



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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			Heat Treatment			
Aluminium	Al %	8.200 - 8.800	As-Cast			
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				
-	-	-	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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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