



FOR METRIC TUBES								
T TUBE O.D.	FEMALE BSPT / NPT PIPE SIZE	DIMENSION						
		A	C	D	E	F	G	H
4	1/8	25.5	19.1	13.7	2.5	14	12	18.8
4	1/4	28.0	23.7	13.7	2.5	17	12	20.7
6	1/8	27.0	19.1	15.3	5.0	14	9/16	19.6
6	1/4	30.0	22.4	15.3	5.0	17	9/16	22.4
6	3/8	32.0	22.4	15.3	5.0	22	9/16	24.4
6	1/2	34.5	28.4	15.3	5.0	27	9/16	27.2
8	1/8	29.0	19.1	16.2	6.0	14	5/8	21.3
8	1/4	30.5	22.4	16.2	6.0	17	5/8	23.1
8	3/8	34.0	26.4	16.2	6.0	22	5/8	25.9
8	1/2	37.0	32.6	16.2	6.0	27	5/8	29.1
10	1/8	32.0	23.7	17.2	8.0	17	19	23.7
10	1/4	32.0	23.7	17.2	8.0	17	19	23.7
10	3/8	34.5	26.4	17.2	8.0	22	19	26.4
10	1/2	37.5	32.6	17.2	8.0	27	19	29.6
12	1/8	37.0	25.0	22.8	10.0	20	7/8	27.0
12	1/4	36.5	22.4	22.8	10.0	20	7/8	27.3
12	3/8	36.5	22.4	22.8	10.0	22	7/8	27.3
12	1/2	39.0	28.4	22.8	10.0	27	7/8	28.7
12	3/4	49.5	41.0	22.8	10.0	34	7/8	39.5
14	3/8	37.0	26.0	24.4	12.0	24	25	26.5
14	1/2	40.0	32.6	24.4	12.0	27	25	29.6
14	3/4	50.0	41.0	24.4	12.0	34	25	39.5
15	3/8	38.5	22.4	24.4	12.0	27	25	27.9
15	1/2	40.0	28.4	24.4	12.0	27	25	32.0
15	3/4	50.0	41.0	24.4	12.0	34	25	39.5
16	3/8	37.5	26.0	24.4	14.0	24	25	26.5
16	1/2	40.5	32.6	24.4	14.0	27	25	29.6
16	3/4	50.5	41.0	24.4	14.0	34	25	39.5
18	3/8	40.0	32.6	24.4	16.0	27	30	29.6
18	1/2	40.0	32.6	24.4	16.0	27	30	29.6
18	3/4	50.0	41.0	24.4	16.0	34	30	39.5
20	1/2	44.0	34.7	26.0	18.0	30	32	34.7
20	3/4	48.5	41.0	26.0	18.0	34	32	39.5
22	1/2	44.0	34.7	26.0	18.0	30	32	34.7
22	3/4	49.0	41.0	26.0	18.0	34	32	39.5
25	1/2	53.0	41.0	31.3	22.0	34	1-1/2	40.5
25	3/4	53.0	41.0	31.3	22.0	34	1-1/2	40.5

FOR FRACTIONAL TUBES								
T TUBE O.D.	FEMALE BSPT / NPT PIPE SIZE	DIMENSION						
		A	C	D	E	F	G	H
1/8	1/8	25.0	19.1	12.7	2.5	14	7/16	18.0
1/8	1/4	27.5	22.4	12.7	2.5	14	7/16	20.8
1/4	1/8	27.0	19.1	15.2	5.0	14	9/16	19.6
1/4	1/4	30.0	22.4	15.2	5.0	17	9/16	22.4
1/4	3/8	32.0	22.4	15.2	5.0	22	9/16	24.4
1/4	1/2	34.5	28.4	15.2	5.0	27	9/16	27.2
3/8	1/8	30.5	19.1	16.8	8.0	14	11/16	23.1
3/8	1/4	31.5	22.4	16.8	8.0	17	11/16	23.9
3/8	3/8	33.5	22.4	16.8	8.0	22	11/16	25.9
3/8	1/2	36.5	28.4	16.8	8.0	27	11/16	28.7
1/2	1/8	37.0	25.0	22.9	10.0	20	7/8	27.0
1/2	1/4	36.5	22.4	22.9	10.0	20	7/8	27.3
1/2	3/8	36.5	22.4	22.9	10.0	22	7/8	27.3
1/2	1/2	39.0	28.4	22.9	10.0	27	7/8	28.7
1/2	3/4	49.5	41.0	22.9	10.0	34	7/8	39.5
5/8	3/8	38.5	22.4	24.4	12.0	24	25	27.9
5/8	1/2	40.0	28.4	24.4	12.0	27	25	29.7
5/8	3/4	50.0	41.0	24.4	14.0	34	25	39.5
3/4	1/2	40.0	28.4	24.4	16.0	27	1-1/8	29.7
3/4	3/4	45.0	31.8	24.4	16.0	34	1-1/8	34.5
1	1/2	53.0	41.0	31.2	22.0	34	1-1/2	40.5
1	3/4	49.0	31.8	31.2	22.0	34	1-1/2	36.8

\* 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.