

TUBE & STEEL SUPPLIES

TSS

EST. 1999



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WELCOME TO TUBE AND STEEL SUPPLIES LTD

At Tube and Steel Supplies Ltd, we are proud to be one of the UK's trusted providers of high-quality steel products, serving a wide range of industries with reliability, expertise and outstanding service.

We are a privately owned company with decades of experience in the steel sector. Our exceptionally diverse product portfolio is built around our core focus: structural, mechanical and precision tubing, as well as pipes, fittings, flanges, valves, galvanised handrail systems, associated clamps, and a wide range of ancillaries. In addition, we offer a broad selection of steel sections, plates and bars to meet a wide variety of customer requirements.

As a service-driven company, we pride ourselves on our exceptional customer commitments. Whether you're sourcing materials for fabrication, construction, engineering or manufacturing, our knowledgeable team is dedicated to delivering the right products on time, every time, with personalised support throughout.



OUR HISTORY

Tube and Steel Supplies Ltd was established in 1999 with a clear mission: to provide dependable steel solutions backed by outstanding customer care. From modest beginnings, the company has grown steadily over the years, earning a reputation for integrity, quality and flexibility.

In 2019, we relocated to a larger 16,000 sq ft premises in Newport, enabling us to expand our stockholding, improve our processing capabilities and enhance our logistics. The site also features a dedicated trade counter, where customers are welcome to visit, browse our product range and discuss their requirements in person with our experienced team.

Today, we continue to support businesses across the UK with both standard and bespoke steel solutions, always with the same commitment to service, reliability and customer care that has defined us from day one.

WHY TSS?

At Tube and Steel Supplies Ltd, we pride ourselves on delivering more than just steel, we deliver reliability, precision, and service excellence. Our customer-first approach and consistently high service levels have made us a trusted partner across a wide range of industries.

We understand that our clients need more than raw material - they need solutions tailored to their exact specifications, delivered on time, every time. That's why we focus on providing a reliable, flexible, and responsive service built around your needs.

With over 150 years of combined steel industry experience, our knowledgeable and dedicated team is committed to supporting your projects from start to finish - with care, consistency, and professionalism.

OUR SERVICES

TSS offers a comprehensive range of services designed to add value, save time, and keep our projects running smoothly.

Whether you need material prepared to exact specifications, delivered at short notice, or finished to a high standard, we're here to support you every step of the way.



CUTTING

Our automated band saws process pipes, tubes, beams, angles and solid bars with precision – handling diameters up to 406.4 mm.



THREADING

With in-house threading machines, we offer fast and accurate threading of pipes from 3/8" to 6" NB, ready for immediate use.



SPEEDY NATIONWIDE DELIVERY

We provide next day, and in many cases same day, delivery on stock items across the UK – helping you meet tight schedules without compromise.



POWDER COATING

TSS offers a full powder coating service for all materials, available in a wide selection of BS and RAL colours for a durable, high-quality finish.



INTERNATIONAL EXPORT

We export globally by rail, road, sea and air, delivering quality steel products wherever they're needed.



SITE SERVICES AND INSTALLATION

Our on-site capabilities include labour supply, installation, and surveys, ensuring a seamless and professional service from start to finish.

PRODUCTS

Whilst we are primarily specialists in steel tube and pipe, TSS also offers a wide selection of structural steel sections and associated accessories.

From beams and angles to fittings and finishes, we aim to provide a complete solution to support your project requirements – all with the same level of quality, reliability and service we're known for.

TUBE AND PIPE



HOT FINISHED SEAMLESS (HFS)

Standard Steel Grade:

- EN10210-1/-2 (Construction); S355 J2H, S355 NH
- EN10216-1, EN 10216-3 (Pressure); P235 TR 1 + TR 2, P265 TR 1, P355 N TC 1
- EN10297-1 (Mechanical Engineering); E235, E355, E470

Dimensions (OD x WT): 25 x 3.2mm – 660 x 100mm
(other dimensions available on request)

Marking: Manufacturer stamp, EN standard, material, delivery condition, size, heat number or identification number.

Certification: 3.1 acc. to EN 10204



COLD FINISHED SEAMLESS (CFS/CDS)

Standard Steel Grade:

- EN 10305-1 (Mechanical); E235, E355
- EN 10305-4 (Hydraulic); E235, E355

Dimensions (OD x WT): OD 3 – 260mm, Wall thickness 0.3 – 20mm

Marking: (Hydraulic only) Manufacturer stamp, EN standard, material, delivery condition, size, heat number or identification number.

Certification: 3.1 acc. to EN 10204



API SEAMLESS AND WELDED LINEPIPE

Both seamless and welded tubes are available, and we offer plain-end, thread-end and bevelled-end options.

Linepipe is pressure tested to 1000psi as standard.

All pipes are available in Carbon Steel, Stainless Steel & Aluminium.

Common specifications readily available include; ASTM A106 Grade B:
API 5L Grade B: ASTM A333 Grade 6.



ELECTRIC RESISTANCE WELDED (ERW)

ERW (Electric Resistance Welded) welded steel sections are available in a range of formats – Circular/Square/Rectangular and Elliptical to EN 10305:2010 Part 3 & 5 E220.

Produced from steel strip, ERW is used in a range of sectors including Furniture, Fabrications, Automotive Display/Shop Fittings & many more....

Stock lengths are approximately 6.15m although TSS offer a full cutting service if required.



EN10255 GAS & WATER PIPE (BS1387)

Our gas and water tube conforms to EN 10255:2004 (BS1387) and EN10217-1:2002 (Dual Certified)

Available in both hot & cold formed, EN10255 is suitable for threading, bending (hot formed only) and welding.

Finishes available include self-colour, red primer painted & galvanised. Pipes can also be plastic/powder coated to specific BS/RAL upon request.

Plain ended and screwed & socketed are readily available.

Size range: 1/4"NB – 6"NB.

Standard stock lengths are 6.55m however we do offer a full cutting service.



HOLLOW BAR

Our hollow bar stock typically ranges between 30-250mm OD, other sizes out of this range are available on request. Hollow Bar is a machinable steel tube and widely used by engineers for turning for many industries such as industrial roller manufacturing.

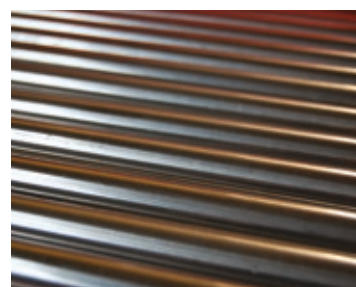
Standard: EN10294-1

Steel Grade: E355, E355 J2, E420 J2, E470, E590 K2

Dimensions (OD x ID): 30 x 20mm – 250 x 120mm
(other dimensions available on request)

Marking: Producer, EN Standard, material, heat code or identification number, delivery condition.

Certification: 3.1 acc. to EN 10204



STAINLESS STEEL

Our range of stainless steel stock includes pipe & tube products, flat products, marine materials and handrailing. As stainless steel is a hugely versatile material with unique properties it is an exceptional material for use in many applications.

Common Standards & Specifications:

- EN 10088-3/1.4307, BS1449/304S15 & ASTM-AISI/304L
- EN 10088-3/1.4404, BS 1449/316S11 & ASTM – AISI/316L



ALUMINIUM

Our Aluminium stock range is available in various forms such as Tube/Pipe products & flat products.

Aluminium is a relatively new material having only been commercially available since 1886.

Compared to most other materials, aluminium has undergone a rapid development in its short existence as a usable metal. What was initially a decorative material with very limited properties has become a fully-fledged engineering material with a vast array of properties making it suitable for an equally large array of applications. This transformation has been achieved through the development of a wide range of alloys, production processes and heat treatments.



ALLOYS (T45/4130)

Thanks to their increased mix of alloying elements (such as Iron, Carbon, Silicon, Manganese etc) & thermal treatments, T45 & 4130 tubes benefit from higher mechanical strength properties when compared to a standard CDS tube, such as E235.

Due to their increased mechanical strength, a user can sometimes utilise a thinner wall thickness or diameter, thus saving weight and still maintaining the structural strength required. This makes T45/4130 the go-to product for industries such as Aerospace & Automotive.

FITTINGS FLANGES & ACCESSORIES



BUTT WELD FITTINGS

To complement our extensive range of tube & pipe TSS also offer a comprehensive stock of butt weld fittings such as elbows, tees, reducers, sockets & caps.

All fittings are compatible with all ANSI pipe sizes. Fittings can also be formed to meet customer requirements on request.

Size range: 15NB – 900NB (1/2" – 36"). Other sizes are available to manufacture on request.

Specifications include: EN 10253-2/BS 1965, ANSI/ASME B16.9



FLANGES AND GASKETS

Our flange stock range is available in both Carbon Steel & Stainless Steel variations with a full range of gaskets to compliment the range.

- ANSI B16.5 Forged: Class 150, 300, 600, 900, 1500, 2500lb
- ANSI B16.47 Series A & B Forged: Class 150, 300, 600lb
- BS EN1092 (BS4504) Forged: PN6, 10, 16, 25, 40, Plate & Blind: PN6, 10, 16, 25, 40

Types: Weld Neck, Slip on, Blind, Socket weld (up to 4"), Lap Joint – offered in RF, FF & RTJ finish.

Size range: 1/2" – 36".

Bespoke flanges to non-standards can be manufactured.



FORGED FITTINGS

3000 & 6000lb rated forged fittings are available in screwed BSP, NPT & socket weld. Fittings are available in either galvanised or self colour finishes.

ANSI B16.11 MSS SP-83, MSS SP-95, MSS SP-97 BS3799

Size range: 1/8" – 4"

Material Grade: ASTM A105N & ASTM A350 LF2



MALLEABLE IRON FITTINGS

TSS stock two types of Malleable Iron Pipe Fittings in both a galvanised and self colour finish:-

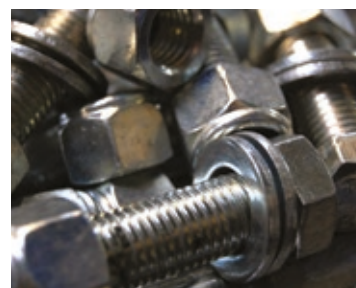
Banded: Manufactured in accordance with British Standards, all female threads are BSPT (Taper).

Beaded: Manufactured in accordance with European DIN standards, all female threads are BSPP (Parallel).



VALVES

Our valve stock covers a wide range of flow control products for most Gas, Water, HVAC, Steam, Process, Powder & Agriculture applications. Relief valve & gauge calibration facilities are available on request.



FIXINGS AND ANCILLARIES

In support of our core products, we offer a wide range of Fixing & Ancillary components in order to streamline our customers' order process. Stocks are held in Mild Steel, High Tensile & Stainless Steel. Some of the products held include:-

- Studs and Studding
- U-Bolts, Eye Bolts
- Fixings, Anchor Bolts and Resin
- Bolts and Sets
- Machine Screws
- Abrasives (Cutting and Sanding)
- Drills Taps and Hole saws
- Glue and Adhesives

HANDRAIL SYSTEMS

TSS stocks a wide range of galvanised clamp systems, including DDA-compliant options and our versatile Roof Guard systems. We also operate the TSS Balustrade Centre, specialists in the supply and installation of high-quality balustrade systems throughout the UK. Further details can be found on the reverse of this brochure.



NON-FERROUS

TSS offers an extensive range of non-ferrous products, including high-quality aluminium, brass, bronze, copper, stainless steel, tool steel, titanium, and nickel alloys – providing versatile solutions to meet the demands of a wide range of industries and applications.



WHAT OUR CLIENTS SAY

Very impressed with the performance we received from TSS at our recent scheme. The team acted diligently and reacted promptly and effectively, overall providing a great service.

**SAM HOBBS, QS,
BECT BUILDING CONTRACTORS**

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