GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-276 Type 410

Standard Specification for Stainless Steel Bars and Shapes

Group - Ferrous Stainless Steel Alloys

Sub Group - ASME SA-276 Type 410 Stainless Steel Bars and Shapes

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

Grade Belongs to the Industry - Bars and Shapes

Chemical Composition		
Carbon	C %	0.080 - 0.150
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Silicon	Si %	0.500 max.
Chromium	Cr %	11.500 - 13.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Hardening & Tempering

Mechanical Properties	
Tensile Strength in Mpa	830 min.
Yield Strength in Mpa	620 min.
Elongation in %	12 min.
Reduction of Area in %	40 min.
Hardness in BHN	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S41000	UNS	USA	Steel
G 4312 SUS 410	JIS	Japan	Plates and Sheets
A 580 Type 410	ASTM	USA	Steel and Wire
A 193 B6	ASTM	USA	Steel
A 194 Grade 6	ASTM	USA	Steel
A 479 410	ASTM	USA	Steel
A 314 410	ASTM	USA	Steel and Bars

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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