



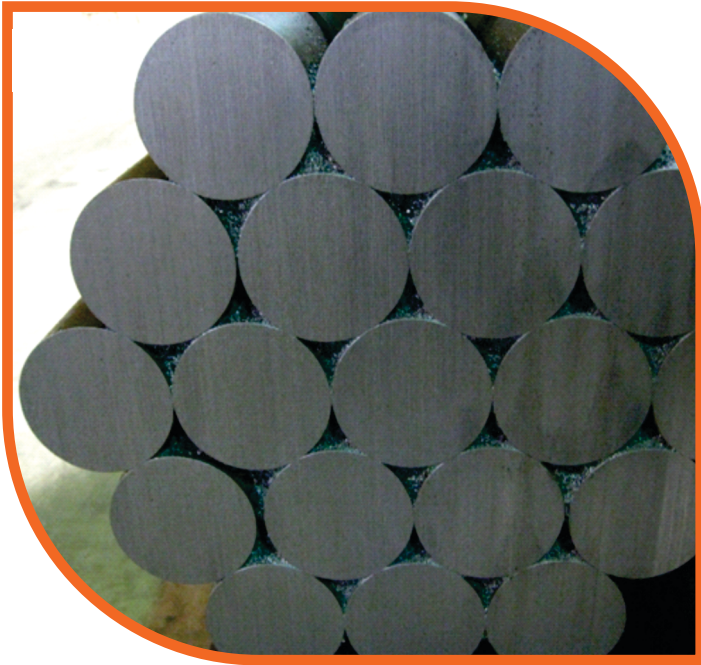
باب الخبرة للتجارة ذ.م.م
Bab Al Khibrah Trading L.L.C

Engineering Steel Specialist



EN8/ C45 MEDIUM CARBON STEEL APPLICATIONS

It is a very popular grade of through-hardening medium carbon steel, which is readily machineable in any condition. EN8 is suitable for the manufacture of parts such as general-purpose axles and shafts, gears, bolts and studs.



We stock EN8 in a form of Round bar & Plate.

NIMAX-CB HARD CHROME PLATED STEEL (C45E) APPLICATIONS

Hard chrome bar is a chromium-plated steel product used primarily as piston rod material in all standard applications in hydraulics and pneumatics. Common applications are found in cranes, dump trucks, lifters, garbage compactors, agricultural machinery and production equipment with movable sections.



We stock Hard chrome plated steel in a form of solid bar

HIGH TENSILE STEEL 4140 APPLICATIONS

4140 is an ideal general purpose high tensile constructional steel ready for use after machining. It is used for shafts, axles, studs & bolts, large gears and light duty form rolls. The steel is suitable for induction or flame hardening.



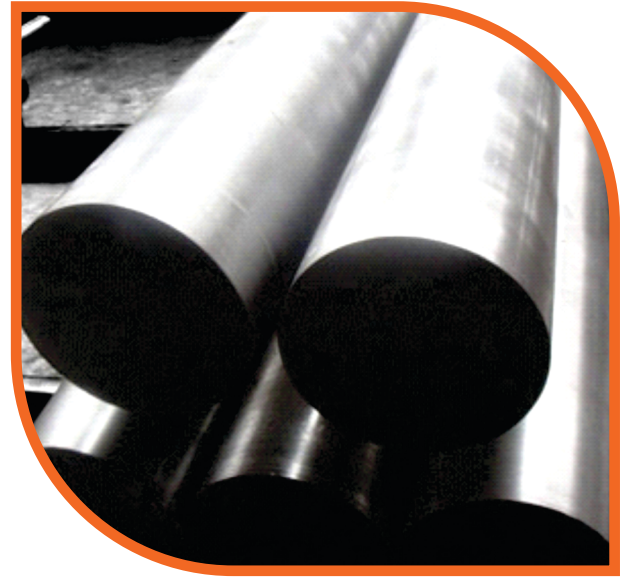
We Stock both 4140 & 4340 High Tensile Steel in a form of round bar.

HIGH TENSILE STEEL 4340 APPLICATIONS

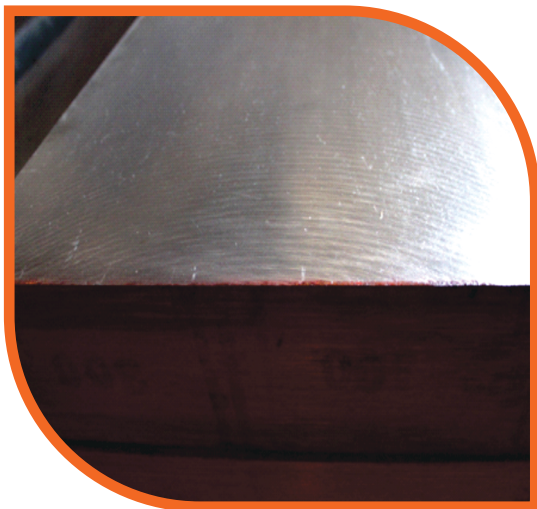
Pulley shafts, gears, pins and axles. Used where higher yield and tensile strength than 4140 is required.

TOOL STEEL D2 APPLICATIONS

A popular grade for toolmakers, D2 is used in a wide variety of tool making applications. Typical applications include blanking dies and punches for sheet in stainless steel, brass, copper, zinc and hard abrasive materials generally. Other application include deep drawing dies, cupping dies, forming dies, sheet metal forming rolls, shear blades for strip and sheet including flying shears, circular cutters for cold rolled strip, trimmer dies, thread rolling dies, cold extrusion dies, broaches, plug gauges, ring gauges, special taps, straybolt taps, brick and tile mould liners, master hobs for cold hobbing plastic moulds and cut moulds for plastics.



We stock D2 tool steel in a form of round bar.



We stock P20 in a form of plate.

TOOL STEEL P20- PLASTIC MOULD STEEL APPLICATIONS

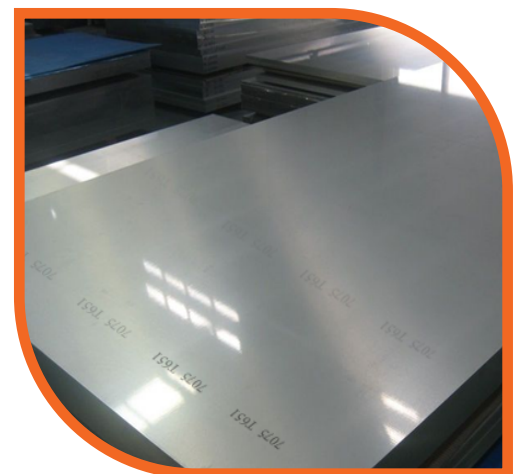
P20 is often supplied in the hardened and tempered condition ready for machining. In this condition it gives excellent wear resistance but if maximum surface hardness is required for compression moulding plastic dies or similar tools.

P20 tool steel is ideally suited for the production of plastic moulds. Typical applications include die holders, zinc die casting dies, backers, bolsters and injection moulds. The versatility of P20 tool steel with its high tensile characteristics enables uses for a variety of other applications such as shafts, rails and wear strips.

ALUMINIUM 7075 T651 APPLICATIONS

Alloy 7075 T651 plate products have application throughout aircraft and aerospace structures where a combination of high strength with moderate toughness and corrosion resistance are required.

We stock Aluminium in a form of plate. 7000 series alloys such as 7075 are often used in transport applications, including marine, automotive and aviation, due to their high strength-to-density ratio. Their strength and light weight is also desirable in other fields. Rock climbing equipment, bicycle components, inlineskating frames and hang glider airframes are commonly made from 7075 aluminium alloy.

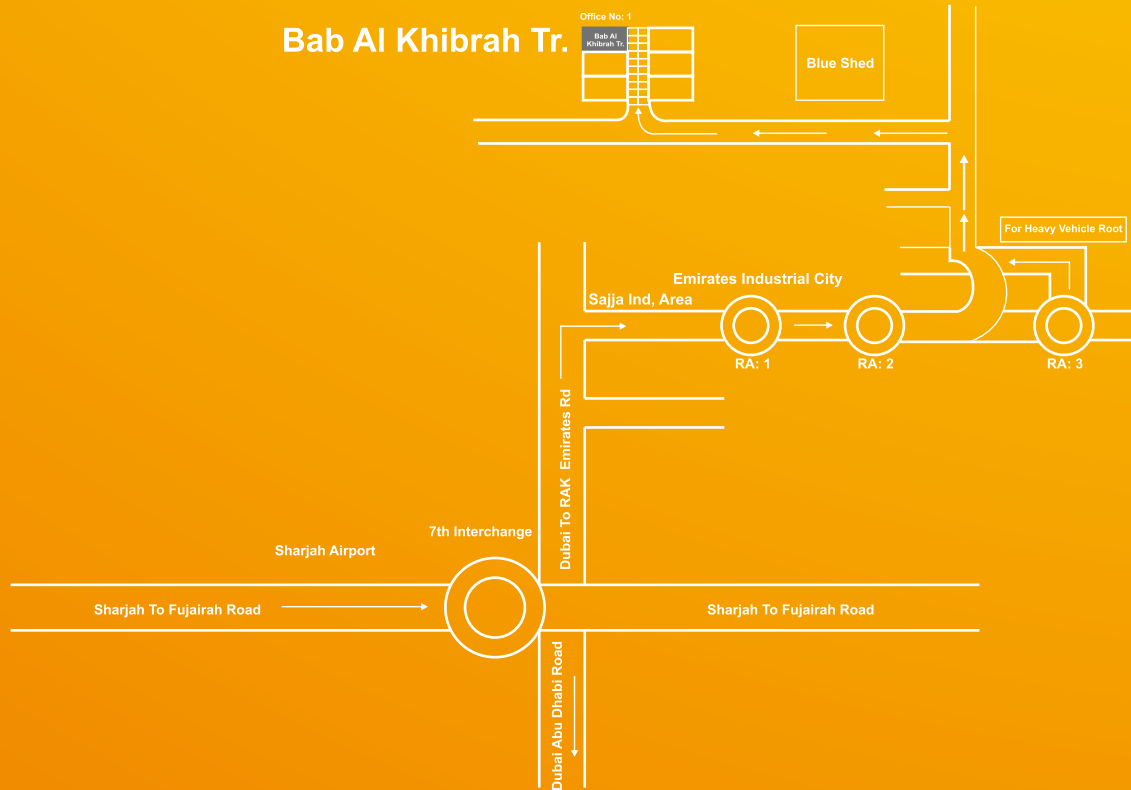


We stock 7075 T651 Aluminium in a form of plate.



We can also supply stainless steel grades such as SS 316, 316L & SS 304, 304L in any forms Plate, Round bar etc.,

The items which are not found in the list can be arranged by us with competitive price and delivery.



باب الخبرة للتجارة ذ.م.م.
Bab Al Khibrah Trading L.L.C

Tel. +971 6 5360435, Fax: +971 6 5360437
 P.O.Box : 24891, Al Saja'a Industrial area, Sharjah - U.A.E.
 Web: www.babalkhibrah.com