

Tab.1 Dimensional range - Hot rolled tubes for carbon boilers 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	12.00	
	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	0.472	
OD		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															
33.7	1.327		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														
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													
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													
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												
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											
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										
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										
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	8.2-12	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	7.7-12	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	7.9-12	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	7.6-12	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	7.8-12	7-13	7-13	7-13	7-13	6-12	6-12			
82.5	3.248						7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7-13	7.8-12	7-13	7-13	7-13	7-13	6-12	6-12			
88.9	3.500						6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	6-12	7.2-12	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	7.6-12	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	7.7-12	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	7.3-12	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	7.1-12	7-13	7-13	7-13	7-13	7-13	6-12	5.5-11	5.5-11	
121.0	4.760																6-12	6-12	7.0-12	6-12	6-12	6-12	6-12	5.5-11	5.5-11	
127.0	5.000																						6-12	6-12	5.5-11	5.5-11

HP1 Category
 HP2 Category
 HP3 Category
 HP4 Category

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