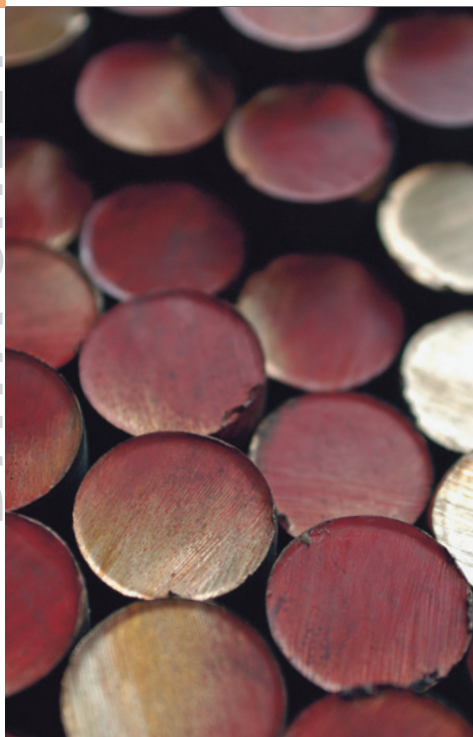


CuTeP | Round bars



Alloy	CuTeP, CW118C
Condition	Ø 3-70 mm drawn Ø 100 mm extruded
Norm	DIN EN 12164
Tolerance	DIN 1756, h10 Ø 3 mm +0/-0.04 mm Ø 3.5-6 mm +0/-0.05 mm Ø 6.5-10 mm +0/-0.06 mm Ø 11-18 mm +0/-0.07 mm Ø 19-30 mm +0/-0.08 mm Ø 31-50 mm +0/-0.10 mm Ø 51-80 mm +0/-0.12 mm Ø 100 mm +2/-0 mm
Machinability	very good
Hot Workability	very good
Cold Workability	good
Electr. Conductivity	app. 86 % IACS / app. 50 MS/m
REACH	no obligation
RoHS	conform

Mechanical Properties

	Tensile strength R_m	Yield stress $R_{p0.2}$	Elongation A	Hardness HB
R250-H080	≥ 250 N/mm ²	≥ 180 N/mm ²	≥ 7 %	80-120

Very good electrical conductivity (min. 50 m/Ω · mm² at 20 °C).
Very good machinability, good cold compressibility and very good heat compressibility. Weldable and hard solderable. Use for automatic turned parts amongst others.

Chemical Analysis

Cu Rest
P 0.003-0.012 %
Te 0.4-0.7 %
Others max. 0.1 %

Comparable Specifications

CuTeP, 2.1546, DIN 17666
C14500 UNS
CA 109, BS 2874