GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 6529 X07Cr17

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

Group - Ferrous Stainless Steel Alloys

Sub Group - IS 6529 X07Cr17 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 %	0.120 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Nickel	Ni %	0.500 max.
Chromium	Cr %	16.000 - 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	192 max.
Impact in Joule	-

www.gravitycastindia.com

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6603 X07Cr17	IS	India	Steel and Bars
1570 X07Cr17	IS	India	Steel
6911 X07Cr17	IS	India	Plate, Sheet and Strip
970-1 17 Cr	BS	British	Steel and Forging
6258 430 S 17	BS	British	Steel and Bars
A 182 F 430	ASTM	USA	Steel and Pipe
A 473 430	ASTM	USA	Steel and Forging

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.