GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A108 1144

Standard Specification for Steel Bars, Carbon, Cold-Finished, Standard Quality

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A108 1144 Steel Bars, Carbon, Cold-Finished, Standard Quality

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

Grade Belongs to the Industry - Steel and Bars

Chemical Composition		
Carbon	C %	0.400 - 0.480
Manganese	Mn %	1.350 - 1.650
Phosphorus	P %	0.040 max.
Sulphur	S %	0.240 - 0.330
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Annealing or Normalizing or Hardening and Tempering

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

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G11440	UNS	USA	Steel
G 4804 SUM 43	JIS	Japan	Steel
1144	AISI	USA	Steel
SA-29 1144	ASME	USA	Steel and Bars
A 519 1144	ASTM	USA	Steel and Tubing
A 510 1144	ASTM	USA	Steel and Wire Rods
A 576 1144	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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