

Material: CSN 15 128

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: CSN 15128 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		
Carbon	C %	0.100 - 0.180
Silicon	Si %	0.150 - 0.400
Manganese	Mn %	0.450 - 0.700
Phosphorus	P %	0.040 max.
Sulphur	S %	0.040 max.
Chromium	Cr %	0.500 - 0.750
Molybdenum	Mo %	0.400 - 0.600
Vanadium	V %	0.220 - 0.350
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
Normalizing + Tempering	

Mechanical Properties	
Tensile Strength in Mpa	450 - 740
Yield Strength in Mpa	205 min.
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in HB	129 - 223
Impact in Joule	-

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

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