HOLME
DODSWORTH
METALS LTD

Global sourcing
for local needs

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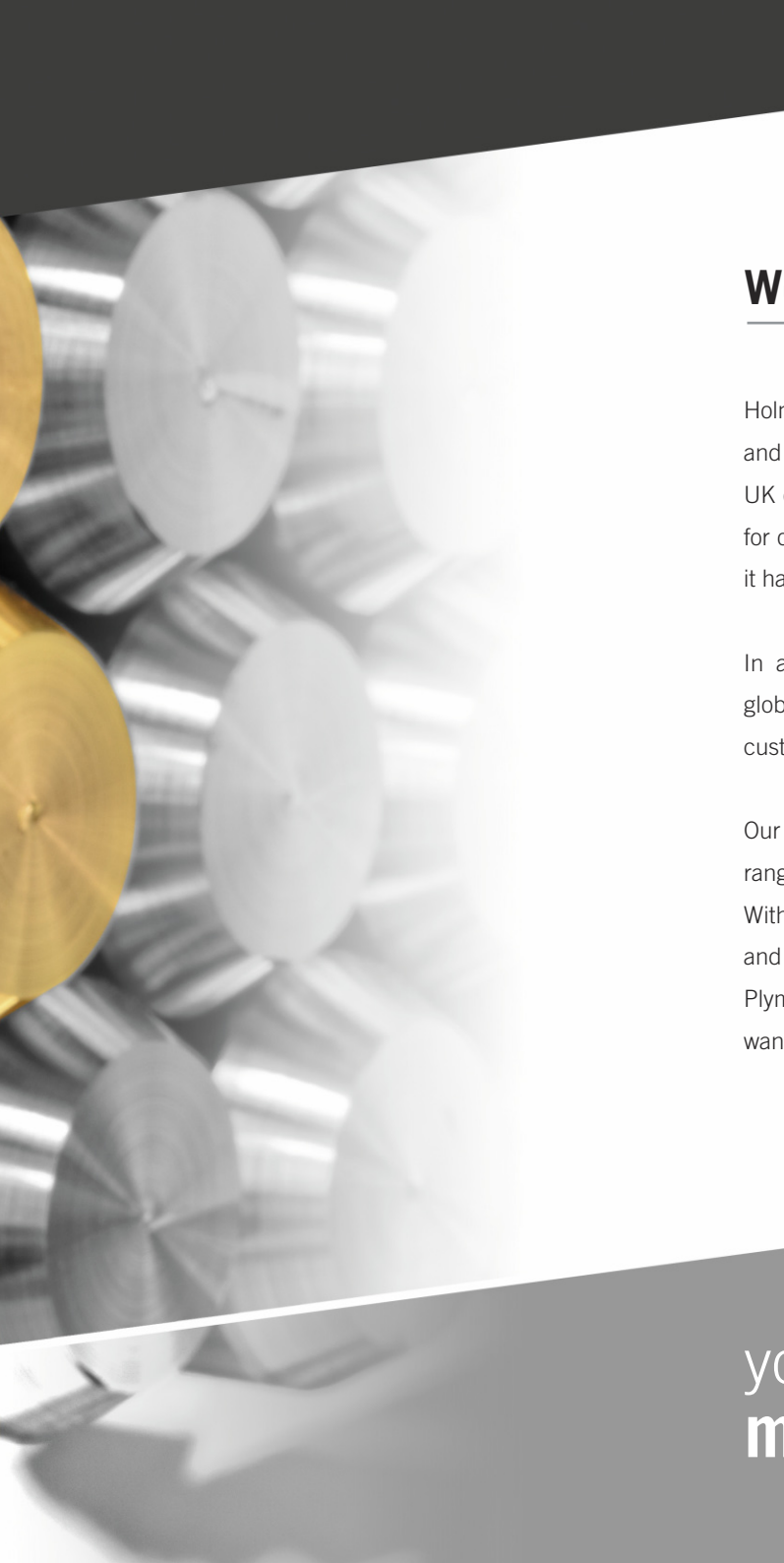


Welcome to a world of metal

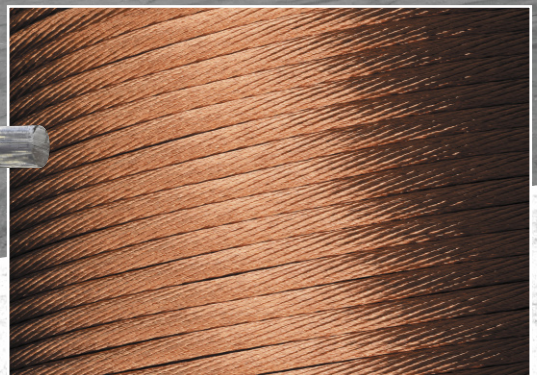
Holme Dodsworth Metals Ltd is one of the UK's largest importers and distributors of non-ferrous metals. Established in 1879 our UK owned and operated business has been supplying industry for over 140 years and is extremely proud of the level of service it has been able to maintain throughout this time.

In a changing business environment, we are committed to globally sourcing quality products and ensuring that our customers receive only the best materials available.

Our priority is providing you, our customers, with a wide product range, supported by fast efficient service at a competitive price. With an expanding nationwide reach and 9 dedicated sales and distribution hubs at Bristol, Luton, Manchester, Newcastle, Plymouth, Reading, Rotherham, Walsall and Witham (Essex), we want to be the reliable partner in your supply chain.

your nationwide
multi-metal stockist

contents



contents

We pride ourselves on our huge range of metals, sizes, shapes and finishes.

Stocked around our group, we carry large quantities of the most popular material sizes to service all of the industries our customers require.

We operate to ISO 9001 and provide local deliveries and daily transfers of material between our branch hubs enabling us to supply material to your business as quickly and efficiently as possible.

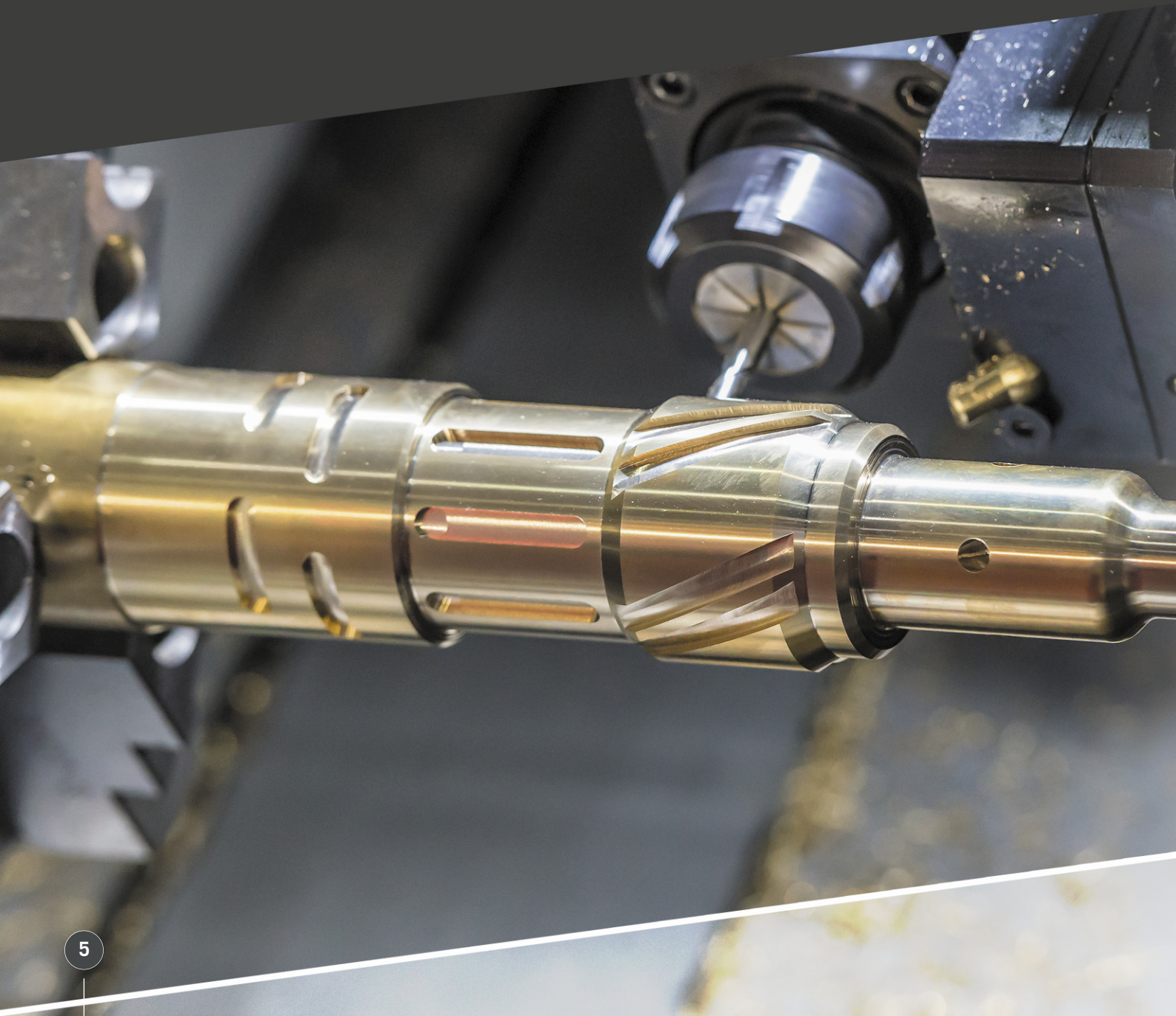
Please review this brochure content or online at: **www.holmedodsworth.com** which highlights our product range and the solutions we can offer your business.

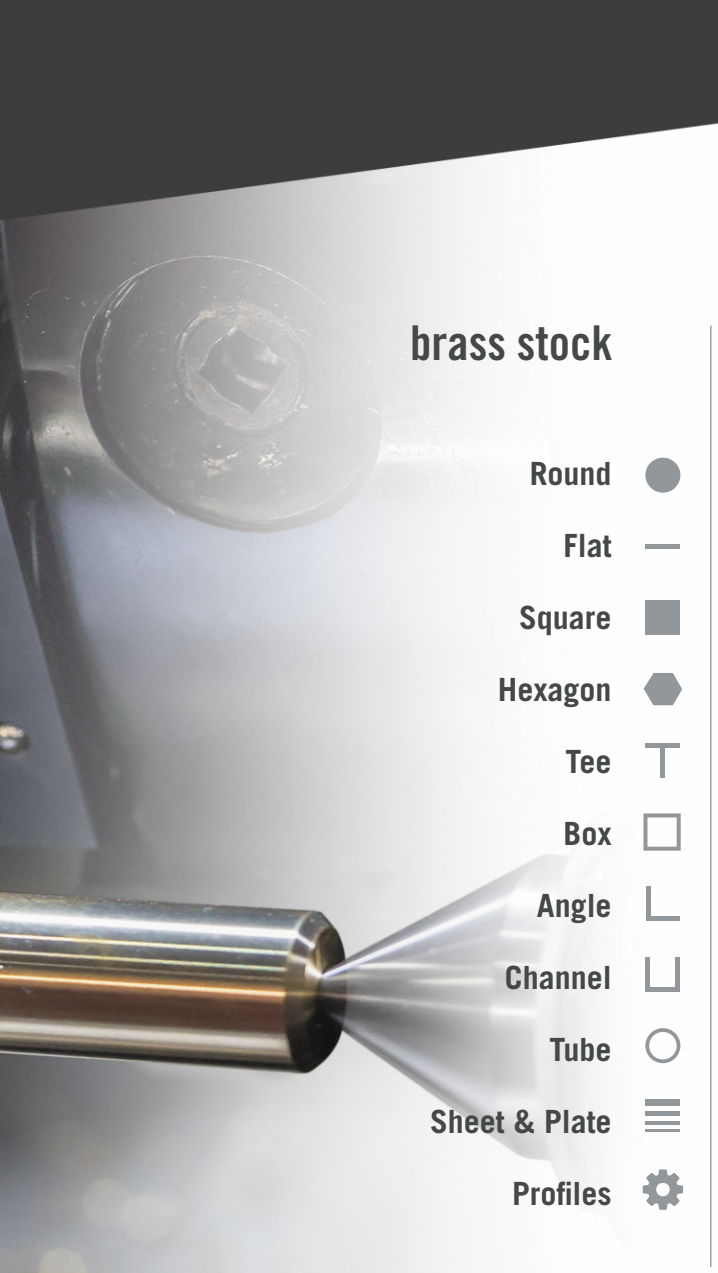
For a competitive spot price, review of mill or stockholder call offs, or a commercial consignment stock arrangement, please call or email one of our friendly and knowledgeable sales teams.

www.holmedodsworth.com

8 dedicated hubs allow us to stock, locate and transport materials to any part of the UK - **quickly.**

brass





brass stock

- Round
- Flat
- Square
- Hexagon
- Tee
- Box
- Angle
- Channel
- Tube
- Sheet & Plate
- Profiles

Essentially an alloy of copper and zinc, the brasses are the most commonly used of all the copper based alloys and are available in a huge range of grades, forms and sizes. Small additions of other elements are used to enhance certain material properties. Elements such as lead, tin, manganese, aluminium, and silicon enhance the machinability, corrosion resistance or strength of individual grades while properties such as ductility and cold formability can be improved by lowering the alloying elements or by decreasing the zinc content. This wide variety of properties ensure that the brasses can be utilised in automotive, aerospace, marine, naval, chemical, electrical, and plumbing industries.

Our brass product range is vast, not just by grade but also by form and size range. Typical grades stocked include free machining brass, naval brass, high-tensile brass, riveting brass, stamping brass, low-lead brass, and dezincification-resistant brass. Further to this, if you need a non-standard brass or size, we can also source for you from our global supply chain.

Typical Grades:

• CZ101 • CZ106 • CZ108 • CZ109 • CZ110 • CZ112 • CZ114 • CZ115
• CZ120 • CZ121 • CZ122 • CZ126 • CZ129 • CZ131 • CZ130 • CZ132
• CW501L • CW505L • CW508L • CW509L • CW702R • CW712R
• CW721R • CW722R • CW608N • CW612N • CW614N • CW617N
• CW707R • CW611N • CW601N • CW606N • CW624N • CW602N

copper

copper stock

- Round bar
- Wire
- Flat
- Tube
- Sheet & Plate
- Square
- Profiles

Our copper products are manufactured by the highest quality producers the world has to offer. Our extensive stock range includes a variety of grades from oxygen free through to ETP copper and free machining grades. The combination of the alloy range and the huge variety of round bar, flat bar, sheet, plate, and tube mean our stocks are unmatched within the industry.

Whilst copper itself is a mid-strength, ductile material, it also offers a good corrosion resistance, excellent electrical and thermal conductivities and good fabrication properties. This combination of properties, together with the possibility of small alloying additions improving the strength and machinability, make copper a very versatile and desirable material for many industrial and commercial applications.

The bulk of our copper product is used as busbars for switchgear or in the power generation, electrical, or telecommunication industries due to its high conductivity levels. However, it is also ideal for the production of valve and pipe fittings, chemical process equipment, architectural fittings and extrusions, electronic circuit boards, cookware, and various bio-medical applications.

Typical Grades:

• C101 • C103 • C106 • C107 • C109 • C110 • C111 • CC101 • CC102 • CW004A • CW008A • CW024A • CW118C • CW009A • CW114C • CC105C • CC106C • CW011A • CW012A • CW013A

bronze

bronze stock

Round bar

Hexagon

Square

Hollow

Flat bar

Plate

We hold stocks of three main types of bronze; aluminium bronze, phosphor bronze, and leaded bronze. These offer different physical and mechanical advantages and are available in different forms according to grade and manufacturing technique.

Despite their name, the phosphor bronzes are essentially alloys of copper and tin and are generally utilised for their wear resistance, corrosion resistance, medium strength, and their traditional bronze colouration. They can be offered in wrought grades as round, hexagon, flat, square, sheet and plate. While our leaded gunmetal with its ease of casting, good strength and corrosion resistance is offered in round bar and thick-walled tube.

The aluminium bronzes though are alloys of copper and aluminium together with varying amounts of nickel and iron. These are generally stronger and more corrosion resistant than the phosphor bronzes. They offer better wear resistance under heavier loads and a good formability, machinability and weldability. More of a golden bronze colour, these are mainly stocked in round, hexagon and plate.

Typical Grades:

• AB2 • CA104 • NES833 • NES834 • DSTAN 02-833 • DSTAN 02-834
• PB1 • PB2 • CUSN12 • PB102 • LG2 • LB4 • SAE660
• CC333G • CW307G • CW301G • C63000 • AMS4640
• CC481K • CC483K • CW451K • CC491K • CC494K

stainless steel

stainless stock

- Round bar
- Flat
- Sheet & Plate
- Square
- Hexagon
- Tube
- Box
- Angle

Stainless steel is an alloy of Iron with a minimum of 10.5% chromium, also containing varying amounts of carbon, silicon and manganese. Other elements such as nickel, molybdenum, copper and tungsten may be added to impart other useful properties such as strength, formability, and increased corrosion resistance.

Its versatility provides for usage in sectors as varied as architecture, catering, energy, oil and gas, power generation and transport. With so many stainless steels to choose from, applying the right specification and finish is essential, as stainless grades vary depending on the amounts of carbon, silicon, manganese, and other elements used in the properties.

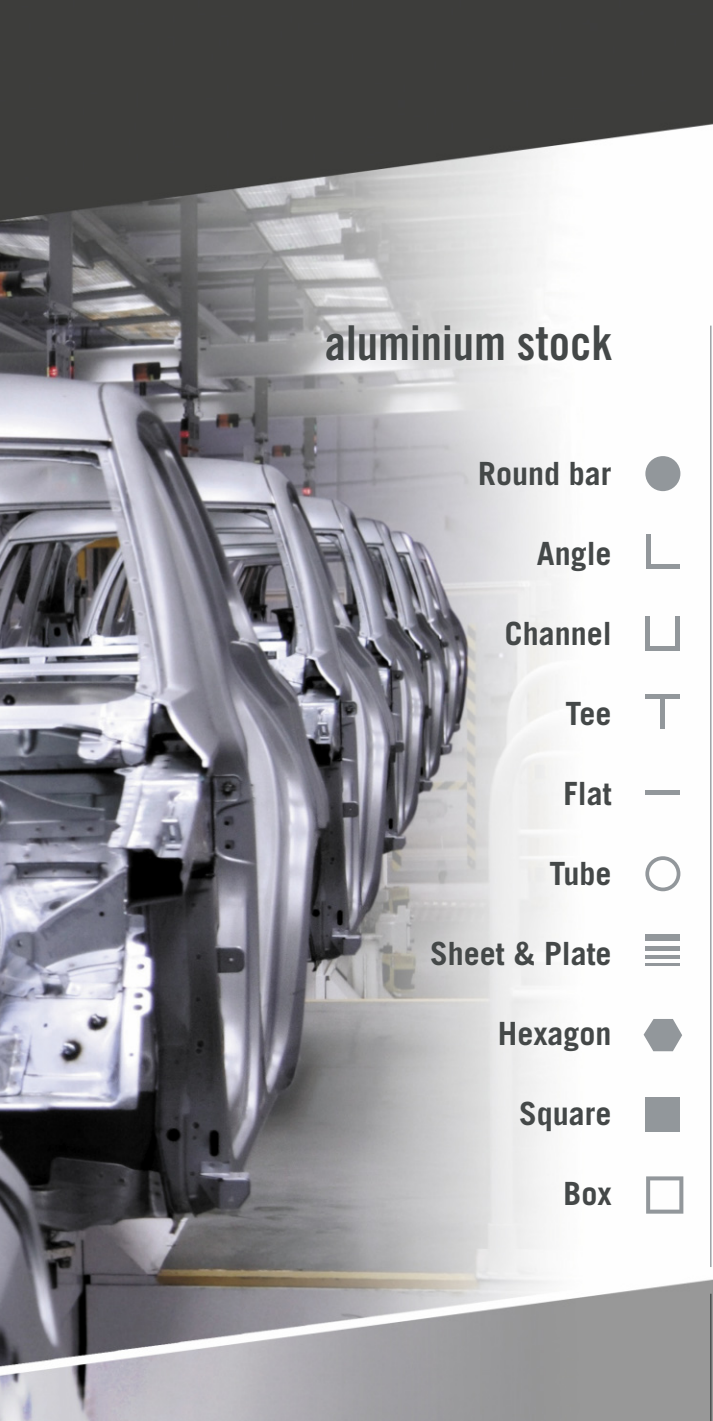
To ensure that we can offer the products that our customers require, we hold an extensive range, offering a large selection of mechanical and physical properties, varying from the non-magnetic austenitic grades and the magnetic martensitic grades to the specialist precipitation hardening, duplex, and super duplex alloys.

Stainless products are offered ex-stock in a variety of grades, forms and sizes to cover a wide range of applications. We are also able to offer customer specific requirements on request.

Typical Grades:

• 303 • 304 • 304L • 316 • 316L • 321 • 416 • 420 • 431 • 440C • 17/4PH
• 1.4305 • 1.4301 • 1.4304 • 1.4307 • 1.4401 • 1.4404 • 1.4541
• 1.4005 • 1.4057 • 1.4021 • 1.4125 • 1.4542 • S17400
• S31254 • S31803 • S32550 • S32750 • S32760
• F44 • F51 • F53 • F55 • F61

aluminium



aluminium stock

- Round bar
- Angle
- Channel
- Tee
- Flat
- Tube
- Sheet & Plate
- Hexagon
- Square
- Box

Aluminium and its alloys are recognised as the most widely used of all the non-ferrous materials due to their unique combination of cost versus strength to weight ratio. However, a very good corrosion resistance, high conductivity, and a good machinability and workability combine to make aluminium and its alloys an important material for both general and high performance engineering, as well as aerospace, automotive, structural, and decorative applications.

We stock a huge range of aluminium products from basic round and flat bar to sheet, plate and section, to more complex extrusions. These forms are held in a variety of grades, from the standard higher purity alloys, to the more complex grades with additions of magnesium manganese, silicon, tin, and copper that offer increased strength or machinability. The extruded shapes are generally manufactured to customer specifications and tolerances, to be held in stock for customer call off.

Typical Grades:

• 1050 • 1080 • 1200 • 2011 • 2014 • 5083 • 5251 • 6063
• 6061 • 6026 • 6082 • 6101 • 6262 • 7020 • 7075
• S1B • S1A • S1C • FC1 • H15 • NE8 • NE4 • HE9
• HE20 • HE30 • E91E • HE20 • HE17 • L95

other products

typical products stocked

Cast iron

Tool steels

Engineering steels

Nickel alloys

Titanium

Engineering plastics

Round bar

Flat

Tube

Sheet & Plate

Hexagon

Other metals stocked across our group include a wide range of cast iron, tool, engineering and mild steels, titanium, nickel and engineering plastics. These are held in a variety of forms and sizes and complete the mult-metal option when choosing Holme Dodsworth Metals Ltd.

We hold two types of cast iron: grey and nodular. The grey cast iron offers a good combination of strength and wear resistance while still possessing a good machinability. The nodular cast iron is used for its ductility. Both of these grades are available in round, flat, and square bar.

We also have a large range of tool and engineering steels in stock, mainly in round and flat bar in both quenched and tempered, and in rolled condition. We can also offer 3.2 certification with intent via Lloyds upon request.

Our nickel alloy and titanium products offer properties such as high strength, corrosion resistance, and excellent performance at high temperature. These are held to a number of trademarks and underlying specifications. If you cannot see what you are looking for, please contact us and we will assist you in finding the grade you require.

Typical Grades:

• Grade 250 • 400/15 • 500/7 • 600/3 • Ni-Resist
• 01 • D2 • H13 • 1.2379 • 1.2344 • 1.2510
• EN1A • EN3A • EN3B • EN8 • EN19 • EN24
• 230M07 • 070M20 • 080M40 • 709M40 • 817M40
• Alloy 400 • Alloy K500 • Alloy 600 • N31 • TI GR 2 • TI GR 5

quality assured

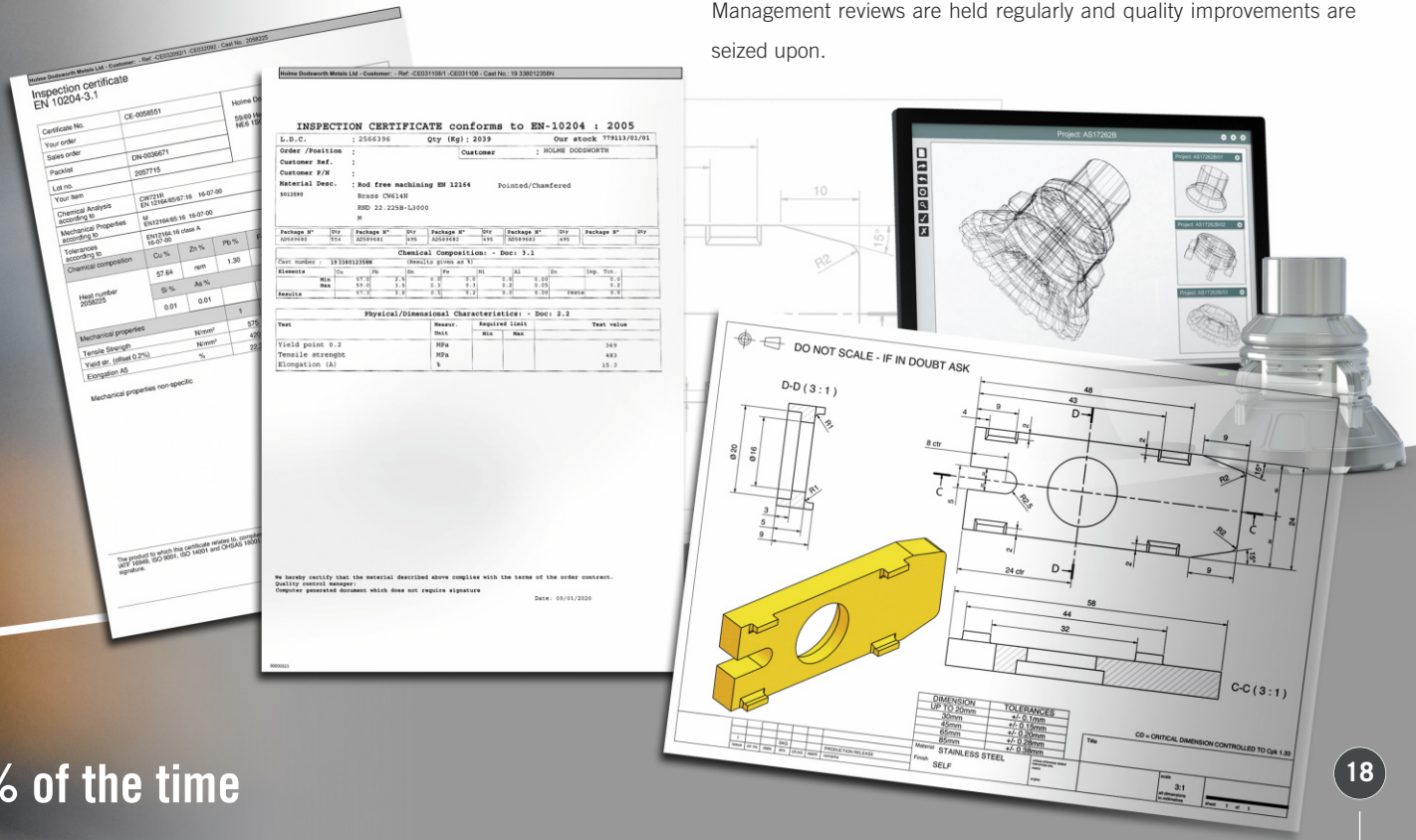
We aim for 100% satisfaction,

UKAS accredited to ISO 9001:2015

We have accepted a commitment to provide you with high quality materials from our global supply chain and also to work with a quality system that continually improves our customers' satisfaction and our staff working practices.

Our integrated Quality Management and ERP systems therefore have an essential role by defining the quality expectation and providing the tools for analysis of our performance against these goals.

Management reviews are held regularly and quality improvements are seized upon.



100% of the time

processing & delivery

Processing and delivery services that complement our vast range of stock materials

services

Bar and Plate Cutting

Polishing

Tinning

Grinding

Machining

Heat Treatment

Coating

Local and National Delivery

We have invested in a number of different processing facilities to complement our stock range and make purchasing, delivery and production as easy as possible for our customers. From small individual pieces of bar, sheet or plate, to large contract orders, we are able to process our materials so they are ready for you to use. In addition to our own facilities we also have arrangements with approved suppliers for precision grinding, slitting, machining, polishing, and coating of alloys.

Due to the strategic placing of our hubs, we are able to quickly process and deliver material via our own fleet of vehicles or utilise a national next day courier service. Alternatively, should you prefer to collect material, all of our sites can offer this within the hour.

If you have a requirement for further processing, please let us know and we will include details in our quotation.

locations

9 dedicated sales and distribution hubs allow us to stock, locate, and transport materials to any part of the UK - Quickly.

HOLME DODSWORTH METALS LTD

market sectors include:

Automotive, Transportation & Motorsport

Marine & Shipbuilding

Precision Engineering & CNC

Tube Sheet & Heat Exchanger

Lasercut, Waterjet & Fabrication

Electrical, Electronics, Busbar & Switchgear

Defence

Architectural & Infrastructure

Energy, Oil & Gas

Medical

Power Generation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copper
bronze
stainless steel
aluminium
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SYSTEMS
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