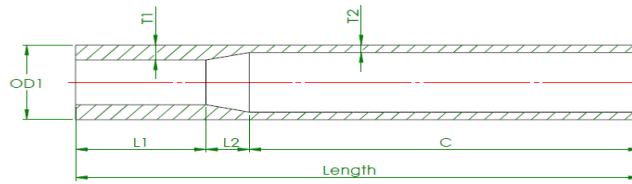




**MS3 Single-Butted Tube**

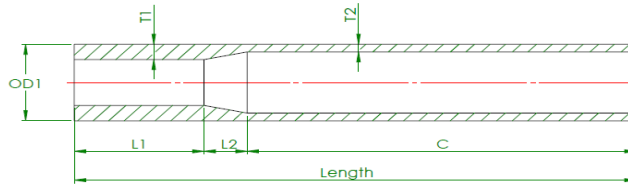


OD	T1	T2	L1	L2	C	C Max.	Length	Max
16.10	0.85	0.65	370	80	150	200	600	650
16.10	0.80	0.45	130	40	430	480	600	650
19.10	1.20	0.90	120	30	450	500	600	650
19.10	1.20	0.74	100	46	304	354	450	500
19.10	0.90	0.60	100	30	320	370	450	500
19.10	0.90	0.60	205	30	365	415	600	650
22.20	1.20	0.90	150	35	265	315	450	500
22.20	0.90	0.60	130	60	260	310	450	500
22.20	0.82	0.63	220	40	190	240	450	500
22.20	0.80	0.55	135	30	285	335	450	500
23.80	1.20	0.80	105	60	285	335	450	500
23.80	1.10	0.80	155	30	265	315	450	500
24.00	1.20	0.90	155	30	265	315	450	500
23.80	1.00	0.70	155	30	265	315	450	500
24.00	1.00	0.60	155	30	265	315	450	500
24.00	1.00	0.60	160	30	260	310	450	500
23.80	0.80	0.50	125	30	295	345	450	500
24.00	0.90	0.60	125	30	295	345	450	500
23.80	0.80	0.60	125	30	295	345	450	500
24.00	0.90	0.70	125	30	295	345	450	500
23.80	0.70	0.50	220	40	190	240	450	500
24.00	0.80	0.60	220	40	190	240	450	500
28.60	1.20	0.80	75	50	375	425	500	550
28.60	1.20	1.00	210	30	460	510	700	750
28.60	1.10	0.80	130	30	340	390	500	550
28.60	1.00	0.70	130	20	500	550	650	700
28.60	0.90	0.60	155	20	575	625	750	800
28.60	0.90	0.60	85	50	515	565	650	700
28.60	0.90	0.63	85	50	515	565	650	700
28.60	0.90	0.63	95	50	605	655	750	800
28.60	0.90	0.60	270	40	290	340	600	650
28.60	0.88	0.68	125	50	475	525	650	700
28.60	0.88	0.70	125	50	525	575	700	750
28.60	0.80	0.60	355	50	295	345	700	750
30.00	1.15	0.80	130	30	540	590	700	750
34.00	2.50	0.82	250	20	330	380	600	650
31.80	0.90	0.60	125	50	575	625	750	800
31.80	0.90	0.63	130	60	560	610	750	800
34.90	1.20	1.00	75	25	550	600	650	700
34.90	1.15	0.85	130	50	370	420	550	600
34.90	0.90	0.60	110	50	440	490	600	650
34.90	0.90	0.63	110	50	590	640	750	800
36.95	1.10	0.90	75	25	650	700	750	800

NOTE: CUSTOM MADE IS AVAILABLE

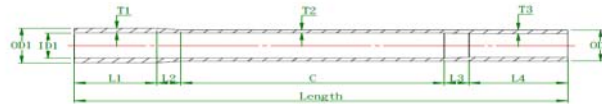


**MS3 Single-Butted Tube**



OD	T1	T2	L1	L2	C	C Max.	Length	Max
38.10	1.00	0.90	220	60	470	520	750	800
38.10	1.00	0.90	220	60	470	520	750	800
38.50	1.00	0.90	210	45	495	545	750	800
44.50	1.00	0.90	270	60	420	470	750	800

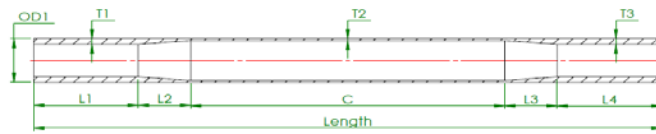
**MS3 Seat Tube**



OD	T1	T2	T3	L1	L2	C	L3	L4	L4 Max	Length	Max
29.8/28.6	1.2	0.6	0.9	120	40	105	20	165	215	450	500
29.8/28.6	1.2	0.6	0.9	100	40	125	20	165	215	450	500
29.8/28.6	1.2	0.6	0.9	100	20	145	20	165	215	450	500
29.8/28.6	1.2	0.6	0.9	120	40	155	20	165	215	500	550
29.8/28.6	1.2	0.6	0.9	100	40	175	20	165	215	500	550
29.8/28.6	1.2	0.6	0.9	100	20	195	20	165	215	500	550
29.8/28.6	1.2	0.6	0.9	120	40	205	20	165	215	550	600
29.8/28.6	1.2	0.6	0.9	100	40	225	20	165	215	550	600
29.8/28.6	1.2	0.6	0.9	100	20	245	20	165	215	550	600
29.8/28.6	1.2	0.6	0.9	100	20	110	40	280	330	550	600
29.8/28.6	1.2	0.6	0.9	120	40	255	20	165	215	600	650
29.8/28.6	1.2	0.6	0.9	120	40	120	40	280	330	600	650
29.8/28.6	1.2	0.6	0.9	100	40	275	20	165	215	600	650
29.8/28.6	1.2	0.6	0.9	100	40	140	40	280	330	600	650
29.8/28.6	1.2	0.6	0.9	100	20	295	20	165	215	600	650
29.8/28.6	1.2	0.6	0.9	100	20	160	40	280	330	600	650



**MS3 Double-Butted Tube**

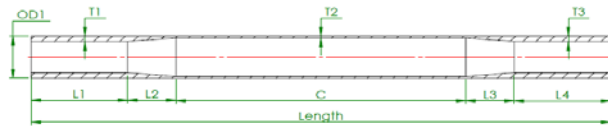


OD	T1	T2	T3	L1	L2	C	L3	L4	L4 Max	Length	Max
21.50	0.95	0.65	0.80	140	30	200	25	155	205	550	600
25.40	0.70	0.55	0.70	90	50	290	50	120	170	600	650
28.60	0.90	0.60	0.90	140	30	230	30	170	220	600	650
28.60	0.85	0.55	0.85	90	50	340	50	270	320	800	850
28.60	0.75	0.45	0.75	110	50	320	50	120	170	650	700
28.60	0.80	0.50	0.80	110	50	320	50	120	170	650	700
28.60	0.65	0.40	0.65	110	50	320	50	120	170	650	700
28.60	0.70	0.45	0.70	110	50	320	50	120	170	650	700
28.60	0.65	0.45	0.65	160	50	200	50	140	190	600	650
28.60	0.70	0.50	0.70	160	50	200	50	140	190	600	650
28.60	0.65	0.40	0.65	110	50	220	50	270	320	700	750
28.60	0.70	0.45	0.70	110	50	220	50	270	320	700	750
28.60	0.60	0.40	0.60	110	50	300	50	90	140	600	650
28.60	0.60	0.40	0.60	130	50	230	50	190	240	650	700
31.80	1.20	0.90	1.20	105	50	260	50	185	235	650	700
31.80	1.15	0.85	1.15	105	50	260	50	185	235	650	700
31.80	1.15	0.85	1.15	120	30	245	30	175	225	600	650
31.80	1.20	0.90	1.20	120	30	245	30	175	225	600	650
31.80	0.95	0.65	0.95	100	70	240	70	220	270	700	750
31.80	1.00	0.70	1.00	100	70	240	70	220	270	700	750
31.80	0.85	0.55	0.85	145	30	350	30	145	195	700	750
31.80	0.90	0.60	0.90	145	30	350	30	145	195	700	750
31.80	0.75	0.45	0.75	109	50	300	50	142	192	650	700
31.80	0.80	0.50	0.80	109	50	300	50	142	192	650	700
31.80	0.85	0.55	0.85	109	50	300	50	142	192	650	700
31.80	0.80	0.50	0.80	90	50	400	50	60	110	650	700
31.80	0.85	0.55	0.85	90	50	400	50	110	160	700	750
31.80	0.75	0.45	0.75	109	50	300	50	292	342	800	850
31.80	0.80	0.50	0.80	109	50	300	50	292	342	800	850
31.80	0.85	0.55	0.85	109	50	300	50	292	342	800	850
31.80	0.75	0.45	0.75	110	50	300	50	240	290	750	800
31.80	0.80	0.50	0.80	110	50	300	50	240	290	750	800
31.80	0.85	0.55	0.85	110	50	300	50	240	290	750	800
31.80	0.65	0.40	0.65	110	50	300	50	190	240	700	750
31.80	0.70	0.45	0.70	110	50	300	50	190	240	700	750
31.80	0.75	0.50	0.75	110	50	300	50	190	240	700	750
31.80	0.65	0.40	0.65	100	50	300	50	250	300	750	800
31.80	0.70	0.45	0.70	100	50	300	50	250	300	750	800
31.80	0.75	0.50	0.75	100	50	300	50	250	300	750	800
31.80	0.60	0.40	0.60	95	50	160	50	245	295	600	650
31.80	0.65	0.45	0.65	95	50	160	50	245	295	600	650
33.00	0.75	0.55	0.75	80	38	372	38	172	222	700	750
34.90	1.20	1.00	1.20	170	50	170	50	160	210	600	650
34.90	1.15	0.75	1.15	110	20	170	20	330	380	650	700

NOTE: CUSTOM MADE IS AVAILABLE



**MS3 Double-Butted Tube**

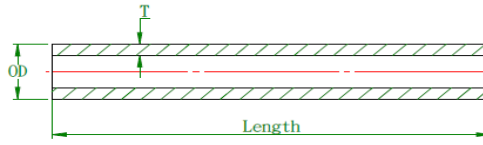


OD	T1	T2	T3	L1	L2	C	L3	L4	L4 Max	Length	Max
34.90	1.20	0.80	1.20	110	20	170	20	330	380	650	700
34.90	1.15	1.00	1.15	95	60	235	70	140	190	600	650
34.90	1.20	1.05	1.20	95	60	235	70	140	190	600	650
34.90	1.15	0.85	1.15	98	60	235	70	187	237	650	700
34.90	1.20	0.90	1.20	98	60	235	70	187	237	650	700
34.90	1.15	0.65	0.85	130	50	160	20	190	240	550	600
34.90	1.20	0.70	0.90	130	50	160	20	190	240	550	600
34.90	0.95	0.65	0.95	110	50	280	50	210	260	700	750
34.90	1.00	0.70	1.00	110	50	280	50	210	260	700	750
34.90	0.90	0.60	0.90	110	50	300	50	290	340	800	850
34.90	0.95	0.65	0.95	110	50	300	50	290	340	800	850
34.90	0.85	0.55	0.85	90	50	350	50	260	310	800	850
34.90	0.90	0.60	0.90	90	50	350	50	260	310	800	850
34.90	0.80	0.50	0.80	100	50	290	50	210	260	700	750
34.90	0.80	0.50	0.80	110	50	290	50	300	350	800	850
34.90	0.80	0.50	0.80	110	50	370	50	220	270	800	850
34.90	0.70	0.45	0.70	145	50	385	50	170	220	800	850
35.30	0.70	0.55	0.70	100	60	170	50	420	470	800	850
35.50	0.85	0.70	0.85	100	60	170	50	420	470	800	850
36.00	1.10	0.95	1.10	100	60	170	50	420	470	800	850
38.10	1.00	0.70	0.90	210	60	330	60	140	190	800	850
38.10	1.00	0.70	1.00	135	50	200	50	365	415	800	850
38.10	0.90	0.60	0.90	160	50	350	50	90	190	700	800
38.10	0.70	0.45	0.70	170	50	350	50	80	230	700	850
38.10	0.65	0.45	0.65	90	40	470	40	60	210	700	850
38.10	0.70	0.50	0.70	90	40	470	40	60	210	700	850
38.10	0.60	0.45	0.60	95	50	250	50	305	355	750	800
38.10	0.65	0.50	0.65	95	50	250	50	305	355	750	800
42.00	0.90	0.70	0.90	260	60	330	60	90	140	800	850
42.00	0.80	0.50	0.80	170	40	360	40	190	240	800	850
44.50	1.00	0.70	0.90	260	60	330	60	90	140	800	850
44.50	0.80	0.50	0.80	155	55	375	55	160	210	800	850

NOTE: CUSTOM MADE IS AVAILIABLE



**MS3 Plain Gauge Tube**



OD/T	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.25
10.0									
12.7									
14.0									
15.0									
16.0									
18.0									
19.0									
22.2									
24.0									
25.4									
27.0									
28.6									
31.8									
33.0									
35.0									
38.1									
40.0									
41.3									
42.0									
44.0									
44.5									

NOTE: CUSTOM MADE IS AVAILIABLE