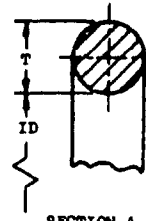
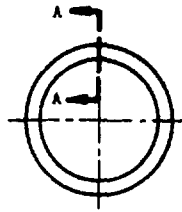


FEB SUP CLASS  
5330

MS9970



SECTION A-A

Review Activities  
Air Force - 82

PART NUMBER	ID IN.		ID (mm)		T IN.		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
MS9970-001	0.025	0.033	0.635	0.838	0.037	0.043	0.940	1.092	.002	0.001
MS9970-002	0.038	0.046	0.965	1.168	0.047	0.053	1.194	1.346	.004	0.002
MS9970-003	0.052	0.060	1.321	1.524	0.057	0.063	1.448	1.600	.007	0.003
MS9970-004	0.065	0.073	1.65	1.90	0.067	0.073	1.702	1.854	.012	0.005
MS9970-005	0.096	0.106	2.44	2.69	0.067	0.073	1.702	1.854	.015	0.007
MS9970-006	0.109	0.119	2.77	3.02	0.067	0.073	1.702	1.854	.016	0.007
MS9970-007	0.140	0.150	3.56	3.81	0.067	0.073	1.702	1.854	.019	0.009
MS9970-008	0.171	0.181	4.34	4.60	0.067	0.073	1.702	1.854	.022	0.010
MS9970-009	0.203	0.213	5.16	5.41	0.067	0.073	1.702	1.854	.024	0.011
MS9970-010	0.234	0.244	5.94	6.20	0.067	0.073	1.702	1.854	.027	0.012
MS9970-011	0.296	0.306	7.52	7.77	0.067	0.073	1.702	1.854	.032	0.015
MS9970-012	0.359	0.369	9.12	9.37	0.067	0.073	1.702	1.854	.037	0.017
MS9970-013	0.421	0.431	10.69	10.95	0.067	0.073	1.702	1.854	.043	0.020
MS9970-014	0.484	0.494	12.29	12.55	0.067	0.073	1.702	1.854	.049	0.022
MS9970-015	0.546	0.556	13.87	14.12	0.067	0.073	1.702	1.854	.054	0.024
MS9970-016	0.609	0.619	15.47	15.72	0.067	0.073	1.702	1.854	.060	0.027
MS9970-017	0.671	0.681	17.04	17.30	0.067	0.073	1.702	1.854	.065	0.029
MS9970-018	0.734	0.744	18.64	18.90	0.067	0.073	1.702	1.854	.071	0.032
MS9970-019	0.795	0.807	20.19	20.50	0.067	0.073	1.702	1.854	.076	0.034
MS9970-020	0.858	0.870	21.79	22.10	0.067	0.073	1.702	1.854	.081	0.037
MS9970-021	0.920	0.932	23.37	23.67	0.067	0.073	1.702	1.854	.086	0.039
MS9970-022	0.983	0.995	24.97	25.27	0.067	0.073	1.702	1.854	.092	0.042
MS9970-023	1.045	1.057	26.54	26.85	0.067	0.073	1.702	1.854	.098	0.044
MS9970-024	1.108	1.120	28.14	28.45	0.067	0.073	1.702	1.854	.103	0.047
MS9970-025	1.170	1.182	29.72	30.02	0.067	0.073	1.702	1.854	.109	0.049
MS9970-026	1.233	1.245	31.32	31.62	0.067	0.073	1.702	1.854	.114	0.052
MS9970-027	1.295	1.307	32.89	33.25	0.067	0.073	1.702	1.854	.120	0.054
MS9970-028	1.358	1.370	34.49	34.80	0.067	0.073	1.702	1.854	.125	0.057
MS9970-029	1.420	1.432	36.07	36.37	0.067	0.073	1.702	1.854	.135	0.061
MS9970-030	1.484	1.496	40.74	41.25	0.067	0.073	1.702	1.854	.147	0.067
MS9970-031	1.729	1.749	43.92	44.42	0.067	0.073	1.702	1.854	.158	0.072
MS9970-032	1.854	1.874	47.09	47.60	0.067	0.073	1.702	1.854	.168	0.076
MS9970-033	1.979	1.999	50.27	50.77	0.067	0.073	1.702	1.854	.179	0.081
MS9970-034	2.104	2.124	53.44	53.95	0.067	0.073	1.702	1.854	.190	0.086
MS9970-035	2.229	2.249	56.62	57.12	0.067	0.073	1.702	1.854	.201	0.091
MS9970-036	2.354	2.374	59.79	60.30	0.067	0.073	1.702	1.854	.212	0.096
MS9970-037	2.479	2.499	62.97	63.47	0.067	0.073	1.702	1.854	.222	0.101
MS9970-038	2.604	2.624	66.14	66.65	0.067	0.073	1.702	1.854	.234	0.106
MS9970-039	2.724	2.754	69.19	69.95	0.067	0.073	1.702	1.854	.245	0.111
MS9970-040	2.849	2.879	72.36	73.13	0.067	0.073	1.702	1.854	.256	0.116
MS9970-041	2.974	3.004	75.54	76.30	0.067	0.073	1.702	1.854	.266	0.121
MS9970-042	3.124	3.254	81.89	82.65	0.067	0.073	1.702	1.854	.288	0.131
MS9970-043	3.474	3.504	88.24	89.00	0.067	0.073	1.702	1.854	.310	0.141
MS9970-044	3.724	3.754	94.59	95.35	0.067	0.073	1.702	1.854	.332	0.151
MS9970-045	3.974	4.004	100.94	101.70	0.067	0.073	1.702	1.854	.354	0.161
MS9970-046	4.224	4.254	107.29	108.05	0.067	0.073	1.702	1.854	.375	0.170
MS9970-047	4.474	4.504	113.64	114.40	0.067	0.073	1.702	1.854	.397	0.180
MS9970-048	4.724	4.754	119.99	120.75	0.067	0.073	1.702	1.854	.418	0.190
MS9970-049	4.966	5.012	126.14	127.30	0.067	0.073	1.702	1.854	.441	0.200
MS9970-050	5.216	5.262	132.49	133.65	0.067	0.073	1.702	1.854	.462	0.210
MS9970-102	0.044	0.054	1.12	1.37	0.100	0.106	2.540	2.692	.029	0.013
MS9970-103	0.076	0.086	1.93	2.18	0.100	0.106	2.540	2.692	.035	0.016
MS9970-104	0.107	0.117	2.72	2.97	0.100	0.106	2.540	2.692	.040	0.018
MS9970-105	0.138	0.148	3.51	3.76	0.100	0.106	2.540	2.692	.046	0.021

This standard has been approved by the Department of the Air Force (III) and the Department of the Navy (ASD) is mandatory for use by their activity. All other military activities are required to comply with this standard when applicable.

P.A. Air Force-11 Other Code Navy - AS	INTERNATIONAL INTEREST ASCC AIR STD 17/27	TITLE  PACKING PREFORMED - AMS 7279 'O' RING	MILITARY STANDARD  <b>MS9970</b>
PROCUREMENT SPECIFICATION AMS7279		SUPERSEDES	SHEET 1 OF 7

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 9 June 72 REVISED

**MS9970**FED SUP CLASS  
5330Review Activities  
Air Force-82

PART NUMBER	ID IN		ID (mm)		T IN.		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
MS9970-106	0.169	0.179	4.29	4.55	0.100	0.106	2.540	2.692	.053	0.024
MS9970-107	0.201	0.211	5.11	5.36	0.100	0.106	2.540	2.692	.058	0.026
MS9970-108	0.232	0.242	5.89	6.15	0.100	0.106	2.540	2.692	.064	0.029
MS9970-109	0.294	0.304	7.47	7.72	0.100	0.106	2.540	2.692	.076	0.034
MS9970-110	0.357	0.367	9.07	9.32	0.100	0.106	2.540	2.692	.088	0.040
MS9970-111	0.419	0.429	10.64	10.90	0.100	0.106	2.540	2.692	.099	0.045
MS9970-112	0.482	0.492	12.24	12.50	0.100	0.106	2.540	2.692	.111	0.050
MS9970-113	0.544	0.554	13.82	14.07	0.100	0.106	2.540	2.692	.123	0.056
MS9970-114	0.607	0.617	15.42	15.67	0.100	0.106	2.540	2.692	.135	0.061
MS9970-115	0.669	0.679	16.99	17.25	0.100	0.106	2.540	2.692	.146	0.066
MS9970-116	0.732	0.742	18.59	18.85	0.100	0.106	2.540	2.692	.158	0.072
MS9970-117	0.795	0.805	20.14	20.45	0.100	0.106	2.540	2.692	.170	0.077
MS9970-118	0.856	0.866	21.74	22.05	0.100	0.106	2.540	2.692	.182	0.083
MS9970-119	0.918	0.930	23.32	23.62	0.100	0.106	2.540	2.692	.194	0.088
MS9970-120	0.981	0.993	24.92	25.27	0.100	0.106	2.540	2.692	.205	0.093
MS9970-121	1.043	1.055	26.49	26.80	0.100	0.106	2.540	2.692	.217	0.098
MS9970-122	1.106	1.118	28.09	28.40	0.100	0.106	2.540	2.692	.229	0.104
MS9970-123	1.168	1.180	29.67	29.97	0.100	0.106	2.540	2.692	.240	0.109
MS9970-124	1.231	1.243	31.27	31.57	0.100	0.106	2.540	2.692	.251	0.115
MS9970-125	1.293	1.305	32.84	33.15	0.100	0.106	2.540	2.692	.264	0.120
MS9970-126	1.356	1.368	34.44	34.75	0.100	0.106	2.540	2.692	.276	0.125
MS9970-127	1.418	1.430	36.02	36.32	0.100	0.106	2.540	2.692	.288	0.131
MS9970-128	1.481	1.493	37.62	37.92	0.100	0.106	2.540	2.692	.300	0.136
MS9970-129	1.543	1.555	39.09	39.60	0.100	0.106	2.540	2.692	.311	0.141
MS9970-130	1.602	1.622	40.69	41.20	0.100	0.106	2.540	2.692	.323	0.147
MS9970-131	1.664	1.684	42.27	42.77	0.100	0.106	2.540	2.692	.335	0.152
MS9970-132	1.727	1.747	43.87	44.37	0.100	0.106	2.540	2.692	.347	0.157
MS9970-133	1.789	1.809	45.44	45.95	0.100	0.106	2.540	2.692	.359	0.163
MS9970-134	1.852	1.872	47.04	47.55	0.100	0.106	2.540	2.692	.370	0.168
MS9970-135	1.915	1.935	48.64	49.15	0.100	0.106	2.540	2.692	.382	0.173
MS9970-136	1.977	1.997	50.22	50.72	0.100	0.106	2.540	2.692	.394	0.179
MS9970-137	2.040	2.060	51.82	52.32	0.100	0.106	2.540	2.692	.406	0.184
MS9970-138	2.102	2.122	53.39	53.90	0.100	0.106	2.540	2.692	.418	0.190
MS9970-139	2.165	2.185	54.99	55.50	0.100	0.106	2.540	2.692	.429	0.195
MS9970-140	2.227	2.247	56.57	57.07	0.100	0.106	2.540	2.692	.441	0.200
MS9970-141	2.290	2.310	58.17	58.67	0.100	0.106	2.540	2.692	.453	0.205
MS9970-142	2.352	2.372	59.74	60.25	0.100	0.106	2.540	2.692	.464	0.210
MS9970-143	2.415	2.435	61.34	61.85	0.100	0.106	2.540	2.692	.477	0.216
MS9970-144	2.477	2.497	62.92	63.42	0.100	0.106	2.540	2.692	.488	0.221
MS9970-145	2.540	2.560	64.52	65.02	0.100	0.106	2.540	2.692	.500	0.227
MS9970-146	2.602	2.622	66.09	66.60	0.100	0.106	2.540	2.692	.512	0.232
MS9970-147	2.660	2.690	67.56	68.11	0.100	0.106	2.540	2.692	.523	0.237
MS9970-148	2.722	2.752	69.14	69.90	0.100	0.106	2.540	2.692	.535	0.243
MS9970-149	2.785	2.815	70.74	71.50	0.100	0.106	2.540	2.692	.547	0.248
MS9970-150	2.847	2.877	72.31	73.08	0.100	0.106	2.540	2.692	.559	0.254
MS9970-151	2.912	2.942	73.89	74.65	0.100	0.106	2.540	2.692	.571	0.260
MS9970-152	2.972	3.002	75.44	76.20	0.100	0.106	2.540	2.692	.583	0.265
MS9970-153	3.032	3.062	76.99	77.75	0.100	0.106	2.540	2.692	.595	0.271
MS9970-154	3.092	3.122	78.54	79.30	0.100	0.106	2.540	2.692	.607	0.276
MS9970-155	3.152	3.182	80.09	80.85	0.100	0.106	2.540	2.692	.619	0.282
MS9970-156	3.212	3.242	81.64	82.40	0.100	0.106	2.540	2.692	.631	0.287
MS9970-157	3.272	3.302	83.19	83.95	0.100	0.106	2.540	2.692	.643	0.293
MS9970-158	3.332	3.362	84.74	85.50	0.100	0.106	2.540	2.692	.655	0.298
MS9970-159	3.392	3.422	86.29	87.05	0.100	0.106	2.540	2.692	.667	0.304
MS9970-160	3.452	3.482	87.84	88.60	0.100	0.106	2.540	2.692	.679	0.309

APPROVED 9 June '72 REVISED

P. A. Air Force-11 Other Civil Navy-AS	<b>INTERNATIONAL INTEREST</b> ASCC AIR 6TD 17/27	<b>TITLE</b> PACKING, PREFORMED - AMS 7279, 'O' RING	<b>MILITARY STANDARD</b>  <b>MS9970</b>
<b>PROCUREMENT SPECIFICATION</b> AMS7279		<b>SUPERSEDES</b>	<b>SHEET 2 OF 7</b>

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

This standard has been approved by the Department of the Air Force (III) and the Department of the Navy (ASCC) and is mandatory for use by all military activities. All other military activities are required to comply with this standard where applicable.

FED SUP CLASS  
5330

MS9970

Review Activities  
Air Force - 82

PART NUMBER	ID IN		T (mm)		H (mm)		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LP/100	KP/100
MS9970-161	5.464	5.510	138.79	139.95	0.133	0.106	2.540	2.692	1.053	0.478
MS9970-162	5.714	5.767	145.14	146.37	0.100	0.106	2.540	2.692	1.101	0.499
MS9970-163	5.764	5.810	151.49	152.65	0.107	0.106	2.540	2.692	1.148	0.521
MS9970-164	6.214	6.260	157.84	159.07	0.100	0.106	2.540	2.692	1.195	0.542
MS9970-165	6.464	6.517	164.19	165.35	0.100	0.106	2.540	2.692	1.242	0.563
MS9970-166	6.714	6.760	170.54	171.77	0.133	0.106	2.540	2.692	1.289	0.585
MS9970-167	6.764	6.810	176.89	178.05	0.100	0.106	2.540	2.692	1.336	0.606
MS9970-168	7.214	7.267	183.24	184.50	0.107	0.106	2.540	2.692	1.383	0.627
MS9970-169	7.464	7.517	189.59	190.91	0.100	0.106	2.540	2.692	1.431	0.649
MS9970-170	7.714	7.767	195.94	197.20	0.107	0.106	2.540	2.692	1.477	0.670
MS9970-171	7.964	8.017	202.29	203.61	0.133	0.106	2.540	2.692	1.525	0.692
MS9970-172	8.214	8.267	208.64	209.90	0.100	0.106	2.540	2.692	1.572	0.713
MS9970-173	8.464	8.517	214.99	216.33	0.100	0.106	2.540	2.692	1.619	0.734
MS9970-174	8.714	8.767	221.34	222.60	0.100	0.106	2.540	2.692	1.666	0.756
MS9970-175	8.964	9.017	227.69	229.03	0.100	0.106	2.540	2.692	1.713	0.777
MS9970-176	9.214	9.267	234.04	235.38	0.133	0.106	2.540	2.692	1.760	0.798
MS9970-177	9.464	9.517	240.39	241.73	0.100	0.106	2.540	2.692	1.807	0.820
MS9970-178	9.714	9.767	246.74	248.00	0.100	0.106	2.540	2.692	1.855	0.841
MS9970-201	0.166	0.176	4.22	4.47	0.135	0.143	3.429	3.632	107	0.049
MS9970-202	0.229	0.239	5.82	6.07	0.135	0.143	3.429	3.632	120	0.058
MS9970-203	0.291	0.301	7.42	7.65	0.135	0.143	3.429	3.632	133	0.068
MS9970-204	0.354	0.364	9.02	9.25	0.135	0.143	3.429	3.632	146	0.078
MS9970-205	0.416	0.426	10.62	10.87	0.135	0.143	3.429	3.632	159	0.087
MS9970-206	0.479	0.489	12.22	12.47	0.135	0.143	3.429	3.632	172	0.097
MS9970-207	0.541	0.551	13.82	14.07	0.135	0.143	3.429	3.632	185	0.107
MS9970-208	0.604	0.614	15.42	15.67	0.135	0.143	3.429	3.632	198	0.117
MS9970-209	0.666	0.676	17.02	17.27	0.135	0.143	3.429	3.632	211	0.126
MS9970-210	0.729	0.739	18.62	18.87	0.135	0.143	3.429	3.632	224	0.136
MS9970-211	0.791	0.802	20.22	20.47	0.135	0.143	3.429	3.632	237	0.146
MS9970-212	0.854	0.864	21.82	22.07	0.135	0.143	3.429	3.632	250	0.155
MS9970-213	0.916	0.927	23.42	23.67	0.135	0.143	3.429	3.632	263	0.165
MS9970-214	0.979	0.990	25.02	25.27	0.135	0.143	3.429	3.632	276	0.175
MS9970-215	1.041	1.052	26.62	26.87	0.135	0.143	3.429	3.632	289	0.185
MS9970-216	1.104	1.115	28.22	28.47	0.135	0.143	3.429	3.632	302	0.194
MS9970-217	1.166	1.177	29.82	30.07	0.135	0.143	3.429	3.632	315	0.204
MS9970-218	1.229	1.240	31.42	31.67	0.135	0.143	3.429	3.632	328	0.214
MS9970-219	1.291	1.302	33.02	33.27	0.135	0.143	3.429	3.632	341	0.224
MS9970-220	1.354	1.365	34.62	34.87	0.135	0.143	3.429	3.632	354	0.234
MS9970-221	1.416	1.427	36.22	36.47	0.135	0.143	3.429	3.632	367	0.244
MS9970-222	1.479	1.490	37.82	38.07	0.135	0.143	3.429	3.632	380	0.254
MS9970-223	1.541	1.552	39.42	39.67	0.135	0.143	3.429	3.632	393	0.264
MS9970-224	1.604	1.615	41.02	41.27	0.135	0.143	3.429	3.632	406	0.274
MS9970-225	1.666	1.677	42.62	42.87	0.135	0.143	3.429	3.632	419	0.284
MS9970-226	1.729	1.740	44.22	44.47	0.135	0.143	3.429	3.632	432	0.294
MS9970-227	1.791	1.802	45.82	46.07	0.135	0.143	3.429	3.632	445	0.304
MS9970-228	1.854	1.865	47.42	47.67	0.135	0.143	3.429	3.632	458	0.314
MS9970-229	1.916	1.927	49.02	49.27	0.135	0.143	3.429	3.632	471	0.324
MS9970-230	1.979	1.990	50.62	50.87	0.135	0.143	3.429	3.632	484	0.334
MS9970-231	2.041	2.052	52.22	52.47	0.135	0.143	3.429	3.632	497	0.344
MS9970-232	2.104	2.115	53.82	54.07	0.135	0.143	3.429	3.632	510	0.354
MS9970-233	2.166	2.177	55.42	55.67	0.135	0.143	3.429	3.632	523	0.364
MS9970-234	2.229	2.240	57.02	57.27	0.135	0.143	3.429	3.632	536	0.374
MS9970-235	2.291	2.302	58.62	58.87	0.135	0.143	3.429	3.632	549	0.384
MS9970-236	2.354	2.365	60.22	60.47	0.135	0.143	3.429	3.632	562	0.394
MS9970-237	2.416	2.427	61.82	62.07	0.135	0.143	3.429	3.632	575	0.404
MS9970-238	2.479	2.490	63.42	63.67	0.135	0.143	3.429	3.632	588	0.414
MS9970-239	2.541	2.552	65.02	65.27	0.135	0.143	3.429	3.632	601	0.424
MS9970-240	2.604	2.615	66.62	66.87	0.135	0.143	3.429	3.632	614	0.434
MS9970-241	2.666	2.677	68.22	68.47	0.135	0.143	3.429	3.632	627	0.444
MS9970-242	2.729	2.740	69.82	70.07	0.135	0.143	3.429	3.632	640	0.454
MS9970-243	2.791	2.802	71.42	71.67	0.135	0.143	3.429	3.632	653	0.464
MS9970-244	2.854	2.865	73.02	73.27	0.135	0.143	3.429	3.632	666	0.474
MS9970-245	2.916	2.927	74.62	74.87	0.135	0.143	3.429	3.632	679	0.484
MS9970-246	2.979	2.990	76.22	76.47	0.135	0.143	3.429	3.632	692	0.494
MS9970-247	3.041	3.052	77.82	78.07	0.135	0.143	3.429	3.632	705	0.504

This standard has been approved by the Department of the Air Force (III) and the Department of the Navy (AS) and is mandatory for use by all military activities. All other military activities are required to comply with this standard where applicable.

P.A. Air Force-III Other Cast Navy-AS	INTERNATIONAL INTEREST ASCC AIR STD 17/27	TITLE PARKIN REFORMED AIR 2729 (1) 010	MILITARY STANDARD <b>MS9970</b>
PROCUREMENT SPECIFICATION AM37279		SUPERSEDES	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 9 June 72 REVISED

**MS9970**FED. SUP CLASS  
5330Review Activities  
Air Force - B2

PART NUMBER	ID IN.		ID (mm)		T IN		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
MS9970-236	3.219	3.249	81.76	82.52	0.135	0.143	3.429	3.632	1.158	0.525
MS9970-237	3.344	3.374	84.94	85.70	0.135	0.143	3.429	3.632	1.201	0.545
MS9970-238	3.469	3.499	88.11	88.87	0.135	0.143	3.429	3.632	1.243	0.564
MS9970-239	3.594	3.624	91.29	92.05	0.135	0.143	3.429	3.632	1.287	0.584
MS9970-240	3.719	3.749	94.46	95.22	0.135	0.143	3.429	3.632	1.329	0.603
MS9970-241	3.844	3.874	97.64	98.40	0.135	0.143	3.429	3.632	1.372	0.622
MS9970-242	3.969	3.999	100.81	101.57	0.135	0.143	3.429	3.632	1.416	0.642
MS9970-243	4.094	4.124	103.99	104.75	0.135	0.143	3.429	3.632	1.458	0.661
MS9970-244	4.219	4.249	107.16	107.92	0.135	0.143	3.429	3.632	1.501	0.681
MS9970-245	4.344	4.374	110.34	111.10	0.135	0.143	3.429	3.632	1.544	0.700
MS9970-246	4.469	4.499	113.51	114.27	0.135	0.143	3.429	3.632	1.587	0.720
MS9970-247	4.594	4.624	116.69	117.45	0.135	0.143	3.429	3.632	1.629	0.739
MS9970-248	4.719	4.749	119.86	120.62	0.135	0.143	3.429	3.632	1.673	0.759
MS9970-249	4.844	4.874	123.04	123.80	0.135	0.143	3.429	3.632	1.716	0.778
MS9970-250	4.969	4.999	126.21	126.97	0.135	0.143	3.429	3.632	1.758	0.797
MS9970-251	5.094	5.124	129.38	130.15	0.135	0.143	3.429	3.632	1.801	0.817
MS9970-252	5.219	5.250	132.56	133.33	0.135	0.143	3.429	3.632	1.844	0.836
MS9970-253	5.344	5.382	135.73	136.50	0.135	0.143	3.429	3.632	1.887	0.856
MS9970-254	5.469	5.507	138.91	139.68	0.135	0.143	3.429	3.632	1.930	0.875
MS9970-255	5.594	5.632	142.08	142.85	0.135	0.143	3.429	3.632	1.973	0.895
MS9970-256	5.719	5.757	145.26	146.03	0.135	0.143	3.429	3.632	2.016	0.914
MS9970-257	5.844	5.882	148.43	149.20	0.135	0.143	3.429	3.632	2.058	0.933
MS9970-258	5.969	6.007	151.61	152.38	0.135	0.143	3.429	3.632	2.102	0.953
MS9970-259	6.094	6.132	154.78	155.55	0.135	0.143	3.429	3.632	2.145	0.972
MS9970-260	6.219	6.257	157.96	158.73	0.135	0.143	3.429	3.632	2.187	1.011
MS9970-261	6.344	6.382	161.13	161.90	0.135	0.143	3.429	3.632	2.230	1.030
MS9970-262	6.469	6.507	164.31	165.08	0.135	0.143	3.429	3.632	2.273	1.049
MS9970-263	6.594	6.632	167.48	168.25	0.135	0.143	3.429	3.632	2.316	1.068
MS9970-264	6.719	6.757	170.66	171.43	0.135	0.143	3.429	3.632	2.358	1.087
MS9970-265	6.844	6.882	173.83	174.60	0.135	0.143	3.429	3.632	2.401	1.106
MS9970-266	6.969	7.007	177.01	177.78	0.135	0.143	3.429	3.632	2.444	1.125
MS9970-267	7.094	7.132	180.18	180.95	0.135	0.143	3.429	3.632	2.487	1.144
MS9970-268	7.219	7.257	183.36	184.13	0.135	0.143	3.429	3.632	2.530	1.163
MS9970-269	7.344	7.382	186.53	187.30	0.135	0.143	3.429	3.632	2.573	1.182
MS9970-270	7.469	7.507	189.71	190.48	0.135	0.143	3.429	3.632	2.616	1.201
MS9970-271	7.594	7.632	192.88	193.65	0.135	0.143	3.429	3.632	2.658	1.220
MS9970-272	7.719	7.757	196.06	196.83	0.135	0.143	3.429	3.632	2.701	1.239
MS9970-273	7.844	7.882	199.23	200.00	0.135	0.143	3.429	3.632	2.744	1.258
MS9970-274	7.969	8.007	202.41	203.18	0.135	0.143	3.429	3.632	2.787	1.277
MS9970-275	8.094	8.132	205.58	206.35	0.135	0.143	3.429	3.632	2.830	1.296
MS9970-276	8.219	8.257	208.76	209.53	0.135	0.143	3.429	3.632	2.873	1.315
MS9970-277	8.344	8.382	211.93	212.70	0.135	0.143	3.429	3.632	2.916	1.334
MS9970-278	8.469	8.507	215.11	215.88	0.135	0.143	3.429	3.632	2.958	1.353
MS9970-279	8.594	8.632	218.28	219.05	0.135	0.143	3.429	3.632	3.001	1.372
MS9970-280	8.719	8.757	221.46	222.23	0.135	0.143	3.429	3.632	3.044	1.391
MS9970-281	8.844	8.882	224.63	225.40	0.135	0.143	3.429	3.632	3.087	1.410
MS9970-282	8.969	9.007	227.81	228.58	0.135	0.143	3.429	3.632	3.130	1.429
MS9970-283	9.094	9.132	230.98	231.75	0.135	0.143	3.429	3.632	3.173	1.448
MS9970-284	9.219	9.257	234.16	234.93	0.135	0.143	3.429	3.632	3.216	1.467
MS9970-285	9.344	9.382	237.33	238.10	0.135	0.143	3.429	3.632	3.258	1.486
MS9970-286	9.469	9.507	240.51	241.28	0.135	0.143	3.429	3.632	3.301	1.505
MS9970-287	9.594	9.632	243.68	244.45	0.135	0.143	3.429	3.632	3.344	1.524
MS9970-288	9.719	9.757	246.86	247.63	0.135	0.143	3.429	3.632	3.387	1.543
MS9970-289	9.844	9.882	250.03	250.80	0.135	0.143	3.429	3.632	3.430	1.562
MS9970-290	9.969	10.007	253.21	253.98	0.135	0.143	3.429	3.632	3.473	1.581
MS9970-291	10.094	10.132	256.38	257.15	0.135	0.143	3.429	3.632	3.516	1.600
MS9970-292	10.219	10.257	259.56	260.33	0.135	0.143	3.429	3.632	3.558	1.619
MS9970-293	10.344	10.382	262.73	263.50	0.135	0.143	3.429	3.632	3.601	1.638
MS9970-294	10.469	10.507	265.91	266.68	0.135	0.143	3.429	3.632	3.644	1.657
MS9970-295	10.594	10.632	269.08	269.85	0.135	0.143	3.429	3.632	3.687	1.676
MS9970-296	10.719	10.757	272.26	273.03	0.135	0.143	3.429	3.632	3.730	1.695
MS9970-297	10.844	10.882	275.43	276.20	0.135	0.143	3.429	3.632	3.773	1.714
MS9970-298	10.969	11.007	278.61	279.38	0.135	0.143	3.429	3.632	3.816	1.733
MS9970-299	11.094	11.132	281.78	282.55	0.135	0.143	3.429	3.632	3.858	1.752
MS9970-300	11.219	11.257	284.96	285.73	0.135	0.143	3.429	3.632	3.901	1.771
MS9970-301	11.344	11.382	288.13	288.90	0.135	0.143	3.429	3.632	3.944	1.790
MS9970-302	11.469	11.507	291.31	292.08	0.135	0.143	3.429	3.632	3.987	1.809
MS9970-303	11.594	11.632	294.48	295.25	0.135	0.143	3.429	3.632	4.030	1.828
MS9970-304	11.719	11.757	297.66	298.43	0.135	0.143	3.429	3.632	4.073	1.847
MS9970-305	11.844	11.882	300.83	301.60	0.135	0.143	3.429	3.632	4.116	1.866
MS9970-306	11.969	12.007	304.01	304.78	0.135	0.143	3.429	3.632	4.158	1.885
MS9970-307	12.094	12.132	307.18	307.95	0.135	0.143	3.429	3.632	4.201	1.904
MS9970-308	12.219	12.257	310.36	311.13	0.135	0.143	3.429	3.632	4.244	1.923
MS9970-309	12.344	12.382	313.53	314.30	0.135	0.143	3.429	3.632	4.287	1.942
MS9970-310	12.469	12.507	316.71	317.48	0.135	0.143	3.429	3.632	4.330	1.961
MS9970-311	12.594	12.632	319.88	320.65	0.135	0.143	3.429	3.632	4.373	1.980
MS9970-312	12.719	12.757	323.06	323.83	0.135	0.143	3.429	3.632	4.416	2.000
MS9970-313	12.844	12.882	326.23	327.00	0.135	0.143	3.429	3.632	4.458	2.019
MS9970-314	12.969	13.007	329.41	330.18	0.135	0.143	3.429	3.632	4.501	2.038
MS9970-315	13.094	13.132	332.58	333.35	0.135	0.143	3.429	3.632	4.544	2.057
MS9970-316	13.219	13.257	335.76	336.53	0.135	0.143	3.429	3.632	4.587	2.076
MS9970-317	13.344	13.382	338.93	339.70	0.135	0.143	3.429	3.632	4.630	2.095
MS9970-318	13.469	13.507	342.11	342.88	0.135	0.143	3.429	3.632	4.673	2.114
MS9970-319	13.594	13.632	345.28	346.05	0.135	0.143	3.429	3.632	4.716	2.133
MS9970-320	13.719	13.757	348.46	349.23	0.135	0.143	3.429	3.632	4.758	2.152
MS9970-321	13.844	13.882	351.63	352.40	0.135	0.143	3.429	3.632	4.801	2.171
MS9970-322	13.969	14.007	354.81	355.58	0.135	0.143	3.429	3.632	4.844	2.190
MS9970-323	14.094	14.132	357.98	358.75	0.135	0.143	3.429	3.632	4.887	2.209
MS9970-324	14.219	14.257	361.16	361.93	0.135	0.143	3.429	3.632	4.930	2.228
MS9970-325	14.344	14.382	364.33	365.10	0.135	0.143	3.429	3.632	4.973	2.247
MS9970-326	14.469	14.507	367.51	368.28	0.135	0.143	3.429	3.632	5.016	2.266
MS9970-327	14.594	14.632	370.68	371.45	0.135	0.143	3.429	3.632	5.058	2.285
MS9970-328	14.719	14.757	373.86	374.63	0.135	0.143	3.429	3.632	5.101	2.304
MS9970-329	14.844	14.882	377.03	377.80	0.135	0.143	3.429	3.632	5.144	2.323
MS9970-330	14.969	15.007	380.21	380.98	0.135	0.143	3.429	3.632	5.187	2.342
MS9970-331	15.094	15.132	383.38	384.15	0.135	0.143	3.429	3.632	5.230	2.361
MS9970-332	15.219	15.257	386.56	387.33	0.135	0.143	3.429	3.632	5.273	2.380
MS9970-333	15.344	15.382	389.73	390.50	0.135	0.143	3.429	3.632	5.316	2.399
MS9970-334	15.									

**MS9970**PED SUP CLASS  
3330Review Activities  
Air Force - 82

This standard has been approved by the Department of the Air Force and the Department of the Navy (AS) and is mandatory for use by personnel and activities. All activities are required to comply. This standard where suitable.

PART NUMBER	ID IN		ID (mm)		T IN		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/OZ	kg/Lb
MS9970-314	0.719	0.731	18.26	18.57	0.205	0.215	5.21	5.46	732	0.332
MS9970-315	0.781	0.793	19.84	20.14	0.205	0.215	5.21	5.46	781	0.354
MS9970-316	0.444	0.456	21.44	21.74	0.205	0.215	5.21	5.46	830	0.376
MS9970-317	0.406	0.418	23.01	23.32	0.205	0.215	5.21	5.46	878	0.399
MS9970-318	0.964	0.981	24.61	24.92	0.205	0.215	5.21	5.46	928	0.421
MS9970-319	1.031	1.043	26.19	26.49	0.205	0.215	5.21	5.46	977	0.443
MS9970-320	1.094	1.106	27.79	28.09	0.205	0.215	5.21	5.46	1026	0.465
MS9970-321	1.156	1.168	29.36	29.67	0.205	0.215	5.21	5.46	1075	0.488
MS9970-322	1.219	1.231	30.96	31.27	0.205	0.215	5.21	5.46	1124	0.510
MS9970-323	1.281	1.293	32.54	32.84	0.205	0.215	5.21	5.46	1173	0.532
MS9970-324	1.344	1.356	34.14	34.44	0.205	0.215	5.21	5.46	1222	0.554
MS9970-325	1.405	1.418	35.72	36.02	0.205	0.215	5.21	5.46	1270	0.576
MS9970-326	1.468	1.480	37.30	37.60	0.205	0.215	5.21	5.46	1318	0.598
MS9970-327	1.530	1.542	38.88	39.18	0.205	0.215	5.21	5.46	1366	0.620
MS9970-328	1.593	1.605	40.46	40.76	0.205	0.215	5.21	5.46	1414	0.642
MS9970-329	1.655	1.668	42.04	42.34	0.205	0.215	5.21	5.46	1462	0.664
MS9970-330	1.718	1.730	43.62	43.92	0.205	0.215	5.21	5.46	1510	0.686
MS9970-331	1.780	1.793	45.20	45.50	0.205	0.215	5.21	5.46	1558	0.708
MS9970-332	1.843	1.855	46.78	47.08	0.205	0.215	5.21	5.46	1606	0.730
MS9970-333	1.905	1.918	48.36	48.66	0.205	0.215	5.21	5.46	1654	0.752
MS9970-334	1.968	1.980	49.94	50.24	0.205	0.215	5.21	5.46	1702	0.774
MS9970-335	2.030	2.043	51.52	51.82	0.205	0.215	5.21	5.46	1750	0.796
MS9970-336	2.093	2.105	53.10	53.40	0.205	0.215	5.21	5.46	1798	0.818
MS9970-337	2.155	2.168	54.68	54.98	0.205	0.215	5.21	5.46	1846	0.840
MS9970-338	2.218	2.230	56.26	56.56	0.205	0.215	5.21	5.46	1894	0.862
MS9970-339	2.280	2.293	57.84	58.14	0.205	0.215	5.21	5.46	1942	0.884
MS9970-340	2.343	2.355	59.42	59.72	0.205	0.215	5.21	5.46	1990	0.906
MS9970-341	2.405	2.418	61.00	61.30	0.205	0.215	5.21	5.46	2038	0.928
MS9970-342	2.468	2.480	62.58	62.88	0.205	0.215	5.21	5.46	2086	0.950
MS9970-343	2.530	2.543	64.16	64.46	0.205	0.215	5.21	5.46	2134	0.972
MS9970-344	2.593	2.605	65.74	66.04	0.205	0.215	5.21	5.46	2182	0.994
MS9970-345	2.655	2.668	67.32	67.62	0.205	0.215	5.21	5.46	2230	1.016
MS9970-346	2.718	2.730	68.90	69.20	0.205	0.215	5.21	5.46	2278	1.038
MS9970-347	2.780	2.793	70.48	70.78	0.205	0.215	5.21	5.46	2326	1.060
MS9970-348	2.843	2.855	72.06	72.36	0.205	0.215	5.21	5.46	2374	1.082
MS9970-349	2.905	2.918	73.64	73.94	0.205	0.215	5.21	5.46	2422	1.104
MS9970-350	2.968	2.980	75.22	75.52	0.205	0.215	5.21	5.46	2470	1.126
MS9970-351	3.030	3.043	76.80	77.10	0.205	0.215	5.21	5.46	2518	1.148
MS9970-352	3.093	3.105	78.38	78.68	0.205	0.215	5.21	5.46	2566	1.170
MS9970-353	3.155	3.168	79.96	80.26	0.205	0.215	5.21	5.46	2614	1.192
MS9970-354	3.218	3.230	81.54	81.84	0.205	0.215	5.21	5.46	2662	1.214
MS9970-355	3.280	3.293	83.12	83.42	0.205	0.215	5.21	5.46	2710	1.236
MS9970-356	3.343	3.355	84.70	85.00	0.205	0.215	5.21	5.46	2758	1.258
MS9970-357	3.405	3.418	86.28	86.58	0.205	0.215	5.21	5.46	2806	1.280
MS9970-358	3.468	3.480	87.86	88.16	0.205	0.215	5.21	5.46	2854	1.302
MS9970-359	3.530	3.543	89.44	89.74	0.205	0.215	5.21	5.46	2902	1.324
MS9970-360	3.593	3.605	91.02	91.32	0.205	0.215	5.21	5.46	2950	1.346
MS9970-361	3.655	3.668	92.60	92.90	0.205	0.215	5.21	5.46	3000	1.368
MS9970-362	3.718	3.730	94.18	94.48	0.205	0.215	5.21	5.46	3048	1.390
MS9970-363	3.780	3.793	95.76	96.06	0.205	0.215	5.21	5.46	3096	1.412
MS9970-364	3.843	3.855	97.34	97.64	0.205	0.215	5.21	5.46	3144	1.434
MS9970-365	3.905	3.918	98.92	99.22	0.205	0.215	5.21	5.46	3192	1.456
MS9970-366	3.968	3.980	100.50	100.80	0.205	0.215	5.21	5.46	3240	1.478
MS9970-367	4.030	4.043	102.08	102.38	0.205	0.215	5.21	5.46	3288	1.500
MS9970-368	4.093	4.105	103.66	103.96	0.205	0.215	5.21	5.46	3336	1.522
MS9970-369	4.155	4.168	105.24	105.54	0.205	0.215	5.21	5.46	3384	1.544
MS9970-370	4.218	4.230	106.82	107.12	0.205	0.215	5.21	5.46	3432	1.566
MS9970-371	4.280	4.293	108.40	108.70	0.205	0.215	5.21	5.46	3480	1.588
MS9970-372	4.343	4.355	110.00	110.30	0.205	0.215	5.21	5.46	3528	1.610
MS9970-373	4.405	4.418	111.60	111.90	0.205	0.215	5.21	5.46	3576	1.632
MS9970-374	4.468	4.480	113.20	113.50	0.205	0.215	5.21	5.46	3624	1.654
MS9970-375	4.530	4.543	114.80	115.10	0.205	0.215	5.21	5.46	3672	1.676
MS9970-376	4.593	4.605	116.40	116.70	0.205	0.215	5.21	5.46	3720	1.698
MS9970-377	4.655	4.668	118.00	118.30	0.205	0.215	5.21	5.46	3768	1.720
MS9970-378	4.718	4.730	119.60	119.90	0.205	0.215	5.21	5.46	3816	1.742
MS9970-379	4.780	4.793	121.20	121.50	0.205	0.215	5.21	5.46	3864	1.764
MS9970-380	4.843	4.855	122.80	123.10	0.205	0.215	5.21	5.46	3912	1.786
MS9970-381	4.905	4.918	124.40	124.70	0.205	0.215	5.21	5.46	3960	1.808
MS9970-382	4.968	4.980	126.00	126.30	0.205	0.215	5.21	5.46	4008	1.830
MS9970-383	5.030	5.043	127.60	127.90	0.205	0.215	5.21	5.46	4056	1.852
MS9970-384	5.093	5.105	129.20	129.50	0.205	0.215	5.21	5.46	4104	1.874
MS9970-385	5.155	5.168	130.80	131.10	0.205	0.215	5.21	5.46	4152	1.896
MS9970-386	5.218	5.230	132.40	132.70	0.205	0.215	5.21	5.46	4200	1.918
MS9970-387	5.280	5.293	134.00	134.30	0.205	0.215	5.21	5.46	4248	1.940
MS9970-388	5.343	5.355	135.60	135.90	0.205	0.215	5.21	5.46	4296	1.962
MS9970-389	5.405	5.418	137.20	137.50	0.205	0.215	5.21	5.46	4344	1.984
MS9970-390	5.468	5.480	138.80	139.10	0.205	0.215	5.21	5.46	4392	2.006
MS9970-391	5.530	5.543	140.40	140.70	0.205	0.215	5.21	5.46	4440	2.028
MS9970-392	5.593	5.605	142.00	142.30	0.205	0.215	5.21	5.46	4488	2.050
MS9970-393	5.655	5.668	143.60	143.90	0.205	0.215	5.21	5.46	4536	2.072
MS9970-394	5.718	5.730	145.20	145.50	0.205	0.215	5.21	5.46	4584	2.094
MS9970-395	5.780	5.793	146.80	147.10	0.205	0.215	5.21	5.46	4632	2.116
MS9970-396	5.843	5.855	148.40	148.70	0.205	0.215	5.21	5.46	4680	2.138
MS9970-397	5.905	5.918	150.00	150.30	0.205	0.215	5.21	5.46	4728	2.160
MS9970-398	5.968	5.980	151.60	151.90	0.205	0.215	5.21	5.46	4776	2.182
MS9970-399	6.030	6.043	153.20	153.50	0.205	0.215	5.21	5.46	4824	2.204
MS9970-400	6.093	6.105	154.80	155.10	0.205	0.215	5.21	5.46	4872	2.226
MS9970-401	6.155	6.168	156.40	156.70	0.205	0.215	5.21	5.46	4920	2.248
MS9970-402	6.218	6.230	158.00	158.30	0.205	0.215	5.21	5.46	4968	2.270
MS9970-403	6.280	6.293	159.60	159.90	0.205	0.215	5.21	5.46	5016	2.292
MS9970-404	6.343	6.355	161.20	161.50	0.205	0.215	5.21	5.46	5064	2.314
MS9970-405	6.405	6.418	162.80	163.10	0.205	0.215	5.21	5.46	5112	2.336
MS9970-406	6.468	6.480	164.40	164.70	0.205	0.215	5.21	5.46	5160	2.358
MS9970-407	6.530	6.543	166.00	166.30	0.205	0.215	5.21	5.46	5208	2.380
MS9970-408	6.593	6.605	167.60	167.90	0.205	0.215	5.21	5.46	5256	2.402
MS9970-409	6.655	6.668	169.20	169.50	0.205	0.215	5.21	5.46	5304	2.424
MS9970-410	6.718	6.730	170.80	1						

MS9970

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PART NUMBER	ID (IN.)		ID (mm)		T (IN.)		T (mm)		APPROX MASSES	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
MS9970-369	7.945	8.005	201.80	203.33	0.209	0.215	5.21	5.46	6.412	2.908
MS9970-370	8.135	8.255	208.15	209.68	0.205	0.215	5.21	5.46	6.608	2.997
MS9970-371	8.445	8.505	214.50	216.03	0.205	0.215	5.21	5.46	6.804	3.086
MS9970-372	8.645	8.755	220.85	222.38	0.205	0.215	5.21	5.46	7.000	3.175
MS9970-373	8.945	9.005	227.20	228.73	0.205	0.215	5.21	5.46	7.196	3.264
MS9970-374	9.145	9.255	233.55	235.08	0.205	0.215	5.21	5.46	7.392	3.353
MS9970-375	9.445	9.505	239.90	241.43	0.205	0.215	5.21	5.46	7.587	3.441
MS9970-376	9.645	9.755	246.25	247.78	0.205	0.215	5.21	5.46	7.784	3.531
MS9970-377	9.945	10.075	252.60	254.13	0.205	0.215	5.21	5.46	7.980	3.620
MS9970-378	10.445	10.575	265.30	266.83	0.205	0.215	5.21	5.46	8.371	3.797
MS9970-379	10.745	11.005	278.00	279.53	0.205	0.215	5.21	5.46	8.763	3.975
MS9970-380	11.445	11.505	290.70	292.23	0.205	0.215	5.21	5.46	9.155	4.153
MS9970-381	11.945	12.005	303.40	304.93	0.205	0.215	5.21	5.46	9.546	4.330
MS9970-382	12.445	13.005	328.80	330.33	0.205	0.215	5.21	5.46	10.330	4.686
MS9970-383	13.445	14.005	354.20	355.73	0.205	0.215	5.21	5.46	11.113	5.061
MS9970-384	14.445	15.005	379.60	381.13	0.205	0.215	5.21	5.46	11.897	5.396
MS9970-385	15.910	16.000	404.11	406.40	0.205	0.215	5.21	5.46	12.665	5.745
MS9970-386	16.910	17.000	429.51	431.80	0.205	0.215	5.21	5.46	13.448	6.100
MS9970-387	17.910	18.000	454.91	457.20	0.205	0.215	5.21	5.46	14.232	6.456
MS9970-388	18.910	19.000	480.31	482.60	0.205	0.215	5.21	5.46	15.015	6.811
MS9970-389	19.910	20.000	505.71	508.00	0.205	0.215	5.21	5.46	15.798	7.166
MS9970-390	20.910	21.000	531.11	533.40	0.205	0.215	5.21	5.46	16.582	7.521
MS9970-391	21.910	22.000	556.51	558.80	0.205	0.215	5.21	5.46	17.365	7.877
MS9970-392	22.880	23.000	581.2	584.2	0.205	0.215	5.21	5.46	18.137	8.227
MS9970-393	23.880	24.000	606.6	609.6	0.205	0.215	5.21	5.46	18.920	8.582
MS9970-394	24.880	25.000	632.0	635.0	0.205	0.215	5.21	5.46	19.704	8.938
MS9970-395	25.880	26.000	657.4	660.4	0.205	0.215	5.21	5.46	20.487	9.293
MS9970-425	4.480	4.490	113.28	114.05	0.269	0.281	6.83	7.14	6.381	2.894
MS9970-426	4.585	4.615	116.46	117.22	0.269	0.281	6.83	7.14	6.330	2.971
MS9970-427	4.710	4.740	119.63	120.40	0.269	0.281	6.83	7.14	6.718	3.047
MS9970-428	4.835	4.865	122.81	123.57	0.269	0.281	6.83	7.14	6.885	3.123
MS9970-429	4.960	4.990	125.98	126.75	0.269	0.281	6.83	7.14	7.053	3.199
MS9970-430	5.077	5.123	128.96	130.12	0.269	0.281	6.83	7.14	7.222	3.276
MS9970-431	5.202	5.248	132.13	133.30	0.269	0.281	6.83	7.14	7.389	3.353
MS9970-432	5.327	5.373	135.31	136.47	0.269	0.281	6.83	7.14	7.557	3.428
MS9970-433	5.452	5.498	138.48	139.65	0.269	0.281	6.83	7.14	7.725	3.504
MS9970-434	5.577	5.623	141.66	142.82	0.269	0.281	6.83	7.14	7.893	3.580
MS9970-435	5.702	5.748	144.83	146.00	0.269	0.281	6.83	7.14	8.061	3.656
MS9970-436	5.827	5.873	148.01	149.17	0.269	0.281	6.83	7.14	8.229	3.733
MS9970-437	5.952	5.998	151.18	152.35	0.269	0.281	6.83	7.14	8.397	3.809
MS9970-438	6.077	6.123	154.36	155.53	0.269	0.281	6.83	7.14	8.565	3.885
MS9970-439	6.202	6.248	157.53	158.70	0.269	0.281	6.83	7.14	8.733	3.961
MS9970-440	6.327	6.373	160.71	161.88	0.269	0.281	6.83	7.14	8.901	4.037
MS9970-441	6.452	6.498	163.88	165.05	0.269	0.281	6.83	7.14	9.069	4.113
MS9970-442	6.577	6.623	167.06	168.23	0.269	0.281	6.83	7.14	9.237	4.189
MS9970-443	6.702	6.748	170.23	171.40	0.269	0.281	6.83	7.14	9.405	4.265
MS9970-444	6.827	6.873	173.41	174.58	0.269	0.281	6.83	7.14	9.573	4.341
MS9970-445	6.952	6.998	176.58	177.75	0.269	0.281	6.83	7.14	9.741	4.417
MS9970-446	7.077	7.123	179.76	180.93	0.269	0.281	6.83	7.14	9.909	4.493
MS9970-447	7.202	7.248	182.93	184.10	0.269	0.281	6.83	7.14	10.077	4.569
MS9970-448	7.327	7.373	186.11	187.28	0.269	0.281	6.83	7.14	10.245	4.645
MS9970-449	7.452	7.498	189.28	190.45	0.269	0.281	6.83	7.14	10.413	4.721
MS9970-450	7.577	7.623	192.46	193.63	0.269	0.281	6.83	7.14	10.581	4.797
MS9970-451	7.702	7.748	195.63	196.80	0.269	0.281	6.83	7.14	10.749	4.873
MS9970-452	7.827	7.873	198.81	200.00	0.269	0.281	6.83	7.14	10.917	4.949
MS9970-453	7.952	8.000	201.98	203.33	0.269	0.281	6.83	7.14	11.085	5.025
MS9970-454	8.077	8.123	205.16	206.51	0.269	0.281	6.83	7.14	11.253	5.101
MS9970-455	8.202	8.248	208.33	209.68	0.269	0.281	6.83	7.14	11.421	5.177
MS9970-456	8.327	8.373	211.51	212.86	0.269	0.281	6.83	7.14	11.589	5.253
MS9970-457	8.452	8.498	214.68	216.03	0.269	0.281	6.83	7.14	11.757	5.329
MS9970-458	8.577	8.623	217.86	219.20	0.269	0.281	6.83	7.14	11.925	5.405
MS9970-459	8.702	8.748	221.03	222.38	0.269	0.281	6.83	7.14	12.093	5.481
MS9970-460	8.827	8.873	224.21	225.56	0.269	0.281	6.83	7.14	12.261	5.557
MS9970-461	8.952	9.000	227.38	228.73	0.269	0.281	6.83	7.14	12.429	5.633
MS9970-462	9.077	9.123	230.56	231.91	0.269	0.281	6.83	7.14	12.597	5.709
MS9970-463	9.202	9.248	233.73	235.08	0.269	0.281	6.83	7.14	12.765	5.785
MS9970-464	9.327	9.373	236.91	238.23	0.269	0.281	6.83	7.14	12.933	5.861
MS9970-465	9.452	9.498	240.08	241.43	0.269	0.281	6.83	7.14	13.101	5.937
MS9970-466	9.577	9.623	243.26	244.61	0.269	0.281	6.83	7.14	13.269	6.013
MS9970-467	9.702	9.748	246.43	247.78	0.269	0.281	6.83	7.14	13.437	6.089
MS9970-468	9.827	9.873	249.61	250.93	0.269	0.281	6.83	7.14	13.605	6.165
MS9970-469	9.952	10.000	252.78	254.13	0.269	0.281	6.83	7.14	13.773	6.241
MS9970-470	10.077	10.123	255.96	257.28	0.269	0.281	6.83	7.14	13.941	6.317
MS9970-471	10.202	10.248	259.13	260.53	0.269	0.281	6.83	7.14	14.109	6.393
MS9970-472	10.327	10.373	262.31	263.66	0.269	0.281	6.83	7.14	14.277	6.469
MS9970-473	10.452	10.498	265.48	266.83	0.269	0.281	6.83	7.14	14.445	6.545
MS9970-474	10.577	10.623	268.66	269.98	0.269	0.281	6.83	7.14	14.613	6.621
MS9970-475	10.702	10.748	271.83	273.18	0.269	0.281	6.83	7.14	14.781	6.697
MS9970-476	10.827	10.873	275.01	276.36	0.269	0.281	6.83	7.14	14.949	6.773
MS9970-477	10.952	11.000	278.18	279.53	0.269	0.281	6.83	7.14	15.117	6.849
MS9970-478	11.077	11.123	281.36	282.71	0.269	0.281	6.83	7.14	15.285	6.925
MS9970-479	11.202	11.248	284.53	285.88	0.269	0.281	6.83	7.14	15.453	7.001
MS9970-480	11.327	11.373	287.71	289.03	0.269	0.281	6.83	7.14	15.621	7.077
MS9970-481	11.452	11.498	290.88	290.18	0.269	0.281	6.83	7.14	15.789	7.153
MS9970-482	11.577	11.623	294.06	295.31	0.269	0.281	6.83	7.14	15.957	7.229
MS9970-483	11.702	11.748	297.23	298.48	0.269	0.281	6.83	7.14	16.125	7.305
MS9970-484	11.827	11.873	300.41	301.76	0.269	0.281	6.83	7.14	16.293	7.381
MS9970-485	11.952	12.000	303.58	304.93	0.269	0.281	6.83	7.14	16.461	7.457
MS9970-486	12.077	12.123	306.76	308.08	0.269	0.281	6.83	7.14	16.629	7.533
MS9970-487	12.202	12.248	309.93	311.23	0.269	0.281	6.83	7.14	16.797	7.609
MS9970-488	12.327	12.373	313.11	314.38	0.269	0.281	6.83	7.14	16.965	7.685
MS9970-489	12.452	12.498	316.28	317.53	0.269	0.281	6.83	7.14	17.133	7.761
MS9970-490	12.577	12.623	319.46	320.68	0.269	0.281	6.83	7.14	17.301	7.837
MS9970-491	12.702	12.748	322.63	323.83	0.269	0.281	6.83	7.14	17.469	7.913
MS9970-492	12.827	12.873	325.81	326.98	0.269	0.281	6.83	7.14	17.637	7.989
MS9970-493	12.952	13.000	328.98	329.13	0.269	0.281	6.83	7.14	17.805	8.065
MS9970-494	13.077	13.123	332.16	333.28	0.269	0.281	6.83	7.14	17.973	8.141
MS9970-495	13.202	13.248	335.33	336.43	0.269	0.281	6.83	7.14	18.141	8.217
MS9970-496	13.327	13.373	338.51	339.58	0.269	0.281	6.83	7.14	18.309	8.293
MS9970-497	13.452	13.498	341.68	342.73	0.269	0.281	6.83	7.14	18.477	8.369</



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PART NUMBER	ID IN		ID (mm)		T IN		I (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	lb oz	g
MS9970-449	9.745	10.005	252.60	254.13	0.269	0.281	6.83	7.14	13.771	6.246
MS9970-450	10.445	10.505	265.30	266.83	0.269	0.281	6.83	7.14	14.442	6.531
MS9970-451	10.745	11.005	278.00	279.53	0.269	0.281	6.83	7.14	15.114	6.856
MS9970-452	11.445	11.505	290.70	292.23	0.269	0.281	6.83	7.14	15.786	7.160
MS9970-453	11.445	12.005	303.40	304.93	0.269	0.281	6.83	7.14	16.458	7.465
MS9970-454	12.445	12.505	316.10	317.63	0.269	0.281	6.83	7.14	17.130	7.770
MS9970-455	12.445	13.005	328.80	330.33	0.269	0.281	6.83	7.14	17.801	8.074
MS9970-456	13.445	13.505	341.50	343.03	0.269	0.281	6.83	7.14	18.473	8.379
MS9970-457	13.745	14.005	354.20	355.73	0.269	0.281	6.83	7.14	19.145	8.684
MS9970-458	14.445	14.505	366.90	368.43	0.269	0.281	6.83	7.14	19.817	8.989
MS9970-459	14.445	15.005	379.60	381.13	0.269	0.281	6.83	7.14	20.488	9.294
MS9970-460	15.445	15.505	392.30	393.83	0.269	0.281	6.83	7.14	21.160	9.598
MS9970-461	15.910	16.070	404.11	406.40	0.269	0.281	6.83	7.14	21.805	9.891
MS9970-462	16.410	16.500	416.81	419.10	0.269	0.281	6.83	7.14	22.477	10.195
MS9970-463	16.910	17.070	429.51	431.80	0.269	0.281	6.83	7.14	23.149	10.500
MS9970-464	17.410	17.570	442.21	444.50	0.269	0.281	6.83	7.14	23.820	10.805
MS9970-465	17.910	18.000	454.91	457.20	0.269	0.281	6.83	7.14	24.492	11.109
MS9970-466	18.410	18.500	467.61	469.90	0.269	0.281	6.83	7.14	25.164	11.414
MS9970-467	18.910	19.000	480.31	482.60	0.269	0.281	6.83	7.14	25.836	11.719
MS9970-468	19.410	19.500	493.01	495.30	0.269	0.281	6.83	7.14	26.508	12.024
MS9970-469	19.910	20.000	505.71	508.00	0.269	0.281	6.83	7.14	27.179	12.328
MS9970-470	20.910	21.000	518.41	520.70	0.269	0.281	6.83	7.14	27.851	12.633
MS9970-471	21.910	22.070	530.11	532.40	0.269	0.281	6.83	7.14	28.523	12.938
MS9970-472	22.880	23.000	581.2	584.2	0.269	0.281	6.83	7.14	31.190	14.148
MS9970-473	23.880	24.070	606.6	609.6	0.269	0.281	6.83	7.14	32.512	14.754
MS9970-474	24.880	25.070	632.0	635.0	0.269	0.281	6.83	7.14	33.834	15.360
MS9970-475	25.880	26.070	657.4	660.4	0.269	0.281	6.83	7.14	35.156	15.966

- 1 MATERIAL FLUOROCARBON RUBBER AMS 7279 EXCEPT SURFACE INSPECTION PER NOTE 4
- 2 DIMENSIONS IN INCHES METRIC CONVERSIONS ARE IN PARENTHESES INTERNATIONAL SYSTEM UNITS (SI)
- 3 SHOWN ARE FOR REFERENCE ONLY
- 4 IDENTIFICATION AND PACKAGING PER AMS 2817
- 5 DIMENSIONAL INSPECTION PER AS871
- 6 DO NOT USE UNASSIGNED PART NUMBERS

AS AND AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS  
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAF AEROSPACE PART  
STANDARDS DIVISION

P.A. Air Force - II Other Code Navy - AS	INTERNATIONAL INTEREST ASQC AIR STD 17/27	TITLE  PACKING PREFORMED - AMS 7279 'O' RING	MILITARY STANDARD	
			MS9970	
PROCUREMENT SPECIFICATION AMST279		SUPERSEDES.	SHEET 7 OF 7	

This standard has been approved by the Department of the Air Force (II) and the Department of the Navy (AS) and is hereby approved for use by the military services. All other military activities are required to comply with this standard where applicable.

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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