



BRODER

METALS GROUP

Global reach, personal touch

Innovators, experts,
international
suppliers... and
your best friend

From the heart of a UK city renowned for steel, Broder Metals Group is forging an alliance that has the well-being of customers rooted at its very core.

Three of the four companies of this successful group principally stock and deliver an ever expanding range of high grade steel and copper products across the globe, whilst a fourth specialises in production of high quality forgings and pipework fittings.

Providing what the customer wants is at the heart of the group's ethos, and collaboration, innovation and finding new ways to help customers face their challenges figure prominently in group discussions.

This empathy and understanding of challenges faced by customers from Birmingham to Australia, ensure solid, long lasting relationships that are weaved around a personal touch, the highest service levels, and trust.

The group's friendly sales teams are in constant liaison with an international network of metal suppliers, allowing the swiftest response to customer enquiries.

Al Materials, Alloy Flanges & Fittings, High Tensile Stainless and Integrity Alloys, comprise Broder Metals Group – the international provider with a finger firmly on the pulse of the metals industry.

Experts... and your best friend.





AI MATERIALS

BRODER METALS GROUP

Your source for nickel alloy, stainless and duplex/super duplex, nimonics and titanium round bar

AI Materials is a strategic partner and key supplier of materials from stainless steel to nickel alloys and titanium. Customers around the world include fastener manufacturers, oil & gas, power generation and petrochemical focused precision machinists, as well as general engineering companies operating at the cutting edge of technology.

Target KPIs include same day quotations and next day despatch of bar stock.

Our commitment to quality and service is constant whether we are supplying small local machine shops or global companies. This commitment has been a key factor in the growth of AI Materials.

Using the springboard of our ISO 9000 accreditation, we have worked hard to get AI Materials into a position where our extensive knowledge and experience allows us to supply material in accordance with specifications and quality plans required in modern industry.

Whether as a converter and stockist of **Titanium**, or via subsequent diversification into nickel alloys (notably **Alloy 286 / 660**, and later **Alloy 718**), customers liked what we offered in terms of service.

Consequent further growth resulted in the addition of **Alloy 625**, **Alloy K500**, and **Alloy 825** bar stock, and these core grades have subsequently been supplemented by a range of **Stainless** grades, **Duplex/Super Duplex** and **Nimonic steels**.

In addition, by utilising our extensive contacts in the metals arena, AI Materials has complemented its' in-house stock by developing a unique material sourcing service for hard-to-find metals and sizes. We are also able to offer a conversion service from billet when circumstances require it.

Commenting on the growth of AI Materials, managing director Mark Burton said: "Our clients want metal at the right price, in accordance with the required technical specifications and with the fastest possible delivery. This is what we do.

What makes us different? – the empathy, enthusiasm, humour and professionalism that our great staff bring to this complex process".

www.ai-materials.co.uk

T: +44 (0) 114 243 1206

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Alloy Flanges & Fittings has built a world wide reputation supplying the oil and gas, petrochemical and power generation industries around the world.

It is our blend of commercial acumen, technical knowledge and vast industry experience which dovetails to produce the attention to detail required to convert stock material into the finished product.

It is this extensive knowledge coupled with our relationship with forges, heat treaters and machinists in the UK and Europe that has such appeal to our customers, and is our key differentiator.

The result is the ability to determine the most cost and quality effective methods of producing **Forgings, Flanges, Weldnecks, Slip-ons, Blinds, Discs, Rings, and Fittings**, in a variety of materials, from **High Yield Carbon** to **Stainless** and **Nickel Alloy** steels.

Allied to this is our ability to source **Sheet / Plate, Pipe / Tube** and **Pipework Fittings** to complement the above core products.

We can supply all of these as individual products or packages to suit the needs of our customers.

We pride ourselves that bespoke, small batches, quoted and produced at speed, as well as larger production runs, all get the same superior service – to the highest international quality and industry standards.



ALLOY FLANGES & FITTINGS

BRODER METALS GROUP

Your source for
stainless steel,
nickel alloy and
titanium flanges,
special forgings
and fittings

www.alloyflangesandfittings.com

T: +44 (0) 114 242 3040

F: +44 (0) 114 261 1519



HIGH TENSILE STAINLESS

BRODER METALS GROUP

Your source for
B8/B8M & A2/4-70/80
stainless plus (F55)
UNS S32760 FLT
grade super duplex

The Broder Metals Group is always keen to innovate and find new ways of enhancing our supply chain offering into our key industry sectors.

High Tensile Stainless was launched when existing oil & gas industry fastener customers asked us if we could supply difficult to source products.

And of course, delivered with the same exceptional customer service they already enjoyed from Broder Metals Group companies.

We called upon the Group's industry knowledge to utilise proven manufacturing processes to enhance the properties of stainless steel grades 304 and 316. This produces **B8 / B8M Class 2**, and **A2 / A4 -70** and **-80** grades, with tensile properties between 40% and 100% higher than the standard material, and with no loss of corrosion properties.

The same customers then asked for still further enhanced properties – 316 stainless with a tensile strength of more than 1000 MPa – again successfully achieved and providing our customers with a new cutting edge.

Other developments resulted from working with spring manufacturers to produce six metre lengths of **B8M Class 2**, giving these customers economies of scale and a competitive advantage.

A further initiative includes long term collaboration with Sheffield Hallam University and key specialist subcontractors to produce the **FLT** grade of **(F55) UNS S32760** that can be used in sub sea environments at temperatures below minus 100C.

"Our customers come to us because of our long term relationships, trust in our expertise and confidence that we will supply what they need at the best service levels in this industry" said Mike Andrews, director.

"High Tensile Stainless has delivered on every level, and we will continue to work in partnership with clients and suppliers to set new standards in the industry".

www.high-tensile-stainless.com

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Integrity Alloys' specialist knowledge of aluminium bronze, and copper alloys, allied to a flexible and innovative approach to distribution, plus of course the same commitment to customer service as in other group companies, lie at the heart of its success.

The company stocks and distributes copper nickel, aluminium bronze, brass and other copper alloys in round bar and hexagon forms, and through collaboration with Alloy Flanges & Fittings, forged and finished machined components.

The customer base includes fasteners in the oil and gas sector, pump and valve producers, propeller shaft manufacturers in the marine industry, and general engineering companies.

"We have built relationships with a range of mills throughout Europe" said managing director Mark Burton, "but the most important aspect we have introduced is to offer an innovative supply chain solution to our customers.

We supply whatever the customer requires currently... but then provide a tailored stocking and delivery arrangement to help them cope with any sudden increase in demand – a win-win situation for all in the supply chain.

Customers who prefer cut piece or random length products ex stock are also important to us. The Broder Metals Group pledge of same day quotation, next day delivery applies equally across all our companies.

This engagement with customers works incredibly well because of the strength of relationship between Integrity Alloys and its customers, but especially because of the group's ethos and relationship with its international supply network".

Integrity Alloys are truly delivering, in every sense of the word.



**INTEGRITY
ALLOYS**

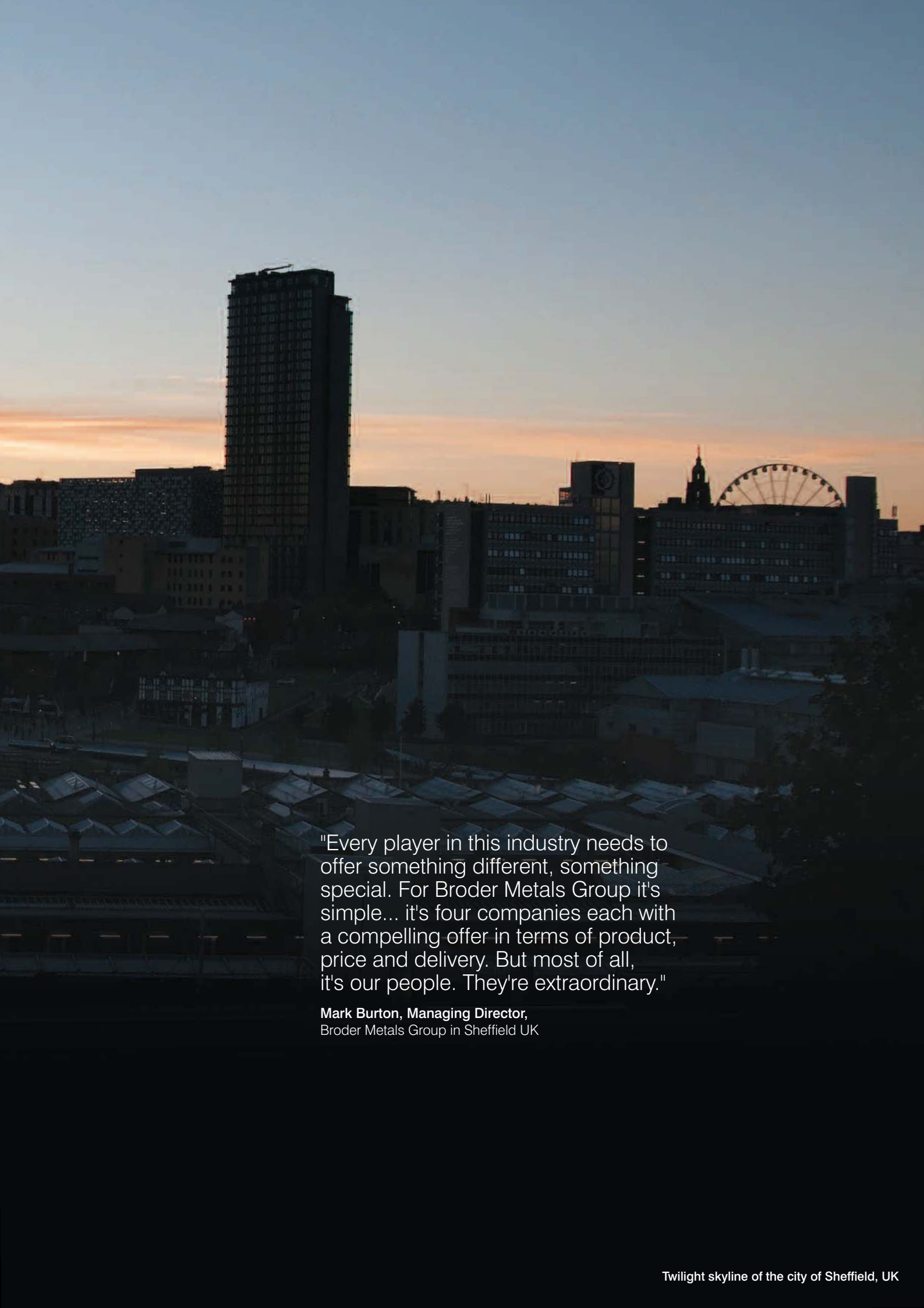
BRODER METALS GROUP

Your source for
aluminium bronze,
copper nickel,
brass, and other
copper alloys

www.integrity-alloys.com

T: +44 (0) 114 251 8030

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"Every player in this industry needs to offer something different, something special. For Broder Metals Group it's simple... it's four companies each with a compelling offer in terms of product, price and delivery. But most of all, it's our people. They're extraordinary."

Mark Burton, Managing Director,
Broder Metals Group in Sheffield UK



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