

2024年7月25日

ASTM A213 T22 Alloy Steel Seamless Tube:

Size (Seamless)	:	6.35mm o.d to 101.60mm o.d
Standards	:	ASTM A213, ASME SA213
Equivalent Standards	:	EN 10216-2, GOST 550-75, DIN 17175, BS 3059 Part II, NF A 49-213, WN 1.7380
Material	:	T22, K21590
Equivalent Material	:	13CrMo44, 10CrMo910, 10CrMo9-10, 1.7380, 11CrMo9-10, 1.7383, P22, 622-490, TU 10 CD 9-10
Type	:	Seamless
Specialized in	:	Large Diameter Size
Outer Dimensions	:	6-2500mm; WT:1-200mm
Wall Thickness	:	Schedule 3mm to 15mm.
Length	:	max 1~12m
Schedule	:	STD, SCH40, SCH80
Form	:	Round, Square, Rectangular, Hydraulic Etc.
Length	:	Single Random, Double Random & Cut Length.
Tubing End	:	Plain End, Beveled End, Treaded.

Chemical Compositions of ASTM A213 T22 Alloy Steel SMLS Tube:

C, %	Mn, %	P, %	S, %	Si, %	Cr, %	Mo, %
0.05-0.15	0.30-0.60	0.025 max	0.025 max	0.50 max	1.90-2.60	0.87-1.13

Mechanical Properties of ASTM A213 T22 Alloy Steel Seamless Tube:

Tensile Strength , MPa	Yield Strength, MPa	Elongation, %	Hardness, HB
415 min	205 min	30 min	163 max

A213 Gr T22 Alloy Steel Seamless Tubes Outside Diameter & Tolerance :

Hot rolled	Outside Diameter, mm	Tolerance, mm
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	OD≤101.6	+0.4/-0.8
	101.6<OD≤190.5	+0.4/-1.2
	190.5<OD≤228.6	+0.4/-1.6
Cold Drawn	Outside Diameter, mm	Tolerance, mm
	OD<25.4	±0.10
	25.4≤OD≤38.1	±0.15
	38.1<OD<50.8	±0.20
	50.8≤OD<63.5	±0.25
	63.5≤OD<76.2	±0.30
	76.2≤OD≤101.6	±0.38
	101.6<OD≤190.5	+0.38/-0.64
	190.5<OD≤228.6	+0.38/-1.14

SA213 T22 Alloy Steel Tube Wall thickness & Tolerance :

Hot rolled	Outside Diameter, mm	Tolerance, %
	OD≤101.6, WT≤2.4	+40/-0
	OD≤101.6, 2.4<WT≤3.8	+35/-0
	OD≤101.6, 3.8<WT≤4.6	+33/-0
	OD≤101.6, WT>4.6	+28/-0
	OD>101.6, 2.4<WT≤3.8	+35/-0
	OD>101.6, 3.8<WT≤4.6	+33/-0
	OD>101.6, WT>4.6	+28/-0
Cold Drawn	Outside Diameter, mm	Tolerance, %
	OD≤38.1	+20/-0
	OD>38.1	+22/-0

Length: 5800mm; 6000mm; 6096mm; 7315mm; 11800mm; 12000mm; and so on.

Max length: 16000mm, also U bending can be offered.



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