



CENTRAL WIRE INDUSTRIES UK LTD.



Where Your Ideas Take Shape

Central Wire Industries UK Ltd is one of the world's leading round and profiled wire manufacturers specialising in high-quality stainless steel and nickel alloy **round and profiled wires**. With our production facilities in the **United Kingdom and North America** we supply our profiled wires internationally to companies involved in a wide range of industries and markets. We produce in all stainless steel grades including duplex & super duplex and special nickel alloys including 825 and 625. We can also manufacture profiles in brass/copper and carbon/alloy steels.

Our focus on quality and challenging applications has meant that we have grown significantly to become one of the **world's finest profile wire producers** - specialising in standard sections through to tight tolerance complex profiles. We supply many wedge wire screen companies involved in oil & gas / petrochemical / chemical / water filtration. We are ISO approved and manufacture all our profiles with 100% laser inspection - so dimensional **accuracy is guaranteed!**

Scan for product information on profiled, spring, round and slickline wire, industry-leading blog entries and behind-the-scenes videos.



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.

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
316LVM	1.4441	Medical Implants
Alloy 926	1.4529	Wireline/Strand/Filters
904L	1.4539	Springs/Filters
37/18	1.4864	Wire Belts for Furnances
286	1.4980	Fasteners
Alloy 400	2.4360	Filters
Alloy 22	2.4602	Filters/Welding
Alloy 59	2.4605	Filters/Welding
Alloy C4	2.4610	Filters/Welding
Alloy 718	2.4668	Springs
Alloy X-750	2.4669	Springs
Alloy 82	2.4806	Welding
Alloy 600	2.4816	Filters/Fasteners
Alloy C276	2.4819	Filters/Welding
Alloy 601	2.4851	Filters/Fasteners
Alloy 625	2.4856	Filters/Welding
Alloy 825	2.4858	Filters/Welding
Alloy 686		Welding
Nitronic 50	XM-19	Springs/Armouring
Nitronic 32	XM-28	Fasteners

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
304	1.4301	Wire Forming/Mesh/Filters
303	1.4305	Turned Parts
304L	1.4307	Wire Forming/Mesh/Filters
302	1.4310	Springs/Spokes
307 Si	1.4370	Welding
316	1.4401	Wireline/Springs
316L	1.4404	Filters/Mesh
317L	1.4438	Filters/Various
321	1.4541	Bling Rivet Systems
304Cu	1.4567	Fasteners
17/7PH	1.4568	Springs
303Cu	1.4570	Welding
316Ti	1.4571	Springs/Filters
316Cu	1.4578	Fasteners
316LSCu	1.4598	Turned Parts

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



CENTRAL WIRE INDUSTRIES UK, LTD.