GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A288 Class 2

Standard Specification for Carbon and Alloy Steel Forgings for Magnetic Retaining Rings for Turbine Generators

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A288 Class 2 Carbon and Alloy Steel Forgings for Magnetic Retaining Rings for Turbine Generators

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

Grade Belongs to the Industry - Forging

Chemical Composition		
Carbon	C %	0.450 max.
Manganese	Mn %	0.600 - 1.000
Phosphorus	P %	0.025 max.
Sulphur	S %	0.020 max.
Silicon	Si %	0.150 - 0.350
Chromium	Cr %	0.700 - 1.250
Molybdenum	Mo %	0.150 min.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	620 min.
Yield Strength in Mpa	450 min.
Elongation in %	20 min.
Reduction of Area in %	50 min.
Hardness in HB	-
Impact in Joule	34 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
10263-4 1.7202	EN	European Union	Rods, Bars and Wire
10263-4 37CrMo4	EN	European Union	Rods, Bars and Wire
10250-3 1.7220	EN	European Union	Forging
10263-4 34 CrMo 4	EN	European Union	Rods, Bars and Wire
10132-3 34 CrMo 4	EN	European Union	Steel and Strip
10263-4 1.7220	EN	European Union	Rods, Bars and Wire
10132-3 1.7220	EN	European Union	Steel and Strip

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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