BRONMETAL

Technical characteristics

Designations			Wall Thickness t mm up to and including	Tensile Strength R_m N/mm² min.	Yield Limit at 0.2% of elongation $R_{p0.2}$ N/mm² min.	Elongation A % min.	Hardness			
Material		Treatment State					HB		HV	
Symbolic	Numerical						min.	max.	min.	max.
CuNi10Fe1Mn	CW352H	**M**	**20**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
		R290[a]	20	290	90	30	–	–	–	–
		H075[a]	20	–	–	–	75	110	70	105
		R310	6	310	220	12	–	–	–	–
		H105	6	–	–	–	105	–	100	–
		R480	4	480	400	8	–	–	–	–
		H150	4	–	–	–	150	–	145	–
					–					
CuNi10Fe1Mn	CW352H	**M**	**20**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
		R370[a]	10	370	120	35	–	–	–	–
		H085[a]	10	–	–	–	85	120	80	115
		R480	5	480	300	12	–	–	–	–
		H135	5	–	–	–	135	–	130	–

Designations			Wall Thickness t mm up to and including	Tensile Strength R_m N/mm^2 min.	Yield Limit at 0.2% of elongation $R_{p0.2}$ N/mm^2 min.	Elongation A % min.	Hardness			
Material		Treatment State					HB		HV	
Symbolic	Numerical						min.	max.	min.	max.
[a] In annealed state										
NOTA – 1 N/mm^2 equivalent to 1 Mpa.										