GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10269 X15CrMo5-1 I 1.7390

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

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10269 X15CrMo5-1 I 1.7390 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 %	0.180 max.
Silicon	Si %	0.400 max.
Manganese	Mn %	0.300 - 0.800
Phosphorus	P %	0.025 max.
Sulphur	S %	0.015 max.
Chromium	Cr %	4.000 - 6.000
Molybdenum	Mo %	0.450 - 0.650
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Normalizing & Tempering or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	640 - 780
Proof Strength in Mpa	420 min.
Elongation in %	14 min.
Reduction of Area in %	45 min.
Hardness in HBW	-
Impact in Joule	40 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
3608 G X 15 CrMo 5	UNI	Italy	Casting
EN 10213-2 GX 15 CrMo 5	DIN	Germany	Casting
SEW 595 1.7353	DIN	Germany	Casting
EN 10213-2 GX15CrMo5	AFNOR NF	France	Casting
A 35-558 Z 15 CD 5.05	AFNOR NF	France	Steel
2604-1 F37	ISO	International	Steel
10213-2 GX 15 CrMo 5	EN	European Union	Casting

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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