

## Material: BS ZP16

### Standard Specification For Zinc and Zinc Alloy Castings

**Group:** Non-Ferrous Zinc Alloys

**Sub Group:** BS ZP27 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 %	0.010 - 0.040	As-Cast	
Copper	Cu %	1.000 - 1.500		
Magnesium	Mg %	0.020 max.		
Chromium	Cr %	0.100 - 0.200		
Titanium	Ti %	0.150 - 0.250		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.004 max.		
Iron	Fe %	0.050 max.		
Silicon	Si %	0.050 max.		
Zinc	Zn %	Balance	<b>Mechanical Properties</b> Tensile Strength in Mpa 220 min. Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HB - 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
ZP16	DIN	Germany	Casting
ZP16	UNI	Italy	Casting
ZP0010	UNE	Spain	Casting
ZP0010	DIN	Germany	Casting
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