



## Material - DIN G-ZnAl6Cu1

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

**Group - Non-Ferrous Zinc Alloys** 

Sub Group - DIN G-ZnAl6Cu1 Zinc and Zinc Alloy Ingot and Die 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%	0.009 max.		
Tin	Sn %	0.002 max.		
Iron	Fe %	0.075 max.		
Zinc	Zn %	Balance		
-	-	-		_
-	-	-	Mechanical Properties	
-	-		Tensile Strength in Mpa	150 - 180
-	-	-	Yield Strength in Mpa	180 - 230
-	-	-	Elongation in %	1 - 3
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	80 - 90
-	-	-	Impac <mark>t in Joule</mark>	-

Cross Reference Table				
Material	Standard	Country	Grade Belong to the Industry	
ZP6	DIN	Germany	Casting	
ZnAl6Cu1	UNE	Spain	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	

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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