

Product	Description	Properties
<u>Brass Copper and Bronze Metals</u>		
Brass 260	Brass 260 is one of the most economical brass alloys. For this reason, it is widely popular and used in a great variety of end applications, from decorative purposes to ammunition components	Great corrosion resistance, good strength, high ductility relative to other brass materials
Brass 360	Brass 360 is a versatile brass alloy specially useful in high speed operations due to its high machinability. Like the 260, it can be used in a variety of end applications.	Great corrosion resistance, high machinability,
110 Copper	Copper 110 alloy is the most widespread used copper material due to its large variety of applications. It possesses high electrical conductivity characteristics, and can be visually appealing	Great corrosion resistance, excellent conductivity, high ductility
145 Tellurium	145 Tellurium is an alloy with copper as its main alloying component. Like other copper materials, the 145 is commonly used and very popular for its high conductivity properties. Also, the 145 is known for being a long-life metal	Excellent electrical conductivity, high machinability, high thermal conductivity
172 Beryllium	172 Beryllium is the most widely used copper-beryllium alloy. Relative to other copper alloys, the 172 has one of the highest strength and hardness.	High strength, high hardness, great electrical conductivity, good resistance to heat, easily formed, easily machined
932 Bearing Bronze	932 Bearing Bronze is a general purpose bronze alloy used extensively for its excellent range of qualities, especially its machining properties and strength	Low friction, reasonable corrosion resistance, excellent strength, excellent machinability, great wear resistance

AL Bronze 954	AL Bronze 954 is the most used aluminum-bronze alloy, and is usually recommended for heavy duty applications due to its resistance to high loads	Good tensile strength, high load resistance, good ductility, low friction, good machinability
AL Bronze 959	AL Bronze 959 is one of the toughest of bronze alloys. Nevertheless, the 959 is not usually used in situations not subject to impact or shock	High strength, excellent corrosion resistance, high load resistance, great impact resistance

Specs	Markets	Applications
ASTM B36, ASTM B135, 70/30,	Aerospace, Defense, Industrial, Automotive & Transportation	Radiator cores and tanks, flashlight shells, lamp fixtures, fasteners, locks, hinges, ammunition components, plumbing accessories, pins, rivets
SAE J461, AMS 4610, ASTM B16, MIL-V-18436	Aerospace, Defense, Industrial, Automotive & Transportation	Faucet components, valve parts, fasteners, pneumatic fittings, plumbing fittings
ASTM B152, ASTM B370, ASTM B11	Aerospace, Energy, Defense, Industrial, Automotive & Transportation	Electrical components, anodes, transformers, magnets, welding fixtures, switch gears
CDA 145, ASTM B301 , SAE J461, J463, B-124	Aerospace, Energy, Defense, Industrial, Automotive & Transportation	Electrical switches, transformers, breakers, fasteners, socket connectors, sprinkler heads, pins, bolts, motor parts, laser nozzles
ASTM B196, AMS 4533	Aerospace, Energy, Defense, Industrial, Automotive & Transportation	Connectors, contact bridges, fasteners, screws, bolts, springs, tools, valves, flexible metal hose
ASTM B505, SAE 660, SAE J461, SAE J462, MIL-B-11553 Comp. 12, Mil C-15345-12	Aerospace, Energy, Defense, Industrial Automotive & Transportation	Machine tool bearings, machine parts, gears, valve components, diesel engine components, fuel pump bushings, automobile parts

<p>ASTM B505, ASTM B271, SAE J461, SAE J462, MIL-B-16033</p>	<p>Aerospace, Defense, Industrial, Automotive & Transportation</p>	<p>Weld guns, fasteners, gears, valves, landing gear parts, pump parts, ship components</p>
<p>ASTM B148, ASTM B505, ASTM B505M, UNS 95900, CDA 959</p>	<p>Aerospace, Defense, Industrial, Automotive & Transportation</p>	<p>Gears, valve guides, valve seats, inserts, dies</p>

Forms

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