Brass C38500 | 2.0401 | CuZn39Pb3

Brass C38500 offers good CNC machinability and corrosion resistance.

Mechanical properties

Ultimate tensile strength	360 - 370 MPa
Yield strength	115 - 130 MPa
Young's modulus (modulus of elasticity)	97 - 100 GPa
Elongation at break	17 - 20 %

Physical properties

Corrosion resistance	Fair to Excellent

Thermal properties

Thermal expansion coefficent	20 - 21 10^-6/ºC

Common applications

Locks	
Hinges	
High speed machined components	

Brass C38500 CNC Machining Applications & Parts

Brass C38500, also known as Architectural Bronze, offers excellent machinability combined with superior corrosion resistance and a rich golden appearance. Our precision machining capabilities transform this alloy into both functional and decorative components for demanding applications.

Typical Parts We Machine from Brass C38500:

- **Marine Hardware:** Propeller blades, marine fittings, pump components, nautical instruments
- **Architectural Elements:** Door and window hardware, decorative trim, railings, plaques
- **Industrial Components:** Bushings, bearings, gears, valve stems
- **Consumer Products:** High-end fixture components, musical instrument parts, optical fittings

Our Machining Advantage:

Our expertise in machining Brass C38500 ensures minimal material waste and superior surface quality, making it ideal for applications where both aesthetic appeal and mechanical performance are critical requirements.

Get an Instant Quote for your custom Brass C38500 parts today.