GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10088-1 1.4986 (X7CrNiMoBNb16-16)

Standard Specification for Stainless Steel

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10088-1 1.4986 (X7CrNiMoBNb16-16) Stainless Steel

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.040 - 0.100
Silicon	Si %	0.300 - 0.600
Manganese	Mn %	1.500 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	15.500 - 17.500
Molybdenum	Mo %	1.600 - 2.000
Nickel	Ni %	15.500 - 17.500
Nb+Ta	Nb%+Ta%	0.010 - 1.200
Boron	B %	0.050 - 0.100
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**
17459 1.4981	DIN	Germany	Steel and Tubing
17459 X 8 CrNiMoNb 16 16	DIN	Germany	Steel and Tubing
17460 1.4981	DIN	Germany	Steel
17460 X 8 CrNiMoNb 16 16	DIN	Germany	Steel
1.4984	DIN	Germany	Steel
10269 X 7 CrNiMoBNb 16-16	EN	European Union	Steel
10269 1.4986	EN	European Union	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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