

CuZn37 Brass Wire

63/37 CZ108 CW508L

Round and Profiled Wire



Size Range

Min	Max
1.20mm	10.8 mm

Similar Specifications

Material	Normal Composition	BS : 2873	BS EN 12166	ISO 426/1	JIS	Description
63/37	63% Cu, 37% Zn	CZ108	CW508L	CuZn37	H 3100 C 3560	Common Brass

Brass Wire CuZn37 Metal Alloy Specification

Composition in % (m/m)									Density g/cm ³ approx.
Element	Cu	Al	Fe	Ni	Pb	Sn	Zn	Others total	
min	62,0	-	-	-	-	-	Rem.	-	8.4
max	64,0	0,05	0,1	0,3	0,1	0,1	-	0,1	

Brass Wire CuZn37 Tensile Strength Specification

Previous Condition Designation	Material Condition	Nominal diameter			Tensile strength	
		mm			R _m N/mm ²	
		from	over	up to and including	min	max
Soft	R300	-	1,5	4,0	300	380
	H070	1,5	-	4,0	-	-
	R280	-	4,0	20,0	280	370
	H065	-	4,0	20,0	-	-
One Eighth Hard	R380	-	1,5	4,0	380	480
	H105	1,5	-	4,0	-	-
	R370	-	4,0	20,0	370	470
	H095	-	4,0	20,0	-	-
Quarter Hard	R510	0,5	-	1,5	510	610
	R470	-	1,5	4,0	470	570
	H130	1,5	-	4,0	-	-
	R460	-	4,0	8,0	460	560
Half Hard/ Hard	H135	-	4,0	8,0	-	-
	R610	0,5	-	1,5	610	750
	R560	-	1,5	4,0	560	700
	H160	1,5	-	4,0	-	-
	R550	-	4,0	8,0	550	680
Spring Hard	H155	-	4,0	8,0	-	-
	R750	-	0,5	1,5	750	-
	R700	-	1,5	4,0	700	-
	H190	1,5	-	4,0	-	-

Other sizes and tempers available by agreement.

Every care has been taken to ensure the accuracy of this publication however, the information presented in it does not form part of any contract and our warranties and liabilities are stated exclusively in our General Conditions of Sale. Continuous development may necessitate changes in technical data without notice.

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