

Description & Size

CS80 is a carbon spring steel grade, within BS1449.

CS80 material supplied by BSS is precision rolled with a good surface finish, close thickness tolerance and good flatness.

CS80 is supplied in sheet and coil.

Thickness range: 0.5mm - 5mm
Standard sheet widths: 300 - 330mm
Max sheet length: 2500mm
Coil can be slit and sheared to your required dimensions.

Hardness

We can supply CS80 in hardness range between 40-50HRC.

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

Composition

	CS80 / 1.1248
Carbon	0.75 - 0.85%
Silicon	0.05 - 0.35%
Manganese	0.50 - 0.90%
Phosphorous	0.045% max
Sulphur	0.045% max

Related Specifications

CS80 is a close equivalent to:
AISI / SAE 1075
Werkstoff Nr. 1.1248
C75S
EN42

Condition Supplied

BSS Supply CS80 in the following conditions:

Hardened and Tempered.



Applications

CS80 is a multi-purpose grade, Common applications for CS80 carbon spring steel include:

Knife, blade and saw manufacturing (48/50 HRC hardness range)

Flat springs (42/44 HRC hardness range)

Laser / waterjet cutting 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.

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