BRONMETAL

Technical characteristics

Designations			Measurements in mm									Hardness				Tensile Strength	Yield Limit at 0,2%	Elongation	
			round, square, hexagonal			rectangular													
						Thickness			Width			HB		HV		R_m	$R_{p0.2}$	A_{100mm}	A
Symbolic	Numerical	Metallurgical State	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/mm² min.	N/mm²	% min.	% min.
		D	2	–	160	0,5	–	40	1	–	200	Cold drawn product without specific properties							
		H035[a]	2	–	160	0,5	–	40	1	–	200	35	65	35	65	–	–	–	–
		H200[a]	2	–	160	1	–	40	5	–	200	–	–	–	–	200	max.120	25	35
Cu-ETP Cu-FRHC Cu-OF Cu-OFE 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 Cu-PHCE	CW004A CW005A CW008A CW009A CW011A CW012A CW013A CW014A CW015A CW016A CW017A CW018A CW019A CW020A CW021A CW022A	H065	2	–	80	0,5	–	40	1	–	200	65	90	70	95	–	–	–	–
		R250	2	–	10	1	–	10	5	–	200	–	–	–	–	250	min. 200	8	12
		R250	–	10	140	–	–	–	–	10	200	–	–	–	–	250	min. 180	–	15
		R230	–	30	80	–	10	40	–	10	200	–	–	–	–	230	min. 160	–	18
		H085	2	–	40	0,5	–	20	1	–	120	85	110	90	115	–	–	–	–
		H075	–	40	80	–	20	40	–	20	160	75	100	80	105	–	–	–	–
		R300	2	–	20	1	–	10	5	–	120	–	–	–	–	300	min. 260	5	8
		R280	–	20	60	–	10	20	–	10	120	–	–	–	–	280	min. 240	–	10
		R260	–	40	60	–	20	40	–	20	160	–	–	–	–	260	min. 220	–	12
		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 equivalent to 1 MPa

[a] Annealed.