GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-268 S43932

Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service

Group - Ferrous Stainless Steel Alloys

Sub Group - ASME SA-268 S43932 Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service

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

Grade Belongs to the Industry - Tubing

Chemical Composition		
Carbon	C %	0.030 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Silicon	Si %	1.000 max.
Nickel	Ni %	0.500 max.
Chromium	Cr %	17.000 - 19.000
Aluminium	Al %	0.150 max.
Nitrogen	N %	0.030 max.
Nb + Ti	Nb% + Ti%	0.208 - 0.750
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Tempering or As-Raw

Mechanical Properties	
Tensile Strength in Mpa	415 min.
Yield Strength in Mpa	205 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in BHN	190 max.
Impact in Joule	-

www.gravitycastindia.com

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S43932	UNS	USA	Steel
SA-240 S43932	ASME	USA	Plate, Sheet and Strip
A 959 S43932	ASTM	USA	Steel
A 240 S43932	ASTM	USA	Plate, Sheet and Strip
A 959 Type 439	ASTM	USA	Steel
3583 8 TiCr 170	STAS	Romania	Steel
3583 90 Cr 180	STAS	Romania	Steel

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.