

Material: ANSI/AA ZA-8

Specification Standards for Die Castings

Group: Non-Ferrous Zinc Alloy

Sub Group: ANSI/AA for 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 %	8.000 - 8.800	As-Cast or Aging	
Magnesium	Mg %	0.010 - 0.030		
Copper	Cu %	0.800 - 1.300		
Iron	Fe %	0.075 max.		
Lead	Pb %	0.006 max.		
Cadmium	Cd %	0.006 max.		
Tin	Sn %	0.003 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 372 min. Yield Strength in Mpa 283 - 296 Elongation in % 6 - 10 Reduction of Area in % - Hardness in HB 100 - 106 Impact in Joule 32 - 48	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B86 ZA-8	ASTM	USA	Casting
ZP8	ISO	International	Casting
ZP0810	ISO	International	Casting
Z35636	UNS	USA	Casting
Z35638	UNS	USA	Casting
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