

Material type

Metal

Material name

Brass Cz121 | C38500 | 2.0401 | CuZn39Pb3

Process compatibility

CNC machining**Mechanical properties**

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

Corrosion resistance	Fair to Excellent
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Thermal properties

Thermal expansion coefficient	20 - 21 10 ⁻⁶ /°C
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Common applications

Locks

Hinges

High speed machined components

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