

# Material: UNE ZnAl6Cu1

## Standard Specification For Zinc and Zinc Alloy Castings

**Group:** Non-Ferrous Zinc Alloys

**Sub Group:** UNE ZnAl6Cu1 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 %	5.600 - 6.000	As-Cast	
Copper	Cu %	1.200 - 1.600		
Magnesium	Mg %	0.005 max.		
Lead	Pb %	0.003 max.		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.020 max.		
Nickel	Ni %	0.001 max.		
Silicon	Si %	0.020 max.		
Zinc	Zn %	Balance	<b>Mechanical Properties</b>	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HB	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP6	DIN	Germany	Casting
2.2161	DIN	Germany	Ingot and 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

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