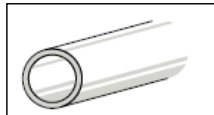


**Metric Round Welded Precision Steel Tubing**

Black heavy wall welded hot rolled steel tubes DIN 2448; Qualities: St34-2, St37-2, St44-2, St52-3, and others available upon request; Availabilities: DKM, GBK, NBK (with scraped inner seam). By special order only, not a stocked item.



OUTER DIAMETER Da		WALL THICKNESS S = NOMINAL SIZE. PERMISSIBLE DEVIATION: NOMINAL SIZE ± 10%																	
NOMINAL SIZE	PERMISSIBLE DEVIATION	THE ECCENTRICITY IS INCLUDED IN THE PERMISSIBLE WALL THICKNESS.																	
		0.7	1	1.2	1.5	1.8	2	2.2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	
10	±0.12	0.161	0.222	0.26	0.314														
12		0.195	0.271	0.32	0.398	0.453	0.493												
16		0.264	0.37	0.438	0.536	0.63	0.691	0.749											
18		0.299	0.419	0.497	0.61	0.719	0.789	0.857	0.956										
20	±0.15	0.333	0.469	0.556	0.684	0.808	0.888	0.966	1.08	1.26									
22		0.367	0.513	0.616	0.758	0.897	0.986	1.07	1.2	1.41									
25		0.419	0.592	0.704	0.869	1.03	1.13	1.24	1.39	1.63									
30		0.506	0.715	0.852	1.05	1.25	1.38	1.51	1.7	2	2.29								
32	±0.20		0.765	0.911	1.13	1.34	1.48	1.62	1.82	2.15	2.46								
35			0.838	1	1.24	1.47	1.63	1.78	2	2.37	2.72								
38			0.912	1.09	1.35	1.61	1.78	1.94	2.19	2.59	2.98	3.35							
40			0.962	1.15	1.42	1.7	1.87	2.05	2.31	2.74	3.15	3.55							
45	±0.30		1.09	1.3	1.61	1.92	2.12	2.32	2.62	3.11	3.58	4.04							
50			1.21	1.44	1.79	2.14	2.37	2.59	2.93	3.48	4.01	4.54	5.05						
55				1.59	1.98	2.36	2.61	2.86	3.24	3.85	4.45	5.03	5.6						
60				1.74	2.16	2.58	2.86	3.14	3.55	4.22	4.88	5.52	6.16	6.78	7.39				
70	±0.40			2.04	2.53	3.03	3.35	3.68	4.16	4.96	5.74	6.51	7.27	8.01	8.75				
80				2.33	2.9	3.47	3.85	4.22	4.78	5.7	6.6	7.5	8.38	9.25	10.1				
90					3.27	3.92	4.34	4.76	5.39	6.44	7.47	8.48	9.49	10.5	11.5	12.4			
100					3.64	4.36	4.83	5.31	6.01	7.18	8.33	9.47	10.6	11.7	12.8	13.9			
108	±0.50			3.94	4.73	5.23	5.74	6.5	7.77	9.02	10.3	11.5	12.7	13.9	15.1				
114					4.98	5.52	6.2	6.87	8.21	9.54	10.9	12.2	13.4	14.7	16	17.2	18.5		
120						5.25	5.82	6.39	7.24	8.66	10.1	11.4	12.8	14.2	15.5	16.9	18.2	19.5	
133						5.82	6.46	7.1	8.05	9.62	11.2	12.7	14.3	15.8	17.3	18.9	20.3	21.8	
159	±1.2					6.98	7.74	8.51	9.65	11.5	13.4	15.3	17.2	19	20.8	22.6	24.5	26.2	

(Note: Not all sizes are available for all of the listed materials)