GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10269 NiCr15Fe7TiAl I 2.4669

Standard Specification for Steel and Nickel Alloys for Fasteners with Specified Elevated and/or Low Temperature Properties

Group - Non-Ferrous Nickel Alloys

Sub Group - BS EN 10269 NiCr15Fe7TiAl I 2.4669 Steel and Nickel Alloys for Fasteners with Specified Elevated and/or Low Temperature Properties

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.080 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.020 max.
Sulphur	S %	0.015 max.
Aluminium	Al %	0.400 - 1.000
Chromium	Cr %	14.000 - 17.000
Cobalt	Co %	1.000 max.
Copper	Cu %	0.500 max.
Titanium	Ti %	2.250 - 2.750
Nb + Ta	Nb% + Ta%	0.700 - 1.200
Iron	Fe %	5.000 - 9.000
Nickel	Ni %	70.000 min.
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing or Precipitation Hardening

Mechanical Properties	
Tensile Strength in Mpa	1000 - 1200
Proof Strength in Mpa	650 min.
Elongation in %	20 min.
Reduction of Area in %	28 min.
Hardness in HBW	-
Impact in Joule	22 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
N07750	UNS	USA	Steel
N07752	UNS	USA	Steel
2.4669	DIN	Germany	Steel
NiCr 15 Fe 7 TiAl	DIN	Germany	Steel
G 4902 NCF 750	JIS	Japan	Sheet and Plates
G 4901 NCF 750	JIS	Japan	Bars
10302 NiCr 15 Fe 7 TiAl	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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