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EN42

Spring Steel

EN42 spring steel stockholders and suppliers, delivering throughout the UK.

EN42 is available annealed sheet or hardened and tempered. It is supplied to specification conforming to BS970 designation. EN42 strip is supplied in coils and can be cut to your requirements. This is a carbon spring steel grade with an average carbon content of 0.70%. It is common for EN42 steel strip to be supplied with a polished finish; which is achieved by fine grinding, abrasive brushing or other similar processes. With this polished finish the strip is available with dressed edges or sheared edges slit to your required width. For spring applications it is recommended that the steel is used in the hardened and tempered condition. EN42 annealed is available in sheet, plate and strip.

Popular spring steel grades we supply:
CS67S | CS70 | CS80 | CS95 | CS100
EN42 | EN43 | EN45 | EN47
75Cr1 | 80CrV2 | 301

Form of Supply
EN42 hardened & tempered strip. Annealed EN42 spring steel is supplied in plate, sheet and strip. Hardened and tempered EN42 is supplied in coil, which can be slit and cut to length or sheared as individual pieces to your exact sizes.



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

- Sheet
- Plate
- Strip

Applications

EN42 is suitable for a wide variety of spring applications including flat springs, clutches, knives, doctor blades, saw blades, agricultural tools, wood cutting saws, shims, knives, blades, shims, washers, masonry tools.

Analysis

Carbon	0.70-0.80%	Silicon	0.10-0.40%
Manganese	0.55-0.75%	Sulphur	0.05% max
Phosphorous	0.05% max		

Welding

We recommend you contact your welding consumables supplier who should provide you full assistance and information on welding EN42 steel.

Certification

Spring steel EN42 grade is available with a certificate of conformity or cast and analysis certification, please request when placing any orders.

Quality Assured Supply

EN42 spring steel is supplied in accordance with our ISO 9001:2015 registration.

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