



manufacturer and stockist of wire and strip

**OIL TEMPERED WIRE FOR SPRINGS**

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**OIL-TEMPERED WIRES**

Applications Obtained by in-line hardening + tempering, these wires are ideal for quality springs in high stress environments. Where good mechanical properties are required.

Standards	European	Great Britain	Germany	U.S.A (ASTM)
Carbon Steel	EN10270-2(C)	BS 2803 093A65	DIN 17223 (pt2) VD	A230
		BS 2803 094A65	DIN 17223 (pt2) FD	A229
		BS 2803 095A65		
Low Alloy Steel Chrome Vanadium Silicon Chrome	EN10270-2(CrV) EN10270-2SiCr	BS 2803 735A50	DIN 17225 50Cr. V4	A231, A232
		BS 2803 685A55	DIN 17225 67SiCr5	A401
Diameter range	Carbon Chrome Vanadium Silicon Chrome		.45mm – 9.5mm 3mm – 10mm .76mm – 10mm	
Tensile range	Carbon Chrome Vanadium Silicon Chrome		1290 N/mm <sup>2</sup> – 1690 N/mm <sup>2</sup> 1370 N/mm <sup>2</sup> – 1820 N/mm <sup>2</sup> 1500 N/mm <sup>2</sup> – 2250 N/mm <sup>2</sup>	
Finish	Black Oxide	(controlled scale) with protective oil		
Annealed	All the above wires are available in the annealed, or annealed and lightly drawn condition. For hardening and tempering after spring formation.			
Shaped	The above can also be supplied in shaped wire. (Please see separate sheet)			
Packaging	Catchweight coils up to 500 kgs Formers Cut lengths Specific coil weights/sizes (See Packaging separate sheet)			

Normal condition of supply is cast to fly straight, but all sizes can be cast to block if required.

