



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-312 N08028

Standard Specification for Seamless and Heavily Cold Worked Austenitic Stainless Steel Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASME SA-312 N08028 Seamless and Heavily Cold Worked Austenitic Stainless Steel Pipe

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

Grade Belongs to the Industry - Pipe

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		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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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
A 988 N08028	ASTM	USA	Flanges, Fittings, Valves and Parts
A312 N08028	ASTM	USA	Pipe
SA-213 N08028	ASME	USA	Tube
SA-988 N08028	ASME	USA	Flanges, Fittings, Valves and Parts
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS