



BRONMETAL

Copper Cu

Product format: Flat bar

Technical characteristics: Flat copper bar /
rectangular rods for electrical application.

Designations		Dimensions in mm										Hardness				Tensile strength	Proof stress of 0.2%	Enlogation				
Material		Metallurgical state	Round, square, hexagonal			rectangular						HB		HV		R _m	R _{p0.2}	A _{100mm}	A			
						espesor			anchura													
Symbolic	numerical	From	Greater than	Up to and including	From	Greater than	Up to and including	From	Greater than	Up to and including	min.	max.	min.	max.	N/mm ²	N/mm ²	%	%				
															min.		min.	min.				
	D	2	-	160	0,5	-	40	1	-	200	Cold drawn seamless product specific properties											
Cu-ETP Cu-FRHC Cu-OF CuAg0,04 CuAg0,07 CuAg0,10 CuAg0,04P CuAg0,07P CuAg0,10P CuAg0,04(OF) CuAg0,07(OF) CuAg0,10(OF) Cu-PHC Cu-HCP	CW004A	H035 ^a	2	-	160	0,5	-	40	1	-	200	35	65	35	65	-	-	-	-			
	CW005A	H200 ^a	2	-	160	1	-	40	5	-	200	-	-	-	-	200	max.120	25	35			
	CW008A	H065	2	-	80	0,5	-	40	1	-	200	65	90	70	95	-	-	-	-			
	CW011A	R250	2	-	10	1	-	10	5	-	200	-	-	-	-	250	min. 200	8	12			
	CW012A	R250	-	10	140	-	10	40	-	10	200	-	-	-	-	250	min. 180	-	15			
	CW013A	R230	-	30	80	-	10	40	-	10	200	-	-	-	-	230	min. 160	-	18			
	CW014A																					
	CW015A	H085	2	-	40	0,5	-	20	1	-	120	85	110	90	115	-	-	-	-			
	CW016A	H075	-	40	80	-	20	40	-	20	160	75	100	80	105	-	-	-	-			
	CW017A	R300	2	-	20	1	-	10	5	-	120	-	-	-	-	300	min. 260	5	8			
	CW018A	R280	-	20	60	-	10	20	-	10	120	-	-	-	-	280	min. 240	-	10			
	CW019A	R260	-	40	60	-	20	40	-	20	160	-	-	-	-	260	min. 220	-	12			
	CW020A																					
	CW021A	H100	2	-	10	0,5	-	5	1	-	120	100	-	110	-	-	-	-	-			
		R350	2	-	10	1	-	5	5	-	120	-	-	-	-	350	min. 320	3	5			

NOTE - 1 N/mm² is equivalente to 1 MPa
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