

## Material: BDS Grade E75

### Standard Specification for Steel Pipe for General Engineering Purposes

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** BDS Grade E75 Steel Pipe for General Engineering Purposes

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

**Grade Belongs to the Industry:** Pipe

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	689 min.
-	-	-	Yield Strength in Mpa	517 - 724
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	30 J @ RT

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
H40	BDS	Bulgaria	Pipe and Tube
H40	CSN	Czech Republic	Pipe and Tube

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