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		
Carbon	C %	0.030 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

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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