



BRODER METALS GROUP C70600

Specification

Broder Metals Group supply C70600 Copper Nickel alloy bar material with the intent of meeting the following relevant classes and specifications on the final product: Copper Nickel Alloy UNS C70600 Temper O60, BS 2874 CN102, ASTM B151/B151M C70600 90/10

Use

In seawater service environments for forged and machined valve & pump components, fittings & hardware.

Strengths

Excellent corrosion resistance

Chemical Composition

	Fe	Ni	Mn	Zn	P	S	Pb	Cu
Min	19	-	-	-	-	-	-	Balance
Max	1.8	11	1	1	0.02	0.02	0.05	

Mechanical Data

Mechanicals	Tensile Mpa (min)	Yield Strength at 0.5% Extension under load Mpa (min)	Elongation in 4D length %
All sizes	260	105	30

C70600 is just one of a range of alloys stocked by Broder Metals Group Ltd – please see our website for the full range stocked: www.broder-metals-group.com

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