



Description & Sizes

Grade 420 is a martensitic stainless steel, widely used for blades, rulers, wear plates, cutlery, kitchen knives, etc.

The material in the soft annealed condition can be hardened in a tempering furnace after fabrication to a required hardness.

Grade 420 is magnetic.

Grade 420 is supplied in sheet and coil.

Low Carbon (Hardened & Tempered):

HRC Rockwell 42 - 47
Gauge - Thickness: 0.50mm - 3.00mm
Sheet Widths: 295mm - 380mm
Max sheet length: 2700mm

Medium Carbon (Hardened & Tempered):

HRC Rockwell 48 - 50
Gauge - Thickness: 0.50mm - 3.00mm
Sheet Widths: 295mm - 380mm
Max sheet length: 2500mm

High Carbon (Hardened & Tempered):

HRC Rockwell 48 - 52
Gauge - Thickness: 0.50mm - 3.00mm
Sheet Widths: 295mm - 380mm
Max sheet length: 2500mm

420 Hardened

Other hardness ranges can be obtained on request.

Coil can be slit / sheared to your required dimensions.

Laser cut parts available (from supplied .DXF / .DWG)

Applications

Grade 420 Hardened Stainless has a wide range of applications including:

- Fine Cutlery
- Measuring instruments
- Building tools
- Surgical instruments
- Paper blades
- Machine parts

Fast UK and international shipping

Contact

For quotations and enquiries, or to place an order, please contact our customer service team.

Our office is open from:

8.30am - 5.00pm Mon-Thurs
8.30am - 3:45pm Fridays.

Tel: +44 (0)114 244 0527
Email: bss@steelstrip.co.uk

	420ss Hardened
Iron (Fe)	Approx. 85-88%
Chromium (Cr)	12.00-14.00%
Carbon (C)	0.15-0.40%
Manganese (Mn)	1.0% max
Silicon (Si)	1.0% max
Phosphorus (P)	0.040%
Sulfur (S)	0.030%
Nickel (Ni)	0.50%