GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10095 1.4724 (X10CrAlSi13)

Standard Specification for Heat Resisting Steels and Nickel Alloys

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10095-1 1.4724 (X10CrAlSi13) Heat Resisting Steels and Nickel Alloys

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.120 max.
Silicon	Si %	0.700 - 1.400
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.015 max.
Chromium	Cr %	12.000 - 14.000
Aluminium	Al %	0.700 - 1.200
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing

Mechanical Properties	
Tensile Strength in Mpa	450 - 650
Proof Strength in Mpa	250 min.
Elongation in %	8.5 min.
Reduction of Area in %	15 min.
Hardness in HB	192 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
41 7125 17125	CSN	Czech Republic	Steel
36017 F.3152	UNE	Spain	Steel
36017 X 10 CrAl 13	UNE	Spain	Steel
SEW 470 X10AlCr13	DIN	Germany	Steel
SEW 470 1.4724	DIN	Germany	Steel
10088-1 X 10 CrAlSi 13	EN	European Union	Steel
10088-1 1.4724	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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