



**GRAVITY CAST PVT. LTD.**  
GRAVITY GROUP OF COMPANIES

## Material - Gravity Alloy 330

**Standard Specification for Seamless and Heavily Cold Worked Austenitic Stainless Steel Tube, Sheet, Strip, Plate, Wire and Rod**

**Group - Non-Ferrous Nickel Alloys**

**Sub Group - Gravity Alloy 330 Seamless and Heavily Cold Worked Austenitic Stainless Steel Tube, Sheet, Strip, Plate, Wire and Rod**

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

**Grade Belongs to the Industry - Tube, Sheet, Strip, Plate, Wire and Wire Rod**

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.750 -1.500		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	17.000 - 20.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	0.750 max.		
Copper	Cu %	0.500 max.		
Phosphorus	P %	0.030 max.		
Nickel	Ni %	34.000 - 37.000		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      552 - 586 Yield Strength in Mpa      207 - 296 Elongation in %      40 - 45 Reduction of Area in %      - Hardness in HRC      70 - 85 Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 512 N08330	ASTM	USA	Billets and Bar
B 535 N08330	ASTM	USA	Pipe and Tube
B 536 N08330	ASTM	USA	Plate, Sheet and Strip
B 710 N08330	ASTM	USA	Pipe
B 739 N08330	ASTM	USA	Tube
SB-511 N08330	ASME	USA	Bar and Shape
SB-535 N08330	ASME	USA	Pipe and Tube

**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)**

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**