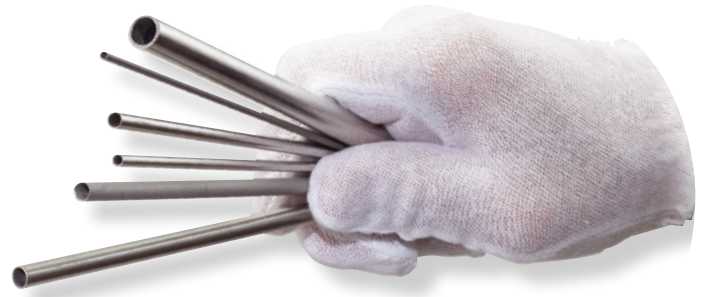


# Eagle Stainless Tube & Fabrication, Inc.

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 Phone (800) 528-8650 • www.eagletube.com



## Hypodermic Tubing Selection Guide

The tubing below is available in standard 10 foot lengths. Eagle can cut your order to shorter lengths as required.

• Full hard #3 temper • T304 • T316

Gauge Size	O.D. Range (Inches)	Nominal Wall (In.)	I.D. Range (Inches)	Gauge Size	O.D. Range (Inches)	Nominal Wall (In.)	I.D. Range (Inches)	Gauge Size	O.D. Range (Inches)	Nominal Wall (In.)	I.D. Range (Inches)
3 STD	.258/.260	.015	.226/.232	13 STD	.094/.096	.012	.069/.073	20XTW	.0355/.036	.004	.026/.0285
4 STD	.236/.240	.020	.195/.201	13TW	.094/.096	.009	.075/.079	20V	.034/.0345	.004	.0255/.0275
5 STD	.218/.220	.015	.187/.191	13XTW	.094/.096	.005	.083/.087	21STD	.032/.0325	.006	.0195/.021
5 TW	.218/.220	.010	.196/.200	13V	.088/.090	.009	.069/.073	21TW	.032/.0325	.005	.022/.024
6 STD	.202/.204	.015	.170/.1765	14 STD	.082/.084	.010	.061/.065	21XTW	.032/.0325	.002	.0280/.0295
6TW	.202/.204	.010	.180/.186	14 SP	.082/.084	.008	.065/.069	21 V	.030/.0305	.0035	.023/.0245
6V	.187/.189	.010	.165/.171	14 TW	.082/.084	.0055	.071/.073	22 STD	.028/.0285	.006	.0155/.017
7 STD	.179/.181	.015	.147/.153	14XTW	.082/.084	.003	.075/.079	22 TW	.028/.0285	.004	.019/.0205
7TW	.179/.181	.010	.158/.162	14 V	.077/.079	.007	.062/.066	22XTW	.028/.0285	.0025	.0225/.024
7V	.171/.173	.011	.147/.153	15 STD	.0715/.0725	.009	.0525/.0555	22 V	.026/.027	.003	.0195/.021
8 STD	.164/.166	.015	.132/.138	15 TW	.0715/.0725	.006	.0595/.0615	23 STD	.025/.0255	.006	.0125/.014
8TW	.164/.166	.010	.143/.147	15XTW	.0715/.0725	.004	.062/.066	23 TW	.025/.0255	.004	.0165/.018
8XTW	.164/.166	.009	.145/.149	15 V	.0675/.0685	.007	.0525/.0555	23XTW	.025/.0255	.002	.0185/.020
8V	.155/.157	.010	.133/.139	16 STD	.0645/.0655	.009	.0455/.0485	23V	.023/.0235	.003	.0165/.018
9 STD	.147/.149	.015	.115/.121	16 TW	.0645/.0655	.006	.0525/.0545	24 STD	.022/.0225	.005	.0115/.013
9TW	.147/.149	.010	.126/.130	16XTW	.0645/.0655	.004	.055/.058	24XTW	.022/.0225	.003	.0155/.017
9XTW	.147/.149	.006	.134/.138	16 V	.0615/.0625	.005	.0505/.0535	24V	.021/.0215	.002	.0155/.017
9V	.140/.142	.011	.117/.121	17 STD	.0575/.0585	.008	.0405/.0435	25 STD	.020/.0205	.005	.0095/.011
10 STD	.133/.135	.014	.104/.108	17 TW	.0575/.0585	.005	.0465/.0485	25 TW	.020/.0205	.004	.0115/.013
10 TW	.133/.135	.010	.112/.116	17XTW	.0575/.0585	.003	.051/.053	25XTW	.020/.0205	.002	.0155/.017
10XTW	.133/.135	.008	.1165/.120	17 V	.0555/.0565	.005	.045/.047	25V	.019/.0195	.002	.0135/.015
10 V	.125/.127	.010	.104/.108	18 STD	.0495/.0505	.0085	.0315/.0345	26 STD	.018/.0185	.004	.0095/.011
11 STD	.119/.121	.013	.092/.096	18 SP	.0495/.0505	.006	.0375/.0395	27 STD	.016/.0165	.004	.0075/.009
11 TW	.119/.121	.010	.098/.102	18 TW	.0495/.0505	.004	.041/.043	27 TW	.016/.0165	.003	.0095/.011
11XTW	.119/.121	.007	.104/.108	18 V	.0455/.0465	.0065	.0315/.0345	27 SP	.016/.0165	.002	.0115/.0125
11 V	.114/.116	.010	.092/.096	19 STD	.0415/.0425	.0075	.0255/.0285	28 STD	.014/.0145	.0035	.0065/.008
12 STD	.108/.110	.012	.083/.087	19 TW	.0415/.0425	.005	.0315/.0335	29 STD	.013/.0135	.003	.0065/.008
12 TW	.108/.110	.009	.089/.093	19XTW	.0415/.0425	.0035	.034/.036	30 STD	.012/.0125	.003	.0055/.007
12XTW	.108/.110	.0045	.098/.102	19 V	.0385/.0395	.006	.0255/.0285	30TW	.012/.0125	.002	.0065/.008
12 V	.099/.101	.008	.080/.083	20 STD	.0355/.036	.006	.023/.0245	31 STD	.010/.0105	.0025	.0045/.006
				20 TW	.0355/.036	.005	.025/.027	32 STD	.009/.0095	.0025	.0035/.005
								33 STD	.008/.0085	.002	.0035/.005

Note: Special sizes available on request!

### Ordering Your Tubing

Tubing is generally ordered to outside diameter and wall thickness, and is inventoried as Eagle Service Center Stock. Although tubing has three dimensions (O.D., I.D. and wall thickness) only two may be specified with tolerances; the third is theoretical. If inside diameter is the more important dimension for you, tubing can be specially produced by our mill to I.D. and wall, or to O.D. and I.D. dimensions. Tolerances in any tube are applicable only to two cross-sectional dimensions. Thus, if outside diameter and wall thickness are specified, the inside diameter may not necessarily conform to published tolerances.

### Get Tubing Cut to Exact Lengths

Our facilities enable us to cut and deburr any diameter tubing in quantities from 1 piece to million pieces or more. . . from lengths of 0.040" and longer. See the table at the right for standard cut to length tolerances. Closer tolerances are certainly possible. Talk to us!



ISO 9001

ISO 13485