GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10263-4 30MnB4 I 1.5526

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 30MnB4 I 1.5526 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 %	0.270 - 0.320
Silicon	Si %	0.300 max.
Manganese	Mn %	0.800 - 1.100
Phosphorus	P %	0.025 max.
Sulphur	S %	0.025 max.
Chromium	Cr %	0.300 max.
Copper	Cu %	0.250 max.
Boron	B %	0.0008 - 0.0050
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Quenching + Tempering

Mechanical Properties	
Tensile Strength in Mpa	670 max.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	58 min.
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
1.5526	DIN	Germany	Steel
30 MnB 4	DIN	Germany	Steel
10263-4 1.5408	EN	European Union	Rod, Bars and Wire
10263-4 23B2	EN	European Union	Rod, Bars and Wire
10263-4 1.5537	EN	European Union	Rod, Bars and Wire
10263-4 1.5408	EN	European Union	Rod, Bars and Wire
10263-4 1.5520	EN	European Union	Rod, Bars and Wire

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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