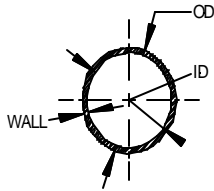




## Seamless and Welded Austenitic Stainless Steel Tubing ( General Service ) ( ASTM A 269 )

DAYCO offers Seamless and Welded Austenitic Stainless Steel general service tubular products which meet ASTM A 269 and ASTM A 450 requirements. Specializing in grades 304/304L and 316/316L DAYCO can provide Round tubing in standard lengths of 20' and 24'. We can also provide Cut-To-Length product utilizing a Just-In-Time (J.I.T.) stocking program.



Round tube should be specified as follows:

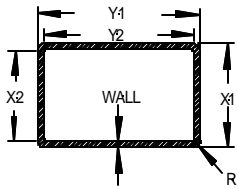
- Quantity (Feet).
- Name of Material (Seamless or Welded Tubes).
- OD and Nominal Wall thickness & Length.
- Grade designation (when not given default will be 304, Refer to Table 1 of ASTM A 269).
- Heat Treatment (refer to Section 6 of ASTM A 269).
- Finish (Mill, 180G and 320G)
- Optional requirements (Refer to Section 9.6 and 11 of A 269).
- Specification designation & end use.
- Special requirements / Special packing / Special marking.
- Mechanical and or Chemical test reports (per ASTM A 450).



GENERAL SERVICE ROUND TUBING ASTM A269 (WT/FT)											
Outside Diameter Inches Round	Wall Thickness Inches / Gauge										
	0.032	0.035	0.039	0.049	0.065	0.083	0.109	0.12			
	21	20		18	16	14	12	11			
0.500	0.1599	0.1738	0.1920	0.2360	0.3020						
0.625	0.2027	0.2205	0.2441	0.3014	0.3888						
0.750	0.2454	0.2673	0.2961	0.3668	0.4755	0.5913	0.7462				
0.875	0.2881	0.3140	0.3482	0.4323	0.5623	0.7021	0.8917				
1.000	0.3308	0.3607	0.4003	0.4977	0.6491	0.8129	1.0372	1.1278			
1.050	0.3479	0.3794	0.4211	0.5238	0.6838	0.8572	1.0954	1.1919			
1.125	0.3735	0.4074	0.4523	0.5631	0.7359	0.9237	1.1827	1.2880			
1.250	0.4163	0.4542	0.5044	0.6285	0.8226	1.0345	1.3283	1.4482			
1.313		0.4775	0.5304	0.6612	0.8660	1.0899	1.4010	1.5283			
1.500		0.5476	0.6085	0.7593	0.9962	1.2561	1.6193	1.7686			
1.625		0.5943	0.6606	0.8248	1.0830	1.3669	1.7648	1.9288			
1.750		0.6411	0.7127	0.8902	1.1697	1.4777	1.9103	2.0890			
1.900		0.6971	0.7751	0.9687	1.2739	1.6107	2.0849	2.2812			
2.000			0.8168	1.0210	1.3433	1.6993	2.2014	2.4094			
2.250			0.9209	1.1518	1.5168	1.9209	2.4924	2.7298			
2.500			1.0251	1.2827	1.6904	2.1425	2.7834	3.0502			
2.875				1.4789	1.9507	2.4749	3.2200	3.5308			
3.000				1.5443	2.0375	2.5857	3.3655	3.6910			
3.500					2.3846	3.0290	3.9475	4.3318			
4.000					2.7317	3.4722	4.5296	4.9726			
4.500					3.0788	3.9154	5.1117	5.6134			
mm Round	Inches Round	Wall Thickness Millimeters									
		.50	.60	.70	.80	.90	1.00	1.20	1.50	2.00	
6.00	.236	0.046	0.054	0.062							
7.00	.276	0.054	0.065	0.074							
7.50	.295	0.059	0.070	0.080							
8.00	.315	0.063	0.075	0.086	0.097	0.108	0.118				
9.00	.354	0.071	0.085	0.097	0.110	0.122	0.134				
9.50	.374	0.076	0.090	0.103	0.117	0.130	0.143				
16.00	.630	0.130	0.155	0.180	0.204	0.228	0.252	0.298			
18.00	.709	0.147	0.175	0.204	0.231	0.259	0.286	0.339			
19.00	.748	0.155	0.185	0.215	0.245	0.273	0.302	0.359			
35.00	1.378						0.681	0.844	1.109		

Continued

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Rectangular tube should be specified as above with the following exceptions:

- The X and Y dimension of the rectangular tube (Outside Only)
- The Wall
- Surface Finish (default will be Mill Finish):
  - Mill · 180G · 320G · 400G

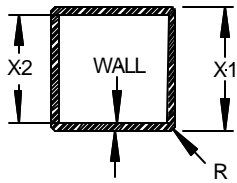
GENERAL SERVICE RECTANGULAR TUBING ASTM A269 (WT/FT)									
Outside Dimensions In Inches X by Y	Wall Thickness Inches / Gauge								
	0.035	0.049	0.065	0.083	0.120	0.180	0.250	0.375	0.500
	20	18	16	14	11	7	3	3/0	-
.750 x .500		.386	.498						
1 x .500	.342	.469	.606						
1 x .750	.402	.553	.716						
1.500 x .500		.637	.831						
1.500 x .750		.721	.942	1.183					
1.500 x 1		.805	1.048	1.317	1.844				
1.750 x 1.250			1.276	1.609					
2 x 1		.972	1.263	1.599	2.252				
2 x 1.500			1.499	1.882	2.660				
2.500 x 1			1.498	1.892	2.675				
2.500 x 1.500			1.720	2.164	3.068				
3 x 1			1.710	2.164	3.120				
3 x 1.500			1.940	2.445	3.476	5.097			
3 x 1.750			2.054	2.602	3.701	5.404			
3 x 2				2.744	3.980	5.352	7.110		
4 x 2				3.292	4.830	6.944	8.810		
4 x 3					5.680	8.175	10.510	14.717	
5 x 2					5.680	8.175	10.510		
5 x 3					6.530	9.351	12.210	17.270	
6 x 2					6.530	9.351	12.210		
6 x 3						10.637	13.910	19.821	
6 x 4						11.869	15.620	22.370	
8 x 2					8.011	11.869	15.620	22.370	
8 x 3						13.100	17.320	24.930	
8 x 4						14.247	19.020	27.480	
8 x 6						16.793	22.420	32.580	42.050
10 x 2						14.247	19.020	27.480	
10 x 4						16.793	22.420	32.580	
10 x 6							25.820	37.690	48.850
12 x 4						19.630	25.820	37.690	
12 x 6							29.230	42.790	55.660

Outside Dimension mm X · Y	Outside Dimension Inches Reference )	Wall Thickness Inches / Gauge								
		.032	.035	.039	.049	.065	.083	.109	.120	
		18	17		16	15	14	12	11	
13 x 26	.512 x 1.024	.320	.349	.387	.479	.621	.773	.977	1.057	
14 x 31	.551 x 1.220	.372	.405	.449	.558	.726	.906	1.152	1.250	
15 x 30	.591 x 1.181	.372	.405	.449	.556	.726	.906	1.152	1.250	
20 x 40	.787 x 1.575	.546	.546	.606	.754	.987	1.240	1.589	1.732	
25 x 50	.984 x 1.969	.501	.762	.951	.951	1.248	1.573	2.027	2.214	
26 x 40	1.024 x 1.575	.602	.668	.833	.833	1.091	1.373	1.764	1.925	
30 x 60	1.181 x 2.362	.827	.919	1.148	1.509	1.509	1.906	2.465	2.696	
36 x 64	1.417 x 2.20	.920	1.023	1.279	1.683	1.738	2.128	2.757	3.017	
40 x 80	.787 x 3.150	1.108	1.232	1.542	2.031	2.086	2.573	3.340	3.659	
45 x 75	1.772 x 2.953	1.108	1.232	1.542	2.031	2.086	2.573	3.340	3.659	
45 x 95	1.772 x 3.740	1.295	1.441	1.804	2.379	3.107	3.017	3.924	4.302	
50 x 100	1.969 x 3.937	1.389	1.546	1.935	2.553	3.329	3.294	4.216	4.623	
80 x 180	3.150 x 7.087	2.420	2.694	3.378	4.467	5.774	7.426	8.157	8.157	

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Square tube should be specified as above with the following exceptions:

- The X dimension of the square tube (Outside Only)
- The Wall
- *Surface Finish* (default will be Mill Finish):
  - Mill · 180G · 320G · 400G



GENERAL SERVICE SQUARE TUBING ASTM A269 (WT/FT)								
Outside Dimension Inches Square	Wall Thickness Inches / Gauge							
	0.032 21	0.035 20	0.039 -	0.049 18	0.065 16	0.083 14	0.109 12	0.120 11
0.500	0.2037	0.2213	0.2445	0.3005	0.3845			
0.625	0.2581	0.2808	0.3108	0.3838	0.495			
0.750	0.3125	0.3403	0.3771	0.4671	0.6055	0.753		1.028
0.875				0.5504	0.716			
1.000				0.6337	0.8265	1.0351	1.3208	1.4362
1.250				0.8003	1.0475	1.3173	1.6914	1.8442
1.500				0.9669	1.2685	1.5995	2.0620	2.2522
2.000				1.3001	1.7105	2.1639	2.8032	3.0682
Outside Dimension mm Square	Wall Thickness Inches / Millimeters							
				0.049 18	0.065 16	0.083 14	0.109 12	0.120 11
60.0			1.5415	2.031	2.573	3.340	3.659	
70.0					3.017	3.924	4.302	
80.0					3.462	4.507	4.944	
90.0								5.587
100.0								6.229