

## Material: ASTM B283 C46400

# Standard Specification for Copper and Copper-Alloy Die Forgings

### **Group: Non-Ferrous Copper Alloy**

#### **Sub Group: ASTM B283 Copper and Copper-Alloy Die Forgings**

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

## Belongs to the Industry: Forging

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	358 - 440
Yield Strength in Mpa	152 - 180
Elongation in %	25 - 40
Reduction of Area in %	-
Hardness in HRB	55 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn39Sn	IS	India	Plate
B171 C46400	ASTM	USA	Plate and Sheet
CZ 133	BS	British	Rod and Section
SB-171 C46400	ASME	USA	Plate and Sheet
SB-283 C46400	ASME	USA	Forging
F467 C46400	ASTM	USA	Nut
CuZn38Sn1	ISO	International	Rod and Bar

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