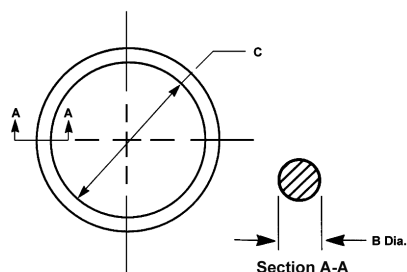


FABRICATED COMPONENTS GUIDE

Molded EMI O-Rings



TOLERANCES: TABLE 1 AND TABLE 2

INNER DIMENSIONS : C	TOLERANCES
0.100 to 1.500 (3 to 38)	± 0.010 (0,3)
1.501 to 2.500 (38 to 64)	± 0.015 (0,4)
2.501 to 4.500 (64 to 114)	± 0.020 (0,5)
4.501 to 7.000 (114 to 178)	± 0.025 (0,6)
over 7.000 (178)	± 0.35% nom. dim.

CROSS SECTION DIMENSIONS : B	TOLERANCES
0.000 to 0.070 (0,0 to 1,8)	± 0.003 (0,1)
0.071 to 0.200 (1,8 to 5,1)	± 0.005 (0,1)
0.201 to 0.400 (5,1 to 10,2)	± 0.006 (0,2)

TABLE 1. MIL-DTL-83528 SERIES

MIL-DTL-83528 PART NO.	LAIRD PART NO	DIMENSIONS		MIL-DTL-83528 PART NO.	LAIRD PART NO	DIMENSIONS	
		C	B			C	B
	8563-0322-XX	0.050 (1,3)	0.063 (1,6)		8563-0218-XX	0.755 (19,2)	0.097 (2,5)
M83528/002X007	8563-0068-XX	0.145 (3,7)	0.070 (1,8)	M83528/002X019	8563-0076-XX	0.801 (20,3)	0.070 (1,8)
	8563-0143-XX	0.150 (3,8)	0.062 (1,6)	M83528/002X020	8563-0077-XX	0.864 (21,9)	0.070 (1,8)
	8563-0334-XX	0.176 (4,5)	0.070 (1,8)		8563-0344-XX	0.921 (23,4)	0.139 (3,5)
	8563-0326-XX	0.260 (6,6)	0.030 (0,8)	M83528/002X021	8563-0078-XX	0.926 (23,5)	0.070 (1,8)
	8563-0343-XX	0.270 (6,9)	0.070 (1,8)	M83528/002X022	8563-0079-XX	0.989 (25,1)	0.070 (1,8)
M83528/005X006	8563-0106-XX	0.295 (7,5)	0.048 (1,2)		8563-0213-XX	0.989 (25,1)	0.070 (1,8)
M83528/002X011	8563-0069-XX	0.301 (7,6)	0.070 (1,8)		8563-0279-XX	1.000 (25,4)	0.250 (6,4)
M83528/002X012	8563-0070-XX	0.364 (9,2)	0.070 (1,8)		8563-0062-XX	1.100 (27,9)	0.070 (1,8)
	8563-0243-XX	0.415 (10,5)	0.057 (1,4)	M83528/002X024	8563-0080-XX	1.114 (28,3)	0.070 (1,8)
M83528/002X013	8563-0071-XX	0.426 (10,8)	0.070 (1,8)	M83528/005X013	8563-0113-XX	1.182 (30,0)	0.068 (1,7)
M83528/005X008	8563-0108-XX	0.446 (11,3)	0.051 (1,3)	M83528/002X026	8563-0089-XX	1.239 (31,5)	0.070 (1,8)
M83528/002X014	8563-0072-XX	0.489 (12,4)	0.070 (1,8)		8563-0161-XX	1.239 (31,5)	0.070 (1,8)
	8563-0196-XX	0.492 (12,5)	0.070 (1,8)	M83528/002X126	8563-0094-XX	1.362 (34,6)	0.103 (2,6)
	8563-0327-XX	0.500 (12,7)	0.100 (2,5)	M83528/002X028	8563-0090-XX	1.364 (34,6)	0.070 (1,8)
M83528/002X015	8563-0073-XX	0.551 (14,0)	0.070 (1,8)		8563-0165-XX	1.366 (34,7)	0.070 (1,8)
M83528/005X016	8563-0116-XX	0.610 (15,5)	0.070 (1,8)		8563-0324-XX	1.463 (37,2)	0.080 (2,0)
M83528/002X114	8563-0091-XX	0.612 (15,5)	0.103 (2,6)	M83528/002X128	8563-0095-XX	1.487 (37,8)	0.103 (2,6)
	8563-0285-XX	0.632 (16,1)	0.062 (1,6)		8563-0164-XX	1.487 (37,8)	0.103 (2,6)
M83528/002X017	8563-0074-XX	0.676 (17,2)	0.070 (1,8)		8563-0166-XX	1.489 (37,8)	0.070 (1,8)
	8563-0211-XX	0.676 (17,2)	0.070 (1,8)	M83528/005X022	8563-0122-XX	1.612 (40,9)	0.103 (2,6)
M83528/002X018	8563-0075-XX	0.739 (18,8)	0.070 (1,8)	M83528/002X132	8563-0096-XX	1.737 (44,1)	0.103 (2,6)