

# Material: ASTM B150 C61900

## Standard Specification for Aluminum Bronze Rod, Bar and Shapes

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASTM B150 Aluminum Bronze Rod, Bar and Shape

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Rod, Bar and Shape

Chemical Composition		
Aluminium	Al %	8.500 - 10.000
Iron	Fe %	3.000 - 4.500
Lead	Pb %	0.020 max.
Tin	Sn %	0.600 max.
Zinc	Zn %	0.800 max.
Cu + Ag	Cu% + Ag%	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving or Hot Rolled

Mechanical Properties	
Tensile Strength in Mpa	515 - 620
Yield Strength in Mpa	205 - 345
Elongation in %	15 - 25
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C61900	UNS	USA	Rod, Bar, Tube and Shapes
B124 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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-	-	-	-

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