

If you need access to Europe's largest ex-stock range of non-ferrous metals stainless steel and engineering plastics - delivered to you with a 24/48 hour or JIT delivery service - you need a partnership with Smiths Metal Centres.



Smiths offers you:

- **A VAST PRODUCT RANGE:**
Over 12,500 product lines in aluminium, brass, copper, bronze, stainless steel, engineering plastics and specialist application alloys.
- **FULL UK COVERAGE:**
Provided by 16 strategically located Smiths' sites and our own fleet of almost 60 delivery vehicles.
- **VALUE FOR MONEY:**
Smiths' vast range and cutting service allows you to meet your exact requirements with minimal waste.
- **TIMELY & RELIABLE DELIVERY:**
Your choice of 24/48 hour or JIT delivery.
- **FIRST STAGE ENGINEERING:**
Smiths' comprehensive cutting service, including sawing, guillotining, blanking, slitting and profiling can reduce your through-cost by taking out costly first stage processing.
- **TOTAL QUALITY:**
Smiths operate to the highest standard in quality systems with ISO 9002 & CAA approval. Traceability is guaranteed with our industry unique barcoding systems.

PRODUCT RANGE Smiths has the widest ex-stock range of non-ferrous metals and stainless steel in Europe. All product types are offered in a variety of shapes appropriate to the end-use application. Most products are available in one or more of the following shapes:

Sections		
Angles	Channels	Tees
Flats	Hexagons	Squares
Round tubes	Square tubes	Flat tubes
Rounds	Convex	Decorative

Rolled Products		
Sheet	Shate	Plate
Strip in coil		Wire

pure aluminium

copper bars

aluminium alloys

rolled copper

stainless steel

nickel silver

extruded brass

bronzes

rolled brass

telcon alloys

engineering plastics

16 strategically placed metal centres to guarantee the most competitive TOTAL service package in the UK

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ALUMINIUM and its alloys

Sections

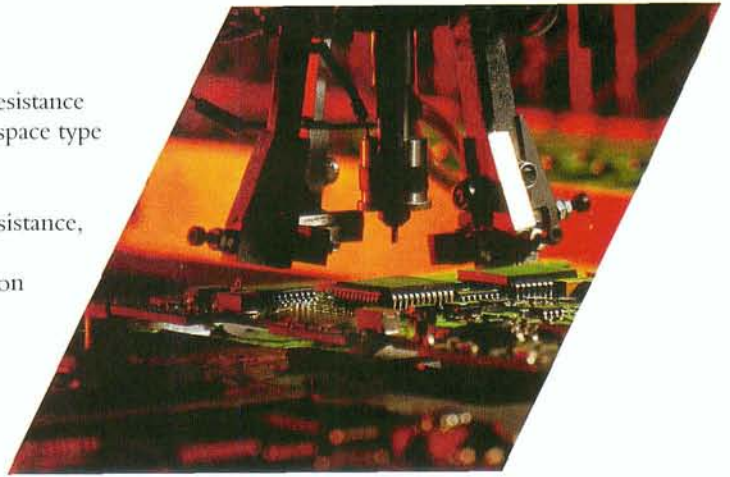
- 6082 H30 Medium strength, general purpose alloy, good corrosion resistance
- 2014AH15 High strength, very good machinability, suitable for aerospace type applications
- 6063 H9 Low strength, suitable for bending, good anodising
- Σ 6262 High strength, very good machinability and corrosion resistance, good anodising
- Σ 2011 FMA Maximum machinability, good strength, reduced corrosion resistance

Rolled

- 6082 H30 Medium/high strength, general purpose alloy, good corrosion resistance, welding and fabrication
- 2014AH15 High strength, very good machinability, reduced corrosion resistance, suitable for aerospace type applications
- 1050 S1B Pure aluminium, low strength, good forming, corrosion resistance
- 3103 N3 Low/medium strength, very good corrosion resistance and weldability
- 5251 N4 Medium strength, very good corrosion resistance and forming
- 5083 N8 Medium/high strength, very good corrosion resistance and welding ideal for general purpose and marine application

Treadplate Patterned treadplate

Speciality plate Advanced range of six application based plates for tool making, mould making, close tolerance and high strength applications



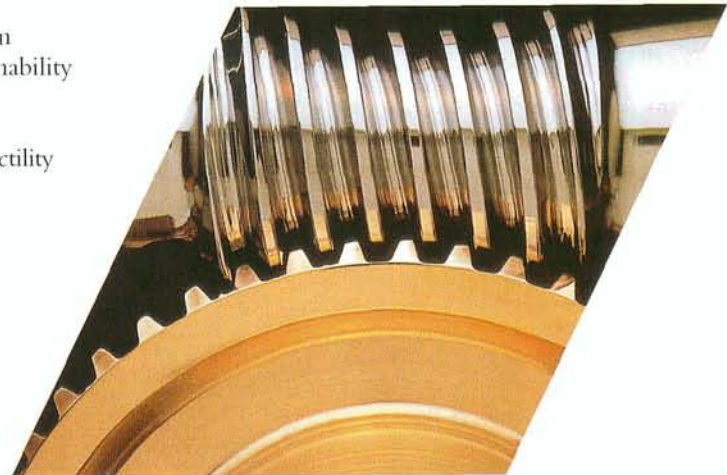
BRASS

Sections

- Σ CZ121 High speed machining brass, ensuring low cost production
- CZ112 Naval brass, very good corrosion resistance, good machinability
- CZ114 High tensile brass, good machinability
- CZ130 Bright finish brass, used for architectural sections
- CZ131 Turning/rivetting brass, free machining brass with some ductility
- CZ108 63/37 Common wrought brass
- CZ126 70/30 Arsenical brass - good corrosion resistance

Rolled

- CZ106 70/30 Soft brass for deep drawing, excellent ductility
- CZ108 63/37 Common wrought brass
- CZ112 Naval brass, high corrosion resistance and machinability, used for marine applications
- CZ120 Compo engraving quality brass, can be punched with minimum 'burr'
- CZ101 Gilding metal for jewellery/architectural work



COPPER

Sections

- HDC101 High conductivity copper
- Σ C111 Free machining copper - sulphur bearing

Rolled

- C101 High conductivity copper
- C103 Oxygen free copper
- CB101 Beryllium copper
- C106 roof Roofing copper

BRONZE

Sections

- PB102 General purpose wrought phosphor bronze
- SAE660 Concast round/hollow leaded general purpose bronze
- LB4 Concast round/hollow leaded bronze - medium loads
- PB1 Concast round/hollow bronze - medium/heavy loads

STAINLESS STEEL

Sections

- Σ 303S31 Austenitic, free machining, high corrosion resistance, suitable for repetition components
- 304S11 Austenitic, high corrosion resistance, good welding, fabrication and polishing qualities
- 316S11 Austenitic, excellent corrosion resistance

Rolled - surface finish : 2B

- 304 Austenitic, high corrosion resistance, good welding, fabrication and polishing qualities



Σ SigmaClip alloys specifically engineered for maximum machinability and consistency