



## Material - AFNOR NF Z 20 Cn 17.2M

### Standard Specification for Alloy Steel Casting

Group - Ferrous Stainless Steel Alloys

Sub Group - AFNOR NF Z 20 Cn 17.2M Alloy Steel Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 - 0.250	Normalising or Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	15.000 - 18.000		
Nickel	Ni %	1.500 - 3.000		
Iron	Fe %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J91803	UNS	USA	Casting
AoX 20 CrNi 17-2	MSZ	Hungary	Casting
ANC 2	BS	British	Casting
1.4059	DIN	Germany	Casting
G X 22 CrNi 17	DIN	Germany	Casting
A743 CB30	ASTM	USA	Casting
3444 Grade 12	IS	India	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](mailto:marketing@gravitycastindia.com)**

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