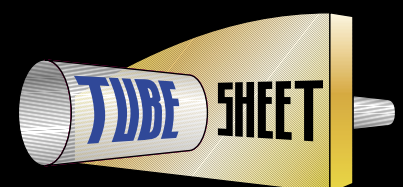
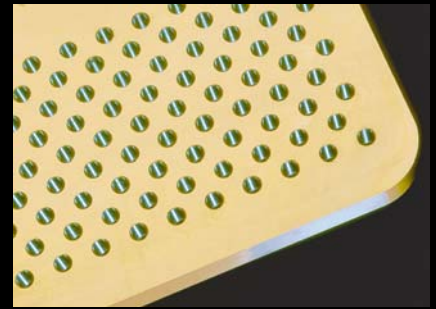
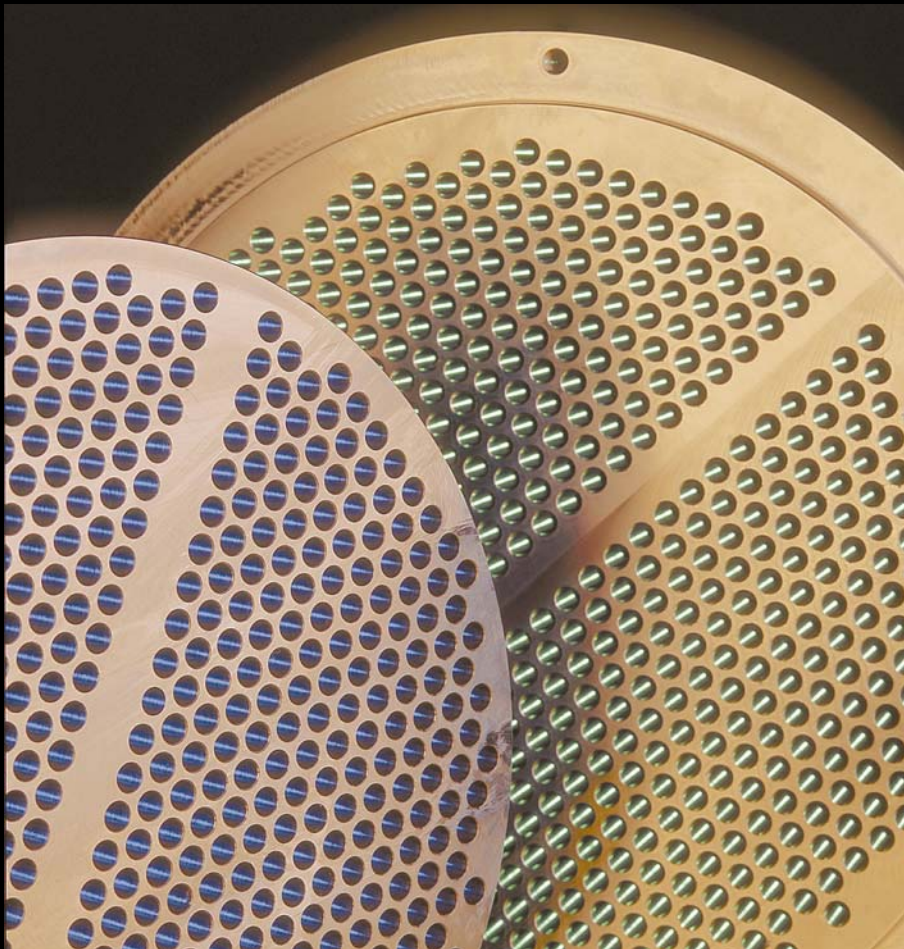


**Copper alloys and precision engineered components for the manufacture of high performance heat exchangers**



**Tubesheet Limited**

## Introduction

Tubesheet was established in 1985 and has since then become the leading player in the supply of non-ferrous forged and rolled tube plates, primarily for use in the heat exchanger industry. To maintain this standard, we rely on a simple but effective philosophy: *we aim to provide the highest product quality and best customer service...*

In addition, Tubesheet employs qualified metallurgists, capable of advising and assessing each customer's individual needs.



You will find that we are highly flexible and willing to adapt our processes to meet the needs of new customers, while giving existing customers the quality and service they have come to expect over the past 20 years.

## Production facilities

### Sawing

- We have the ability to cut plates in lengths and widths up to 4.3 metres from a "state of the art" plate saw.
- As sawn tolerances can be as close as  $\pm 0.25\text{mm}$ .
- An alignment facility ensures all corners are exact and true at  $90^\circ$ .
- A computer optimisation programme plots best yield. Consequently cost savings can be passed on to you.
- Discs can be cut up to 2 metres in diameter and 120mm thickness weighing up to 3 tonnes.



### Machining Centre

We have gained a reputation for utilising modern equipment which provides increased accuracy, higher production speeds and greater flexibility.

This year we invested in a new Mazak™ machining centre which allows us to offer drilling and machining services for your tubeplate requirements.

Rectangular tube plates up to a maximum size of 2500mm long by 1100mm wide and discs up to 1100mm diameter can be accommodated.

This machine is highly flexible, and is suited to both 1 off and high volume production. On line inspection is carried out using a "Renishaw" probe to ensure a high level of accuracy, as well as the supply of dimensional reports to customers.



### Handling

Crane, forklift and vacuum lifting capabilities enable us to easily handle a wide variety of plate types and sizes, ensuring defect-free plates are produced to the highest standard.

To complement our stock range, we can offer mill deliveries for "special" enquiries such as large diameter discs (up to 2m), in hot rolled condition for brass parts; or forged for copper nickel or aluminium bronze requirements.

All forged products can be delivered in forged, proof-machined or fully-machined condition.



### Inventory

In order to achieve the delivery times required by many customers, we hold 200 tonnes of stock. This large range of material means we can now cut and machine tube plates in-house, offering a finished product with a fast delivery time to any part of the world.

We also have the facility to receive electronic drawings via email and send them directly to the machine. This can save valuable programming time and ensures the finished product exactly matches your drawing.

### Quality Assurance

**BS EN ISO 9001 approved.**

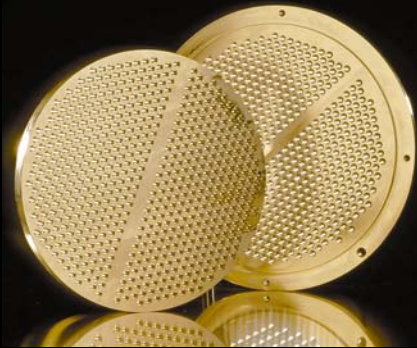
**All materials sold are fully traceable to the original test certificate.**

**We also offer the following services**

- **Ultrasonic and liquid penetrant flaw detection.**
- **Witnessing of material by yourselves or an approved body such as Lloyds.**
- **Dimensional testing of machined items**

**Finally, to ensure the product arrives to you undamaged, all our products are carefully packaged in protective materials to prevent damage during transit.**





**Tubesheet Limited**

**High Holborn Road**

**Codnor Gate Business Park**

**Ripley**

**Derbyshire DE5 3NW**

**United Kingdom**

**Telephone - (44) 01773 744755**

**Fax - (44) 01773 747273**

**[enquiries@tubesheet.co.uk](mailto:enquiries@tubesheet.co.uk)**

## Products

The following materials are always held in stock:

### Naval Brass

Rolled plate and sheet to all major international standards including BSEN, alternatively ASTM.

Thicknesses available from 3mm up to 120mm.

### Phosphor Bronze

Rolled plate to BSEN alternatively ASTM.

Thicknesses available from 3mm up to 51mm.

### 90/10 Cu/Ni

Forge or rolled plate to all major specifications including BSEN and ASTM.

Thicknesses available from 3mm up to 100mm.

### 70/30 Cu/Ni

Forged or rolled plate to BSEN to all major specifications including BSEN, ASTM and NES780.

Thicknesses available from 3mm up to 120mm.

### Aluminium Bronze

Forged or rolled plate to all major specifications including BSEN, ASTM and NES 833.

Thicknesses available from 5mm up to 120mm.

### Copper plate

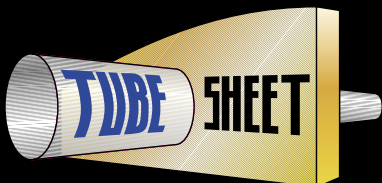
Rolled plate to all major specifications including BSEN or ASTM.

Thicknesses available from 2mm up to 120mm.

All the above thicknesses are stocked in plate and sheet sizes up to 4 metres long and 1.5 metres wide. From these plates, we can offer sizes in cut pieces exactly to your requirements, whether the quantity is a few kilos or several tonnes.



We supply customers throughout the world, with over 65% of our business being direct export.



**Tubesheet Limited**