GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A304 Grade 94B15 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 94B15 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 %	0.120 - 0.180
Manganese	Mn %	0.700 - 1.050
Silicon	Si %	0.150 - 0.350
Nickel	Ni %	0.250 - 0.650
Chromium	Cr %	0.250 - 0.550
Molybdenum	Mo %	0.080 - 0.150
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**
H94151	UNS	USA	Steel
94B15 H	AISI	USA	Steel
94B15	AISI	USA	Steel
J 1268 94B15 H	SAE	USA	Steel
A 29 9415	ASTM	USA	Steel and Bars
A 519 94B15	ASTM	USA	Steel and Tubing
A 519 9415	ASTM	USA	Steel and Tubing

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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