



Description

80CrV2 is a high carbon spring steel that is often used for the manufacture of saws and knives.

It is used when a higher final hardness than can be achieved with standard 80 carbon steels is required. This is facilitated by the addition of chrome and vanadium.

Hardness

Around 200VHN in the annealed condition.

Composition

	80CrV2
Carbon	0.75-0.85%
Silicon	0.15-0.35%
Manganese	0.30-0.50%
Chromium	0.40% - 0.60%
Vanadium	0.15% - 0.35%
Phosphorous	0.025% max
Sulphur	0.04% max

Related Specifications

80CrV2 is a close equivalent to:

CK75 1074 CS80 1.2235

Condition Supplied

BSS Supply 80CrV2 in the following conditions:

Cold rolled annealed.



Applications

80CrV2 is primarily used for:

- Circular saws for wood cutting
- Blade manufacturing

Fast UK and international shipping

Sizes

80CrV2 is supplied in sheet form.

We can supply material in a thickness range of 2mm - 12mm.

For sheet dimensions available please call +44 (0)114 244 0527.

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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