 800mm to 11,000mm

Technical support

Corus Narrow Strip has a comprehensive technical support team, available to advise on the use of special metals. Technical account managers provide specialist advice and help with day-to-day enquiries. Works based metallurgists and the full resources of Corus Research and Development Laboratories are available to assist with longer-term developments.



Corus Narrow Strip

Sheffield Road

Rotherham

S60 1BN

Tel: +44 (0) 1709 842527

Fax: +44 (0) 1709 842609

E-Mail: bsmsales@corusgroup.com

Website: www.corusgroup.com

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