

Brass Grades for CNC Machining

Materials	Other names	Type	Descriptions	Applications	Corrosion resistance	Post treatment capability	Welding capability	Price index	Density - g/cm ³	Young modulus - Gpa	Yield strength - Mpa	Ultimate tensile strength - Mpa	Elongation at break - %	Hardness - HB brinell	Electrical Conductivity - % at 20 °C IACS	Electrical resistivity - Ω·mm ² /m	Thermal conductivity - W/m-K
Brass C360	Brass Cz121, 2.0401, CuZn36Pb3	Brass	This is one of the most used brass alloy (copper plus zinc) and known as architectural bronze. It is an alpha/beta (37-45% Zinc) alloy that is very well suited for machining.	Architectural	Good	N/A	Moderate	4	8.73	95-100	124 - 310	338 -469	53	90 -160	26	0,066	115