



manufacturer and stockist of wire and strip

**CS70, MILD STEEL CS1 AND CS4 STRIP**

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**Applications: Springs, clips, pressings and fasteners**

Spring steel strip stocked by Webster & Horsfall is purchased in an annealed condition, enabling full parts manufacture prior to hardening. Before any strip is accepted by us it is tested to ensure gauge, width and hardness are within specification. During slitting full quality checks ensure customer satisfaction.

<b>Standards</b>	CS70 fully annealed CS1 CS4	BS EN 10132-4 supercedes BS 1449 BS EN 10139-DC04 BS EN 10139-DC01
<b>Shearing sizes</b>	0.203mm to 3.251mm	<b>Width range</b> 3.00mm to 300mm
<b>Chemical composition (%)</b>	<b>steel type</b>	<b>C min</b> <b>C Max</b> <b>Si Min</b> <b>Si Max</b> <b>Mn Min</b> <b>Mn Max</b> <b>S Max</b> <b>P Max</b>
CS1	mild steel	- 0.08 - - - 0.45 0.030 0.025
CS4	mild steel	- 0.12 - - - 0.60 0.050 0.050
CS70	70 carbon	0.65 0.75 0.05 0.35 0.50 0.90 0.045 0.045
<b>Gauge tolerances (mm)</b>	>0.16 — 0.40 >0.40 — 0.60 >0.60 — 0.80 >0.80 — 1.00 >1.00 — 1.20 >1.20 — 2.00 >2.00	+/- 0.025 +/- 0.030 +/- 0.035 +/- 0.035 +/- 0.040 +/- 0.045 +/- 0.050
<b>Edges</b>	Sheared	<b>Options</b> Dressed, rounded edges, flat lengths
<b>Packaging</b>	All material is supplied in coil unless advised and is palletised with spacers for ease of handling. Flat lengths are supplied on wooden battens. A Test Certificate is despatched with the material for full traceability. Options are constantly reviewed - contact sales for further information.	
<b>Service and support</b>	Specific customer requirements can be adopted to ensure a “Right First Time” service. First class technical support enables projects to perform as anticipated.	

