



# 301 Stainless Spring Steel

Spring Temper Rolled

301 stainless spring steel strip and sheet

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

301 stainless steel strip, available in the spring temper rolled condition. Supplied as coil and sheet 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.

### Related Specifications

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

### Spring steel grades we supply

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

### Form of Supply

West Yorkshire Steel supply 301 stainless spring steel in strip and sheet. 301 spring temper rolled coil, can be slit and cut to length or sheared as individual pieces to your exact sizes. Standard sheet sizes are 300mm x 1000mm.



- Sheet
- Strip

Contact our experienced sales team who will assist you with your 301 spring temper rolled stainless steel enquiry.

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

## Welding

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

## Certification

Spring temper rolled 301 grade is available with a certificate of conformity or cast and analysis certification, please request when placing any orders.

## Quality Assured Supply

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



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