

Material - ASTM B150 C63020

Standard Specification for Alumium Bronze Rod, Bar and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B150 Alumium Bronze Rod, Bar and Shapes

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

Grade Belongs to the Industry - Rod, Bar and Shape

Chemical Composition			Heat Treatment	
Aluminium	Al %	10.000 - 11.000	Hardening and Tempering	
Cobalt	Co %	0.300 max.		
Chromium	Cr %	0.050 max.		
Iron	Fe %	4.000 - 5.500		
Manganese	Mn %	1.500 max.		
Ni + Co	Ni% + Co%	4.200 - 6.000		
Lead	Pb %	0.030 max.		
Tin	Sn %	0.250 max.		
Zinc	Zn %	0.300 max.	Mechanical Properties	
Cu + Ag	Cu% + Ag%	74.500 min.	Tensile Strength in Mpa	890 - 930
-	-	-	Yield Strength in Mpa	620 - 690
-	-	-	Elongation in %	6 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	26 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C63020	UNS	USA	Rod, Bar, Tube and Shapes
SB-150 C63020	ASME	USA	Rod, Bar and Shape
4590	SAE	USA	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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