GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A269 TP304

Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service

Group - Ferrous Stainless Steel Alloys
Sub Group - ASTM A269 TP304 Seamless and Welded Austenitic Stainless Steel Tubing for General Service
Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries
Grade Belongs to the Industry - Steel and Tubing

Chemical Composition		
Carbon	C %	0.080 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Silicon	Si %	1.000 max.
Nickel	Ni %	8.000 - 11.000
Chromium	Cr %	18.000 - 20.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S30400	UNS	USA	Bars, Wire, Shapes and Forging
G 4312 SUS 304	JIS	Japan	Plate and Sheet
A 409 TP304	ASTM	USA	Sheet and Pipe
A 213 TP304	ASTM	USA	Steel
A 988 S30400	ASTM	USA	Steel
A 270 TP304	ASTM	USA	Steel and Tubing
A 943 TP304	ASTM	USA	Steel and Pipe

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.