

CuZn31Si1 | Round bars



Alloy	CuZn31Si1, CW708R
Condition	extruded
Norm	DIN EN 12163
Tolerance	DIN EN 12164
	Ø 20-30 mm +0/-0.3 mm
	Ø 31-50 mm +0/-0.6 mm
	Ø 51-80 mm +0/-0.7 mm
	Ø 81-120 mm +0/-1.2 mm
Machinability	medium
Hot Workability	medium
Cold Workability	good
REACH	information obligations
RoHS	conform

Mechanical Properties

Tensile strength R_m	Yield stress $R_{p0.2}$	Elongation A	Hardness HB
hard-pressed „M“ – as manufactured			

Bearing material for sliding stress under high loads. Bearing bushings, guides and other sliding components.

Chemical Analysis

Cu	66.0 - 70.0 %
Fe	max. 0.4 %
Ni	max. 0.5 %
Pb	max. 0.8 %
Si	0.7 - 1.3 %
Zn	Rest
Others	max. 0.5 %

Comparable Specifications

CuZn31Si1, 2.0490, DIN 17660