

Material: CSN H40

Standard Specification for Steel Pipe and Tube for General Engineering Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: CSN H40 Steel Pipe and Tube for General Engineering Purposes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: Pipe and Tube

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.030 max.	As Raw or Annealing or Normalizing or Hardening and Tempering	
Sulphur	S %	0.030 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	414 min.
-	-	-	Yield Strength in Mpa	276 - 552
-	-	-	Elongation in %	19 - 30
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
BT3	BS	British	Pipe and Tube
Grade E75	BS	British	Pipe and Tube
H40	BS	British	Pipe and Tube
Grade E75	ONORM	Australia	Pipe and Tube
H40	ONORM	Australia	Pipe and Tube
Grade E75	BDS	Bulgaria	Pipe
H40	BDS	Bulgaria	Pipe and Tube

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