

Material: IS 12443 Naval Brass CuZn39Sn

Standard Specification for Rolled Brass Plates for General Engineering

Group: Non-Ferrous Copper Alloy

Sub Group: IS 12443 Rolled Brass Plates for General Engineering

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

Belongs to the Industry: Plate

Chemical Composition			Heat Treatment	
Lead	Pb %	0.020 max.	As Raw	
Tin	Sn %	0.500 - 1.000		
Iron	Fe %	0.100 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	59.800 - 62.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B171 C46400	ASTM	USA	Plate and Sheet
B283 C46400	ASTM	USA	Forging
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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