

Brass - CW508L / CZ108

Round Tube

Properties

Stock			Chemical Properties	
OD (in)	Gauge	Weight/m (Kg)	Element	Chemical Composition %
3/8	18	0.27	Copper (Cu)	63.0 typical
1/2	18	0.37	Zinc (Zn)	Balance
1/2	16	0.48		
1/2	11	0.58		
1/2	10	0.82		
5/8	16	0.63		
3/4	16	0.76		
3/4	10	0.96		
1	16	1.07		
1	9	3.05		
1 1/4	16	1.31		
1 1/4	8	4.40		
1 1/2	16	1.60		
1 1/2	7	5.52		
2	16	2.20		
3	16	3.26		
			Mechanical Properties	
			Property	Value
			Proof Stress	130 - 800 MPa
			Tensile Strength	280 - 820 MPa
			Elongation	50 - 1%
			Hardness Vickers	65 to 190 HV
			Physical Properties	
			Property	Value
			Density	8.44 g/cm ³
			Melting Point	916°C
			Thermal Expansion	20.5 x 10 ⁻⁶ /K
			Modulus of Elasticity	103.4 GPa
			Thermal Eonductivity	116 W/m.K

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