

Material - ASTM B148 Aluminum Bronze UNS C95410

Standard Specification for Alumium - Bronze Sand Castings

Group - Non-Ferrous Alumium Alloy

Sub Group - ASTM B148 Alumium - Bronze Sand Castings

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Ni + Cu	Ni% + Cu%	1.500 - 2.500	As-Cast or Solution Annealing or Normalizing	
Manganese	Mn %	0.500 max.		
Iron	Fe %	3.000 - 5.000		
Aluminium	Al %	10.000 - 11.500		
Copper	Cu %	83.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 515 min. Yield Strength in Mpa 205 min. Elongation in % 12 min. Reduction of Area in % - Hardness in BHN 150 min. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B176 C95410	ASTM	USA	Casting
B271 C95410	ASTM	USA	Casting
B30 C95410	ASTM	USA	Ingot and Casting
B505 C95410	ASTM	USA	Casting
SB-148 C95410	ASME	USA	Casting
SB-505 C95410	ASME	USA	Casting
CACIn702	KS	Korea	Ingot and Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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