GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10025-2 E360 I 1.0070

Standard Specification for Hot Rolled Products of Structural Steels

Group - Ferrous Mild Steel Alloys

Sub Group - BS EN 10025-2 E360 I 1.0070 Hot Rolled Products of Structural Steels

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Phosphorus	P %	0.045 max.
Sulphur	S %	0.045 max.
Nitrogen	N %	0.012 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Normalizing

Mechanical Properties	
Tensile Strength in Mpa	690 - 900
Yield Strength in Mpa	360 min.
Elongation in %	11 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
35-501 E 360	AFNOR NF	France	Steel
35-501 A 70-2	AFNOR NF	France	Steel
10169-1 1.0070	DIN	Germany	Steel
17100 ST 70-2	DIN	Germany	Steel
EN 10025 E360/Fe 690-2	DIN	Germany	Steel
EN 10025 E 360	B.S.	United Kingdom	Steel
EN 10025 E 360	NS	Norway	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.