

Material: DIN 2.2143

Standard Specification For Zinc and Zinc Alloy Castings

Group: Non-Ferrous Zinc Alloys

Sub Group: DIN 2.2143 Zinc and Zinc Alloy Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	3.900 - 4.300	As-Cast	
Copper	Cu %	2.500 - 3.200		
Magnesium	Mg %	0.030 - 0.060		
Pb + Cd	Pb% + Cd%	0.006 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.050 max.		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 335 min. Yield Strength in Mpa 270 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HB 102 min. Impact in Joule 59 J @ RT	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP2	DIN	Germany	Casting
G-ZnAl4Cu3	UNI	Italy	Ingot
ZnAl4Cu3	UNE	Spain	Ingot
B 240 AC43A	ASTM	USA	Ingot and Casting
GB-ZnAl4Cu3	DIN	Germany	Ingot and Casting
GK-ZnAl4Cu3	DIN	Germany	Casting
2.2143.01	DIN	Germany	Casting

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