



# CS100 Spring Steel

Hardened & Tempered

CS100 spring steel strip, sheet and plate

## CS100 spring steel stockholders and suppliers, delivering throughout the UK.

CS100 is a carbon spring steel with an average content of 0.95% carbon. West Yorkshire Steel are CS100 hardened and tempered spring steel suppliers and stockholders of strip, conforming to designations BS1449 and BS5770. CS100 strip is supplied in coil and can be cut and slit to your requirements. It is standard for CS100 strip to be supplied with a polished surface finish; this is achieved by a fine grinding, abrasive brushing or other similar process. With this polished finish CS100 strip is supplied with dressed edges or sheared to your required width. For spring applications it is recommended that CS100 is used in the hardened and tempered condition.

### Related Specifications

C100 C100S CK101 C100S 1.1274 BSEN10132-4  
DIN17222 DIN17222

### Spring steel grades we supply

[CS70](#) | [CS80](#) | [CS95](#) | [CS100](#)  
[EN42](#) | [EN43](#) | [EN47](#) | [301](#) | [75Cr1](#)

### Form of Supply

CS100 hardened and tempered spring steel strip in coil, which can be slit and cut to length or sheared as individual pieces to your exact sizes.



- Sheet
- Plate
- Strip

Contact our experienced sales team who will assist you with your spring steel enquiry.

## Applications

CS100 is commonly used for a variety of spring applications including doctor blades, saw blades, masonry tools, agricultural tools, wood cutting saws, shims, blades, shims, washers and flat springs.

## Analysis

Carbon	0.95-1.05%	Silicon	0.05-0.35%
Manganese	0.30-0.60%	Sulphur	0.04% max
Phosphorous	0.04% max		

## Welding

We recommend you contact your welding consumables supplier who should provide you full assistance and information on welding CS100 steel.

## Certification

Spring steel CS100 grade is available with a certificate of conformity or cast and analysis certification, please request when placing any orders.

## Quality Assured Supply

CS100 spring steel is supplied in accordance with our ISO 9001:2015 registration.



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