



## Coopers Needle Works Ltd.

261/262 Aston Lane, Birmingham, West Midlands B20 3HS  
Telephone: 0121 356 4719/8884 Fax: 0121 356 3050

**At Cooper's Needle Works Limited, all our tubing is engineered for reliability and precision. Crafted from high-quality stainless steel, these tubes offer exceptional strength, durability, and corrosion resistance. Perfect for a wide range of applications, all our tubing delivers consistent performance you can trust.**

### Fractional Size Stainless Steel Tubing

	OD mm	ID mm	Wall mm	OD"	ID"	Wall"
1/16" x1/32"	1.59	0.79	0.400	0.0625	0.0313	0.016
1/16" x0.008" wall	1.59	1.19	0.200	0.0625	0.0469	0.008
1/16" x33gauge	1.59	1.09	0.250	0.0625	0.0429	0.010
1/16" x30gauge	1.59	0.97	0.310	0.0625	0.0382	0.012
1/16" x27gauge	1.59	0.79	0.400	0.0625	0.0311	0.016
1/16" x0.017" wall	1.59	0.71	0.440	0.0625	0.0280	0.017
1/16" x25gauge	1.59	0.56	0.515	0.0625	0.0220	0.020
1/16" x24gauge	1.59	0.46	0.565	0.0625	0.0181	0.022
1/16" x0.010" ID	1.59	0.25	0.668	0.0625	0.0100	0.026
3/32" x36gauge	2.38	1.98	0.200	0.0937	0.0780	0.008
3/32" x30gauge	2.38	1.78	0.300	0.0937	0.0701	0.012
3/32" x27gauge	2.38	1.57	0.405	0.0937	0.0618	0.016
1/8" x1/16"	3.18	1.59	0.795	0.1250	0.0626	0.032
1/8" x0.006" wall	3.18	2.87	0.155	0.1250	0.1130	0.006
1/8" x36gauge	3.18	2.77	0.205	0.1250	0.1091	0.008
1/8" x33gauge	3.18	2.67	0.255	0.1250	0.1051	0.010
1/8" x30gauge	3.18	2.57	0.305	0.1250	0.1012	0.012
1/8" x27gauge	3.18	2.36	0.410	0.1250	0.0929	0.016
1/8" x26gauge	3.18	2.26	0.460	0.1250	0.0890	0.018
1/8" x25gauge	3.18	2.16	0.510	0.1250	0.0850	0.020
1/8" x24gauge	3.18	2.06	0.560	0.1250	0.0811	0.022
1/8" x22gauge	3.18	1.75	0.715	0.1250	0.0689	0.028
1/8" x21gauge	3.18	1.55	0.815	0.1250	0.0610	0.032
1/8" x20gauge	3.18	1.35	0.915	0.1250	0.0530	0.036
1/8" x18gauge	3.18	0.69	1.245	0.1250	0.0272	0.049
5/32" x33gauge	3.97	3.45	0.260	0.1563	0.1358	0.010
5/32" x27gauge	3.97	3.14	0.415	0.1563	0.1236	0.016
5/32" x24gauge	3.97	2.84	0.565	0.1563	0.1118	0.022
5/32" x22gauge	3.97	2.55	0.710	0.1563	0.1004	0.028
5/32" x20gauge	3.97	2.18	0.895	0.1563	0.0858	0.035
3/16" x36gauge	4.76	4.35	0.205	0.1875	0.1713	0.008
3/16" x33gauge	4.76	4.25	0.255	0.1875	0.1673	0.010
3/16" x27gauge	4.76	3.96	0.400	0.1875	0.1559	0.016
3/16" x26gauge	4.76	3.86	0.450	0.1875	0.1520	0.018
3/16" x25gauge	4.76	3.76	0.500	0.1875	0.1480	0.020
3/16" x24gauge	4.76	3.66	0.550	0.1875	0.1441	0.022
3/16" x22gauge	4.76	3.35	0.705	0.1875	0.1319	0.028
3/16" x21gauge	4.76	3.15	0.805	0.1875	0.1240	0.032
3/16" x20gauge	4.76	3.00	0.915	0.1875	0.1181	0.036
3/16" x18gauge	4.76	2.29	1.235	0.1875	0.0902	0.049
3/16" x16gauge	4.76	1.47	1.645	0.1875	0.0579	0.065
¼ x0.006" wall	6.35	6.04	0.155	0.2500	0.2378	0.006



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1/4" x33gauge	6.35	5.84	0.255	0.2500	0.2299	0.010
1/4" x27gauge	6.35	5.54	0.405	0.2500	0.2181	0.016
1/4" x25gauge	6.35	5.33	0.510	0.2500	0.2098	0.020
1/4" x24gauge	6.35	5.23	0.560	0.2500	0.2059	0.022
1/4" x22gauge	6.35	4.93	0.710	0.2500	0.1941	0.028
1/4" x21gauge	6.35	4.72	0.815	0.2500	0.1858	0.032
1/4" x20gauge	6.35	4.52	0.915	0.2500	0.1780	0.036
1/4" x18gauge	6.35	3.91	1.222	0.2500	0.1539	0.048
1/4" x16gauge	6.35	3.10	1.625	0.2500	0.1220	0.064
1/4" x14gauge	6.35	2.28	2.035	0.2500	0.0898	0.080
5/16" x25gauge	7.94	6.93	0.505	0.3125	0.2728	0.020
5/16" x24gauge	7.94	6.83	0.555	0.3125	0.2689	0.022
5/16" x22gauge	7.94	6.53	0.705	0.3125	0.2571	0.028
5/16" x21gauge	7.94	6.32	0.810	0.3125	0.2488	0.032
5/16" x20gauge	7.94	6.12	0.910	0.3125	0.2409	0.036
5/16" x18gauge	7.94	5.51	1.215	0.3125	0.2169	0.048
5/16" x16gauge	7.94	4.68	1.630	0.3125	0.1843	0.064
3/8" x25gauge	9.53	8.51	0.510	0.3750	0.3350	0.020
3/8" x22gauge	9.53	8.11	0.710	0.3750	0.3193	0.028
3/8" x20gauge	9.53	7.70	0.915	0.3750	0.3031	0.036
3/8" x18gauge	9.53	7.09	1.220	0.3750	0.2791	0.048
3/8" x16gauge	9.53	6.27	1.630	0.3750	0.2468	0.064
3/8" x14 gauge	9.53	5.46	2.035	0.3750	0.2150	0.080
3/8" x10gauge	9.53	3.18	3.175	0.3750	0.1252	0.125
7/16" x26gauge	11.11	10.02	0.545	0.4375	0.3945	0.022
7/16" x22gauge	11.11	9.69	0.710	0.4375	0.3815	0.028
7/16" x20gauge	11.11	9.28	0.915	0.4375	0.3655	0.036
7/16" x18gauge	11.11	8.67	1.220	0.4375	0.3413	0.048
7/16" x16gauge	11.11	7.86	1.625	0.4375	0.3094	0.064
1/2" x33gauge	12.70	12.19	0.255	0.5000	0.4799	0.010
1/2" x26gauge	12.70	11.78	0.460	0.5000	0.4638	0.018
1/2" x24gauge	12.70	11.50	0.600	0.5000	0.4528	0.024
1/2" x22gauge	12.70	11.28	0.710	0.5000	0.4441	0.028
1/2" x20gauge	12.70	10.87	0.915	0.5000	0.4280	0.036
1/2" x18gauge	12.70	10.26	1.220	0.5000	0.4039	0.048
1/2" x16gauge	12.70	9.40	1.650	0.5000	0.3701	0.065
9/16" x22gauge	14.29	11.84	1.225	0.5625	0.5070	0.028
9/16" x 18gauge	14.29	11.36	1.215	0.5625	0.4665	0.515
9/16" x16gauge	14.29	10.99	1.650	0.5625	0.4327	0.065
5/8" x22gauge	15.88	14.45	0.715	0.6250	0.5689	0.028
5/8" x18gauge	15.88	13.44	1.220	0.6250	0.5290	0.048
5/8" x16gauge	15.88	12.57	1.650	0.6250	0.4949	0.065