

## Description

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.

## Hardness

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

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

## Composition

	<b>440B 1.4112</b>
<b>Chromium</b>	16.0 - 18.0%
<b>Manganese</b>	1% max
<b>Silicon</b>	1% max
<b>Carbon</b>	0.75-0.95%
<b>Molybdenum</b>	0.75% max
<b>Phosphorous</b>	0.040% max
<b>Sulphur</b>	0.030% max

## Related Specifications

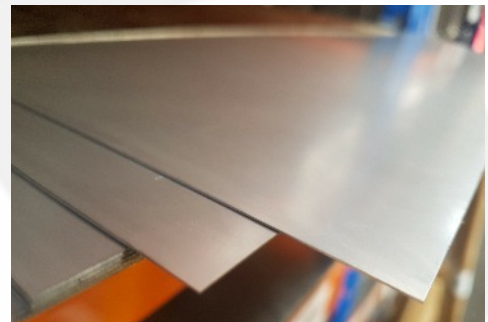
440B is a close equivalent to:

ASTM A276	ASTM A314	ASTM A473
DIN 1.4112	QQ S763	FED QQ S-763
MIL-S-862	ASTM A580	SAE J405 (51440B)

## Condition Supplied

BSS Supply 440B Stainless in the following conditions:

Hot rolled annealed.



Fast UK and  
worldwide  
shipping



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[bss@steelstrip.co.uk](mailto:bss@steelstrip.co.uk)

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## Applications

440B stainless has a wide range of applications including:

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

## Sizes

BSS supply 440B stainless in sheet form.

### Thicknesses:

1.4mm 1.5mm 1.8mm 2.3mm  
2.8mm 3.3mm 4.2mm 5.3mm

Sheet sizes vary, but we can cut to size.

## 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 and 8.30am-4pm Fridays.

**Tel:** 0114 244 0527

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[www.springsteelstock.co.uk](http://www.springsteelstock.co.uk)



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