

Material: ASTM B 240 ZA8

Standard Specification For Zinc and Zinc Alloy Ingot and Die Castings

Group: Non-Ferrous Zinc Alloys

Sub Group: ASTM B 240 ZA8 Zinc and Zinc Alloy Ingot and Die Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Aluminium	Al %	8.200 - 8.800
Copper	Cu %	0.900 - 1.300
Magnesium	Mg %	0.020 - 0.030
Lead	Pb %	0.005 max.
Cadmium	Cd %	0.005 max.
Tin	Sn %	0.002 max.
Iron	Fe %	0.035 max.
Nickel	Ni %	0.010 max.
Chromium	Cr %	0.010 max.
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	370 min.
Yield Strength in Mpa	220 min.
Elongation in %	8 min.
Reduction of Area in %	-
Hardness in HB	100 min.
Impact in Joule	40 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZA8	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India