GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10088-1 1.4980 (X6NiCrTiMoVB25-15-2)

Standard Specification for Stainless Steel

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10088-1 1.4980 (X6NiCrTiMoVB25-15-2) Stainless Steel

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.030 - 0.080
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 - 2.000
Phosphorus	P %	0.025 max.
Sulphur	S %	0.015 max.
Chromium	Cr %	13.500 - 16.000
Molybdenum	Mo %	1.000 - 1.500
Nickel	Ni %	24.000 - 27.000
Aluminium	Al %	0.350 max.
Titanium	Ti %	1.900 - 2.300
Vanadium	V %	0.100 - 0.500
Boron	B %	0.003 - 0.010
Iron	Fe %	Balance
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Proof Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HRB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
10269 X 6 NiCrTiMoVB 25-15-2	EN	European Union	Steel
10269 1.4980	EN	European Union	Steel
4956 X 6 NiCrTiMoVB 25 152	ISO	International	Steel
1.4980	DIN	Germany	Steel
X 5 NiCrTi 26-15	DIN	Germany	Steel
1506 286 S 31	B.S.	United Kingdom	Steel and Bars
A 35-578 Z 5 NCTDV 26-15 B	AFNOR NF	France	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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