

Material: DIN 1.7715

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: DIN 1.7715 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 %	0.100 - 0.180	Normalizing + Tempering	
Silicon	Si %	0.100 - 0.350		
Manganese	Mn %	0.400 - 0.700		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.035 max.		
Chromium	Cr %	0.300 - 0.600		
Molybdenum	Mo %	0.500 - 0.700		
Vanadium	V %	0.220 - 0.320		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	460 - 610
-	-	-	Yield Strength in Mpa	300 min.
-	-	-	Elongation in %	18 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	24 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.7715	EN	European Union	Steel and Tube
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14MoV63	DIN	Germany	Steel and Tube
13MoCrV6	UNE	Spain	Sheet, Plate and Strip
660-460	BS	British	Sheet and Forging
15128	CSN	Czech Republic	Steel and Tube
KL10	MSZ	Hungary	Steel and Tube

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