

Material: ASTM B150 UNS C61900

Standard Specification for Aluminum Bronze Road, Bar and Shapes

Group: Non-Ferrous Aluminum Alloy

Sub Group: ASTM B150 Aluminum Bronze Road, 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		
Lead	Pb %	0.020 max.
Zinc	Zn %	0.800 max.
Tin	Sn %	0.600 max.
Iron	Fe %	3.000 - 4.500
Aluminium	Al %	8.500 - 10.000
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving or Hot Rolled

Mechanical Properties	
Tensile Strength in Mpa	515 min.
Yield Strength in Mpa	205 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C61900	ASTM	USA	Rod, Bar and Shapes
B150 C61900	ASTM	USA	Rod, Bar and Shapes
B283 C61900	ASTM	USA	Forging
SB-150 C61900	ASME	USA	Rod, Bar and Shapes
SB-283 C61900	ASME	USA	Forging
-	-	-	-
-	-	-	-

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