

Material: ASTM A 988 N08028

Standard Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves and Parts for High Temperature Service

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM A 988 N08028 Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves and Parts for High Temperature Service

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

Grade Belongs to the Industry: Flanges, Fittings, Valves and Parts

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.500 max.		
Chromium	Cr %	26.000 - 28.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	3.000 - 4.000		
Copper	Cu %	0.600 - 1.400		
Phosphorus	P %	0.030 max.		
Nickel	Ni %	30.000 - 34.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
			Tensile Strength in Mpa	500 min.
			Yield Strength in Mpa	214 min.
			Elongation in %	40 min.
			Reduction of Area in %	50 min.
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Incoloy Alloy 28	Gravity	India	Pipe, Tube, Sheet, Strip, Plate, Hexagon and Wire
A 213 N08028	ASTM	USA	Tube
A312 N08028	ASTM	USA	Pipe
SA-213 N08028	ASME	USA	Tube
SA-312 N08028	ASME	USA	Pipe
SA-988 N08028	ASME	USA	Flanges, Fittings, Valves and Parts
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