GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 6529 X15Cr16Ni2

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

Group - Ferrous Stainless Steel Alloys

Sub Group - IS 6529 X15Cr16Ni2 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 %	0.100 - 0.200
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Nickel	Ni %	1.500 - 3.000
Chromium	Cr %	15.000 - 18.000
Sulphur	S %	0.030 max.
Phosphorus	P %	0.040 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	262 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6603 X15Cr16Ni2	IS	India	Steel and Bars
1570 X15Cr16Ni2	IS	India	Steel
6911 X15Cr16Ni2	IS	India	Plate, Sheet and Strip
6901 X 16 CrNi 16	UNI	Italy	Bars, Wire Rods and Forging
F 80-109 Z 15 CN 16-02	AFNOR NF	France	Steel
EN 10088-3 X17CrNi16-2	AFNOR NF	France	Bars and Rods
6258 431 S 29	BS	British	Steel and Bars

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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