

standard wall tubing

All quantities and weights are approximate.

Length on tubing from 2mm through 178mm OD tubing is 48 inches long (± 1/4 inch) except where specified.

Length on tubing from 180mm through 220mm OD and up is 59 inches long (± 1/4 inch).

Easy cross-reference for glass tubing and rod.

Read down the middle of the table for the size.

Corning (PYREX®) items are on the left, **Kimble (KIMAX®)** items are on the right.

PYREX® brand							Size (O.D.) mm	KIMAX® brand						
Corning #	Ends	Total Var. O.D. ± mm	Wall mm	Total Var. Wall ± mm	Qty./ Case	Lbs./ Case		Kimble #	Ends	Tol. on O.D. ± mm	Wall mm	Tol. on Wall ± mm	Qty./ Case	Lbs./ Case
234030	Cut	.2	.6	.1	551	15	3	80200-3	Cut	.2	.6	.1	550	15
234040	Cut	.3	.8	.1	520	25	4	80200-4	Cut	.3	.8	.1	520	25
234050	Fire Polished	.3	.8	.1	390	25	5	80200-5	Cut	.3	.8	.1	390	25
234060	Fire Polished	.3	1.0	.1	271	25	6	80200-6	Glazed	.3	1.0	.1	270	25
234070	Fire Polished	.3	1.0	.1	223	25	7	80200-7	Glazed	.3	1.0	.1	220	25
234080	Fire Polished	.3	1.0	.1	189	25	8	80200-8	Glazed	.4	1.0	.1	190	25
234090	Fire Polished	.3	1.0	.1	164	25	9	80200-9	Glazed	.4	1.0	.1	165	25
234100	Fire Polished	.3	1.0	.1	148	25	10	80200-10	Glazed	.4	1.0	.1	150	25
234110	Fire Polished	.3	1.0	.1	132	25	11	80200-11	Glazed	.4	1.0	.1	135	25
234120	Fire Polished	.3	1.0	.1	120	25	12	80200-12	Glazed	.4	1.0	.1	120	25
234130	Fire Polished	.3	1.2	.1	93	25	13	80200-13	Glazed	.4	1.2	.1	95	25
234140	Fire Polished	.3	1.2	.1	86	25	14	80200-14	Glazed	.4	1.2	.1	87	25
234150	Fire Polished	.3	1.2	.1	80	25	15	80200-15	Glazed	.25	1.2	.1	80	25
234160	Fire Polished	.3	1.2	.1	75	25	16	80200-16	Glazed	.25	1.2	.1	75	25
234170	Fire Polished	.3	1.2	.1	70	25	17	80200-17	Glazed	.25	1.2	.1	71	25
234180	Fire Polished	.3	1.2	.1	65	25	18	80200-18	Glazed	.25	1.2	.1	65	25
234190	Fire Polished	.3	1.2	.1	62	25	19	80200-19	Glazed	.25	1.2	.1	60	25
234200	Fire Polished	.4	1.2	.1	58	25	20	80200-20	Glazed	.25	1.2	.1	60	25
234220	Fire Polished	.4	1.5	.2	43	25	22	80200-22	Glazed	.25	1.5	.2	45	25
234250	Fire Polished	.4	1.5	.2	37	25	25	80200-25	Glazed	.6	1.5	.2	48	32
234280	Fire Polished	.4	1.5	.2	33	25	28	80200-28	Glazed	.7	1.5	.2	42	31
234300	Fire Polished	.7	1.8	.2	26	25	30	80200-30	Glazed	.7	1.8	.2	36	34
234320	Fire Polished	.7	1.8	.2	24	25	32	80200-32	Glazed	.8	1.8	.2	30	31
234350	Cut	.37	2.0	.2	20	25	35	80200-35	Cut	.8	2.0	.2	24	30
234380	Trimmed & Glazed	.37	2.0	.2	18	25	38	80200-38	Cut	.9	2.0	.2	24	33
234410	Trimmed & Glazed	.9	2.0	.2	16	25	41	80200-41	Cut	.9	2.0	.2	24	36
234450	Trimmed & Glazed	1.0	2.0	.2	15	25	45	80200-45	Cut	1.0	2.0	.2	20	33
234480	Trimmed & Glazed	1.0	2.0	.2	14	25	48	80200-48	Cut	1.0	2.0	.2	21	34
234510	Trimmed & Glazed	1.0	2.0	.2	13	25	51	80200-51	Cut	1.0	2.0	.2	20	37

All weights and quantities are approximate.

www.macbicnj.com

UPS Box Charge Applies

Phone: 856.825.3222 • Toll Free: 800.257.8405 • Fax: 856.825.3375

Website: www.macbicnj.com • Email: info@macbicnj.com

standard wall tubing cont.

All quantities and weights are approximate.

Length on all tubing and rod is 48 inches long ($\pm 1/4$ inch) except where specified.

Easy cross-reference for glass tubing and rod.

Read down the middle of the table for the size.

Corning (PYREX®) items are on the left, **Kimble (KIMAX®)** items are on the right.

PYREX® brand							Size (O.D.) mm	KIMAX® brand						
Corning #	Ends	Total Var. O.D. \pm mm	Wall mm	Total Var. Wall \pm mm	Qty./ Case	Lbs./ Case		Kimble #	Ends	Tol. on O.D. \pm mm	Wall mm	Tol. on Wall \pm mm	Qty./ Case	Lbs./ Case
234540	Trimmed & Glazed	1.0	1.0	.3	4	9	54	80200-54	Cut	1.0	2.4	.3	4	9
234570	Trimmed & Glazed	1.0	1.0	.3	4	10	57	80200-57	Cut	1.0	2.4	.3	4	10
234600	Trimmed & Glazed	1.1	1.1	.3	4	10	60	80200-60	Cut	1.1	2.4	.3	4	10
234640	Trimmed & Glazed	1.2	2.4	.3	4	11	64	80200-64	Cut	1.2	2.4	.3	4	11
234700	Trimmed & Glazed	1.2	2.4	.3	4	12	70	80200-70	Cut	1.2	2.4	.3	4	12
234750	Trimmed & Glazed	1.3	2.4	.3	4	13	75	80200-75	Cut	1.3	2.4	.3	4	13
234800	Trimmed & Glazed	1.3	2.4	.3	4	14	80	80200-80	Cut	1.3	2.4	.3	4	14
234850	Trimmed & Glazed	1.3	2.4	.3	4	15	85	80200-85	Cut	1.3	2.4	.3	4	15
234900	Trimmed & Glazed	1.3	2.4	.3	4	16	90	80200-90	Cut	1.3	2.4	.3	4	16
234950	Trimmed & Glazed	1.4	2.4	.3	4	17	95	80200-95	Cut	1.4	2.4	.3	4	17
234000	Trimmed & Glazed	1.4	2.4	.3	4	18	100	80200-100	Cut	1.4	2.4	.3	4	18
234310	Trimmed & Glazed	1.8	2.6	.3	4	21	110	80200-110	Cut	2.1	2.6	.3	4	21
234330	Trimmed & Glazed	1.8	3.0	.3	4	27	120	80200-120	Cut	2.4	3.0	.3	4	26
234340	Trimmed	1.8	3.0	.3	4	28	125	80200-125	Cut	2.5	3.0	.3	4	28
234360	Trimmed	1.8	3.0	.3	4	29	130	80200-130	DISCONTINUED					
234370	Trimmed	2.0	3.5	.4	2	18	140	80200-140	DISCONTINUED					
234390	Trimmed	2.0	3.5	.4	2	20	150	80200-150	Cut	3.0	3.5	.4	2	19
234230	Trimmed	2.2	4.1	.4	2	26	178	No Equivalent						
232004	Cut & Fire Polished	2.2	3.5	.4	1	15	180	No Equivalent						
232005	Cut & Fire Polished	2.6	4.0	.4	1	18	190	No Equivalent						
232006	Cut & Fire Polished	2.6	5.0	.5	1	23	200	No Equivalent						
232007	Cut & Fire Polished	2.6	5.0	.5	1	25	210	No Equivalent						
232008	Cut & Fire Polished	2.8	5.5	.6	1	28	220	No Equivalent						

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

special wall tubing

All quantities and weights are approximate.

Length on all tubing and rod is 48 inches long (± 1/4 inch) except where specified.

Easy cross-reference for glass tubing and rod.

Read down the middle of the table for the size.

Corning (PYREX®) items are on the left, Kimble (KIMAX®) items are on the right.

Corning Special Wall ends are cut and glazed or fire-polished.

PYREX® brand						Size O.D. x Wall (mm)	KIMAX® brand						
Corning #	Total Var. O.D. ± mm	Wall mm	Total Var. Wall ± mm	Qty./ Case	Lbs./ Case		Kimble #	Ends	Total Var. O.D. ± mm	Wall mm	Total Var. Wall ± mm	Qty./ Case	Lbs./ Case
234081	.3	1.5	.2	136	25	8 x 1.5	80275-8	Cut only	0.4	1.5	0.2	135	25
234082	.3	2.0	.2	109	25	8 x 2.0	80325-8	Glazed	0.4	2.0	0.2	110	25
234103	.3	1.5	.2	117	25	9 x 1.5	80275-9	Cut only	0.4	1.5	0.2	120	25
234104	.3	2.0	.2	94	25	9 x 2.0	80325-9	Glazed	0.4	2.0	0.2	95	25
234101	.3	1.5	.2	104	25	10 x 1.5	80275-10	Glazed	0.4	1.5	0.2	100	25
234102	.3	2.0	.2	82	25	10 x 2.0	80325-10	Glazed	0.4	2.0	0.2	85	25
234105	.3	1.5	.2	93	25	11 x 1.5	80275-11	Glazed	0.4	1.5	0.2	95	25
234131	.3	2.0	.2	73	25	11 x 2.0	80325-11	Glazed	0.4	2.0	0.2	75	25
234106	.3	1.6	.2	67	25	14 x 1.6	80300-14	Glazed	0.4	1.6	0.2	65	25
234107	.3	2.25	.2	35	25	19 x 2.25	80450-19	Glazed	0.5	2.25	0.3	30	25
234108	.4	2.25	.3	30	25	22 x 2.25	80450-22	Glazed	0.6	2.25	0.3	30	25

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

Phone: 856.825.3222 • Toll Free: 800.257.8405 • Fax: 856.825.3375

Website: www.macbicnj.com • Email: info@macbicnj.com

special application/ special wall

Kimble #	End Style	Size O.D. x Wall x Length	Lbs./Case	Lengths/Case
P14-3579	Glazed	22 mm x 1.8 mm x 59 in.	45	54
P14-3580	Glazed	28 mm x 2 mm x 59 in.	50	42

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

kimble 59" metric tubing

Kimble #	OD x Wall (mm)	Lbs./Case	Lengths/Case	End Finish
9007002001	7 x 1	21	224	Glazed
9007002002	7 x 1.5	32	168	Glazed
9007002007	8 x 1	43	266	Glazed
9007002008	8 x 1.5	45	200	Glazed
9009002004	9 x 1	45	244	Glazed
P14-3689	9.5 x 1.9	41	123	Glazed
P14-2690	11 x 1.5	49	149	Glazed
P14-3747	12 x 1	48	190	Glazed
P14-2700	12 x 2.2	35	70	Glazed
P14-3690	16 x 2.3	48	66	Glazed
P14-3691	19 x 3	50	45	Glazed
P14-3692	22 x 3	42	32	Glazed
P14-3701	26 x 3.75	46	24	Cut
P14-3702	32 x 3.75	44	18	Cut
P14-3020	38 x 2.8	54	24	Cut
P14-3703	38 x 33.75	36	12	Cut
P14-2678	40 x 2.3	35	18	Glazed
P14-2679	42 x 2.3	35	18	Cut
P14-2680	44 x 2.3	46	21	Cut
P14-3112	44 x 3.2	48	16	Cut
P14-3704	44 x 3.75	42	12	Cut
P14-3642 *	50 x 2.5	39	16	Cut
P14-3709	50 x 3.5	45	12	Cut
9050002005	50 x 5	42	8	Cut
P14-3710	58 x 3.5	35	8	Cut
P14-2605	60 x 3.2	25	6	Cut
P14-2622	70 x 2.2	31	9	Cut
P14-2623	75 x 2.2	33	9	Cut
P14-3176	80 x 2.4	17	4	Cut
P14-2625	85 x 2.5	42	9	Cut

* 52 in. long.

UPS Box Charge Applies

www.macbicnj.com

Phone: 856.825.3222 • Toll Free: 800.257.8405 • Fax: 856.825.3375

Website: www.macbicnj.com • Email: info@macbicnj.com

medium wall tubing

All quantities and weights are approximate.

Length on tubing from 1/4" OD to 4-1/2" OD is 48 inches long ($\pm 1/4$ inch).

Length on tubing from 7" OD and up is 59 inches long ($\pm 1/4$ inch).

Easy cross-reference for glass tubing and rod.

Read down the middle of the table for the size.

Corning (PYREX®) items are on the left, **Kimble (KIMAX®)** items are on the right.

Corning Medium Wall 1/4" to 1-1/2" have ends cut and glazed or fire-polished, while 1-3/4" to 7-1/2" have ends cut only.

PYREX® brand						Size O.D. (in.)	KIMAX® brand						
Corning #	Total Var. O.D. \pm mm	Wall mm	Total Var. Wall \pm mm	Qty./ Case	Lbs./ Case		Kimble #	Ends	Total Var. O.D. \pm in	Wall in	Total Var. Wall \pm in	Qty./ Case	Lbs./ Case
237300	.3	1.2	.1	276	32	1/4	80400-14	Glazed	.013	3/64	.005	275	32
237310	.3	1.6	.2	96	32	1/2	80400-12	Glazed	.018	1/16	.007	95	32
237315	.3	1.6	.2	75	32	5/8	80400-58	Glazed	.010	1/16	.007	75	32
237320	.3	1.6	.2	61	32	3/4	80400-34	Glazed	.010	1/16	.007	60	32
237330	.4	2.4	.3	31	32	1	80400-1	Cut Only	.028	3/32	.010	30	31
237340	.7	2.4	.3	24	32	1-1/4	80400-114	Cut Only	.036	3/32	.010	24	32
237350	.7	2.4	.3	18	30	1-1/2	80400-112	Cut Only	.040	3/32	.010	18	30
237370	1.0	2.4	.3	15	29	1-3/4	80400-134	Cut Only	.044	3/32	.010	16	31
237380	1.0	3.2	.3	4	12	2	80400-2	Cut Only	.048	1/8	.014	4	12
237390	1.0	3.2	.4	4	13	2-1/4	80400-214	Cut Only	.052	1/8	.014	4	13
237400	1.4	3.2	.4	4	15	2-1/2	80400-212	Cut Only	.056	1/8	.014	4	15
237410	1.5	3.2	.4	4	16	2-3/4	80400-234	Cut Only	.060	1/8	.014	4	16
237420	1.5	3.2	.4	4	18	3	80400-3	Cut Only	.064	1/8	.014	4	18
237430	1.7	3.2	.4	4	19	3-1/4	80400-314	Cut Only	.068	1/8	.014	4	19
237440	1.8	3.2	.4	4	21	3-1/2	80400-312	Cut Only	.072	1/8	.014	4	21
237450	1.8	4.8	.5	4	35	4	80400-4	Cut Only	.072	3/16	.021	4	35
237460	1.8	4.8	.5	2	20	4-1/2	80400-412	Cut Only	.090	3/16	.021	2	20
232009	2.2	6.0	.6	1	25	7	No Equivalent						
232012	2.5	7.0	.8	1	30	7-1/2	No Equivalent						
232013	2.6	7.0	.8	1	32	7-7/8	No Equivalent						
232014	2.6	7.0	.8	1	34	8-1/4	No Equivalent						
232015	2.8	7.0	.8	1	35	8-5/8	No Equivalent						
232016	2.8	7.0	.8	1	37	9	No Equivalent						
232017	3.0	7.0	.8	1	39	9-1/2	No Equivalent						
232018	3.1	7.0	.8	1	40	9-7/8	No Equivalent						

All weights and quantities are approximate.

UPS Box Charge Applies
www.macbicnj.com

heavy wall tubing

All quantities and weights are approximate.

Length on all tubing and rod is 48 inches long (± 1/4 inch) except where specified.

Easy cross-reference for glass tubing and rod.

Read down the middle of the table for the size.

Corning (PYREX®) items are on the left, Kimble (KIMAX®) items are on the right.

PYREX® brand							Size O.D. (in.)	KIMAX® brand						
Corning #	Ends	Total Var. O.D. ± mm	Wall mm	Total Var. Wall ± mm	Qty./ Case	Lbs./ Case		Kimble #	Ends	Total Var. O.D. ± in	Wall in	Total Var. Wall ± in	Qty./ Case	Lbs./ Case
237650	Cut only	.3	2.0	.2	96	27	3/8	80500-38	Glazed	.018	5/64	.009	95	27
237500	Cut only	.3	2.4	.2	61	27	1/2	80500-12	Glazed	.022	3/32	.010	60	27
237660	Cut only	.3	2.4	.2	45	27	5/8	80500-58	Glazed	.024	3/32	.010	45	27
237510	Cut only	.3	3.2	.4	28	27	3/4	80500-34	Glazed	.028	1/8	.014	25	27
237360	Cut only	.4	3.2	.4	30	34	7/8	80500-78	Glazed	.030	1/8	.014	0	34
237520	Cut only	.4	4.0	.4	24	38	1	80500-1	Cut only	.034	5/32	.017	24	38
237530	Cut only	.7	4.0	.4	18	38	1-1/4	80500-114	Cut only	.040	5/32	.017	18	31
237540	Cut only	.7	4.0	.4	12	31	1-1/2	80500-112	Cut only	.048	5/32	.017	12	31
237550	Cut only	1.0	4.0	.4	10	30	1-3/4	80500-134	Cut only	.056	5/32	.017	12	36
237560	Cut only	1.0	4.8	.5	4	17	2	80500-2	Cut only	.060	3/16	.021	4	17
237570	Cut only	1.0	4.8	.5	4	19	2-1/4	80500-214	Cut only	.064	3/16	.021	4	19
237580	Cut only	1.5	4.8	.5	4	21	2-1/2	80500-212	Cut only	.068	3/16	.021	4	21
237590	Cut only	1.5	4.8	.5	4	24	2-3/4	80500-234	Cut only	.072	3/16	.021	4	24
237600	Cut only	1.5	4.8	.5	4	26	3	80500-3	Cut only	.080	3/16	.021	4	26
237610	Cut only	1.8	4.8	.5	4	29	3-1/4	80500-314	Cut only	.084	3/16	.021	4	28
237620	Cut only	1.8	4.8	.5	4	31	3-1/2	80500-312	Cut only	.088	3/16	.021	4	30
237630	Cut only	1.8	6.4	.7	2	23	4	80500-4	Cut only	.096	1/4	.028	2	23
237640	Cut only	1.8	6.4	.7	2	26	4-1/2	80500-412	Cut only	.100	1/4	.028	2	26
237670	Cut only	1.8	6.4	.7	2	29	5	80500-5	Cut only	.112	1/4	.028	2	29
237680	Cut only	2.0	6.4	.7	2	32	5-1/2	80500-512	Cut only	.124	1/4	.028	2	32
237690	Cut only	2.0	7.9	.9	2	43	6	No Equivalent						
237700	Cut only	2.0	7.9	.9	1	24	6-1/2	80500-612	DISCONTINUED					
237710	Cut only	2.2	9.5	1.1	1	30	7	No Equivalent						

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

Phone: 856.825.3222 • Toll Free: 800.257.8405 • Fax: 856.825.3375

Website: www.macbicnj.com • Email: info@macbicnj.com

capillary tubing

Ends are cut on all sizes and styles

PYREX® brand				KIMAX® brand			
Corning #	Size OD x ID (mm)	Qty./ Case	Lbs./ Case	Kimble #	Size OD x ID (mm)	Qty./ Case	Lbs./ Case
236510	5.1-5.9 x 0.4-0.6	107	15	80600-34	5.0-6.0 x 0.25-0.75	142	20
236520	6.1-6.9 x 0.8-1.2	77	15	80600-114	6.0-7.0 x 0.75-1.25	100	20
236521	6.1-6.9 x 1.05-1.45	78	15	80600-112	6.0-7.0 x 1.0-1.5	100	20
236522	6.6-7.4 x 2.55-2.95	76	15	80600-134	7.0-8.0 x 1.25-1.75	75	20
236523	7.6-8.4 x 3.08-3.68	59	15	80600-214	7.0-8.0 x 1.75-2.25	80	20
236530	7.1-7.9 x 1.3-1.7	58	15	80600-3	8.0-10.0 x 2.25-3.0	55	20
236540	7.1-7.9 x 1.55-1.95	61	15	80600-334	7.5-8.5 x 3.0-3.75	80	20
236560	8.6-9.4 x 2.18-2.58	43	15	80600-300	6.5-7.5 x 2.5-3.0	100	20
236590	5.1-9.4 x 0.4-2.95	60	15	No Equivalent			

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

rod

Ends are cut on all sizes and styles

PYREX® brand				Size (O.D.) mm	KIMAX® brand			
Corning #	Tol. Var. O.D. ± mm	Qty./Case	Lbs./Case		Kimble #	Tol. Var. O.D. ± mm	Qty./Case	Lbs./Case
239430	.4	625	25	3	80700-3	.4	625	25
239440	.4	328	25	4	80700-4	.4	330	25
239450	.4	215	25	5	80700-5	.4	215	25
239460	.4	145	25	6	80700-6	.4	145	25
239470	.4	107	25	7	80700-7	.4	110	25
239480	.4	83	25	8	80700-8	.4	85	25
239490	.4	65	25	9	80700-9	.4	65	25
239400	.4	52	25	10	80700-10	.4	55	25
239212	.4	44	25	11	80700-11	.4	45	25
239410	-	-	25	3-11 †	80700-311	-	-	25
239250	.5	33	25	1/2 in. (12.7mm)	80700-12	.635	35	23
239260	.6	21	25	5/8 in. (15.9mm)	80700-58	.762	20	28
239270	.8	14	25	3/4 in. (19.0mm)	80700-34	.762	15	30
239200	1.0	8	24	1 in. (25.4mm)	80700-1	1.0	8	25
239210	1.3	5	24	1-1/4 in. (31.7mm)	80700-114	1.0	8	38
239211	1.7	6	41	1-1/2 in. (38.1mm)	No Equivalent			
231895		5	50	1.8 in. (45.7mm)	No Equivalent			

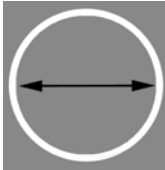
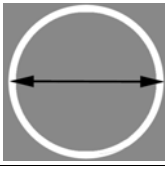
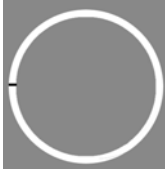
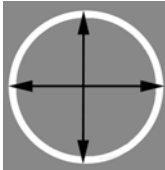
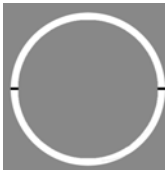


† Assorted sizes in one 25 lb. bundle

All weights and quantities are approximate.

UPS Box Charge Applies

www.macbicnj.com

glossary

I.D.	Inside diameter of tubing.	
O.D.	Outside diameter of tubing.	
Wall	The nominal thickness of the glass between the inside and outside surfaces of the tubing.	
O.O.R.	The difference between the minimum and maximum O.D. measurements made at the one point along a piece of tubing.	
Siding	This is the difference between the minimum and the maximum wall thickness as measured at the end of the tube.	
Airlines	These are elongated air bubbles within the tubing or rod. They may be buried within the glass or open on the surface.	
Chips	A depression on the glass surface of tubing or rod caused by flaking of the glass.	
Stones	A piece of undissolved or crystallized refractory material or glass batch appearing in the glass as an opaque lump.	
Bow	Bow is measured as the maximum deviation from a straight line connecting any two points on the tube.	
Taper	The maximum gradual dimensional change in the O.D. of one end of the tubing or rod to the opposite end.	
Check	A fissure extending into the wall of tubing or rod.	
Scuff-scratch	Abrasion which might occur during the manufacturing process, shipping, storage or use.	
Cord	An optical or surface effect usually in a narrow band caused by non-homogenous glass.	
Stress	A condition of tension or compression existing within the glass.	
End Finishes	a. Cut at Draw - Raw ends not fire-polished or glazed	
	b. Cut and Fire-Polished - Cut at draw. Ends fire-polished to heal sharp edges.	
	c. Trimmed - Tubing cut to specific length.	
	d. Trimmed and Glazed - Tubing cut to length and fire-polished to heal sharp edges.	
	e. Cut and Ground - Tubing cut to length and ends ground.	