

# FRACTIONAL AND METRIC TUBE SIZES

## By Nominal Wall Thickness

OD	OD	ID 0.005 Wall	ID 0.010 Wall	ID 0.015 Wall	ID 0.020 Wall	ID 0.028 Wall	ID 0.035 Wall
1/32	0.031	0.021	0.011	N/A	N/A	N/A	N/A
1/16	0.063	0.053	0.043	0.033	0.023	N/A	N/A
3/32	0.094	0.084	0.074	0.064	0.054	0.038	0.024
1/8	0.125	0.115	0.105	0.095	0.085	0.069	0.055
5/32	0.156	0.146	0.136	0.126	0.116	0.100	0.086
3/16	0.188	0.178	0.168	0.158	0.148	0.132	0.118
7/32	0.219	0.209	0.199	0.189	0.179	0.163	0.149
1/4	0.250	0.240	0.230	0.220	0.210	0.194	0.180
9/32	0.281	0.271	0.261	0.251	0.241	0.225	0.211
5/16	0.313	0.303	0.293	0.283	0.273	0.257	0.243
11/32	0.344	0.334	0.324	0.314	0.304	0.288	0.274
3/8	0.375	0.365	0.355	0.345	0.335	0.319	0.305
13/32	0.406	0.396	0.386	0.376	0.366	0.350	0.336
7/16	0.438	0.428	0.418	0.408	0.398	0.382	0.368
15/32	0.469	0.459	0.449	0.439	0.429	0.413	0.399
1/2	0.500	0.490	0.480	0.470	0.460	0.444	0.430
17/32	0.531	0.521	0.511	0.501	0.491	0.475	0.461
9/16	0.563	0.553	0.543	0.533	0.523	0.507	0.493
19/32	0.594	0.584	0.574	0.564	0.554	0.538	0.524
5/8	0.625	0.615	0.605	0.595	0.585	0.569	0.555

All sizes in inches

OD (IN)	OD	ID 0.127 Wall	ID 0.254 Wall	ID 0.381 Wall	ID 0.508 Wall	ID 0.711 Wall	ID 0.889 Wall
0.031	0.794	0.540	0.286	N/A	N/A	N/A	N/A
0.063	1.588	1.334	1.080	0.826	0.572	N/A	N/A
0.094	2.381	2.127	1.873	1.619	1.365	8.131	0.603
0.125	3.175	2.921	2.667	2.413	2.159	14.863	1.397
0.156	3.969	3.715	3.461	3.207	2.953	21.594	2.191
0.188	4.763	4.509	4.255	4.001	3.747	28.325	2.985
0.219	5.556	5.302	5.048	4.794	4.540	35.056	3.778
0.250	6.350	6.096	5.842	5.588	5.334	41.788	4.572
0.281	7.144	6.890	6.636	6.382	6.128	48.519	5.366
0.313	7.938	7.684	7.430	7.176	6.922	55.250	6.160
0.344	8.731	8.477	8.223	7.969	7.715	61.981	6.953
0.375	9.525	9.271	9.017	8.763	8.509	68.713	7.747
0.406	10.319	10.065	9.811	9.557	9.303	75.444	8.541
0.438	11.113	10.859	10.605	10.351	10.097	82.175	9.335
0.469	11.906	11.652	11.398	11.144	10.890	88.906	10.128
0.500	12.700	12.446	12.192	11.938	11.684	95.638	10.922
0.531	13.494	13.240	12.986	12.732	12.478	102.369	11.716
0.563	14.288	14.034	13.780	13.526	13.272	109.100	12.510
0.594	15.081	14.827	14.573	14.319	14.065	115.831	13.303
0.625	15.875	15.621	15.367	15.113	14.859	122.563	14.097

All sizes in millimeters, unless specified in inches

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