

RECTANGULAR TE ₁₀ WAVEGUIDE INFORMATION						MOST COMMON MATING FLANGES TO MILLIMETER WAVEGUIDE						
EIA	FREQUENCIES IN GHz.		WAVEGUIDE DIM.			FLANGE TYPES AND DESCRIPTIVE INTERFACE STANDARDS						
WR #	WAVEGUIDE BANDWIDTH	CUT OFF	LOSS dB/FT. LOW - HIGH	INSIDE "a" - "b"	OUTSIDE "A" - "B"	MIL. SPECS MIL.-F-3922	DESCRIPTIVE FLANGE INFORMATION				AEROWAVE STANDARD	
							SIZE - TYPE	FACE	JOINT	CONNECTIVE	ALIGNMENT	
42	18.00 - 26.50	14.08	.26 - .20	.420 - .170	.500 - .250	/68 - 001KM	.875 - SQ.	CVR.	BUTT	CLR. HOLES	PUSH A/PIN	→ 42-0101
						/68 - 002KM	.875 - SQ.	CVR.	BUTT	THD. HOLES	PUSH A/PIN	42-0102
						/68 - 003KM	.875 - SQ.	"O"	BUTT	THD. HOLES	PUSH A/PIN	42-0103
						/67B - 004	1.125 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	42-0110
28	26.50 - 40.00	21.07	.44 - .30	.280 - .140	.360 - .220	/68 - 001AM	.750 - SQ.	CVR.	BUTT	CLR. HOLES	PUSH A/PIN	→ 28-0101
						/68 - 002AM	.750 - SQ.	CVR.	BUTT	THD. HOLES	PUSH A/PIN	28-0102
						/68 - 003AM	.750 - SQ.	"O"	BUTT	THD. HOLES	PUSH A/PIN	28-0103
						/67B - 005	1.125 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	28-0110
22	33.00 - 50.00	26.34	.62 - .42	.224 - .112	.304 - .192	/68 - 001QM	.750 - SQ.	CVR.	BUTT	CLR. HOLES	PUSH A/PIN	22-0101
						/68 - 002QM	.750 - SQ.	CVR.	BUTT	THD. HOLES	PUSH A/PIN	22-0102
						/68 - 003QM	.750 - SQ.	"O"	BUTT	THD. HOLES	PUSH A/PIN	22-0103
						/67B - 006	1.125 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	→ 22-0110
19	40.00 - 60.00	31.41	.77 - .54	.188 - .094	.268 - .174	/68 - 001UM	.750 - SQ.	CVR.	BUTT	CLR. HOLES	PUSH A/PIN	19-0101
						/68 - 002UM	.750 - SQ.	CVR.	BUTT	THD. HOLES	PUSH A/PIN	19-0102
						/68 - 003UM	.750 - SQ.	"O"	BUTT	THD. HOLES	PUSH A/PIN	19-0103
						/67B - 007	1.125 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	→ 19-0110
15	50.00 - 75.00	39.86	1.0 - .80	.148 - .074	.228 - .154	/67B - 008	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	→ 15-0120
12	60.00 - 90.00	48.35	1.8 - 1.0	.122 - .061	.202 - .141	/67B - 009	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	→ 12-0120
10	75.00 - 110.0	59.05	2.0 - 1.4	.100 - .050	.180 - .130	/67B - 010	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	→ 10-0120
08	90.00 - 140.0	73.84	3.0 - 2.0	.080 - .040	.160 - .120	/67B - M08	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	08-0120
						/74 - 001	.375 - RD.	CNT.	F/T.	COUPLINGS	FIXED A/PIN	→ 08-0130
06	110.0 - 170.0	90.84	3.2 - 2.7	.0650 - .0325	.145 - .112	/67B - M06	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	06-0120
						/74 - 002	.375 - RD.	CNT.	F/T.	COUPLINGS	FIXED A/PIN	→ 06-0130
05	140.0 - 220.0	115.75	6.1 - 3.8	.0510 - .0255	.131 - .105	/67B - M05	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	05-0120
						/74 - 003	.375 - RD.	CNT.	F/T.	COUPLINGS	FIXED A/PIN	→ 05-0130
04	170.0 - 260.0	137.52	7.7 - 5.0	.0430 - .0215	.123 - .101	/67B - M04	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	04-0120
						/74 - 004	.375 - RD.	CNT.	F/T.	COUPLINGS	FIXED A/PIN	→ 04-0130
03	220.0 - 325.0	173.28	10.0 - 7.0	.0340 - .0170	.114 - .097	/67B - M03	.750 - RD.	CNT.	F/T.	THD. HOLES	FIXED A/PIN	03-0120
						/74 - 005	.375 - RD.	CNT.	F/T.	COUPLINGS	FIXED A/PIN	→ 03-0130