

LEGA RAME - ALLUMINIO [BRONZO - ALLUMINIO]

ASTM B148 C95500

Composition in % [mass fraction]			Tensile strength (c)	0,2 % proof strength (c)	Elongation (c)	Brinell hardness (c)
Element	min.	MAX.	Rm MPa min.	Rp0,2 MPa min.	A % min.	HBW min.
Cu	78,0	–	620	275	6	190
Al	10,0	11,5				
Fe (b)	3,0	5,0				
Mn	–	3,5				
Ni (a)	3,0	5,5				

(a) Nickel including Cobalt.

(b) Iron content shall not exceed the nickel content.

(c) Heat Treatment:

Tensile strength Rm MPa min.	0,2 % proof strength Rp0,2 MPa min.	Elongation A % min.	Brinell hardness HBW min.
620	275	6	190

Fonderia Caglioni srl

Sede Legale
Sedi Operative

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