

INCH-POUND

MS27595E
25 January 2006
SUPERSEDING
MS27595D
6 January 1978

DETAIL SPECIFICATION SHEET

RETAINER, PACKING BACKUP, CONTINUOUS RING, POLYTETRAFLUOROETHYLENE

Inactive for new design after 18 July 1997

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist this specification sheet and SAE-AS8791.

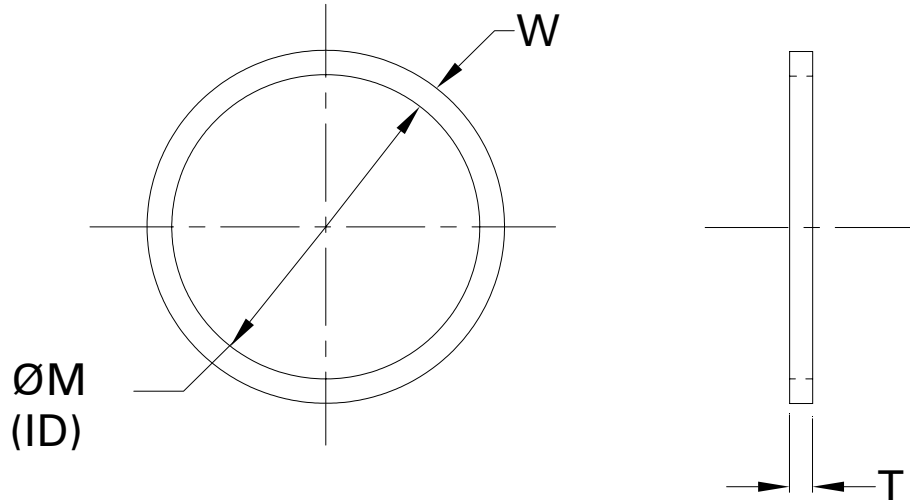


FIGURE 1. Retainer

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TABLE I. Retainer Part Number and Dimensions

PART NO.	ØM (ID)	T	W	PART NO.	ØM (ID)	T	W
MS27595-004	.080	.050 ±.002	.055 ±.001	MS27595-129	1.565	.050 ±.002	.088 ±.001
MS27595-005	.111			MS27595-130	1.629		
MS27595-006	.125			MS27595-131	1.691		
MS27595-007	.156			MS27595-132	1.754		
MS27595-008	.187			MS27595-133	1.816		
MS27595-009	.219			MS27595-134	1.879		
MS27595-010	.250			MS27595-135	1.942		
MS27595-011	.312			MS27595-136	2.004		
MS27595-012	.375			MS27595-137	2.067		
MS27595-013	.440			MS27595-138	2.129		
MS27595-014	.503			MS27595-139	2.192		
MS27595-015	.565			MS27595-140	2.254		
MS27595-016	.628			MS27595-141	2.317		
MS27595-017	.690			MS27595-142	2.379		
MS27595-018	.753			MS27595-143	2.442		
MS27595-019	.815			MS27595-144	2.504		
MS27595-020	.881			MS27595-145	2.567		
MS27595-021	.943			MS27595-146	2.629		
MS27595-022	1.006			MS27595-147	1.692		
MS27595-023	1.068			MS27595-148	2.754		
MS27595-024	1.131			MS27595-149	2.817		
MS27595-025	1.193	.050 ±.002	.088 ±.001	MS27595-210	.753	.050 ±.002	.119 ±.001
MS27595-026	1.256			MS27595-211	.815		
MS27595-027	1.318			MS27595-212	.878		
MS27595-028	1.381			MS27595-213	.940		
MS27595-110	.374			MS27595-214	1.003		
MS27595-111	.437			MS27595-215	1.065		
MS27595-112	.499			MS27595-216	1.128		
MS27595-113	.562			MS27595-217	1.190		
MS27595-114	.624			MS27595-218	1.253		
MS27595-115	.687			MS27595-219	1.315		
MS27595-116	.749			MS27595-220	1.378		
MS27595-117	.815			MS27595-221	1.440		
MS27595-118	.877			MS27595-222	1.503		
MS27595-119	.940			MS27595-223	1.629		
MS27595-120	1.002			MS27595-224	1.754		
MS27595-121	1.065			MS27595-225	1.880		
MS27595-122	1.127			MS27595-226	2.005		
MS27595-123	1.190			MS27595-227	2.130		
MS27595-124	1.252			MS27595-228	2.255		
MS27595-125	1.315			MS27595-229	2.380		
MS27595-126	1.377			MS27595-230	2.505		
MS27595-127	1.440			MS27595-231	2.630		
MS27595-128	1.502			MS27595-232	2.755		

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TABLE I. Retainer Part Number and Dimensions-continued

PART NO.	ØM (ID)	T	W	PART NO.	ØM (ID)	T	W
MS27595-233	2.880	±.002	.050 ±.002	MS27595-347	4.248	.073 ±.002	.185 ±.001
MS27595-234	3.005			MS27595-348	4.373		
MS27595-235	3.130			MS27595-349	4.498		
MS27595-236	3.255			MS27595-425	4.502		
MS27595-237	3.380			MS27595-426	4.627		
MS27595-238	3.505			MS27595-427	4.752		
MS27595-239	3.630			MS27595-428	4.877		
MS27595-240	3.755			MS27595-429	5.002		
MS27595-241	3.880			MS27595-430	5.127		
MS27595-242	4.005			MS27595-431	5.252		
MS27595-243	4.130			MS27595-432	5.377		
MS27595-244	4.255			MS27595-433	5.502		
MS27595-245	4.380			MS27595-434	5.627		
MS27595-246	4.505			MS27595-435	5.752		
MS27595-247	4.630			MS27595-436	5.877		
MS27595-325	1.497	±.002	.073 ±.002	MS27595-437	6.002	.108 ±.002	.236 ±.001
MS27595-326	1.622			MS27595-438	6.252		
MS27595-327	1.748			MS27595-439	6.502		
MS27595-328	1.873			MS27595-440	6.752		
MS27595-329	1.998			MS27595-441	7.002		
MS27595-330	2.123			MS27595-442	7.252		
MS27595-331	2.248			MS27595-443	7.502		
MS27595-332	2.373			MS27595-444	7.752		
MS27595-333	2.498			MS27595-445	8.002		
MS27595-334	2.623			MS27595-446	8.502		
MS27595-335	2.748			MS27595-447	9.002		
MS27595-336	2.873			MS27595-448	9.502		
MS27595-337	2.998			MS27595-449	10.002		
MS27595-338	3.123			MS27595-450	10.502		
MS27595-339	3.248			MS27595-451	11.002		
MS27595-340	3.373			MS27595-452	11.502		
MS27595-341	3.498			MS27595-453	12.002		
MS27595-342	3.623			MS27595-454	12.502		
MS27595-343	3.748			MS27595-455	13.002		
MS27595-344	3.873			MS27595-456	13.502		
MS27595-345	3.998			MS27595-457	14.002		
MS27595-346	4.123			MS27595-458	14.502		
				MS27595-459	15.002		
				MS27595-460	15.502		

NOTES:

1. SURFACES MUST BE SMOOTH AND FREE FROM IRREGULARITIES. EDGES MUST BE CLEAN AND SHARP.
2. DIMENSIONS IN INCHES.
3. FOR USE IN PACKING GROOVES CONFORMING TO SPECIFICATION MIL-G-5514,

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EXCEPT NOT FOR USE IN O.D. (PISTON) APPLICATIONS USING MIL-G-5514 A & B GLANDS.

4. FOR SINGLE TURN RING (CUT) SEE MS28774.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
6. CHANGES FROM PREVIOUS ISSUE. MARGINAL NOTATIONS ARE NOT USED IN THIS REVISION TO IDENTIFY CHANGES WITH RESPECT TO THE PREVIOUS ISSUE DUE TO THE EXTENT OF THE CHANGES.

Custodians:

Army – MR
Navy – AS
Air Force – 99

Preparing activity:

DLA – IS

(Project 5330-2005-003)

Review Activities:

Army – AV, MI
Navy – SA, SH

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>