

Material: AFNOR NF Z 30 C 13 M

Standard Specification for Steel Castings for General Engineering Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: AFNOR NF Z 30 C 13 M Steel Castings for General Engineering Purposes

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 - 0.400	As Cast or Annealing or Normalizing or Hardening and Tempering	
Silicon	Si %	1.500 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.025 max.		
Chromium	Cr %	11.500 - 14.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 485 min. Elongation in % 5 min. Reduction of Area in % - Hardness in BHN 200 - 380 Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
420C24	BS	British	Casting
Z 25C13-M	AFNOR NF	France	Casting
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