GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 6529 X02Cr19Ni10

Standard Specification for Stainless Steel Blooms, Billets and Slabs for Forgings

Group - Ferrous Stainless Steel Alloys

Sub Group - IS 6529 X02Cr19Ni10 Stainless Steel Blooms, Billets and Slabs for Forgings

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

Grade Belongs to the Industry - Steel and Forging

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Nickel	Ni %	8.000 - 12.000
Chromium	Cr %	17.000 - 20.000
Sulphur	S %	0.030 max.
Phosphorus	P %	0.045 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	192 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6603 X02Cr19Ni10	IS	India	Steel and Bars
1570 X02Cr19Ni10	IS	India	Steel
6911 X02Cr19Ni10	IS	India	Plate, Sheet and Strip
G 3214 SUS F 304LN	JIS	Japan	Steel and Forging
D 3698 STS 304LN	KS	Korea	Plate, Sheet and Strip
A 193 B8LN	ASTM	USA	Steel
A 194 Grade 8LN	ASTM	USA	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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