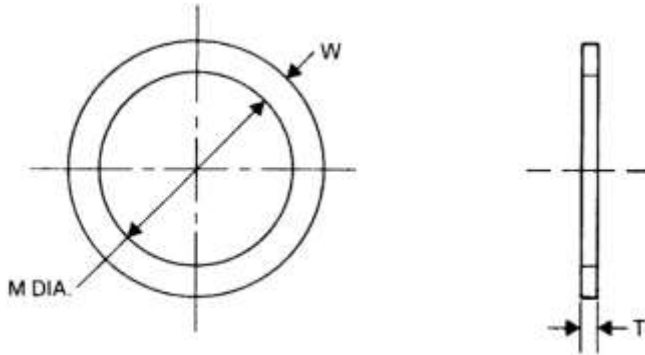




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MS 27595

Back-up, Solid

Dash No.	M Dia.	Tol.	T	W
004	0.080			
005	0.111			
006	0.125			
007	0.156			
008	0.187			
009	0.219			
010	0.250			
011	0.312			
012	0.375	0.001		
013	0.440			
014	0.503			
015	0.565			
016	0.628			0.056
017	0.690			0.054
018	0.753			
019	0.815			
020	0.881			
021	0.943		0.052	
022	1.006		0.048	
023	1.068			
024	1.131	0.002		
025	1.193			
026	1.256			
027	1.318			
028	1.381			
110	0.374			
111	0.437			
112	0.499			
113	0.562			
114	0.624			
115	0.687	0.001		0.089
116	0.749			0.087
117	0.815			
118	0.877			
119	0.940			
120	1.002			

Dash No.	M Dia.	Tol.	T	W
121	1.065			
122	1.127			
123	1.190			
124	1.252			
125	1.315			
126	1.377			
127	1.440			
128	1.502			
129	1.565			
130	1.629			
131	1.691			
132	1.754			
133	1.816			
134	1.879			
135	1.942	0.002		0.089
136	2.004			0.087
137	2.067			
138	2.129		0.052	
139	2.192		0.048	
140	2.254			
141	2.317			
142	2.379			
143	2.442			
144	2.504			
145	2.567			
146	2.629			
147	2.692			
148	2.754			
149	2.817			
210	0.753			
211	0.815	0.001		
212	0.878			0.120
213	0.940			0.118
214	1.003			
215	1.065	0.002		
216	1.128			

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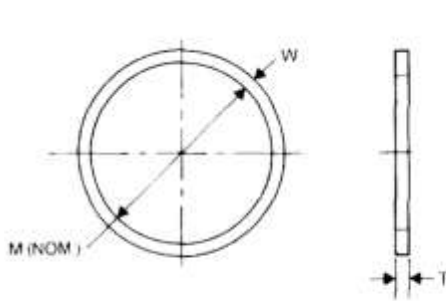


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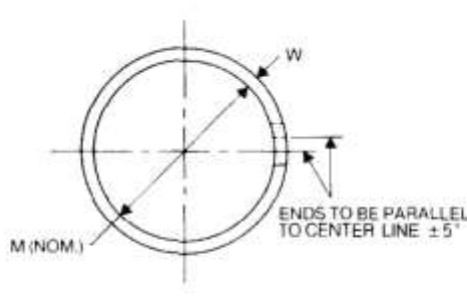


TF74S Back-up, Solid

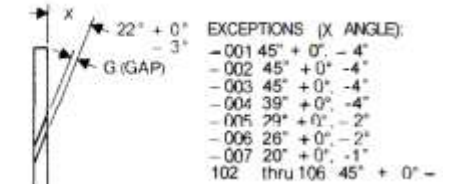


TF74S ONLY
(Note Solid)

TF74C Back-up, Single Turn



TF74C ONLY
(Note Cut)



TF74S and TF74C contain dash sizes beyond those shown on MS28744 and MS27595

Dash No.	M	T	W	G
001	1/32	0.040	0.030 + 0.001	
002	3/64	0.045	0.040 + 0.001	
003	1/16		0.047 + 0.001	
004	5/64			
005	3/32			
006	1/8			
007	5/32			
008	3/16			
009	7/32			
010	1/4			
011	5/16			
012	3/8			
013	7/16			
014	1/2	0.052	0.054	0.005
015	9/16	0.045	0.052	0.000
016	5/8			
017	11/16			
018	3/4	Dash Nos. 004 - 028 correspond to MS28774 and MS27595		
019	13/16	Dash Sizes		
020	7/8			
021	15/16			
022	1			
023	1 1/16			
024	1 1/8			
025	1 3/16			

Dash No.	M	T	W	G
026	1 1/4			0.005
027	1 5/16			0.000
028	1 3/8			
029	1 1/2			
030	1 5/8			
031	1 3/4			
032	1 7/8			
033	2			
034	2 1/8			
035	2 1/4			
036	2 3/8			
037	2 1/2			
038	2 5/8	0.052	0.054	0.006
039	2 3/4	0.045	0.052	0.000
040	2 7/8			
041	3			
042	3 1/4			
043	3 1/2			
044	3 3/4			
045	4			
046	4 1/4			
047	4 1/2			0.007
048	4 3/4			0.000
049	5			
050	5 1/4			

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TF74S & TF74C Continued

Dash No.	M	T	W	G
102	1/16			
103	3/32			
104	1/8			
105	5/32	0.052	0.087	0.005
106	3/16	0.045	0.085	0.000
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	0.052	0.087	0.006
127	1 7/16	0.045	0.085	0.000
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			0.007
146	2 5/8			0.000
147	2 11/16			
148	2 3/4			
149	2 13/16			
150	2 7/8			0.008
151	3			0.000

Dash No.	M	T	W	G
152	3 1/4			
153	3 1/2			
154	3 3/4			
155	4			
156	4 1/4			
157	4 1/2			
158	4 3/4			
159	5			
160	5 1/4			
161	5 1/2			
162	5 3/4			
163	6			
164	6 1/4	0.052	0.087	0.008
165	6 1/2	0.045	0.085	0.000
166	6 3/4			
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 3/4			
175	9			
176	9 1/4			
177	9 1/2			
178	9 3/4			
201	3/16			
202	1/4			
203	5/16			
204	3/8			
205	7/16			
206	1/2			
207	9/16			
208	5/8			
209	11/16			
210	3/4			
211	13/16			
212	7/8	0.052	0.120	0.006
213	15/16	0.045	0.118	0.000
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 7/16			
222	1 1/2			0.007
223	1 5/8			0.000

Notes

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

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TF74S & TF74C Continued

Dash No.	M	T	W	G
224	1 3/4			
225	1 7/8			
226	2			
227	2 1/8			
228	2 1/4	Dash Nos. 210 - 247 correspond to MS28774 and MS27595 Dash Sizes		
229	2 3/8			
230	2 1/2			
231	2 5/8			
232	2 3/4			
233	2 7/8			
234	3			
235	3 1/8			0.007
236	3 1/4			0.000
237	3 3/8			
238	3 1/2			
239	3 5/8			
240	3 3/4			
241	3 7/8			
242	4			
243	4 1/8			
244	4 1/4			
245	4 3/8			
246	4 1/2			
247	4 5/8			
248	4 3/4	0.052	0.120	
249	4 7/8	0.045	0.118	
250	5			
251	5 1/8			
252	5 1/4			
253	5 3/8			
254	5 1/2			
255	5 5/8			0.008
256	5 3/4			0.000
257	5 7/8			
258	6			
259	6 1/4			
260	6 1/2			
261	6 3/4			
262	7			
263	7 1/4			
264	7 1/2			
265	7 3/4			
266	8			
267	8 1/4			
268	8 1/2			0.009
269	8 3/4			0.000
270	9			
271	9 1/4			
272	9 1/2			
273	9 3/4			

Dash No.	M	T	W	G
274	10			
275	10 1/2			
276	11			
277	11 1/2			
278	12			
279	13	0.052	0.120	0.009
280	14	0.045	0.118	0.000
281	15			
282	16			
283	17			
284	18			
309	7/16			
310	1/2			
311	9/16			
312	5/8			
313	11/16			
314	3/4			
315	13/16			
316	7/8			0.006
317	15/16			0.000
318	1			
319	1 1/16			
320	1 1/8			
321	1 3/16			
322	1 1/4			
323	1 5/16			
324	1 3/8			
325	1 1/2			
326	1 5/8			
327	1 3/4			
328	1 7/8	0.075	0.184	0.007
329	2	0.065	0.182	0.000
330	2 1/8			
331	2 1/4			
332	2 3/8			
333	2 1/2			
334	2 5/8			
335	2 3/4			
336	2 7/8			
337	3	Dash Nos. 325 - 349 correspond to MS28774 and MS27595 Dash Sizes		
338	3 1/8			
339	3 1/4			
340	3 3/8			
341	3 1/2			
342	3 5/8			
343	3 3/4			
344	3 7/8			
345	4			
346	4 1/8			
347	4 1/4			

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TF74S & TF74C Continued

Dash No.	M	T	W	G
348	4 3/8			0.007
349	4 1/2			0.000
350	4 5/8			
351	4 3/4			
352	4 7/8			
353	5			
354	5 1/8			
355	5 1/4			
356	5 3/8			
357	5 1/2			
358	5 5/8			0.008
359	5 3/4			0.000
360	5 7/8			
361	6			
362	6 1/4			
363	6 1/2			
364	6 3/4			
365	7			
366	7 1/4			
367	7 1/2			
368	7 3/4			
369	8			
370	8 1/4			
371	8 1/2			
372	8 3/4	0.075	0.184	
373	9	0.065	0.182	
374	9 1/4			
375	9 1/2			
376	9 3/4			
377	10			0.009 0.000
378	10 1/2			
379	11			
380	11 1/2			
381	12			
382	13			
383	14			
384	15			
385	16			
386	17			
387	18			
388	19			
389	20			
390	21			
391	22			0.010
392	23			0.000
393	24			
394	25			
395	26			
425	4 1/2	0.110	0.237	0.008
426	4 5/8	0.100	0.236	0.000

Dash No.	M	T	W	G
427	4 3/4			
428	4 7/8			
429	5			
430	5 1/8			
431	5 1/4			
432	5 3/8			
433	5 1/2			0.008
434	5 5/8			0.000
435	5 3/4			
436	5 7/8			
437	6	Dash Nos. 425 - 460 correspond to MS28774 and MS27595 Dash Sizes		
438	6 1/4			
439	6 1/2			
440	6 3/4			
441	7			
442	7 1/4			
443	7 1/2			
444	7 3/4			
445	8			
446	8 1/2			
447	9			
448	9 1/2			
449	10			
450	10 1/2			
451	11	0.110	0.237	0.009
452	11 1/2	0.100	0.236	0.000
453	12			
454	12 1/2			
455	13			
456	13 1/2			
457	14			
458	14 1/2			
459	15			
460	15 1/2			
461	16			
462	16 1/2			
463	17			
464	17 1/2			
465	18			
466	18 1/2			
467	19			
468	19 1/2			
469	20			
470	21			0.010
471	22			0.000
472	23			
473	24			
474	25			
475	26			

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TF95

Dash No.	M Dia	Tol.	T	W
217	1.190			
218	1.253			
219	1.315			
220	1.378			
221	1.440			
222	1.503			
223	1.629			
224	1.754			
225	1.880			
226	2.005			
227	2.130			
228	2.255			
229	2.380			
230	2.505			
231	2.630			
232	2.755		0.052	0.120
233	2.880		0.048	0.118
234	3.005			
235	3.130			
236	3.255			
237	3.380			
238	3.505			
239	3.630	0.002		
240	3.755			
241	3.880			
242	4.005			
243	4.130			
244	4.255			
245	4.380			
246	4.505			
247	4.630			
325	1.497			
326	1.622			
327	1.748			
328	1.873			
329	1.998			
330	2.123			
331	2.248		0.075	0.186
332	2.373		0.071	0.184
333	2.498			
334	2.623			
335	2.748			
336	2.873			
337	2.998			
338	3.123			
339	3.248			

Dash No.	M	T	W	G
340	3.373			
341	3.498			
342	3.623			
343	3.748			
344	3.873		0.075	0.186
345	3.998		0.071	0.184
346	4.123			
347	4.248			
348	4.373			
349	4.498			
425	4.502			
426	4.627			
427	4.752			
428	4.877			
429	5.022			
430	5.127	0.002		
431	5.252			
432	5.377			
433	5.502			
434	5.627			
435	5.752			
436	5.877			
437	6.002			
438	6.252			
439	6.502			
440	6.752			
441	7.002			
442	7.252		0.110	0.237
443	7.502		0.106	0.235
444	7.752			
445	8.002			
446	8.502			
447	9.002			
448	9.502	0.003		
449	10.002			
450	10.502			
451	11.002			
452	11.502			
453	12.002	0.004		
454	12.502			
455	13.002			
456	13.502			
457	14.002			
458	14.502	0.005		
459	15.002			
460	15.502			

Notes:

- Surfaces must be smooth and free from irregularities. Edges must be clean and sharp.
- Dimensions are in inches.
- Material: Tetrafluoroethylene MIL-R-8791.
- For use in packing grooves conforming to MIL-C-5514 except not for use in O.D. (Piston) applications using MIL-P-5514 A and B glands.
- For single turn ring (cut) see MS 28774 (TF74).
- For extended sizes solid backup rings see TF74S.

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