



CENTRAL WIRE INDUSTRIES UK, LTD.



Where Your Ideas Take Shape

Typical Shapes: Wedge / Squares / Oval / Half Round / Tapers "T" Sections / Flat / Rectangle / I-Beams / Specials

Size: 1.25 mm - 160.00 mm (0.049" - 6.3") Cross Sectional Area

Ø Size: 0.80mm to 20.00mm (0.031"-0.787")

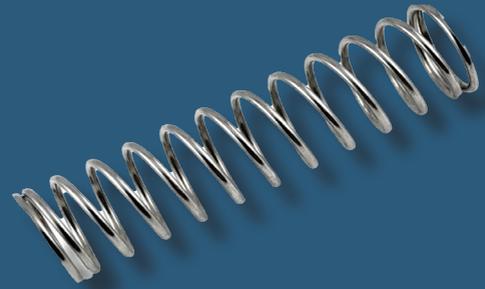
Available Grades:

- 300 series stainless
- 400 series stainless
- Duplex / Super Duplex
- Nickel Alloys
- Brass / Copper
- Carbon / Alloy Steels

Packaging:

- Coils 5 kgs - 1200 kgs (10 lbs - 2650 lbs)
- Spools 5 kgs - 1200 kgs (10 lbs - 2650 lbs)
- Lengths 50mm - 6500mm (4" - 256")

All wires are manufactured in accordance to BS/EN, ASTM, NACE, and your custom specifications.



Scan to learn more!

We are proud to be a leading manufacturer of high-quality wire made from premium materials such as X750, Nimonic 90, and 17/7PH, available in diameters ranging from 0.80mm to 17.00mm.

Our wire is engineered to meet the demanding requirements of industries where exceptional strength, corrosion resistance, and high-temperature performance are essential. These alloys are particularly ideal for use in the production of valve springs, which operate in high-stress environments. By providing reliable, precision-manufactured wire, we ensure that our customers can create products that meet the highest standards of performance and durability.

Our wire production process utilizes advanced technology to ensure tight tolerances, consistent quality, and superior material properties across all sizes. Whether your application requires the heat resistance of Nimonic 90, the high strength of X750, or the excellent fatigue properties of 17/7PH, our wire is designed to support the performance needs of valve spring manufacturers.

We maintain high stock levels of X750, Nimonic 90, and 17/7PH wire, ensuring quick lead times and competitive prices to meet your production needs efficiently.

5mm to 20mm 302, 316, 316Ti
Competitive Prices & Lead Times

Duplex/Super Duplex Alloys

Alloy	Material No.	Applications
LDX 2101	1.4162	Various
Duplex/2205	1.4462	Wireline/Springs/ Filters
Super Duplex	1.4410	Filters/Various
Super Duplex	1.4501	Filters/Welding
Super Duplex	1.4507	Filters/Welding
LDX 2404	1.4662	Various
Duplex	ER 2209	Welding/Springs
Super Duplex	ER 2594	Welding

Specialty Alloys

Alloy	Material No.	Applications
Alloy X-750	2.4669	Springs
Nimonic 90	2.4632	Springs
Alloy 718	2.4668	Springs
Alloy C276	2.4819	Filters/Welding
Alloy C4	2.4610	Filters/Welding
Alloy 625	2.4856	Filters/Welding
Alloy 400	2.4360	Filters
904L	1.4539	Springs/Filters
Alloy 926	1.4529	Wireline/Strand/ Filters
Alloy 22	2.4602	Filters/Welding
Alloy 600	2.4816	Filters/Fasteners
Alloy 601	2.4851	Filters/Fasteners
Alloy 825	2.4858	Filters/Welding
Nitronic 50	XM-19	Springs/Armouring
Alloy 59	2.4605	Filters/Welding
286	1.4980	Fasteners
Nitronic 32	XM-28	Fasteners
Alloy 686		Welding
Alloy 82	2.4806	Welding
316LVM	1.4441	Medical Implants

Ø Wire Diameter: 0.800mm - 20.00mm (0.031" - 0.787")

Profile: 1.25mm - 160.00 mm (0.049"-6.3")
Cross Sectional Area

Conditions: Hard drawn, spring hard (EN10270-3), fully annealed; 1/4 hard, 1/2 hard

Presentations: Coil, spools, formers, traverse wound coils, cut lengths

Surface Finish: Bright annealed, bright drawn, soap drawn & coated, ground bar

Austenitic Alloys

Alloy	Material No.	Applications
17/7PH	1.4568	Springs
302	1.4310	Springs/Spokes
304	1.4301	Wire Forming/Mesh/ Filters
304L	1.4307	Wire Forming/Mesh/ Filters
304Cu	1.4567	Fasteners
316	1.4401	Wireline/Springs
316L	1.4404	Filters/Mesh
316Ti	1.4571	Springs/Filters
316Cu	1.4578	Fasteners
316LSCu	1.4598	Turned Parts
317L	1.4438	Filters/Various
321	1.4541	Bling Rivet Systems
303	1.4305	Turned Parts
303Cu	1.4570	Welding
307 Si	1.4370	Welding

Martensitic/Ferritic Alloys

Alloy	Material No.	Applications
410	1.4006	Fasteners
416	1.4005	Turned Parts
430	1.4016	Fasteners/Filters/ Wire Forming
420	1.4028	Springs/Dental Industry
420S +S	1.4035	Turned Parts

Accreditations, Certifications and Memberships:

- ISO9001
- IMDS Entry
- PPAP
- Institute of Spring Technology
- 3.1 & 3.2 Certification

Services:

- In-line laser measurement for round and profiled wires
- In-line NDT facility
- Up to 1200kg (2,600) spool weights