

STEEL

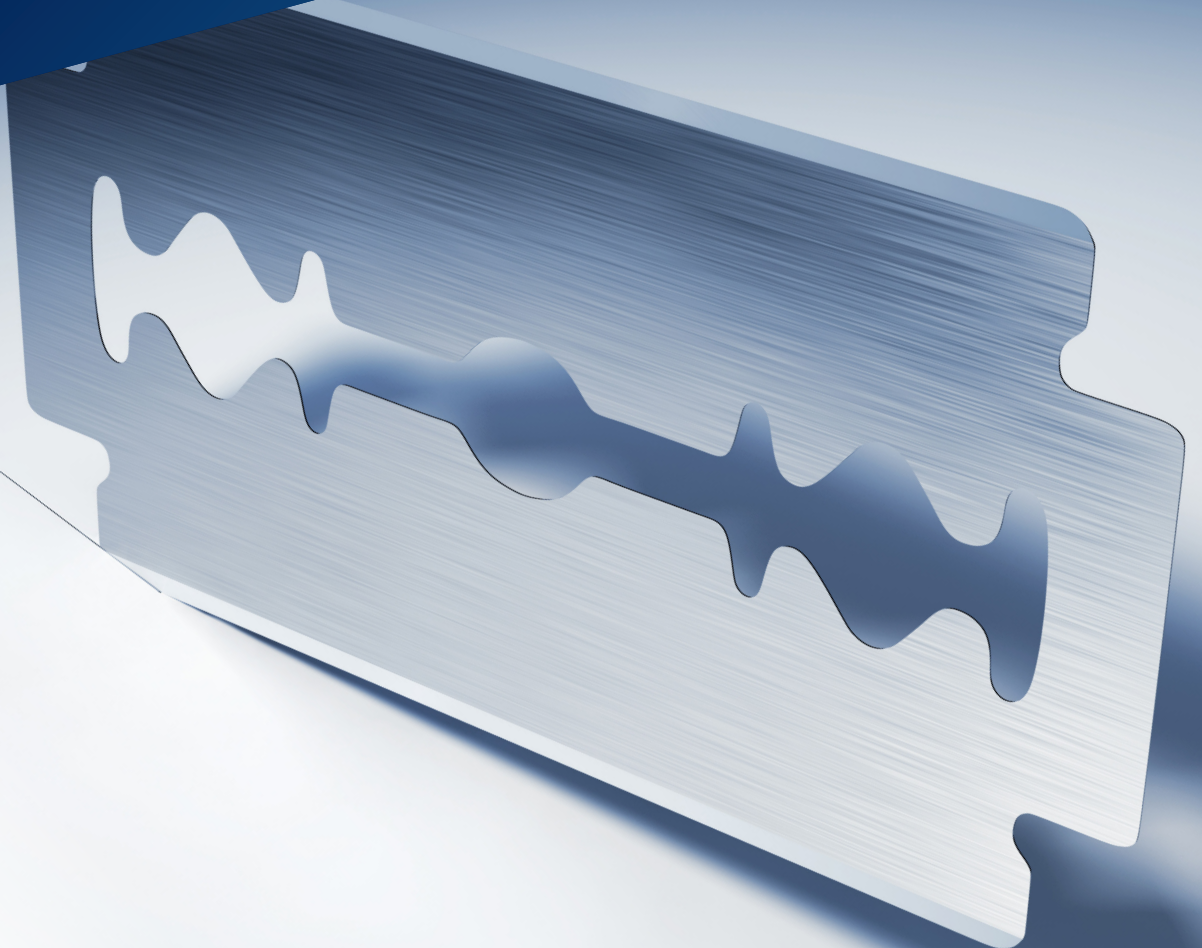


LIBERTY

Narrow Strip Stainless Steel

Narrow Strip is an established manufacturer of many grades of hot rolled stainless steel, sourced locally, that can be tailor made to meet your requirements.

MEMBER OF



Stainless Steel Range

Martensitic Stainless Steels, high carbon-chromium, have been developed for a number of applications after cold rolling such as: razor blades, surgical knives, scissors, cutlery, pressure diaphragms, valve components and circlips. Martensitic grades that are produced regularly at Narrow Strip are:

Size range (subject to vetting)

Block or Mill Edge	
Width (mm)	Thickness (mm)
200 - 400	2.0 - 7.0

Conditions of Supply

- Black or mill edge (annealed)
- Coil dimensions:
 - Inside diameter: 508mm/
 - Outside diameter: 1350mm (max.)
- Coil weight: up to 9.5kg/mm of strip width
- Can be tested to ASTM or DIN cleanness standard

Martensitic grades

Narrow Strip Reference	C	Cr	Equivalent Grade Examples
BSM876	0.62/ 0.68	12.5/ 13.1	X65Cr13
BSM879	0.68/ 0.70	12.7/ 13.5	X69Cr13
BSM877	0.35/ 0.41	13.1/ 13.9	X40Cr13
BSM278	0.35/ 0.41	15.5/ 16.5	1.4122, 35CrMo17
BSM275	0.18/ 0.24	12.5/ 13.5	420L, 420S45, X20Cr13
BSM276	0.4/ 0.45	13.0/ 14.0	420H, Z40C13, X38Cr13
BSM273	0.15x	12.0/ 12.8	403, 410, X6Cr13

The chemistry is carefully controlled to ensure that once the steel is annealed and descaled it can be readily processed, for example: hot formed/forged, cold rolled, stamped/ blanked and finally heat treated, ground and polished, etc.

Other special features of our martensitic grades include:

- High carbon razor grades with low levels of sulphur for improved corrosion resistance (BSM876 and BSM879)
- Molybdenum additions for improved resistance to pitting corrosion (BSM877 and BSM278)

Technical support

Our highly qualified technical team will provide advice on the most appropriate grade and product to your specific requirement. Customer Technical Support provide specialist advice and help with day-to-day problem solving.

Works based metallurgists and the full resources of our Steel Research and Development Laboratories are available to assist with longer-term developments.

For further information, enquiries or any technical guidance on our range of Narrow Strip products please contact the Commercial Department at the address below.

Austenitic and Ferritic stainless steel

We have extensive experience in the hot rolling of austenitic, high chromium and nickel, ferritic and low carbon chromium.

Typical end applications are: chemical filters, sprockets, gas valves, pen nibs and washers.

Narrow Strip Reference	C	Cr	Ni	Equivalent Grade Examples
BSM285	0.04/ 0.06	17.5/ 17.9	9.0/ 9.5	347S31

Size range (subject to vetting)

Mill Edge		Sheared Edge	
Width (mm)	Thickness (mm)	Width (mm)	Thickness (mm)
200 – 500	1.5 – 12.0	26 – 488	1.5 – 6.0

Conditions of Supply

- Black, mill or sheared edge
- Coil dimensions:
 - Inside diameter: 508mm
 - Outside diameter: 1350mm (max.)
- Coil weight: up to 9.5kg/mm of strip width

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