



BRASS & COPPER

ROD, BAR SHEET, PLATE

Brass is a binary alloy composed of copper and zinc that has been produced for millennia and is valued for its workability, hardness, corrosion resistance and attractive apperance. The exact properties of different brasses depend on the composition of the brass alloy, particularly the copper-zinc ratio. In general, however, all brasses are valued for their machinability or the ease with which the metal can be formed into desired shapes and forms while retaining high strength.

Aluminum Bronze is an excellent choice for applications involving heavy loads, abrasive wear and corrosion. It is commonly used to make bearings, valves, pumps, various gears and fastening hardware. It provides good ductility, weldability and exceptional resistance to wear, fatigue and deformation under shock or overload.

Copper is known for its high electrical and thermal conductivity, good corrosion resistance and solder ability. It is used for welding fixtures, in electrical power installations, ground straps commutators and current carrying hardware. Its fabrication qualities allow it to be bent, soldered, and formed which makes it ideal for machinists, fabricators and architects.



Aerospace / Architectural / Commercial quality