

## Material: SAE J 468 903

### Specification Standards for Zinc alloy ingot and die casting compositions

**Group:** Non-Ferrous Zinc Alloy

**Sub Group:** SAE J 468 Zinc alloy ingot and die casting compositions

**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 %	3.500 - 4.300	As-Cast or Aging	
Cadmium	Cd %	0.004 max.		
Copper	Cu %	0.250 max.		
Iron	Fe %	0.100 max.		
Magnesium	Mg %	0.020 - 0.050		
Lead	Pb %	0.005 max.		
Tin	Sn %	0.005 max.		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 285 min. Yield Strength in Mpa - Elongation in % 10 min. Reduction of Area in % - Hardness in HB 82 min. Impact in Joule -	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 2	ANSI/AA	USA	Casting
ZDC 2	JIS	Japan	Casting
ZDC 2	KS	Korea	Casting
B240 AG40A	ASTM	USA	Casting
B240 Zamak 3	ASTM	USA	Casting
GD-ZnAl4	DIN	Germany	Casting
ZL3	ISO	International	Casting

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