

## Material: IS 6912 DPA

### 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	
Tin	Sn %	0.100 max.	As Raw	
Lead	Pb %	0.010 max.		
Iron	Fe %	0.030 max.		
Nickel	Ni %	0.150 max.		
Arsenic	As %	0.200 - 0.500		
Antimony	Sb %	0.100 max.		
Phosphorus	P %	0.020 - 0.100		
Tellurium	Te %	0.020 max.		
Bismuth	Bi %	0.003 max.		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 215 min. Yield Strength in Mpa - Elongation in % 35 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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