



BRONMETAL

Brass Zn

Product format:

Technical characteristics:

Profile

Brass profiles to plans for industrial applications

MECHANICAL CHARACTERISTICS

Designations		Nominal dimension of cross section				Tensile Strength	Yield limit at 0,2%	Enlogation	Hardness		
Material		Metallurgical state	profile ^a	Rectangular plate thickness		R _m	R _{p0.2}	A	HB	HV	
				mm		N/mm ²	N/mm ²	%			
Symbol	Number			desde	hasta incluido	min.	approx.	approx.	mín.	mín.	
CuZn35Pb1 CuZn35Pb2 CuZn36Pb3 CuZn37Pb2	CW600N CW601N CW603N CW606N	M	All	All		Rough manucature					
		R440	-	-	6	440	(300)	(10)	-	-	
		H115	-	-	6	-	-	-	-	115	120
		R400	-	6	60	400	(180)	(25)	-	-	
		H100	-	6	60	-	-	-	100	105	
CuZn36Pb2As	CW602N	M	All	All		Rough manucature					
		R350	-	-	6	350	(240)	(15)	-	-	
		H110	-	-	6	-	-	-	-	110	115
		R280	-	6	60	280	(130)	(30)	-	-	
		H080	-	6	60	-	-	-	80	85	
CuZn38Pb1 CuZn38Pb2 CuZn39Pb0,5 CuZn39Pb1 CuZn39Pb2 CuZn39Pb2Sn	CW607N CW608N CW610N CW611N CW612N CW613N	M	All	All		Rough manucature					
		R460	-	-	6	460	(320)	(8)	-	-	
		H120	-	-	6	-	-	-	-	120	125
		R410	-	6	60	410	(190)	(20)	-	-	
		H105	-	6	60	-	-	-	105	110	
CuZn38Pb4 CuZn39Pb3 CuZn40Pb2 CuZn40Pb2Sn CuZn43Pb2	CW609N CW614N CW617N CW619N CW623N	M	All	All		Rough manucature					
		R480	-	-	6	480	(330)	(5)	-	-	
		H130	-	-	6	-	-	-	-	130	135
		R430	-	6	60	430	(200)	(15)	-	-	
		H110	-	6	60	-	-	-	110	115	

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				mm	N/mm ²	N/mm ²	%		
Symbol	Number			desde hasta incluido	min.	approx.	approx.	mín.	mín.
CuZn38Pb4 CuZn39Pb3 CuZn40Pb2 CuZn40Pb2Sn CuZn43Pb2	CW609N	M	All	All	Rough manucature				
	CW614N	R480	-	- 6	480	(330)	(5)	-	-
	CW617N	H130	-	- 6	-	-	-	130	135
	CW619N	R430	-	6 60	430	(200)	(15)	-	-
	CW623N	H110	-	6 60	-	-	-	110	115
CuZn40Pb2Al CuZn41Pb1Al CuZn42PbAl CuZn43Pb1Al CuZn43Pb2Al	CW618N CW620N CW621N CW622N CW624N	M	All	All	Rough manucature				

^a Para estos perfiles, las características mecánicas dependerán de la forma y dimensiones del perfil y estarán sometidas a acuerdo entre el cliente y suministrador.

NOTA 1 - Los valores entre paréntesis no son requisitos de esta norma, se dan sólo como información.

NOTA 2 - 1N/mm² es equivalente a 1 Mpa.