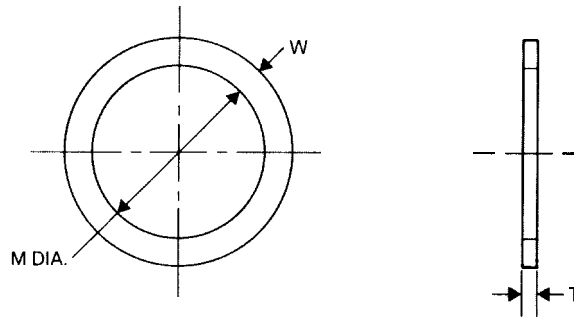


Back-Up, Solid

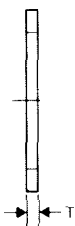
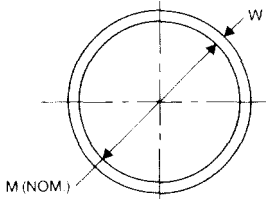
MS27595



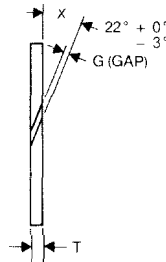
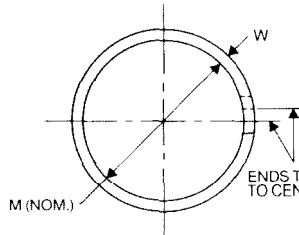
Dash No.	M Dia.	Tol.	T	W	Dash No.	M Dia.	Tol.	T	W
004	.080				121	1.065			
005	.111				122	1.127			
006	.125				123	1.190			
007	.156				124	1.252			
008	.187				125	1.315			
009	.219				126	1.377			
010	.250				127	1.440			
011	.312				128	1.502			
012	.375	.001			129	1.565			
013	.440				130	1.629			
014	.503				131	1.691			
015	.565				132	1.754			
016	.628			.056	133	1.816			
017	.690			.054	134	1.879			
018	.753				135	1.942	.002		.089 .087
019	.815				136	2.004			
020	.881				137	2.067			
021	.943		.052		138	2.129		.052	
022	1.006		.048		139	2.192		.048	
023	1.068				140	2.254			
024	1.131	.002			141	2.317			
025	1.193				142	2.379			
026	1.256				143	2.442			
027	1.318				144	2.504			
028	1.381				145	2.567			
110	.374				146	2.629			
111	.437				147	2.692			
112	.499				148	2.754			
113	.562				149	2.817			
114	.624				210	.753			
115	.687	.001		.089	211	.815	.001		
116	.749			.087	212	.878			.120
117	.815				213	.940			.118
118	.877				214	1.003			
119	.940				215	1.065	.002		
120	1.002				216	1.128			

Back-Up, Solid TF74S

Back-Up, Single Turn TF74C



TF74S ONLY
(Note Solid)



TF74C ONLY
(Note Cut)

- EXCEPTIONS (X ANGLE):
- 001 45° + 0°, -4°
 - 002 45° + 0°, -4°
 - 003 45° + 0°, -4°
 - 004 39° + 0°, -4°
 - 005 29° + 0°, -2°
 - 006 26° + 0°, -2°
 - 007 20° + 0°, -1°
 - 102 thru 106 45° + 0° -

TF74S and TF74C contain dash sizes beyond those shown on MS28774 and MS27595

Dash No.	M	T	W	G	Dash No.	M	T	W	G
-001	$\frac{1}{32}$	.040	.030 ± .001		-026	$1\frac{1}{4}$			.005
-002	$\frac{3}{64}$	.045	.040 ± .001		-027	$1\frac{5}{16}$			.000
-003	$\frac{1}{16}$		.047 ± .001		-028	$1\frac{3}{8}$			
-004	$\frac{5}{64}$				-029	$1\frac{1}{2}$			
-005	$\frac{3}{32}$				-030	$1\frac{5}{8}$			
-006	$\frac{1}{8}$				-031	$1\frac{3}{4}$			
-007	$\frac{5}{32}$				-032	$1\frac{7}{8}$			
-008	$\frac{3}{16}$				-033	2			
-009	$\frac{7}{32}$				-034	2 $\frac{1}{8}$			
-010	$\frac{1}{4}$				-035	2 $\frac{1}{4}$			
-011	$\frac{5}{16}$				-036	2 $\frac{3}{8}$			
-012	$\frac{3}{8}$				-037	2 $\frac{1}{2}$			
-013	$\frac{7}{16}$				-038	2 $\frac{5}{8}$	.052	.054	.006
-014	$\frac{1}{2}$	.052	.054	.005	-039	2 $\frac{3}{4}$	.045	.052	.000
-015	$\frac{9}{16}$	.045	.052	.000	-040	2 $\frac{7}{8}$			
-016	$\frac{5}{8}$				-041	3			
-017	$1\frac{1}{16}$				-042	3 $\frac{1}{4}$			
-018	$\frac{3}{4}$				-043	3 $\frac{1}{2}$			
-019	$1\frac{1}{8}$				-044	3 $\frac{3}{4}$			
-020	$\frac{7}{8}$				-045	4			
-021	$1\frac{5}{16}$				-046	4 $\frac{1}{4}$			
-022	1				-047	4 $\frac{1}{2}$			.007
-023	$1\frac{1}{8}$				-048	4 $\frac{3}{4}$			.000
-024	$1\frac{1}{4}$				-049	5			
-025	$1\frac{3}{8}$				-050	5 $\frac{1}{4}$			

Dash Nos.
004 thru 028
correspond to
MS28774 and MS27595
Dash Sizes

Dash No.



Dash No.



-102	1/16			
-103	3/32			
-104	1/8			
-105	5/32	.052	.087	.005
-106	3/16	.045	.085	.000
-107	7/32			
-108	1/4			
-109	5/16			
-110	3/8			
-111	7/16			
-112	1/2			
-113	9/16			
-114	5/8			
-115	11/16			
-116	3/4			
-117	13/16			
-118	7/8			
-119	15/16			
-120	1			
-121	1 1/16			
-122	1 1/8			
-123	1 3/16			
-124	1 1/4			
-125	1 5/16			
-126	1 3/8	.052	.087	.006
-127	1 7/16	.045	.085	.000
-128	1 1/2			
-129	1 9/16			
-130	1 5/8			
-131	1 11/16			
-132	1 3/4			
-133	1 13/16			
-134	1 7/8			
-135	1 15/16			
-136	2			
-137	2 1/16			
-138	2 1/8			
-139	2 3/16			
-140	2 1/4			
-141	2 5/16			
-142	2 3/8			
-143	2 7/16			
-144	2 1/2			
-145	2 9/16			.007
-146	2 5/8			.000
-147	2 11/16			
-148	2 3/4			
-149	2 13/16			
-150	2 7/8			.008
-151	3			.000

Dash Nos.
110 to 149
correspond to
MS28774 and MS27595
Dash Sizes

-152	3 1/4			
-153	3 1/2			
-154	3 3/4			
-155	4			
-156	4 1/4			
-157	4%			
-158	4%			
-159	5			
-160	5 1/4			
-161	5 1/2			
-162	5 3/4			
-163	6			
-164	6 1/4	.052	.087	.008
-165	6 1/2	.045	.085	.000
-166	6%			
-167	7			
-168	7 1/4			
-169	7 1/2			
-170	7 3/4			
-171	8			
-172	8 1/4			
-173	8 1/2			
-174	8%			
-175	9			
-176	9 1/4			
-177	9%			
-178	9 3/4			
-201	3 1/16			
-202	1/4			
-203	5/16			
-204	3/8			
-205	7/16			
-206	1/2			
-207	11/16			
-208	5/8			
-209	11/16			
-210	3/4			
-211	13/16			
-212	7/8	.052	,120	.006
-213	15/16	.045	,118	.000
-214	1			
-215	1 1/16			
-216	1 1/8			
-217	1 3/16			
-218	1 1/4			
-219	1 5/16			
-220	1 3/8			
-221	1 7/8			
-222	1 1/2			
-223	1 5/8			.007
				.000

Dash Nos.
210 thru 247
correspond to
MS28774 and MS27595
Dash Sizes

NOTES

1. Material: Tetrafluoroethylene AMS 3656 3. Dash Numbers correspond to AS-568 Uniform Dash Number System for O-Rings
2. Dimensions in inches

(TF 74S/TF 74C Continued)

Dash No.	M	T	W	G	Dash No.	M	T	W	G
-224	1 3/4				-274	10			
-225	1 7/8				-275	10' 2			
-226	2				-276	11			
-227	2 1/8				-277	11 1/2			
-228	2%				-278	12			
-229	2x				-279	13	.052	.120	.009
-230	2%				-280	14	.045	.118	.000
-231	2%				-281	15			
-232	2 3/4				-282	16			
-233	2%				-283	17			
-234	3				-284	18			
-235	3'0			.007	-309	7/16			
-236	3 1/4			.000	-310	1/2			
-237	3 3/8				-311	9/16			
-238	3 1/2				-312	5/8			
-239	3 5/8				-313	11/16			
-240	3 3/4				-314	3/4			
-241	3 7/8				-315	13/16			
-242	4				-316	7/8			.006
-243	4 1/8				-317	15/16			.000
-244	4 1/4				-318	1			
-245	4 5/8				-319	1 1/16			
-246	4 1/2				-320	1 1/8			
-247	4 5/8				-321	1 3/16			
-248	4 3/4	.052	.120		-322	1 1/4			
-249	4 7/8	.045	.118		-323	1 5/16			
-250	5				-324	1 3/8			
-251	5 1/8				-325	1 1/2			
-252	5 1/4				-326	1 5/8			
-253	5 3/8				-327	1 3/4			
-254	5 1/2				-328	1 7/8	.075	.184	.007
-255	5 5/8			.008	-329	2	.065	.182	.000
-256	5 3/4			.000	-330	2 1/8			
-257	5 7/8				-331	2 1/4			
-258	6				-332	2 3/8			
-259	6 1/4				-333	2 1/2			
-260	6 1/2				-334	2 5/8			
-261	6 3/4				-335	2 3/4			
-262	7				-336	2 7/8			
-263	7 1/4				-337	3			
-264	7 1/2				-338	3 1/8			
-265	7 3/4				-339	3 1/4			
-266	8				-340	3 3/8			
-267	8 1/4				-341	3 1/2			
-268	8 1/2			.009	-342	3 5/8			
-269	8 3/4			.000	-343	3 3/4			
-270	9				-344	3 7/8			
-271	9 1/4				-345	4			
-272	9 1/2				-346	4 1/8			
-273	9 3/4				-347	4 1/4			

Dash Nos.
210 thru 247
correspond to
MS28774 and MS27595
Dash Sizes

Dash Nos.
325 thru 349
correspond to
MS28774 and MS27595
Dash Sizes

Dash No.	M	T	W	G	Dash No.	M	T	W	G
-348	4 ³ / ₈			.007	-427	4 ³ / ₄			
-349	4 ¹ / ₂			.000	-428	4 ⁷ / ₈			
-350	4 ⁵ / ₈				-429	5			
-351	4 ³ / ₄				-430	5 ¹ / ₈			
-352	4%				-431	5 ¹ / ₄			
-353	5				-432	5 ³ / ₈			
-354	5 ¹ / ₈				-433	5 ¹ / ₂			.008
-355	5 ¹ / ₄				-434	5 ⁵ / ₈			,000
-356	5 ³ / ₈				-435	5 ³ / ₄			
-357	5 ¹ / ₂				-436	5 ⁷ / ₈			
-358	5 ⁵ / ₈			.008	-437	6			
-359	5 ³ / ₄			.000	-438	6 ¹ / ₄			
-360	5 ⁷ / ₈				-439	6 ¹ / ₂			
-361	6				-440	6 ³ / ₄			
-362	6 ¹ / ₄				-441	7			
-363	6 ¹ / ₂				-442	7 ¹ / ₄			
-364	6 ³ / ₄				-443	7 ¹ / ₂			
-365	7				-444	7 ³ / ₄			
-366	7 ¹ / ₄				-445	8			
-367	7 ¹ / ₂				-446	8 ¹ / ₂			
-368	7 ³ / ₄				-447	9			
-369	8				-448	9 ¹ / ₂			
-370	8 ¹ / ₄				-449	10			
-371	8 ¹ / ₂				-450	10 ¹ / ₂			
-372	8 ³ / ₄	.075	.184		-451	11	.110	.237	.009
-373	9	.065	.182		-452	11 ¹ / ₂	,100	.236	.000
-374	9 ¹ / ₄				-453	12			
-375	9 ¹ / ₂				-454	12 ¹ / ₂			
-376	9 ³ / ₄				-455	13			
-377	10			.009	-456	13 ¹ / ₂			
				.000					
-378	10 ¹ / ₂				-457	14			
-379	11				-458	14 ¹ / ₂			
-380	11 ¹ / ₂				-459	15			
-381	12				-460	15 ¹ / ₂			
-382	13				-461	16			
-383	14				-462	16 ¹ / ₂			
-384	15				-463	17			
-385	16				-464	17 ¹ / ₂			
-386	17				-465	18			
-387	18				-466	18 ¹ / ₂			
-388	19				-467	19			
-389	20				-468	19 ¹ / ₂			
-390	21				-469	20			
-391	22			.010	-470	21			.010
-392	23			.000	-471	22			.000
-393	24				-472	23			
-394	25				-473	24			
-395	26				-474	25			
-425	4 ¹ / ₂	.110	.237	.008	-475	26			
-426	4 ⁵ / ₈	.100	.236	.000					

Dash Nos.
425 thru 460
correspond to
MS28774 and MS27595
Dash Sizes

Dash No.	M Dia.	Tol.	T	W	Dash No.	M Dia.	Tol.	T	W
217	1.190				340	3.373			
218	1.253				341	3.498			
219	1.315				342	3.623			
220	1.378				343	3.748			
221	1.440				344	3.873		.075	.186
222	1.503				345	3.998		.071	.184
223	1.629				346	4.123			
224	1.754				347	4.248			
225	1.880				348	4.373			
226	2.005				349	4.498			
227	2.130				425	4.502			
228	2.255				426	4.627			
229	2.380				427	4.752			
230	2.505				428	4.877			
231	2.630				429	5.002			
232	2.755		.052	.120	430	5.127	.002		
233	2.880		.048	.118	431	5.252			
234	3.005				432	5.377			
235	3.130				433	5.502			
236	3.255				434	5.627			
237	3.380				435	5.752			
238	3.505				436	5.877			
239	3.630	.002			437	6.002			
240	3.755				438	6.252			
241	3.880				439	6.502			
242	4.005				440	6.752			
243	4.130				441	7.002			
244	4.255				442	7.252		.110	.237
245	4.380				443	7.502		.106	.235
246	4.505				444	7.752			
247	4.630				445	a.002			
325	1.497				446	8.502			
326	1.622				447	9.002			
327	1.748				448	9.502	.003		
328	1.873				449	10.002			
329	1.998				450	10.502			
330	2.123				451	11.002			
331	2.248		.075	.186	452	11.502			
332	2.373		.071	.184	453	12.002	.004		
333	2.498				454	12.502			
334	2.623				455	13.002			
335	2.748				456	13.502			
336	2.873				457	14.002			
337	2.998				458	14.502	.005		
338	3.123				459	15.002			
339	3.248				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-C-5514, except not for use in O.D. (Piston) applications using MIL P 5514 A & 13 glands.

- 4 For single turning cut, see MS 28774 (TF74).
- 5 For extended size solid backup rings see TF74S.
- 6 Material Tetrafluoroethylene, MIL R-8791.