



Cole & Swallow
PRECISION ENGINEERING SOLUTIONS

Cole & Swallow Materials Limited has roots that go deep; back to 1809 in fact, when the first brass foundry was established in Charles Street, near Drury Lane, London. Through the subsequent 200 years of operations we have evolved continuously into a specialist materials supplier offering everything from the ordinary to the extraordinary.

We offer non ferrous and specialist ferrous products manufactured and released to national, international and customer's own specifications. We offer Navy DStan, NES/DGS/Mil-Spec release & commercial EN, BS, ASTM & ASME specifications. We also manufacture to obsolete and non-specific commercial requirements.

Special products like bi-metallic or double wall tube, including leak detector tube, square, oval and flat oval tube are manufactured on site.

Long lengths, short cut pieces and coiled tube formats are all available. We also offer a variety of down- stream and finishing services like end-forming, tube bending or finning, plating, brushing, anodising & painting.

Precision and versatility have always been the driving force behind what we do. Our long experience in making or sourcing high quality and unusual materials has provided us with a unrivalled depth of knowledge and well-proven supply options across the globe.

Not only do we manufacture a range of cold drawn products & semi-finished precision components but, increasingly, we hold inventory in order to service our chosen markets. We offer complete packages for worldwide shipment and a one-stop inventory control service. We also provide a kan-ban service that will allow you to increase your available space and reduce your stock holding overhead.

Our ever growing list of clients rely on us as a versatile trading partner offering absolute security of supply. They value our hard won, and jealously defended, reputation for flexibility in providing on-time delivery of optimum engineering and design solutions.



Cold drawn

products may have mechanical properties & engineering tolerances significantly better than extruded materials. Pipe, rod, or tube can be shipped from stock or made to order. From the tiniest instrument tube to large high pressure pipeline, from standard copper to complex high strength aluminium alloys and from stock sizes to ultra high tolerances - we have both the capabilities and experience.

Heat exchanger tubes

are available from stock or made to order. We focus on the manufacture of special sizes and alloys not usually held in stock. Urgent, small volume requirements are no problem. We recognise the costs associated with not having critical cooling equipment up and running.



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See our website:

www.coleandswallow.com



Extruded products

provide the benefits of complex shapes and an efficient manufacturing process for higher volume production. Copper and aluminium grades & alloys can be supplied in long lengths, short cut pieces or coils. High precision, bespoke sections are a particular specialisation but our finishing and fabrication service has made us a respected supply partner to a wide variety of engineering clients.

Waveguide

has always been a core business since our Evered operation was active in the early development of radar systems, establishing the ultra high precision production techniques required. We now hold the largest stock of Waveguide sizes in Europe, and can ship worldwide with same day despatch.

Woven wire mesh

products are used in a variety of markets from scientific, analytical and medical equipment to filtration systems. As usual, we specialise in the unusual: fine wires, difficult materials, specialist woven structures and fabricated components & assemblies.

Bar, rod & wire

products are made to order or held in stock for specialist engineering companies to call off as required. High purity, high tolerance materials result in faster machining times and trouble free "lights out" operations. We offer copper, aluminium & special alloys.

Fabricated components

and sub-assemblies based on our core products have become a key part of our service offering. Whether simple machining, end forming & cutting or full manufacture and assembly, we will find a solution that will reduce your supplier base. Being designers ourselves, we are competent in advising your team on suitable materials, manufacturing routes and finishing options. We have a variety of special equipment that allows for versatility and can call upon a range of skills to modify or enhance existing processes as necessary.

Our materials:

Copper nickel alloys
Copper - standard to electronic grades
Brass – common & special alloys
Bronze alloys
Copper based special alloys
Aluminium - pure & alloys
Magnesium alloys
Stainless steels
Special alloy steels
Refractory metals & alloys
Precious metals & alloys
Pure metals
Nickel alloys
Titanium metal & alloys
Ceramic components & assemblies

Product forms:

Pipe & tube
Rod, bar & wire
Custom profiles
Plate, strip & foil
Woven mesh & components
Ceramic parts
Machined details
Fabricated components

- Heat exchanger tube
- Pressure tubing & fittings
- Precision machining rods
- Pneumatic tubes
- CHIFF induction & RF tube
- Membrane switches
- Ceramic insulators & wear parts

....are available from our stock or made to order as required.



FM 39286
BS EN ISO 9001 : 2000



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We are approved to supply the following organisations:

- Alstom Energy
- Babcock Engineering Services (BabcockBES)
- BAe Systems
- BN Group
- BOC
- BP Amoco
- Britten Norman Group
- Budenberg
- Crane Heatex
- E2V
- Exxon
- Ferrari Racing
- French Navy, DCN
- HM Navy, DGS/NES/D-STAN
- Honeywell
- ITT Industries
- KM Europa Metal AG
- Le Bronze Industriel
- Linde Gas
- M/A-com
- McLaren Racing
- Marconi
- Nuclear Engineering Services Limited
- Racal Antennas
- Radiall
- Rolls Royce: CQC103
- Rolls Royce, Nuclear Components Division
- Schlumberger
- Serck
- Shell
- Siebe
- Spirax Sarco
- Swagelok
- Tyco
- Ultra Electronics
- US Army; MIL-spec