

# Material: DIN 2.2161

## Standard Specification for Zinc and Zinc Alloy Ingot and Castings

**Group:** Non-Ferrous Zinc Alloys

**Sub Group:** DIN 2.2161 Zinc and Zinc Alloy Ingot and Castings

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

**Grade Belongs to the Industry:** Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	5.600 - 6.000	As-Cast	
Copper	Cu %	1.200 - 1.600		
Magnesium	Mg %	0.005 max.		
Pb + Cd	Pb% + Cd%	0.006 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.050 max.		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 180 - 230 Yield Strength in Mpa 150 - 180 Elongation in % 1 - 3 Reduction of Area in % - Hardness in HB 80 - 90 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP6	DIN	Germany	Casting
ZnAl6Cu1	UNE	Spain	Casting
2.2161.01	DIN	Germany	Casting
2.2161.02	DIN	Germany	Casting
GB-ZnAl6Cu1	DIN	Germany	Ingot and Casting
GK-ZnAl6Cu1	DIN	Germany	Ingot and Casting
G-ZnAl6Cu1	DIN	Germany	Ingot and Casting

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)