

**Tab.4 Dimensional Range for tubes made in Workshop no. 3 Cold Rolling and Drawing
ARTROM STEEL TUBES**

WT	1.6	1.8	2	2.3	2.6	2.9	3.2	3.6	4	4.5	5	5.6	6.3	7.1	8	8.8	10	11	12.5	14.2	16	17.5	19.5	20	22.2	25	28	30		
OD	Length min-max (m)																													
15,88	5-12	5-12	5-12	5-12	5-12	5-12	5-12																							
17,1	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12																						
19,05	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12																			
20	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12																
21.3	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12															
25	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12														
25.4	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12														
26.9			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12													
30			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12												
31.8			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12												
33.7			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12												
38			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12									
40			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
42.4			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
44.5			5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
48.3					5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
51					5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
54						5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
57						5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
60.3						5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
63.5						5-10	5-10	5-10	5-12	5-11.5	5-12	5-11	5-10	5-8.5	5-8	5-9	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
70							5-12	5-12	5-12	5-12	5-10	5-12	5-12	5-12	5-8.5	5-8.5	5-9	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
73							5-12	5-12	5-12	5-12	5-9.5	5-12	5-12	5-8	5-8	5-8.5	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
76.1							5-10	5-10	5-11.5	5-11	5-10.5	5-11	5-10	5-8	5-8	5-8.5	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
82.5									5-11.2	5-11.2	5-9.5	5-10.5	5-10	5-10	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
88.9									5-11	5-11	5-9.5	5-10.5	5-9.5	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
95									5-11	5-11	5-9.5	5-10.5	5-9.5	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
101.6											5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
108												5-11.2	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
114.3													5-10.4	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
121														5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
127														5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12		
133															5-11.9	5-11.9	5-12	5-11.7	5.5-11.5	5.5-11.3	5.5-10.9	6-10.5	6-10.2	6-10	6-10					
139.7															8-12	8-12	8-12	8-12	8-12	7.5-11.8	7.4-11.7	7.5-11.2	7-11	6.5-10.1	6-10.1	6.5-10	6.4-9.4	6.5-9.5	6-9.2	6-9
146															7.8-12	8-12	8-12	8-12	8-12	7.5-12	7.5-11.7	7.3-11.3	7-10.9	7-10.9	7-10.8	7-10.3	6.3-10	6-9.6	6-9.3	
152.4																8-12	8-12	8-12	8-12	7.7-11.8	7.5-11.5	7.2-11	7-11	7-10.7	7-10.2	7-10.2	6.5-10	6.5-9.5	6-9.2	6-9.1
159																	9-12	8.3-12	8.3-12	8-12	8-12	8-12	7.5-11.5	7.2-11.4	7.2-11.3	7-11	6.5-10.5	6.5-10.1	6.4-10	
160																	9-12	8.3-12	8.3-12	8-12	8-12	8-12	7.5-11.5	7.2-11.4	7.2-11.3	7-11	6.5-10.5	6.5-10.1	6.4-10	
165.1																	8-12	7.5-11.7	7.3-11.3	7-11	7-10.8	7-10.4	6.5-10	6.4-9.9	6.3-9.7	6-9.5	6-9.2	6-9		
168.3																	9-12	8.7-12	8.5-12	8-12	7.5-11.8	7.5-11.3	7-10.8	7-10.8	7-10.8	7-10.5	6.5-10.1	6.5-9.8	6.2-9.5	
177.8																	9-12	9-12	9-12	8.5-12	8.5-12	8-12	7.5-11.5	7.5-11.5	7.5-11.3	7.2-11	7-10.7	7-10.4		
193.7																	9-12	9-12	9-12	8.5-12	8-12	7.5-11.5	7-11	7-11	6.8-10.6	6.5-10.2	6.5-9.8	6.2-9.7		
203																		8.5-12	8.3-12	8-12	7.5-11.5	7-11	7-10.6	6.5-10.2	6.5-10.2	6.5-9.9	6-9.6	6-9.3	6-9.1	
210																					6.5-10	6-9.6	6-9.2	6-9	6-9	6-8.8	5.5-8.5	5.5-8.4	5.5-8.3	
219.1																										5.5-8.2	5.2-8	5.2-7.9	5-7.8	5-7.6

MC1 Category - one cold drawing or one cold rollings

MC2 Category - two cold drawings

MC3 Category - two cold rollings