



manufacturer and stockist of wire and strip

**HARD DRAWN SPRING WIRE**

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**Hard drawn spring wire**

Applications Mechanical springs extension, compression and torsion.

Standards	EN 10270-1 BS 5216 NF A47-301 DIN 17223 (Pt1) ASTM A227+A228	European Great Britain France Germany USA
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Diameter range 0,1mm – 9,5mm

Tensile range 930-3780 N/mm<sup>2</sup>

Example:	Tensile	Minimum	Maximum
0,1mm		2160 MPa	3780 N/mm <sup>2</sup>
3,0mm		1250 MPa	2150 N/mm <sup>2</sup>
4,0mm		1170 MPa	1920 N/mm <sup>2</sup>
9,0mm		940 MPa	1540 N/mm <sup>2</sup>
9,5mm		930 MPa	1390 N/mm <sup>2</sup>

Finish	Phosphate coated (plain)	– Dry drawn wire with soap lubricants (grey in colour)
	Wet drawn	– Oil drawn polished finished
	Galvanised	– Drawn after galvanizing (wet or dry drawn)
	Tinned	– Final hot dip tin coat
	Lished	– Mechanically ground polish finish (finally oiled)
	Other finishes on request.	

Shaped The above can also be supplied in shaped wire.  
(Please see separate sheet)

Packaging Catchweight coils  
Reels/ spools (plastic)  
Metal reels (up to 300 kg)  
Formers  
Cut lengths  
Specific coil weights/ sizes  
(see Packaging separate sheet)

