

## Material: BS 10216-2 EN 1.6368

### Standard Specification for Seamless Steel Tubes for Pressure Purposes

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** BS 10216-2 Seamless Steel Tubes for Pressure Purposes

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

**Belongs to the Industry:** Steel and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.170 max.	Normalising + Tempering	
Silicon	Si %	0.250 - 0.500		
Manganese	Mn %	0.800 - 1.200		
Phosphorus	P %	0.025 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	0.300 max.		
Nickel	Ni %	1.000 - 1.300		
Molybdenum	Mo %	0.250 - 0.500		
Aluminium	Al %	0.050 max.		
Copper	Cu %	0.500 - 0.800		
Niobium	Nb %	0.015 - 0.045	<b>Mechanical Properties</b> Tensile Strength in Mpa      610 - 780 Yield Strength in Mpa      440 min. Elongation in %      17 min. Reduction of Area in %      - Hardness in BHN      - Impact in Joule      27 min. @ RT	
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.6368	EN	European Union	Steel and Flat
1.6368	DIN	Germany	Steel and Flat
15NiCuMoNb5	DIN	Germany	Steel and Flat
15 NiCuMoNb 5 S	DIN	Germany	Steel
1.6368	BS	British	Steel
1.6369	DIN	Germany	Steel
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