



# AN 931 GROMMETS

Specification: MIL-G-3036

Part Number	A (I D)			B (O D GROOVE)			C (O D)			D (WIDTH GROOVE)		E (THICKNESS)			
	Inch	mm		Inch	mm		Inch	mm		Inch	mm	Inch	mm		
AN930-1	3/8	0.375	9.5	1/2	0.500	12.7	11/16	0.687	17.4	1/16	0.062	1.6	9/32	0.281	7.1
AN930-2	3/8	0.375	9.5	9/16	0.562	14.3	3/4	0.750	19.1	1/16	0.062	1.6	3/8	0.375	9.5
AN930-3	3/8	0.375	9.5	9/16	0.562	14.3	3/4	0.750	19.1	3/8	0.375	9.5	3/4	0.750	19.1
AN930-4	1/2	0.500	12.7	3/4	0.750	19.1	1	1.000	25.4	3/32	0.093	2.4	9/32	0.281	7.1
AN930-21	7/8	0.875	22.2	1 1/4	1.250	31.8	1 9/16	1.562	39.7	3/16	0.187	4.7	3/4	0.750	19.1
AN931-2-9	1/8	0.125	3.2	9/16	0.562	14.3	3/4	0.750	19.1	1/16	0.062	1.6	3/16	0.187	4.7
AN931-A2-9	1/8	0.125	3.2	9/16	0.562	14.3	3/4	0.750	19.1	1/8	0.125	3.2	1/4	0.250	6.4
AN931-2-16	1/8	0.125	3.2	1	1.000	25.4	1 1/4	1.250	31.8	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A2-16	1/8	0.125	3.2	1	1.000	25.4	1 1/4	1.250	31.8	1/8	0.125	3.2	5/16	0.312	7.9
AN931-3-5	3/16	0.187	4.7	5/16	0.312	7.9	7/16	0.437	11.1	1/16	0.062	1.6	3/16	0.187	4.7
AN931-A3-5	3/16	0.187	4.7	5/16	0.312	7.9	7/16	0.437	11.1	1/8	0.125	3.2	1/4	0.250	6.4
AN931-B3-5	3/16	0.187	4.7	5/16	0.312	7.9	7/16	0.437	11.1	3/16	0.187	4.7	5/16	0.312	7.9
AN931-C3-5	3/16	0.187	4.7	5/16	0.312	7.9	7/16	0.437	11.1	1/4	0.250	6.4	3/8	0.375	9.5
AN931-3-9	3/16	0.187	4.7	9/16	0.562	14.3	3/4	0.750	19.1	1/16	0.062	1.6	3/16	0.187	4.7
AN931-A3-9	3/16	0.187	4.7	9/16	0.562	14.3	3/4	0.750	19.1	1/8	0.125	3.2	1/4	0.250	6.4
AN931-3-10	3/16	0.187	4.7	5/8	0.625	15.9	7/8	0.875	22.2	1/16	0.062	1.6	3/16	0.187	4.7
AN931-A3-10	3/16	0.187	4.7	5/8	0.625	15.9	7/8	0.875	22.2	1/8	0.125	3.2	1/4	0.250	6.4
AN931-B3-10	3/16	0.187	4.7	5/8	0.625	15.9	7/8	0.875	22.2	3/16	0.187	4.7	5/16	0.312	7.9
AN931-4-7	1/4	0.250	6.4	7/16	0.437	11.1	5/8	0.625	15.9	1/16	0.062	1.6	3/16	0.187	4.7
AN931-A4-7	1/4	0.250	6.4	7/16	0.437	11.1	5/8	0.625	15.9	1/8	0.125	3.2	1/4	0.250	6.4
AN931-B4-7	1/4	0.250	6.4	7/16	0.437	11.1	5/8	0.625	15.9	3/16	0.187	4.7	5/16	0.312	7.9
AN931-C4-7	1/4	0.250	6.4	7/16	0.437	11.1	5/8	0.625	15.9	1/4	0.250	6.4	3/8	0.375	9.5
AN931-4-12	1/4	0.250	6.4	3/4	0.750	19.1	1	1.000	25.4	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A4-12	1/4	0.250	6.4	3/4	0.750	19.1	1	1.000	25.4	1/8	0.125	3.2	5/16	0.312	7.9
AN931-B4-12	1/4	0.250	6.4	3/4	0.750	19.1	1	1.000	25.4	3/16	0.187	4.7	3/8	0.375	9.5
AN931-C4-12	1/4	0.250	6.4	3/4	0.750	19.1	1	1.000	25.4	1/4	0.250	6.4	7/16	0.437	11.1
AN931-4-16	1/4	0.250	6.4	1	1.000	25.4	1 1/4	1.250	31.8	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A4-16	1/4	0.250	6.4	1	1.000	25.4	1 1/4	1.250	31.8	1/8	0.125	3.2	5/16	0.312	7.9
AN931-5-9	5/16	0.312	7.9	9/16	0.562	14.3	13/16	0.812	20.6	1/16	0.062	1.6	5/16	0.312	7.9
AN931A-5-9	5/16	0.312	7.9	9/16	0.562	14.3	13/16	0.812	20.6	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B5-9	5/16	0.312	7.9	9/16	0.562	14.3	13/16	0.812	20.6	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C5-9	5/16	0.312	7.9	9/16	0.562	14.3	13/16	0.812	20.6	1/4	0.250	6.4	1/2	0.500	12.7

Part Number	A (I D)			B (O D GROOVE)			C (O D)			D (WIDTH GROOVE)			E (THICKNESS)		
	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm
AN931-5-12	5/16	0.312	7.9	3/4	0.750	19.1	1	1.000	25.4	1/16	0.062	1.6	5/16	0.312	7.9
AN931A-5-12	5/16	0.312	7.9	3/4	0.750	19.1	1	1.000	25.4	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B5-12	5/16	0.312	7.9	3/4	0.750	19.1	1	1.000	25.4	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C5-12	5/16	0.312	7.9	3/4	0.750	19.1	1	1.000	25.4	1/4	0.250	6.4	1/2	0.500	12.7
AN931-5-13	5/16	0.312	7.9	13/16	0.812	20.6	1 1/16	1.062	27.0	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A5-13	5/16	0.312	7.9	13/16	0.812	20.6	1 1/16	1.062	27.0	1/8	0.125	3.2	3/8	0.375	9.5
AN931-6-10	3/8	0.375	9.5	5/8	0.625	15.9	7/8	0.875	22.2	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A6-10	3/8	0.375	9.5	5/8	0.625	15.9	7/8	0.875	22.2	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B6-10	3/8	0.375	9.5	5/8	0.625	15.9	7/8	0.875	22.2	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C6-10	3/8	0.375	9.5	5/8	0.625	15.9	7/8	0.875	22.2	1/4	0.250	6.4	1/2	0.500	12.7
AN931-6-16	3/8	0.375	9.5	1	1.000	25.4	1 1/4	1.250	31.8	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A6-16	3/8	0.375	9.5	1	1.000	25.4	1 1/4	1.250	31.8	1/8	0.125	3.2	5/16	0.312	7.9
AN931-C6-16	3/8	0.375	9.5	1	1.000	25.4	1 1/4	1.250	31.8	1/4	0.250	6.4	7/16	0.437	11.1
AN931-7-11	7/16	0.437	11.1	11/16	0.687	17.4	15/16	0.937	23.8	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A7-11	7/16	0.437	11.1	11/16	0.687	17.4	15/16	0.937	23.8	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B7-11	7/16	0.437	11.1	11/16	0.687	17.4	15/16	0.937	23.8	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C7-11	7/16	0.437	11.1	11/16	0.687	17.4	15/16	0.937	23.8	1/4	0.250	6.4	1/2	0.500	12.7
AN931-8-13	1/2	0.500	12.7	13/16	0.812	20.6	1 1/16	1.062	27.0	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A8-13	1/2	0.500	12.7	13/16	0.812	20.6	1 1/16	1.062	27.0	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B8-13	1/2	0.500	12.7	13/16	0.812	20.6	1 1/16	1.062	27.0	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C8-13	1/2	0.500	12.7	13/16	0.812	20.6	1 1/16	1.062	27.0	1/4	0.250	6.4	1/2	0.500	12.7
AN931-8-20	1/2	0.500	12.7	1 1/4	1.250	31.8	1 1/2	1.500	38.1	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A8-20	1/2	0.500	12.7	1 1/4	1.250	31.8	1 1/2	1.500	38.1	1/8	0.125	3.2	5/16	0.312	7.9
AN931-B8-20	1/2	0.500	12.7	1 1/4	1.250	31.8	1 1/2	1.500	38.1	3/16	0.187	4.7	3/8	0.375	9.5
AN931-C8-20	1/2	0.500	12.7	1 1/4	1.250	31.8	1 1/2	1.500	38.1	1/4	0.250	6.4	7/16	0.437	11.1
AN931-9-13	9/16	0.562	14.3	13/16	0.812	20.6	1 1/16	1.062	27.0	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A9-13	9/16	0.562	14.3	13/16	0.812	20.6	1 1/16	1.062	27.0	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B9-13	9/16	0.562	14.3	13/16	0.812	20.6	1 1/16	1.062	27.0	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C9-13	9/16	0.562	14.3	13/16	0.812	20.6	1 1/16	1.062	27.0	1/4	0.250	6.4	1/2	0.500	12.7
AN931-10-14	5/8	0.625	15.9	7/8	0.875	22.2	1 1/8	1.125	28.6	1/16	0.062	1.6	5/16	0.312	7.9
AN931-A10-14	5/8	0.625	15.9	7/8	0.875	22.2	1 1/8	1.125	28.6	1/8	0.125	3.2	3/8	0.375	9.5
AN931-B10-14	5/8	0.625	15.9	7/8	0.875	22.2	1 1/8	1.125	28.6	3/16	0.187	4.7	7/16	0.437	11.1
AN931-C10-14	5/8	0.625	15.9	7/8	0.875	22.2	1 1/8	1.125	28.6	1/4	0.250	6.4	1/2	0.500	12.7
AN931-10-20	5/8	0.625	15.9	1 1/4	1.250	31.8	1 1/2	1.500	38.1	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A10-20	5/8	0.625	15.9	1 1/4	1.250	31.8	1 1/2	1.500	38.1	1/8	0.125	3.2	5/16	0.312	7.9
AN931-11-16	11/16	0.687	17.4	1	1.000	25.4	1 5/16	1.312	33.3	1/16	0.062	1.6	3/8	0.375	9.5
AN931-A11-16	11/16	0.687	17.4	1	1.000	25.4	1 5/16	1.312	33.3	1/8	0.125	3.2	7/16	0.437	11.1
AN931-B11-16	11/16	0.687	17.4	1	1.000	25.4	1 5/16	1.312	33.3	3/16	0.187	4.7	1/2	0.500	12.7
AN931-C11-16	11/16	0.687	17.4	1	1.000	25.4	1 5/16	1.312	33.3	1/4	0.250	6.4	9/16	0.563	14.3

Part Number	A (I D)			B (O D GROOVE)			C (O D)			D (WIDTH GROOVE)			E (THICKNESS)		
	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm	Inch	mm	mm
AN931-12-17	3/4	0.750	19.1	1 1/16	1.062	27.0	1 3/8	1.375	34.9	1/16	0.062	1.6	3/8	0.375	9.5
AN931-A12-17	3/4	0.750	19.1	1 1/16	1.062	27.0	1 3/8	1.375	34.9	1/8	0.125	3.2	7/16	0.437	11.1
AN931-B12-17	3/4	0.750	19.1	1 1/16	1.062	27.0	1 3/8	1.375	34.9	3/16	0.187	4.7	1/2	0.500	12.7
AN931-C12-17	3/4	0.750	19.1	1 1/16	1.062	27.0	1 3/8	1.375	34.9	1/4	0.250	6.4	9/16	0.563	14.3
AN931-12-20	3/4	0.750	19.1	1 1/4	1.250	31.8	1 5/8	1.625	41.3	1/16	0.062	1.6	1/4	0.250	6.4
AN931-A12-20	3/4	0.750	19.1	1 1/4	1.250	31.8	1 5/8	1.625	41.3	1/8	0.125	3.2	5/16	0.312	7.9
AN931-12-23	3/4	0.750	19.1	1 7/16	1.437	36.5	1 13/16	1.812	46.0	1/16	0.062	1.6	3/8	0.375	9.5
AN931-A12-23	3/4	0.750	19.1	1 7/16	1.437	36.5	1 13/16	1.812	46.0	1/8	0.125	3.2	7/16	0.437	11.1
AN931-C12-23	3/4	0.750	19.1	1 7/16	1.437	36.5	1 13/16	1.812	46.0	1/4	0.250	6.4	9/16	0.563	14.3
AN931-12-26	3/4	0.750	19.1	1 5/8	1.625	41.3	2	2.000	50.8	1/16	0.062	1.6	3/8	0.375	9.5
AN931-A12-26	3/4	0.750	19.1	1 5/8	1.625	41.3	2	2.000	50.8	1/8	0.125	3.2	7/16	0.437	11.1
AN931-14-20	7/8	0.875	22.2	1 1/4	1.250	31.8	1 5/8	1.625	41.3	1/16	0.062	1.6	7/16	0.437	11.1
AN931-A14-20	7/8	0.875	22.2	1 1/4	1.250	31.8	1 5/8	1.625	41.3	1/8	0.125	3.2	1/2	0.500	12.7
AN931-B14-20	7/8	0.875	22.2	1 1/4	1.250	31.8	1 5/8	1.625	41.3	3/16	0.187	4.7	9/16	0.563	14.3
AN931-14-26	7/8	0.875	22.2	1 5/8	1.625	41.3	2	2.000	50.8	1/16	0.062	1.6	7/16	0.437	11.1
AN931-A14-26	7/8	0.875	22.2	1 5/8	1.625	41.3	2	2.000	50.8	1/8	0.125	3.2	1/2	0.500	12.7
AN931-16-22	1	1.000	25.4	1 3/8	1.375	34.9	1 3/4	1.750	44.5	1/16	0.062	1.6	7/16	0.437	11.1
AN931-A16-22	1	1.000	25.4	1 3/8	1.375	34.9	1 3/4	1.750	44.5	1/8	0.125	3.2	1/2	0.500	12.7
AN931-B16-22	1	1.000	25.4	1 3/8	1.375	34.9	1 3/4	1.750	44.5	3/16	0.187	4.7	9/16	0.563	14.3
AN931-C16-22	1	1.000	25.4	1 3/8	1.375	34.9	1 3/4	1.750	44.5	1/4	0.250	6.4	5/8	0.625	15.9
AN931-16-30	1	1.000	25.4	1 7/8	1.875	47.6	2 1/4	2.250	57.2	1/16	0.062	1.6	7/16	0.437	11.1
AN931-B16-30	1	1.000	25.4	1 7/8	1.875	47.6	2 1/4	2.250	57.2	3/16	0.187	4.7	9/16	0.563	14.3
AN931-A20-38	1 1/4	1.250	31.8	2 3/8	2.375	60.3	2 3/4	2.750	69.9	1/8	0.125	3.2	7/16	0.437	11.1
AN931-20-40	1 1/5	1.200	30.5	2 1/2	2.500	63.5	2 7/8	2.875	73.0	1/16	0.062	1.6	7/16	0.437	11.1
AN931-A20-40	1 1/4	1.250	31.8	2 1/2	2.500	63.5	2 7/8	2.875	73.0	1/8	0.125	3.2	7/16	0.437	11.1
AN931-24-28	1 1/2	1.500	38.1	1 3/4	1.750	44.5	2 1/8	2.125	54.0	1/16	0.062	1.6	7/16	0.437	11.1
AN931-A24-28	1 1/2	1.500	38.1	1 3/4	1.750	44.5	2 1/8	2.125	54.0	1/8	0.125	3.2	1/2	0.500	12.7
AN931-B24-28	1 1/2	1.500	38.1	1 3/4	1.750	44.5	2 1/8	2.125	54.0	3/16	0.187	4.7	9/16	0.563	14.3
AN931-C24-28	1 1/2	1.500	38.1	1 3/4	1.750	44.5	2 1/8	2.125	54.0	1/4	0.250	6.4	5/8	0.625	15.9
AN931-24-44	1 1/2	1.500	38.1	2 3/4	2.750	69.9	3 1/4	3.250	82.6	1/16	0.062	1.6	7/16	0.437	11.1