

## Material: IS 6912 9% Al Bronze FAB2

### Standard Specification for Copper and Copper Alloy Forging Stock and Forgings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 6912 Copper and Copper Alloy Forging Stock and Forgings

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

**Belongs to the Industry:** Forging

Chemical Composition			Heat Treatment	
Lead	Pb %	0.050 max.	As Raw	
Tin	Sn %	0.100 max.		
Manganese	Mn %	0.500 max.		
Magnesium	Mg %	0.050 max.		
Iron + Nickel	Fe% + Ni%	4.000 max.		
Silicon	Si %	0.100 max.		
Zinc	Zn %	0.400 max.		
Other	Ot%	0.500 max.		
Aluminium	Al %	8.500 - 10.000		
Copper	Cu %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	520 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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