

301 Stainless Spring Steel

301 stainless spring steel stockholders and suppliers, delivering to the whole of the UK. West Yorkshire Steel are suppliers of 301 stainless steel strip in the spring temper rolled condition. Supplied as coil it can be cut to your required lengths. 301 spring temper rolled strip offers the good corrosion resistance of a stainless steel combined with high strength and hardness. It is common for 301 spring temper rolled strip to be supplied with a polished surface finish; this is achieved by a fine grinding, abrasive brushing or another similar process. As an austenitic stainless steel grade it offers good corrosion resistance, similar to that of 304 stainless steel type. Suitable for environments such as rural, automotive, marine and industrial, when exposed to mildly corrosive conditions at ambient temperatures.

We welcome export enquiries for stainless spring steel. Contact our sales office and consult our [shipping policy](#) for details.

Related Specifications

1.4210 X10CrNi18-8 X12CrNi17-07 BS EN 10151 AISI 301

Alternative spring steel grades we supply

[CS70](#) | [CS80](#) | [CS95](#) | [CS100](#) | [EN42](#) | [EN43](#) | [EN45](#) | [EN47](#) | [735A50](#) | [6150](#)

Form of Supply

West Yorkshire Steel supply 301 stainless spring steel in strip. 301 spring temper rolled is supplied in coil, which can be slit and cut to length or sheared as individual pieces to your exact sizes.

- Strip

Applications

301 spring temper rolled is commonly used for applications which require high wear resistance and spring features combined with resistance to atmospheric corrosion. Typical applications include screen frames, automotive wheel covers, spring clamps and clips, toaster springs and airframe sections.

Analysis

Carbon	0.05-0.15%	Chromium	16.00-19.00%
Manganese	2.00% max	Nickel	6.00-9.50%
Silicon	2.00% max	Phosphorous	0.045% max
Molybdenum	0.80% max	Sulphur	0.015% max
Nitrogen	0.11% max		

Welding

We recommend you contact your welding consumables supplier who should provide you full assistance and information on welding 301 stainless spring steel.

Certification

301 stainless spring steel grade is available with cast and analysis certification, please request when placing any orders.

Quality Assured Supply

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