

Tab.1 Dimensional range and Cost categories - Hot rolled tubes made in Workshop no.2 CPE

ARTROM STEEL TUBES

WT	mm	2.3	2.6	2.77	2.87	2.9	3.2	3.6	3.91	4	4.5	5	5.5	6.02	6.3	7.1	7.62	8.0	8.56	8.8	9.5	10.0	11.0	11.13	12.5		
	in	0.091	0.102	0.109	0.113	0.114	0.126	0.142	0.154	0.157	0.177	0.197	0.217	0.237	0.248	0.280	0.300	0.315	0.337	0.346	0.375	0.394	0.433	0.438	0.492		
OD		Lungime min-max (m)/ Min -Max Length (m)																									
mm	in																										
21.3	0.839	6-12	6-12	6-12	6-12	6-12	6-12	6-12																			
26.7	1.051	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12																		
26.9	1.059	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12																		
28.0	1.102		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12																	
30.0	1.181		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12																	
31.8	1.252		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12																
33.4	1.315		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12															
33.7	1.327		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12															
38.0	1.496		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12														
42.2	1.661		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12													
42.4	1.669		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12													
48.3	1.902		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12												
51.0	2.008		6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12											
54.0	2.126				6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12										
57.0	2.244				6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12										
60.3	2.374				6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12
63.5	2.500				6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12
70.0	2.756				6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12
73.0	2.874				7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
76.1	2.996				7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
82.5	3.248						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
88.9	3.500						6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12
95.0	3.740						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
101.6	4.000						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
108.0	4.252						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
114.3	4.500						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13
121.0	4.760																										
127.0	5.000																										
134.0	5.276																										

HP1 Category
 HP2 Category
 HP3 Category
 HP4 Category

This dimensional range can also be applied quenching and tempering

Polygonal aspect at ID being within the tolerances (OD/WT<=8). Do not roll from steels with Rm> = 355 N / mm2 (E355, 20MnV6, 42CrMo4, etc)