



Material - MSZ AoX 20 CrNi 17-2

Standard Specification for Alloy Steel Casting

Group - Ferrous Stainless Steel Alloys

Sub Group - MSZ AoX 20 CrNi 17-2 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 %	1.500 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	16.000 - 18.000		
Nickel	Ni %	1.500 - 2.500		
Iron	Fe %	Balance		
-	-	-		
Mechanical Properties				
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
1.4059	DIN	Germany	Casting
ANC 2	BS	British	Casting
Z 20 Cn 17.2M	AFNOR NF	France	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

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