GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10263-4 37Mo2 I 1.5418

Standard Specification for Steel Rod, Bars and Wire for Cold Heading and Cold Extrusion

Group - Ferrous Mild Steel Alloys
Sub Group - BS EN 10263-4 37Mo2 I 1.5418 Steel Rod, Bars and Wire for Cold Heading and Cold Extrusion
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Rod, Bars and Wire

Chemical Composition		
Carbon	C %	0.350 - 0.400
Silicon	Si %	0.300 max.
Manganese	Mn %	0.600 - 0.900
Phosphorus	P %	0.025 max.
Sulphur	S %	0.025 max.
Molybdenum	Mo %	0.200 - 0.300
Copper	Cu %	0.250 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Quenching + Tempering

Mechanical Properties	
Tensile Strength in Mpa	600 max.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	59 min.
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
17210 20 MoCr 4	DIN	Germany	Steel
17210 20 MoCrS 4	DIN	Germany	Steel
G 4052 SCM 21 H	JIS	Japan	Steel
253-03 20 MoCr 4	NBN	Belgium	Steel
36013 F.1523	UNE	Spain	Steel
10263-3 1.7323	EN	European Union	Rod, Bars and Wire
10084 1.7321	EN	European Union	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

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