

METRIC HYPODERMIC TUBING SIZES

All dimensions in millimeters

Gage Size	Outside Diameter		Nom. Wall	Inside Diameter		
	Nom.	Range		Nom.	Range	
6	RW	5.15	5.13/5.18	.381	4.39	4.32/4.47
7	RW	4.57	4.57/4.60	.381	3.81	3.73/3.89
8	RW	4.19	4.17/4.22	.381	3.43	3.35/3.51
9	RW	3.76	3.74/3.78	.381	3.00	2.92/3.07
10	RW	3.40	3.38/3.43	.356	2.69	2.64/2.74
11	RW	3.05	3.02/3.07	.330	2.39	2.34/2.44
	TW	3.05	3.02/3.07	.254	2.54	2.49/2.59
12	RW	2.77	2.74/2.79	.305	2.16	2.11/2.21
	TW	2.77	2.74/2.79	.229	2.31	2.26/2.36
13	RW	2.41	2.39/2.44	.305	1.80	1.75/1.85
	TW	2.41	2.39/2.44	.229	1.96	1.91/2.01
	XTW	2.41	2.39/2.44	.127	2.16	2.11/2.21
14	RW	2.11	2.08/2.13	.254	1.60	1.55/1.65
	TW	2.11	2.08/2.13	.203	1.70	1.68/1.74
	XTW	2.11	2.08/2.13	.140	1.83	1.80/1.85
15	RW	1.83	1.82/1.84	.229	1.37	1.33/1.41
	TW	1.83	1.82/1.84	.152	1.52	1.51/1.56
	XTW	1.83	1.82/1.84	.114	1.59	1.56/1.62
16	RW	1.65	1.64/1.66	.229	1.19	1.16/1.23
	TW	1.65	1.64/1.66	.152	1.36	1.33/1.38
	XTW	1.65	1.64/1.66	.114	1.41	1.38/1.44
17	RW	1.47	1.46/1.49	.203	1.07	1.03/1.10
	TW	1.47	1.46/1.49	.127	1.21	1.18/1.23
	XTW	1.47	1.46/1.49	.102	1.27	1.24/1.30
18	RW	1.27	1.26/1.28	.216	0.84	0.80/0.88
	TW	1.27	1.26/1.28	.152	0.98	0.95/1.00
	XTW	1.27	1.26/1.28	.101	1.07	1.04/1.09
19	RW	1.07	1.05/1.08	.191	0.69	0.65/0.72
	TW	1.07	1.05/1.08	.127	0.81	0.80/0.85
	XTW	1.07	1.05/1.08	.089	0.89	0.86/0.91
20	RW	0.91	0.90/0.91	.152	0.61	0.58/0.62
	TW	0.91	0.90/0.91	.127	0.66	0.65/0.69
	XTW	0.91	0.90/0.91	.100	0.71	0.69/0.72
21	RW	0.81	0.81/0.83	.152	0.51	0.50/0.53
	TW	0.81	0.81/0.83	.114	0.58	0.57/0.61
	XTW	0.81	0.81/0.83	.089	0.64	0.62/0.66
22	RW	0.71	0.71/0.72	.152	0.41	0.39/0.43
	TW	0.71	0.71/0.72	.102	0.51	0.48/0.52
	XTW	0.71	0.71/0.72	.075	0.56	0.55/0.58
23	RW	0.64	0.64/0.65	.152	0.33	0.32/0.36
	TW	0.64	0.64/0.65	.102	0.43	0.42/0.46
	XTW	0.64	0.64/0.65	.075	0.48	0.47/0.51
24	RW	0.56	0.56/0.57	.127	0.31	0.29/0.33
	TW	0.56	0.56/0.57	.102	0.37	0.34/0.39
	XTW	0.56	0.56/0.57	.075	0.41	0.39/0.43
25	RW	0.51	0.51/0.52	.127	0.25	0.24/0.28
	TW	0.51	0.51/0.52	.102	0.31	0.29/0.33
	XTW	0.51	0.51/0.52	.075	0.36	0.34/0.38
26	RW	0.46	0.46/0.47	.102	0.25	0.24/0.28
	TW	0.46	0.46/0.47	.076	0.31	0.29/0.34
	XTW	0.46	0.46/0.47	.050	0.36	0.33/0.37
27	RW	0.41	0.41/0.42	.102	0.20	0.19/0.23
	TW	0.41	0.41/0.42	.076	0.25	0.24/0.28
	XTW	0.41	0.41/0.42	.050	0.31	0.29/0.33

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