

Description & Size

440B is a high carbon martensitic stainless steel with moderate corrosion resistance, good strength, and the ability to obtain and keep excellent hardness (Rc58) and wear resistance.

Thicknesses:

1.4mm
1.5mm
2.3mm
2.8mm
3.3mm
4.2mm
5.3mm
Sheet sizes vary, but can be cut to size.

Hardness

We can supply 440B typically in a hardness of around 200VFN.

For Rockwell and Tensile Strength approximate equivalents please see our website.

Composition

	440B / 1.4112
Chromium	16.00 - 18.00%
Manganese	1.00% max
Silicon	1.00% max
Carbon	0.75-0.95%
Molybdenum	0.75% max
Phosphorous	0.040% max
Sulphur	0.030% max

Related Specifications

440B is a close equivalent to:

ASTM A276	ASTM A314	ASTM A473
DIN 1.4112	QQ S763	FED QQ S763
MIL-S-862	ASTM A580	SAE J405 (5144OB)

Condition Supplied

BSS Supply 440B Stainless in the following conditions:

Hot rolled annealed.



Applications

440B stainless has a wide range of applications including:

- Measuring instruments
- Gauge blocks
- Cutlery
- Knives
- Dies
- Moulds
- Ball Bearings
- Valve components

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

www.springsteelstock.co.uk



BSS Spring Steel Stock is a division of
Fernite of Sheffield Ltd. 1 Orgreave Road, S13 9LQ

