

RAPID TUBING & WIRE

In an effort to enable the fastest possible delivery of new parts, Cadence now has in stock virtually all sizes of hypodermic tubing and stainless steel wiring needed for new product development, including:

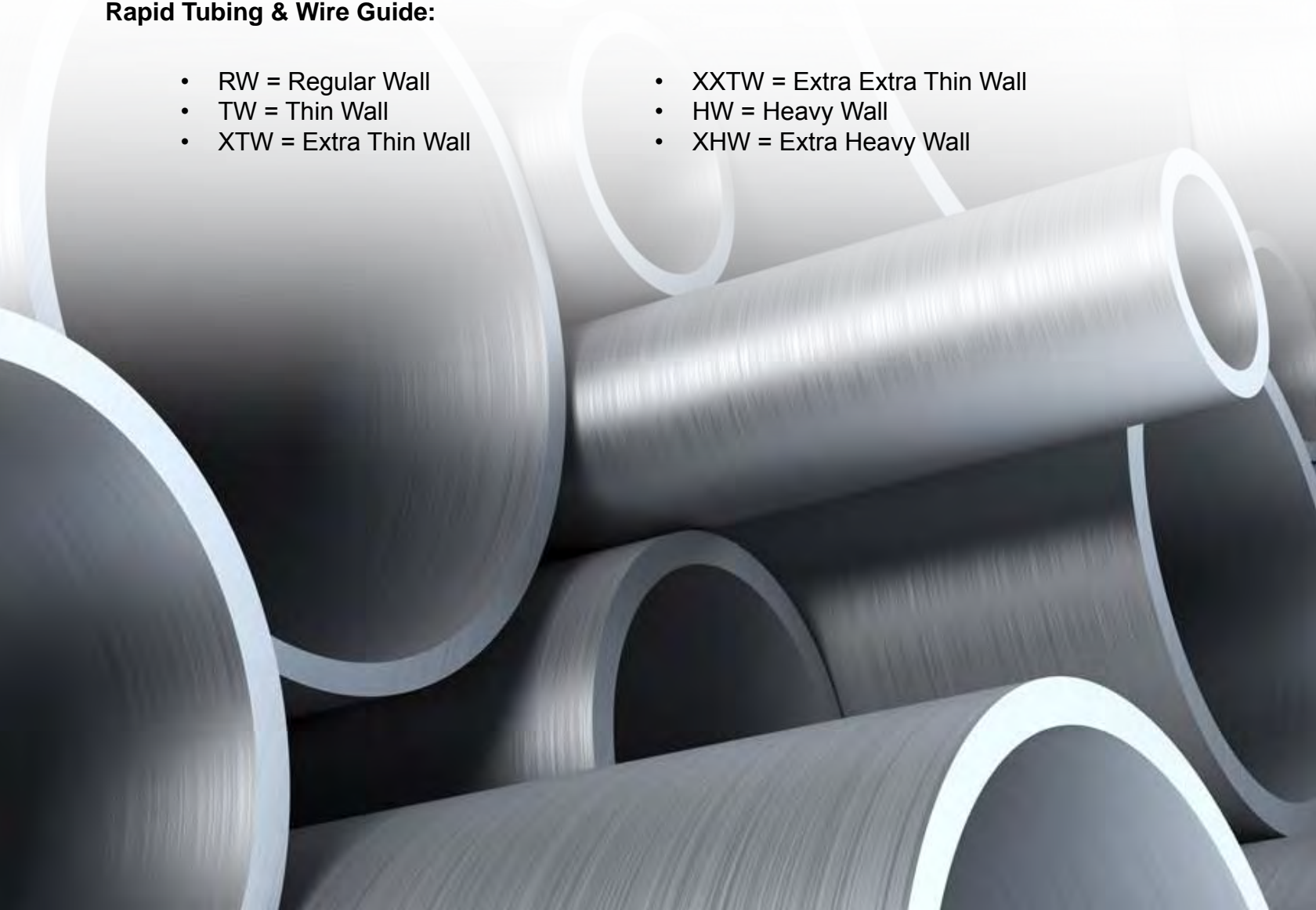
- 304 Stainless Steel Hypodermic Tubing
- 316 Stainless Steel Hypodermic Tubing
- 316 Stainless Steel Capillary Tubing
- 316 Stainless Steel Capillary Tubing - Burr-Free, Precision Cut Ends
- 304 Stainless Steel Wire

Special Tubing Available:

- Fully Annealed
- Seamless
- Passivated
- Electropolished
- Drawn to Specifications
- OEM Tubular Components
- Smooth Bore
- O.D./I.D. Teflon & Ceramic Coating

Rapid Tubing & Wire Guide:

- RW = Regular Wall
- TW = Thin Wall
- XTW = Extra Thin Wall
- XXTW = Extra Extra Thin Wall
- HW = Heavy Wall
- XHW = Extra Heavy Wall



304 Stainless Steel Wire

Cat No.	Nominal O.D.		To Fit Hypotubing Gauge
	Inches	MM	
W-.006	0.006	0.152	27RW
W-.008	0.008	0.203	25RW, 26RW
W-.010	0.01	0.254	24RW, 24TW, 25TW, 26TW
W-.014	0.014	0.356	22RW, 23TW
W-.018	0.018	0.457	21RW, 22TW
W-.019	0.019	0.483	20RW, 21TW, 21RW
W-.020	0.02	0.508	20RW, 21TW, 21RW
W-.021	0.021	0.533	20RW, 21TW
W-.023	0.023	0.584	20TW
W-.025	0.025	0.635	18RW, 19TW
W-.026	0.026	0.66	18RW, 19TW
W-.030	0.03	0.762	18RW, 19TW
W-.033	0.033	0.838	18TW
W-.035	0.035	0.889	18TW
W-.038	0.038	0.965	17RW, 18XTW
W-.040	0.04	1.016	17RW, 18XTW
W-.042	0.042	1.067	16RW
W-.0435	0.0435	1.105	16RW
W-.045	0.045	1.143	17TW
W-.0475	0.0475	1.207	15RW, 16TW
W-.050	0.05	1.27	15RW, 16TW
W-.052	0.052	1.321	15TW
W-.0583	0.0583	1.481	15TW
W-.061	0.061	1.549	14RW
W-.065	0.065	1.651	14TW
W-.068	0.068	1.727	13RW
W-.071	0.071	1.803	13TW
W-.081	0.081	2.057	13TW
W-.083	0.083	2.108	12RW
W-.085	0.085	2.159	12TW
W-.090	0.09	2.286	11RW
W-.095	0.095	2.413	11TW
W-.103	0.103	2.616	10RW
W-.114	0.114	2.896	9RW, 10TW

Quick turnaround for new product development is enabled by Cadence's large stock of tubing and wire.

304 Stainless Steel Wire
Full Hard, Spring Temper
(Supplied in 4' Lengths)

Solid Stylet Wire

This solid stylet wire features type 304 stainless steel, bare bright finish, hand drawn passivated and straightened. Some of the sizes fit our hypodermic tubing as indicated on the solid stylet wire table. Stylet wire is stocked in 4 foot lengths.



RAPID TUBING & WIRE

304 Stainless Steel

#3 Temper - Full Hard (Supplied in 5' Lengths)

Conforms to ISO 9626 Specifications

304 Stainless Steel Hypodermic Tubing

RAPID TUBING
& WIRE

Cat No.	Gauge	Nominal O.D.		O.D. Range Inches	Nom. Wall Inches	Nominal I.D.		I.D. Range Inches
		Inches	MM			Inches	MM	
T-06RW	6RW	0.203	5.16	0.2020 - 0.2040	0.015	0.173	4.39	0.1700 - 0.1760
T-06.5RW	6.5RW	0.188	4.78	0.1870 - 0.1890	0.01	0.168	4.27	0.1650 - 0.1710
T-07RW	7RW	0.18	4.57	0.1790 - 0.1810	0.015	0.15	3.81	0.1470 - 0.1530
T-07.5RW	7.5RW	0.172	4.37	0.1710 - 0.1730	0.011	0.15	3.81	0.1470 - 0.1530
T-08RW	8RW	0.165	4.19	0.1640 - 0.1660	0.015	0.135	3.43	0.1320 - 0.1380
T-08.5RW	8.5RW	0.156	3.96	0.1550 - 0.1570	0.01	0.136	3.45	0.1330 - 0.1390
T-09RW	9RW	0.148	3.76	0.1470 - 0.1490	0.015	0.118	3	0.1150 - 0.1210
T-09.5RW	9.5RW	0.141	3.58	0.1400 - 0.1420	0.011	0.119	3.02	0.1170 - 0.1210
T-10RW	10RW	0.134	3.4	0.1330 - 0.1350	0.014	0.106	2.69	0.1040 - 0.1080
T-10TW	10TW	0.134	3.4	0.1330 - 0.1350	0.01	0.114	2.9	0.1120 - 0.1160
T-10XTW	10XTW	0.134	3.4	0.1330 - 0.1350	0.008	0.118	3	0.1160 - 0.1200
T-10.5RW	10.5RW	0.126	3.2	0.1250 - 0.1270	0.01	0.106	2.69	0.1040 - 0.1080
T-11RW	11RW	0.12	3.05	0.1190 - 0.1210	0.013	0.094	2.39	0.0920 - 0.0960
T-11TW	11TW	0.12	3.05	0.1190 - 0.1210	0.01	0.1	2.54	0.0980 - 0.1020
T-11.5RW	11.5RW	0.115	2.92	0.1140 - 0.1160	0.01	0.0945	2.4	0.0930 - 0.0960
T-12RW	12RW	0.109	2.77	0.1080 - 0.1100	0.012	0.085	2.16	0.0830 - 0.0870
T-12TW	12TW	0.109	2.77	0.1080 - 0.1100	0.009	0.091	2.31	0.0890 - 0.0930
T-12.5RW	12.5RW	0.1	2.54	0.0990 - 0.1010	0.009	0.082	2.08	0.0800 - 0.0840
T-13RW	13RW	0.095	2.41	0.0940 - 0.0960	0.012	0.071	1.8	0.0690 - 0.0730
T-13TW	13TW	0.095	2.41	0.0940 - 0.0960	0.009	0.077	1.96	0.0750 - 0.0790
T-13HW	13HW	0.095	2.41	0.0940 - 0.0960	0.015	0.065	1.65	0.0640 - 0.0660
T-13.5RW	13.5RW	0.089	2.26	0.0880 - 0.0900	0.009	0.071	1.8	0.0690 - 0.0730
T-14RW	14RW	0.083	2.11	0.0820 - 0.0840	0.01	0.063	1.6	0.0610 - 0.0650
T-14TW	14TW	0.083	2.11	0.0820 - 0.0840	0.008	0.067	1.71	0.0660 - 0.0685
T-14XTW	14XTW	0.083	2.11	0.0820 - 0.0840	0.0055	0.072	1.83	0.0710 - 0.0730
T-14.5RW	14.5RW	0.078	1.98	0.0770 - 0.0790	0.007	0.063	1.6	0.0620 - 0.0640
T-15RW	15RW	0.072	1.83	0.0715 - 0.0725	0.009	0.054	1.37	0.0525 - 0.0555
T-15TW	15TW	0.072	1.83	0.0715 - 0.0725	0.006	0.061	1.54	0.0595 - 0.0615
T-15XTW	15XTW	0.072	1.83	0.0715 - 0.0725	0.005	0.063	1.6	0.0615 - 0.0635
T-15HW	15HW	0.072	1.83	0.0715 - 0.0725	0.011	0.05	1.27	0.0480 - 0.0520
T-15.5RW	15.5RW	0.068	1.73	0.0675 - 0.0685	0.007	0.054	1.37	0.0525 - 0.0555
T-16RW	16RW	0.065	1.65	0.0645 - 0.0655	0.009	0.047	1.19	0.0455 - 0.0485
T-16TW	16TW	0.065	1.65	0.0645 - 0.0655	0.006	0.054	1.36	0.0525 - 0.0545
T-16XTW	16XTW	0.065	1.65	0.0645 - 0.0655	0.005	0.056	1.42	0.0545 - 0.0565
T-16HW	16HW	0.065	1.65	0.0645 - 0.0655	0.016	0.033	0.84	0.0310 - 0.0350
T-16.5RW	16.5RW	0.062	1.57	0.0615 - 0.0625	0.005	0.052	1.32	0.0505 - 0.0535
T-17RW	17RW	0.058	1.47	0.0575 - 0.0585	0.008	0.042	1.07	0.0405 - 0.0435
T-17TW	17TW	0.058	1.47	0.0575 - 0.0585	0.005	0.048	1.21	0.0465 - 0.0485
T-17XTW	17XTW	0.058	1.47	0.0575 - 0.0585	0.004	0.05	1.27	0.0490 - 0.0510

RAPID TUBING & WIRE

304 Stainless Steel Hypodermic Tubing (Continued)

Cat No.	Gauge	Nominal O.D.		O.D. Range Inches	Nom. Wall Inches	Nominal I.D.		I.D. Range Inches
		Inches	MM			Inches	MM	
T-17.5RW	17.5RW	0.056	1.42	0.0555 - 0.0565	0.004	0.046	1.17	0.0450 - 0.0470
T-18RW	18RW	0.05	1.27	0.0495 - 0.0505	0.0085	0.033	0.84	0.0315 - 0.0345
T-18TW	18TW	0.05	1.27	0.0495 - 0.0505	0.006	0.039	0.98	0.0375 - 0.0395
T-18XTW	18XTW	0.05	1.27	0.0495 - 0.0505	0.004	0.042	1.07	0.0410 - 0.0430
T-18HW	18HW	0.05	1.27	0.0495 - 0.0505	0.01	0.03	0.76	0.0280 - 0.0320
T-18.5RW	18.5RW	0.046	1.17	0.0455 - 0.0465	0.006	0.034	0.86	0.0325 - 0.0355
T-19RW	19RW	0.042	1.07	0.0415 - 0.0425	0.0075	0.027	0.69	0.0255 - 0.0285
T-19TW	19TW	0.042	1.07	0.0415 - 0.0425	0.005	0.033	0.83	0.0315 - 0.0335
T-19XTW	19XTW	0.042	1.07	0.0415 - 0.0425	0.0035	0.035	0.89	0.0340 - 0.0360
T-19XXTW	19XXTW	0.042	1.07	0.0415 - 0.0425	0.0025	0.037	0.94	0.0360 - 0.0380
T-19HW	19HW	0.042	1.07	0.0415 - 0.0425	0.01	0.022	0.56	0.0200 - 0.0240
T-19.5RW	19.5RW	0.039	0.99	0.0385 - 0.0395	0.006	0.027	0.69	0.0255 - 0.0285
T-20RW	20RW	0.036	0.91	0.0355 - 0.0360	0.006	0.024	0.6	0.0230 - 0.0245
T-20TW	20TW	0.036	0.91	0.0355 - 0.0360	0.005	0.026	0.67	0.0255 - 0.0270
T-20XTW	20XTW	0.036	0.91	0.0355 - 0.0360	0.004	0.028	0.7	0.0270 - 0.0285
T-20XXTW	20XXTW	0.036	0.91	0.0355 - 0.0360	0.006	0.024	0.6	0.0230 - 0.0245
T-20.5RW	20.5RW	0.0343	0.87	0.0340 - 0.0345	0.004	0.0265	0.67	0.0255 - 0.0275
T-21RW	21RW	0.032	0.82	0.0320 - 0.0325	0.006	0.02	0.51	0.0195 - 0.0210
T-21TW	21TW	0.032	0.82	0.0320 - 0.0325	0.0045	0.023	0.59	0.0225 - 0.0240
T-21XTW	21XTW	0.032	0.82	0.0320 - 0.0325	0.0035	0.025	0.64	0.0245 - 0.0260
T-21XXTW	21XXTW	0.032	0.82	0.0320 - 0.0325	0.0025	0.027	0.69	0.0265 - 0.0280
T-21HW	21HW	0.032	0.82	0.0320 - 0.0325	0.008	0.017	0.43	0.0150 - 0.0180
T-21.5RW	21.5RW	0.0303	0.77	0.0300 - 0.0305	0.0035	0.0238	0.6	0.0230 - 0.0245
T-22RW	22RW	0.028	0.72	0.0280 - 0.0285	0.006	0.016	0.41	0.0155 - 0.0170
T-22TW	22TW	0.028	0.72	0.0280 - 0.0285	0.004	0.02	0.5	0.0190 - 0.0205
T-22XTW	22XTW	0.028	0.72	0.0280 - 0.0285	0.003	0.022	0.57	0.0215 - 0.0230
T-22XXTW	22XXTW	0.028	0.72	0.0280 - 0.0285	0.002	0.024	0.6	0.0235 - 0.0250
T-22XHW	22XHW	0.028	0.72	0.0280 - 0.0285	0.014	0.0048	0.12	0.0005 - 0.0090
T-22.5RW	22.5RW	0.0263	0.67	0.0260 - 0.0265	0.003	0.0203	0.52	0.0195 - 0.0210
T-23RW	23RW	0.025	0.64	0.0250 - 0.0255	0.006	0.013	0.34	0.0125 - 0.0140
T-23TW	23TW	0.025	0.64	0.0250 - 0.0255	0.004	0.017	0.44	0.0165 - 0.0180
T-23XTW	23XTW	0.025	0.64	0.0250 - 0.0255	0.002	0.021	0.54	0.0205 - 0.0220
T-23XXTW	23XXTW	0.025	0.64	0.0250 - 0.0255	0.003	0.019	0.48	0.0185 - 0.0200
T-23.5RW	23.5RW	0.0233	0.59	0.0230 - 0.0235	0.003	0.0173	0.44	0.0165 - 0.0180
T-24RW	24RW	0.022	0.57	0.0220 - 0.0225	0.005	0.012	0.31	0.0115 - 0.0130
T-24TW	24TW	0.022	0.57	0.0220 - 0.0225	0.004	0.015	0.37	0.0135 - 0.0155
T-24XTW	24XTW	0.022	0.57	0.0220 - 0.0225	0.003	0.016	0.41	0.0155 - 0.0170

RAPID TUBING & WIRE

RAPID TUBING & WIRE

304 Stainless Steel Hypodermic Tubing (Continued)

Cat No.	Gauge	Nominal O.D.		O.D. Range Inches	Nom. Wall Inches	Nominal I.D.		I.D. Range Inches
		Inches	MM			Inches	MM	
T-24XXTW	24XXTW	0.022	0.57	0.0220 - 0.0225	0.002	0.018	0.46	0.0175 - 0.0190
T-24.5RW	24.5RW	0.0213	0.54	0.0210 - 0.0215	0.002	0.0163	0.41	0.0155 - 0.0170
T-25RW	25RW	0.02	0.51	0.0200 - 0.0205	0.005	0.01	0.26	0.0095 - 0.0110
T-25TW	25TW	0.02	0.51	0.0200 - 0.0205	0.004	0.012	0.31	0.0115 - 0.0130
T-25XTW	25XTW	0.02	0.51	0.0200 - 0.0205	0.003	0.014	0.36	0.0135 - 0.0150
T-25XXTW	25XXTW	0.02	0.51	0.0200 - 0.0205	0.002	0.016	0.41	0.0155 - 0.0170
T-25.5RW	25.5RW	0.0193	0.49	0.0190 - 0.0195	0.002	0.0143	0.36	0.0135 - 0.0150
T-26RW	26RW	0.018	0.46	0.0180 - 0.0185	0.004	0.01	0.26	0.0095 - 0.0110
T-26TW	26TW	0.018	0.46	0.0180 - 0.0185	0.003	0.0123	0.31	0.0115 - 0.0130
T-27RW	27RW	0.016	0.41	0.0160 - 0.0165	0.004	0.008	0.21	0.0075 - 0.0090
T-28RW	28RW	0.014	0.36	0.0140 - 0.0145	0.0035	0.007	0.18	0.0065 - 0.0080
T-29RW	29RW	0.013	0.34	0.0130 - 0.0135	0.003	0.007	0.18	0.0065 - 0.0080
T-30RW	30RW	0.012	0.31	0.0120 - 0.0125	0.003	0.006	0.16	0.0055 - 0.0070
T-31RW	31RW	0.01	0.26	0.0100 - 0.0105	0.0025	0.005	0.12	0.0040 - 0.0055
T-32RW	32RW	0.009	0.23	0.0090 - 0.0095	0.0025	0.004	0.11	0.0035 - 0.0050
T-33RW	33RW	0.0083	0.21	0.0080 - 0.0085	0.002	0.0043	0.11	0.0035 - 0.0050
T-34RW	34RW	0.0073	0.19	0.0070 - 0.0075	0.002	0.0033	0.08	0.0025 - 0.0040

316 Stainless Steel Hypodermic Tubing

316 Stainless Steel Hypodermic Tubing #3 Temper - Full Hard (Supplied in 5' Lengths)

Cat No.	Gauge	Nominal O.D.		O.D. Range Inches	Nom. Wall Inches	Nominal I.D.		I.D. Range Inches
		Inches	MM			Inches	MM	
T-12-316	12RW	0.109	2.77	0.1080 - 0.1100	0.012	0.085	2.16	0.0830 - 0.0870
T-13-316	13RW	0.095	2.41	0.0940 - 0.0960	0.012	0.071	1.8	0.0690 - 0.0730
T-14-316	14RW	0.083	2.11	0.0820 - 0.0840	0.01	0.063	1.6	0.0610 - 0.0650
T-15-316	15RW	0.072	1.83	0.0715 - 0.0725	0.009	0.054	1.37	0.0525 - 0.0555
T-16-316	16RW	0.065	1.65	0.0645 - 0.0655	0.009	0.047	1.19	0.0455 - 0.0485
T-17-316	17RW	0.058	1.47	0.0575 - 0.0585	0.008	0.042	1.07	0.0405 - 0.0435
T-18-316	18RW	0.05	1.27	0.0495 - 0.0505	0.0085	0.033	0.84	0.0315 - 0.0345
T-19-316	19RW	0.042	1.07	0.0415 - 0.0425	0.0075	0.027	0.69	0.0255 - 0.0285
T-20-316	20RW	0.036	0.91	0.0355 - 0.0360	0.006	0.024	0.6	0.0230 - 0.0245
T-21-316	21RW	0.032	0.82	0.0320 - 0.0325	0.006	0.02	0.51	0.0195 - 0.0210
T-22-316	22RW	0.028	0.72	0.0280 - 0.0285	0.006	0.016	0.41	0.0155 - 0.0170
T-23-316	23RW	0.025	0.64	0.0250 - 0.0255	0.006	0.013	0.34	0.0125 - 0.0140
T-24-316	24RW	0.022	0.57	0.0220 - 0.0225	0.005	0.012	0.31	0.0115 - 0.0130
T-25-316	25RW	0.02	0.51	0.0200 - 0.0205	0.005	0.01	0.26	0.0095 - 0.0110

316 Stainless Steel Capillary Tubing - Burr-Free, Precision Cut Ends

Cat No.	Cap Color	Description
9530	Red	0.005" I.D. X 0.062" O.D. X 5cm
9531	Red	0.005" I.D. X 0.062" O.D. X 10cm
9532	Red	0.005" I.D. X 0.062" O.D. X 20cm
9533	Red	0.005" I.D. X 0.062" O.D. X 30cm
9536	Black	0.007" I.D. X 0.062" O.D. X 5cm
9537	Black	0.007" I.D. X 0.062" O.D. X 10cm
9538	Black	0.007" I.D. X 0.062" O.D. X 20cm
9539	Black	0.007" I.D. X 0.062" O.D. X 30cm
9542	Blue	0.01" I.D. X 0.062" O.D. X 5cm
9543	Blue	0.01" I.D. X 0.062" O.D. X 10cm
9544	Blue	0.01" I.D. X 0.062" O.D. X 20cm
9545	Blue	0.01" I.D. X 0.062" O.D. X 30cm
9548	Yellow	0.02" I.D. X 0.062" O.D. X 5cm
9549	Yellow	0.02" I.D. X 0.062" O.D. X 10cm
9550	Yellow	0.02" I.D. X 0.062" O.D. X 20cm
9551	Yellow	0.02" I.D. X 0.062" O.D. X 30cm
9554	White	0.03" I.D. X 0.062" O.D. X 5cm
9555	White	0.03" I.D. X 0.062" O.D. X 10cm
9556	White	0.03" I.D. X 0.062" O.D. X 20cm
9557	White	0.03" I.D. X 0.062" O.D. X 30cm
9560	Green	0.04" I.D. X 0.062" O.D. X 5cm
9561	Green	0.04" I.D. X 0.062" O.D. X 10cm
9562	Green	0.04" I.D. X 0.062" O.D. X 20cm
9563	Green	0.04" I.D. X 0.062" O.D. X 30cm

316 Stainless Steel Capillary Tubing - Burr-Free, Precision Cut Ends 1/16" O.D. Capillary Tubing (Supplied in 5' Lengths)

Fully Annealed Seamless Tubing

- Precision, square and burr-free cut
- Ultrasonically cleaned and passivated with final flow-through-I.D.-flush
- Color-coded caps for I.D. size identification
- Packaged one to a bag



316 Stainless Steel Capillary Tubing

Cat No.	Nominal O.D.		Nominal I.D.	
	Inches	MM	Inches	MM
T-.005-316	0.062	1.57	0.005	0.127
T-.007-316	0.062	1.57	0.007	0.178
T-.010-316	0.062	1.57	0.01	0.254
T-.020-316	0.062	1.57	0.02	0.508
T-.030-316	0.062	1.57	0.03	0.762
T-.040-316	0.062	1.57	0.04	1.016

316 Stainless Steel Capillary Tubing .062" (1/16") O.D. - Fully Annealed, Seamless Tubing (Supplied in 5' Lengths)

Custom OEM Solutions

The business now known as Cadence, Inc. began in 1985 as Specialty Blades to address the needs of industries, original surgical manufacturers, and medical design engineers who required high performance, razor sharp custom-made cutting blades. The Cadence name now represents a premier metals manufacturing company. Cadence is located in Staunton, Virginia with a second manufacturing facility in Cranston, Rhode Island.

In addition to our standard **Cadence Science®** product line, Cadence is also a leading provider of manufacturing and turn-key solutions for custom design challenges. By utilizing our extensive body of knowledge relating to specialty needles and tube fabrication, we are able to custom-fit our standard products to unique applications, as well as to undertake the custom manufacturing of complex OEM products.





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