



FOR METRIC TUBES								
T TUBE O.D.	DIMENSION							
	A	D	E	F	G	H	J	K
3	22.5	12.9	2.5	12	7/16	15.8	31.5	45.0
4	30.7	13.7	2.5	14	12	23.5	47.0	61.5
6	31.2	15.3	5.0	14	9/16	23.5	47.0	62.5
8	31.5	16.2	6.0	14	5/8	23.5	47.0	63.0
10	34.5	17.2	8.0	17	19	26.5	53.0	69.0
12	35.7	22.8	10.0	20	7/8	26.0	52.0	71.5

FOR METRIC TUBES								
T TUBE O.D.	DIMENSION							
	A	D	E	F	G	H	J	K
1/8	22.7	13.7	2.5	12	7/16	15.8	31.5	45.5
1/4	31.5	15.2	5.0	14	9/16	23.5	47.0	63.0
3/8	34.2	16.8	7.7	17	11/16	26.5	53.0	68.5
1/2	36.0	22.9	10.0	20	7/8	26.0	52.0	72.0

- \* The A, D, and K 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.