



FOR METRIC TUBES								
T TUBE O.D.	MALE BSPT / NPT PIPE SIZE	DIMENSION						
		A	B	D	E	F	G	H
4	1/8	30.0	12	13.7	2.5	12	12	24.1
4	1/4	32.5	13	13.7	2.5	17	12	25.0
6	1/8	31.5	12	15.3	5.0	14	9/16	24.9
6	1/4	36.0	13	15.3	5.0	17	9/16	28.4
6	3/8	37.0	14	15.3	5.0	22	9/16	29.5
6	1/2	42.5	17	15.3	5.0	27	9/16	34.1
8	1/8	32.5	12	16.2	6.0	14	5/8	24.6
8	1/4	37.0	13	16.2	6.0	17	5/8	29.5
8	3/8	37.0	14	16.2	6.0	22	5/8	29.5
8	1/2	43.5	17	16.2	6.0	27	5/8	35.8
10	1/8	33.0	12	17.2	8.0	17	19	25.4
10	1/4	38.0	13	17.2	8.0	17	19	30.2
10	3/8	39.0	14	17.2	8.0	22	19	31.0
10	1/2	44.5	17	17.2	8.0	27	19	36.6
10	3/4	42.0	18	17.2	8.0	32	19	34.0
12	1/8	39.0	12	22.8	8.0	20	7/8	28.4
12	1/4	40.5	13	22.8	10.0	20	7/8	30.2
12	3/8	41.5	14	22.8	10.0	22	7/8	31.0
12	1/2	47.0	17	22.8	10.0	27	7/8	36.6
12	3/4	49.0	18	22.8	10.0	32	7/8	37.9
12	1	51.0	24	22.8	10.0	41	7/8	41.0
14	3/8	41.5	14	24.4	12.0	24	25	31.0
14	1/2	42.5	17	24.4	12.0	27	25	32.0
14	3/4	44.5	18	24.4	12.0	32	25	34.0
15	3/8	41.5	14	24.4	12.0	24	25	31.0
15	1/2	47.0	17	24.4	12.0	24	25	36.6
15	3/4	44.5	18	24.4	12.0	32	25	34.0
16	3/8	42.0	14	24.4	14.0	24	25	31.0
16	1/2	47.0	17	24.4	12.0	24	25	36.8
16	3/4	45.0	18	24.4	14.0	32	25	34.0
18	1/2	42.5	17	24.4	16.0	27	30	32.0
18	3/4	44.5	18	24.4	16.0	32	30	34.0
18	1	51.5	24	24.4	16.0	41	30	41.0
20	1/2	44.0	17	26.0	18.0	30	32	35.0
20	3/4	44.0	18	26.0	18.0	32	32	35.0
20	1	50.0	24	26.0	18.0	41	32	41.0
22	1/2	44.5	17	26.0	18.0	30	32	35.0
22	3/4	44.5	18	26.0	18.0	32	32	35.0
22	1	50.5	24	26.0	18.0	41	32	41.0
25	3/4	54.5	18	31.3	22.0	35	1-1/2	42.0
25	1	57.5	24	31.3	22.0	41	1-1/2	45.0

FOR FRACTIONAL TUBES								
T TUBE O.D.	MALE BSPT / NPT PIPE SIZE	DIMENSION						
		A	B	D	E	F	G	H
1/8	1/8	29.0	12	12.7	2.5	12	7/16	23.6
1/8	1/4	33.5	13	12.7	2.5	17	7/16	27.9
1/4	1/8	31.5	12	15.2	5.0	14	9/16	24.8
1/4	1/4	36.0	13	15.2	5.0	17	9/16	28.4
1/4	3/8	38.0	14	15.2	5.0	22	9/16	29.2
1/4	1/2	42.5	17	15.2	5.0	27	9/16	34.1
3/8	1/8	33.0	12	16.8	8.0	16	11/16	25.4
3/8	1/4	38.0	13	16.8	8.0	17	11/16	30.2
3/8	3/8	39.5	14	16.8	8.0	22	11/16	31.8
3/8	1/2	44.0	17	16.8	8.0	27	11/16	36.6
1/2	1/8	37.0	12	22.9	8.0	19	7/8	27.0
1/2	1/4	40.5	13	22.9	10.0	20	7/8	30.2
1/2	3/8	42.0	14	22.9	10.0	22	7/8	31.8
1/2	1/2	47.0	17	22.9	10.0	27	7/8	36.6
1/2	3/4	48.5	18	22.9	10.0	32	7/8	37.1
1/2	1	51.0	24	22.9	10.0	41	7/8	41.0
5/8	3/8	41.5	15	24.4	10.0	24	25	31.0
5/8	1/2	42.5	17	24.4	14.0	27	25	32.0
5/8	3/4	44.5	18	24.4	14.0	32	25	34.0
3/4	1/2	47.0	17	24.4	12.0	27	1-1/8	37.6
3/4	3/4	48.5	18	24.4	16.0	32	1-1/8	39.1
3/4	1	52.0	24	24.4	16.0	41	1-1/8	41.0
1	3/4	53.5	18	31.2	22.0	35	1-1/2	41.4
1	1	62.5	24	31.2	22.0	41	1-1/2	44.0

\* The A and D dimensions are in finger-tight.  
 \* The E dimension is the minimum nominal opening.  
 \* Fraction numbers are in inch size; the others are in mm size.  
 \* Dimensions are for reference only, and are subject to change without notice.