

Hardening and Tempering Service.

We have a digitally controlled muffle furnace and are able to offer a hardening and tempering service for spring steel and silver steel.

Cost depends on number of items and treatment required but starts from £20.00 for loco springs and £12.00 for silver steel (small tools).

Please contact us or visit our web site if you require further details.

All hardening and tempering is at the customers own risk.

Tufnol (whale brand)

Size Thickness 1/32" (0.8mm)	Price per 1200mm	g per 1200mm
3/8"	£2.38	10
1/2"	£2.59	20

Other widths can be cut to order.

Polished Spring Wire (piano wire)

Available in any length for making springs.

Diameter	SWG	Price per 300mm
0.71mm	22swg	£0.10
0.90mm	20swg	£0.12
1.0mm	19swg	£0.14
1.25mm	18swg	£0.16
1.40mm	17swg	£0.19
1.60mm	16swg	£0.21

Annealed Spring Steel CS70 Price/weight per 12" (305mm) - longer lengths available.

Size	£/12"	g/12"	Size	£/12"	g/12"	Size	£/12"	g/12"
3/8" x 25swg	£0.60	12	1/2" x 24swg	£0.65	17	5/8" x 33swg	£0.50	4
3/8" x 24swg	£0.65	13	1/2" x 22swg	£0.80	22			
3/8" x 22swg	£0.75	17	1/2" x 20swg	£1.00	28	3/4" x 16swg	£2.00	72
3/8" x 20swg	£0.90	21	1/2" x 18swg	£1.30	37			
3/8" x 18swg	£1.05	28	1/2" x 16swg	£1.45	48	1" x 16swg	£2.80	96
3/8" x 16swg	£1.35	37						

This is a quality spring steel and a chemical composition test certificate is available for each item/batch.

Harden at 820°C quench in oil, then temper at 350°C for one to two hours.