GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10263-2 C10C I 1.0214

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

Group - Ferrous Mild Steel Alloys

Sub Group - BS EN 10263-2 C10C I 1.0214 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 %	0.080 - 0.120
Silicon	Si %	0.100 max.
Manganese	Mn %	0.300 - 0.500
Phosphorus	P %	0.025 max.
Sulphur	S %	0.025 max.
Aluminium	Al %	0.020 - 0.060
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw

Mechanical Properties	
Tensile Strength in Mpa	520 max.
Proof 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**
41 2014 12014	CSN	Czech Republic	Steel
41 1304 11304	CSN	Czech Republic	Steel
14351 10 JuA	BDS	Bulgaria	Steel and Sheet
10263-2 C4C	EN	European Union	Rod, Bars and Wire
10263-2 1.0303	EN	European Union	Rod, Bars and Wire
10236-2 C8C	EN	European Union	Rod, Bars and Wire
10263-2 1.0213	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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