



MEDICAL METALS

Standard Needle Gage Chart

GAGE	WALL TYPE	OD RANGE	ID RANGE	WALL					
6	RW	.2020-.2040	.1700-.1760	0.015	18	RW	.0495-.0505	.0315-.0345	0.0085
	TW	.2020-.2040	.1800-.1860	0.01		TW	.0495-.0505	.0375-.0395	0.006
7	RW	.1790-.1810	.1470-.1530	0.015	ETW	.0495-.0505	.0410-.0430	0.004	
	TW	.1790-.1810	.1570-.1630	0.01	UTW	.0495-.0505	.0430-.0450	0.003	
8	RW	.1640-.1660	.1320-.1380	0.0155	MTW	.0495-.0505	.0450-.0470	0.002	
	TW	.1640-.1660	.1420-.1480	0.01	19	RW	.0415-.0425	.0255-.0285	0.0075
9	RW	.1470-.1490	.1150-.1210	0.0155		TW	.0415-.0425	.0315-.0335	0.005
	TW	.1470-.1490	.1250-.1310	0.01		ETW	.0415-.0425	.0340-.0360	0.0035
10	RW	.1330-.1350	.1040-.1080	0.014		UTW	.0415-.0425	.0360-.0380	0.0025
	TW	.1330-.1350	.1120-.1160	0.01	MTW	.0415-.0425	.0380-.0400	0.0015	
11	ETW	.1330-.1350	.1160-.1200	0.008	20	RW	.0355-.0360	.0230-.0245	0.006
	UTW	.1330-.1350	.1200-.1240	0.006		TW	.0355-.0360	.0255-.0270	0.005
	MTW	.1330-.1350	.1240-.1280	0.004		ETW	.0355-.0360	.0270-.0285	0.004
	RW	.1190-.1210	.0920-.0960	0.013		UTW	.0355-.0360	.0290-.0305	0.003
12	TW	.1190-.1210	.0980-.1020	0.01	MTW	.0355-.0360	.0310-.0325	0.002	
	ETW	.1190-.1210	.1020-.1060	0.008	21	RW	.0320-.0325	.0195-.0210	0.006
	UTW	.1190-.1210	.1060-.1100	0.006		TW	.0320-.0325	.0225-.0240	0.0045
	MTW	.1190-.1210	.1100-.1140	0.004		ETW	.0320-.0325	.0245-.0260	0.0035
13	RW	.1080-.1100	.0830-.0870	0.012		UTW	.0320-.0325	.0265-.0280	0.0025
	TW	.1080-.1100	.0890-.0930	0.009	MTW	.0320-.0325	.0285-.0300	0.0015	
	ETW	.1080-.1100	.0930-.0970	0.007	22	RW	.0280-.0285	.0155-.0170	0.006
	UTW	.1080-.1100	.0970-.1010	0.005		TW	.0280-.0285	.0190-.0205	0.004
MTW	.1080-.1100	.1010-.1050	0.003	ETW		.0280-.0285	.0215-.0230	0.003	
14	RW	.0940-.0960	.0690-.0730	0.012		UTW	.0280-.0285	.0235-.0250	0.002
	TW	.0940-.0960	.0750-.0790	0.009	MTW	.0280-.0285	.0255-.0270	0.001	
	ETW	.0940-.0960	.0790-.0830	0.007	23	RW	.0250-.0255	.0125-.0140	0.006
	UTW	.0940-.0960	.0830-.0870	0.005		TW	.0250-.0255	.0165-.0180	0.004
MTW	.0940-.0960	.0880-.0920	0.003	ETW		.0250-.0255	.0185-.0200	0.003	
15	RW	.0820-.0840	.0610-.0650	0.01		UTW	.0250-.0255	.0205-.0220	0.002
	TW	.0820-.0840	.0660-.0685	0.008	MTW	.0250-.0255	.0225-.0240	0.001	
	ETW	.0820-.0840	.0710-.0730	0.0055	24	RW	.0220-.0225	.0115-.0130	0.005
	UTW	.0820-.0840	.0730-.0760	0.0045		TW	.0220-.0225	.0135-.0155	0.004
MTW	.0820-.0840	.0760-.0790	0.003	ETW		.0220-.0225	.0155-.0170	0.003	
16	RW	.0715-.0725	.0525-.0555	0.009		UTW	.0220-.0225	.0175-.0190	0.002
	TW	.0715-.0725	.0595-.0615	0.006	MTW	.0220-.0225	.0195-.0210	0.001	
	ETW	.0715-.0725	.0615-.0635	0.005	25	RW	.0200-.0205	.0095-.0110	0.005
	UTW	.0715-.0725	.0635-.0655	0.004		TW	.0200-.0205	.0115-.0130	0.004
MTW	.0715-.0725	.0655-.0675	0.003	ETW		.0200-.0205	.0135-.0150	0.003	
17	RW	.0645-.0655	.0455-.0485	0.009		UTW	.0200-.0205	.0155-.0170	0.002
	TW	.0645-.0655	.0525-.0545	0.006	MTW	.0200-.0205	.0175-.0185	0.001	
	ETW	.0645-.0655	.0545-.0565	0.005	26	RW	.0180-.0185	.0095-.0110	0.004
	UTW	.0645-.0655	.0565-.0585	0.004		TW	.0180-.0185	.0015-.0130	0.003
MTW	.0645-.0655	.0585-.0606	0.003	ETW		.0180-.0185	.0130-.0145	0.002	
18	RW	.0575-.0585	.0405-.0435	0.008		UTW	.0180-.0185	.0145-.0155	0.0015
	TW	.0575-.0585	.0465-.0485	0.005	MTW	.0180-.0185	.0155-.0165	0.001	
	ETW	.0575-.0585	.0490-.0510	0.004	27	RW	.0160-.0165	.0075-.0090	0.004
	UTW	.0575-.0585	.0510-.0530	0.003		TW	.0160-.0165	.0095-.0110	0.003
MTW	.0575-.0585	.0530-.0550	0.002	ETW		.0160-.0165	.0115-.0130	0.002	
				UTW		.0160-.0165	.0130-.0140	0.0015	
				MTW	.0160-.0165	.0140-.0150	0.001		

	RW	.0140-.0145	.0065-.0080	0.0035
	TW	.0140-.0145	.0085-.0100	0.0025
28	ETW	.0140-.0145	.0100-.0110	0.002
	UTW	.0140-.0145	.0110-.0120	0.0015
	MTW	.0140-.0145	.0120-.0130	0.001
	RW	.0130-.0135	.0065-.0080	0.0035
	TW	.0130-.0135	.0080-.0090	0.0025
29	ETW	.0130-.0135	.0090-.0100	0.002
	UTW	.0130-.0135	.0100-.0110	0.0015
	MTW	.0130-.0135	.0110-.0120	0.001
	RW	.0120-.0125	.0055-.0070	0.003
	TW	.0120-.0125	.0070-.0080	0.0025
30	ETW	.0120-.0125	.0080-.0090	0.002
	UTW	.0120-.0125	.0090-.0100	0.0015
	MTW	.0120-.0125	.0100-.0110	0.001
	RW	.0100-.0105	.0040-.0055	0.0025
	TW	.0100-.0105	.0055-.0070	0.002
31	ETW	.0100-.0105	.0070-.0880	0.0015
	UTW	.0100-.0105	.0080-.0090	0.001
	RW	.0090-.0095	.0035-.0050	0.0025
	TW	.0090-.0095	.0050-.0060	0.002
32	ETW	.0090-.0095	.0060-.0070	0.0015
	UTW	.0090-.0095	.0070-.0080	0.001
	RW	.0080-.0085	.0035-.0050	0.002
	TW	.0080-.0085	.0050-.0060	0.0015
33	ETW	.0080-.0085	.0060-.0070	0.001
	RW	.0070-.0075	.0025-.0040	0.002
	TW	.0070-.0075	.0040-.0050	0.0015
34	ETW	.0070-.0075	.0050-.0060	0.001
	RW	.0050-.0055	.0015-.0030	0.0015
	TW	.0055-.0055	.0030-.0040	0.001
35				
	RW	.0040-.0045	.0010-.0020	0.0015
36	TW	.0040-.0045	.0020-.0030	0.001