

Phosphor Bronze

Continuous cast production gives good mechanical and machining properties

Phosphor bronze stockholders and suppliers, delivering throughout the UK. West Yorkshire Steel are suppliers of phosphor bronze in round bar, hollow bar / tube and plate. Specifications are available conforming to British (BS), ASTM, UNS and European standards.

Phosphor Bronze is a non ferrous metal made up of copper, tin and phosphorus. The addition of tin increases corrosion resistance and strength with phosphorus helping to increase the wear resistance of the material. Continuous cast production gives characteristics of high density, close grain structure with good mechanical and machining properties.

Phosphor Bronze is commonly supplied to British Standard BS1400 PB1, PB2 and PB102 grades. With its good strength and shock resistance characteristics it suitable for many applications including bearings, bushes, gears and flanges in a wide range of industries.

Other grades available include CuSn10P GC CC481K CuSn11P-C CC483K CuSn12 CuSn10 CC480K CuSn8Pb4Zn1 CC495K CuSn10Pb10

With a lower tensile strength than phosphor bronze free machining leaded bronze is available in grades LG2 and SAE660.

We welcome export enquiries for stainless steel. Contact our sales office and consult our [shipping policy](#) for further details.

Form of Supply

West Yorkshire Steel suppliers and stockholders of round bar, hollow bar / tube and flat / plate in a range of phosphor bronze grades. Material can be sawn to your required lengths as 1 offs or multiple cut pieces.

Contact our experienced sales team who will assist you with your phosphor bronze enquiry.

- Diameter
 - Tube
 - Plate / Flat
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Certification

Phosphor bronze grades are available with a certificate of conformity, please request when placing any orders.

Quality Assured Supply

All our phosphor bronze grades are supplied in accordance with our ISO 9001:2015 registration.