GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A183 Grade 2 Bolts

Standard Specification for Carbon Steel Track Bolts and Nuts

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A183 Grade 2 Bolts Carbon Steel Track Bolts and Nuts

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.300 min.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.600 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Normalizing or Normalizing & Tempering or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	760 min.
Yield Strength in Mpa	550 min.
Elongation in %	12 min.
Reduction of Area in %	25 min.
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
17100 1.0044	DIN	Germany	Steel
1626-4 1.0112	DIN	Germany	Steel and Pipe
1626-3 1.0112	DIN	Germany	Steel and Pipe
1626-3 St 37-2	DIN	Germany	Steel and Pipe
1626-4 St 37-2	DIN	Germany	Steel and Pipe
17100 St 44-2	DIN	Germany	Steel
17100 St 37-2	DIN	Germany	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.