GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A304 Grade 5130 H

Standard Specification for Carbon and Alloy Steel Bars Subject to End-Quench Hardenability Requirements

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A304 Grade 5130 H Carbon and Alloy Steel Bars Subject to End-Quench Hardenability Requirements

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

Grade Belongs to the Industry - Bars

Chemical Composition		
Carbon	C %	0.270 - 0.330
Manganese	Mn %	0.600 - 1.100
Silicon	Si %	0.150 - 0.350
Chromium	Cr %	0.750 - 1.200
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
H51300	UNS	USA	Steel
5130 H	AISI	USA	Steel
SAE J 404 5130	AISI	USA	Steel
J 1268 5130 H	SAE	USA	Steel
A 29 5130	ASTM	USA	Steel and Bars
A 519 5130	ASTM	USA	Steel and Tubing
A 752 Grade 5130	ASTM	USA	Steel and Wire Rods

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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