

REFERENCE CHART—INDUSTRY STANDARD GAUGE SIZES

GAUGE	WALL TYPE	OD RANGE	ID RANGE	WALL
6	RW	.2020-.2040	.1700-.1760	0.0150
	TW	.2020-.2040	.1800-.1860	0.0100
7	RW	.1790-.1810	.1470-.1530	0.0150
	TW	.1790-.1810	.1570-.1630	0.0100
8	RW	.1640-.1660	.1320-.1380	0.0155
	TW	.1640-.1660	.1420-.1480	0.0100
9	RW	.1640-.1660	.1150-.1210	0.0155
	TW	.1640-.1660	.1250-.1310	0.0100
10	RW	.1330-.1350	.1040-.1080	0.0140
	TW	.1330-.1350	.1120-.1160	0.0100
	ETW	.1330-.1350	.1160-.1200	0.0080
	UTW	.1330-.1350	.1200-.1240	0.0060
11	MTW	.1330-.1350	.1240-.1280	0.0040
	RW	.1190-.1210	.0920-.0960	0.0130
	TW	.1190-.1210	.0980-.1020	0.0100
	ETW	.1190-.1210	.1020-.1060	0.0080
12	UTW	.1190-.1210	.1060-.1100	0.0060
	MTW	.1190-.1210	.1100-.1140	0.0040
	RW	.1080-.1100	.0830-.0870	0.0120
	TW	.1080-.1100	.0890-.0930	0.0090
13	ETW	.1080-.1100	.0930-.0970	0.0070
	UTW	.1080-.1100	.0970-.1010	0.0050
	MTW	.1080-.1100	.1010-.1050	0.0030
	RW	.0940-.0960	.0690-.0730	0.0120
14	TW	.0940-.0960	.0750-.0790	0.0090
	ETW	.0940-.0960	.0790-.0830	0.0070
	UTW	.0940-.0960	.0830-.0870	0.0050
	MTW	.0940-.0960	.0880-.0920	0.0030
15	RW	.0820-.0840	.0610-.0650	0.0100
	TW	.0820-.0840	.0660-.0685	0.0080
	ETW	.0820-.0840	.0710-.0730	0.0055
	UTW	.0820-.0840	.0730-.0760	0.0045
16	MTW	.0820-.0840	.0760-.0790	0.0030
	RW	.0715-.0725	.0525-.0555	0.0090
	TW	.0715-.0725	.0595-.0615	0.0060
	ETW	.0715-.0725	.0615-.0635	0.0050
17	UTW	.0715-.0725	.0635-.0655	0.0040
	MTW	.0715-.0725	.0655-.0675	0.0030
	RW	.0645-.0655	.0455-.0485	0.0090
	TW	.0645-.0655	.0525-.0545	0.0060
18	ETW	.0645-.0655	.0545-.0565	0.0050
	UTW	.0645-.0655	.0565-.0585	0.0040
	MTW	.0645-.0655	.0585-.0606	0.0030
	RW	.0575-.0585	.0405-.0435	0.0080
19	TW	.0575-.0585	.0465-.0485	0.0050
	ETW	.0575-.0585	.0490-.0510	0.0040
	UTW	.0575-.0585	.0510-.0530	0.0030
	MTW	.0575-.0585	.0530-.0550	0.0020
20	RW	.0495-.0505	.0315-.0345	0.0085
	TW	.0495-.0505	.0375-.0395	0.0060
	ETW	.0495-.0505	.0410-.0430	0.0040
	UTW	.0495-.0505	.0430-.0450	0.0030
21	MTW	.0495-.0505	.0450-.0470	0.0020
	RW	.0415-.0425	.0255-.0285	0.0075
	TW	.0415-.0425	.0315-.0335	0.0050
	ETW	.0415-.0425	.0340-.0360	0.0035
22	UTW	.0415-.0425	.0360-.0380	0.0025
	MTW	.0415-.0425	.0380-.0400	0.0015
	RW	.0355-.0360	.0230-.0245	0.0060
	TW	.0355-.0360	.0255-.0270	0.0050
23	ETW	.0355-.0360	.0270-.0285	0.0040
	UTW	.0355-.0360	.0290-.0305	0.0030
	MTW	.0355-.0360	.0310-.0325	0.0020

GAUGE	WALL TYPE	OD RANGE	ID RANGE	WALL
21	RW	.0320-.0325	.0195-.0210	0.0060
	TW	.0320-.0325	.0225-.0240	0.0045
	ETW	.0320-.0325	.0245-.0260	0.0035
	UTW	.0320-.0325	.0265-.0280	0.0025
22	MTW	.0320-.0325	.0285-.0300	0.0015
	RW	.0280-.0285	.0155-.0170	0.0060
	TW	.0280-.0285	.019-.02050	.0040
	ETW	.0280-.0285	.0215-.0230	0.0030
23	UTW	.0280-.0285	.0235-.0250	0.0020
	MTW	.0280-.0285	.0255-.0270	0.0010
	RW	.0250-.0255	.0125-.0140	0.0060
	TW	.0250-.0255	.0165-.0180	.0040
24	ETW	.0250-.0255	.0185-.0200	0.0030
	UTW	.0250-.0255	.0205-.0220	0.0020
	MTW	.0250-.0255	.0225-.0240	0.0010
	RW	.0220-.0225	.0115-.0130	0.0050
25	TW	.0220-.0225	.0135-.0155	0.0040
	ETW	.0220-.0225	.0155-.0170	0.0030
	UTW	.0220-.0225	.0175-.0190	0.0020
	MTW	.0220-.0225	.0195-.0210	0.0010
26	RW	.0200-.0205	.0095-.0110	0.0050
	TW	.0200-.0205	.0115-.0130	0.0040
	ETW	.0200-.0205	.0135-.0150	0.0030
	UTW	.0200-.0205	.0155-.0170	0.0020
27	MTW	.0200-.0205	.0175-.0185	0.0010
	RW	.0180-.0185	.0095-.0110	0.0040
	TW	.0180-.0185	.0115-.0130	0.0030
	ETW	.0180-.0185	.0130-.0145	0.0020
28	UTW	.0180-.0185	.0145-.0155	0.0015
	MTW	.0180-.0185	.0155-.0165	0.0010
	RW	.0160-.0165	.0075-.0090	0.0040
	TW	.0160-.0165	.0095-.0110	0.0030
29	ETW	.0160-.0165	.0115-.0130	0.0020
	UTW	.0160-.0165	.0130-.0140	0.0015
	MTW	.0160-.0165	.0140-.0150	0.0010
	RW	0.140-.0145	.0065-.0080	0.0035
30	TW	0.140-.0145	.0085-.0100	0.0025
	ETW	0.140-.0145	.0100-.0110	0.0020
	UTW	0.140-.0145	.0110-.0120	0.0015
	MTW	0.140-.0145	.0120-.0130	0.0010
31	RW	.0130-.0135	.0065-.0080	0.0035
	TW	.0130-.0135	.0080-.0090	0.0025
	ETW	.0130-.0135	.0090-.0100	0.0020
	UTW	.0130-.0135	.0100-.0110	0.0015
32	MTW	.0130-.0135	.0110-.0120	0.0010
	RW	.0120-.0125	.0055-.0070	0.0030
	TW	.0120-.0125	.0070-.0080	0.0025
	ETW	.0120-.0125	.0080-.0090	0.0020
33	UTW	.0120-.0125	.0090-.0100	0.0015
	MTW	.0120-.0125	.0100-.0110	0.0010
	RW	.0100-.0105	.0040-.0055	0.0025
	TW	.0100-.0105	.0055-.0070	0.0020
34	ETW	.0100-.0105	.0070-.0880	0.0015
	UTW	.0100-.0105	.0080-.0090	0.0010
	RW	.0090-.0095	.0035-.0050	0.0025
	TW	.0090-.0095	.0050-.0060	0.0020
35	ETW	.0090-.0095	.0060-.0070	0.0015
	UTW	.0090-.0095	.0070-.0080	0.0010
	RW	.0080-.0085	.0035-.0050	0.0020
	TW	.0080-.0085	.0050-.0060	0.0015
36	ETW	.0080-.0085	.0060-.0070	0.0010
	RW	.0070-.0075	.0025-.0040	0.0020
	TW	.0070-.0075	.0040-.0050	0.0015
	ETW	.0070-.0075	.0050-.0060	0.0010
37	RW	.0050-.0055	.0015-.0030	0.0015
	TW	.0055-.0055	.0030-.0040	0.0010
38	RW	.0040-.0045	.0010-.0020	0.0015
	TW	.0040-.0045	.0020-.0030	0.0010

*Custom sizes available upon request

RW - REG WALL	UTW - ULTRA THIN WALL	ETW - EXTRA THIN WALL
TW - THIN WALL	MTW - MICRO THIN WALL	

CHOICES

ALLOY CHOICES

304, 304L, 316, 316L, 321, 17-7PH, 430, I-625

* Others available upon request

PROCESS AND SURFACE FINISH CHOICES

Welded and drawn

Plug drawn/mandrel drawn

Homogenous tubing (HT)

Surface finish requirements tailored to meet your specifications

RA/RQ

MECHANICAL PROPERTY CHOICES (Specify range or value.)

Fully annealed to cold worked, hard condition

- Tensile
 - Yield, elongation
 - Hardness: Rockwell B or C
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FINISHED TUBE LENGTH CHOICES

Coil

Footage - up to 20'

Cuts

CUT TYPE CHOICES

Shear - closed end

Electrolytic - 100% open end/burr free with slight radius

Abrasive - 100% open end

Laser - 100% open end/burr free

Score break - 70-90% open end

CLEANING CHOICES

Standard rinse

Ultrasonic

Passivation

Flush

Chemical

DELIVERY CHOICES

Standard

Expedited

QRM - Quick Response Manufacturing
