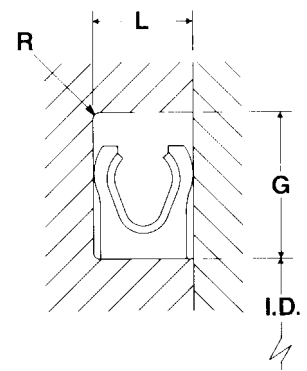
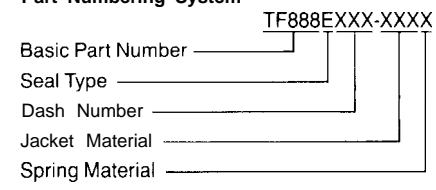


Dash No.	I.D. ±.005	Dash No.	I.D. ±.005	Dash No.	I.D. ±.005	Dash No.	I.D. ±.005
008	182	130	1620	230	2495	345	3995
009	213	131	1682	231	2620	346	4120
010	245	132	1745	232	2745	347	4245
011	307	133	1807	233	2870	348	4370
012	370	134	1870	234	2995	349	4495
013	432	135	1932	235	3120	425	4495
014	495	136	1995	236	3245	426	4620
015	557	137	2057	237	3370	427	4745
016	620	138	2120	238	3495	428	4870
017	682	139	2182	239	3620	429	4995
018	745	140	2245	240	3745	430	5120
019	807	141	2307	241	3870	431	5245
020	870	142	2370	242	3995	432	5370
021	932	143	2432	243	4120	433	5495
022	995	144	2495	244	4245	434	5620
023	1057	145	2557	245	4370	435	5745
024	1120	146	2620	246	4495	436	5870
025	1182	147	2682	247	4620	437	5995
026	1245	148	2745			438	6245
027	1307	149	2807			439	6495
028	1370						
110	370	210	745	325	1495	440	6745
111	432	211	805	326	1620	441	6995
112	495	212	870	327	1745	442	7245
113	557	213	932	328	1870	443	7495
114	620	214	995	329	1995	444	
115	682	215	1057	330	2120	445	7995
116	745	216	1120	331	2245	446	8495
117	807	217	1182	332	2370	447	8995
118	870	218	1245	333	2495	448	9495
119	932	219	1307	334	2620	449	9995
120	995	220	1370	335	2745	450	10495
121	1057	221	1432	336	2870	451	10995
122	1120	222	1495	337	2995	452	11495
123	1182	223	1620	338	3120	453	11995
124	1245	224	1745	339	3245	454	12495
125	1307	225	1870	340	3370	455	12995
126	1370	226	1995	341	3495	456	13495
127	1432	227	2120	342	3620	457	13995
128	1495	228	2245	343	3745	458	14495
129	1557	229	2370	344	3870	459	14995
						460	15495

Gland Dimensions			
Dash No.	L	G	R
008-028	.056/.058	.094/.104	.005/.015
1 IO-149	.089/.091	.141/.151	
21 O-247	.121/.123	.188/.198	.010/.025
325-349	.186/.188	.281/.291	.020/.030
425-460	.238/.241	.375/.385	



Part Numbering System



Jacket Material Code

Code	Description
001	Virgin TFE
300	Polymer-filled TFE, Tetralon™ 720
430	Tetralon™ wear-resistant virgin TFE
490	Glass-Moly-filled TFE
600	Carbon-Graphite-filled TFE

Spring Material Code

Code	Description
A	301 SST
B	Inconel 718
C	Elgiloy™
D	Hastelloy C
E	304 SST
F	17-7PH SST
G	316 SST
H	302 SST

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**FACE SEAL,
EXTERNAL PRESSURE**

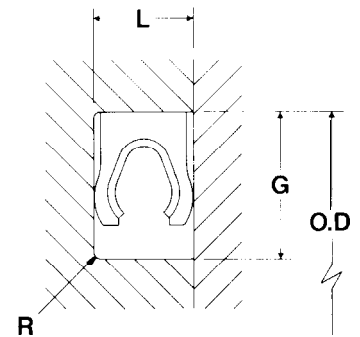
CODE IDENT
07128

TF 888E

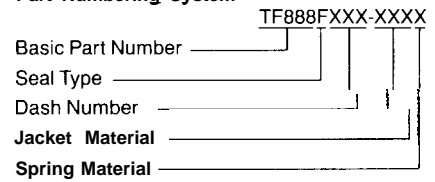
Dash No.	O.D. ±.005	Dash No.	O.D. ±.005	Dash No.	O.D. ±.005	Dash No.	O.D. ±.005
008	317	130	1.817	230	2755	345	4.380
009	348	131	1.680	231	2880	346	4.505
010	380	132	1.942	232	3.005	347	4.630
011	442	133	2.005	233	3130	348	4.755
012	505	134	2.067	234	3255	349	4.880
013	567	135	2.130	235	3380	425	5.005
014	630	136	2192	236	3.505	426	5.130
015	692	137	2.255	237	3.630	427	5.255
016	755	138	2.317	238	3755	428	5.380
017	817	139	2380	239	3880	429	5.505
018	880	140	2.442	240	4.005	430	5.630
019	942	141	2.505	241	4130	431	5.755
020	1005	142	2.567	242	4.255	432	5.880
021	1067	143	2.630	243	4.380	433	6.005
022	1.130	144	2.692	244	4505	434	6.130
023	1192	145	2755	245	4.630	435	6.255
024	1255	146	2817	246	4755	436	6.380
025	1.317	147	2.880	247	4880	437	6.505
026	1380	148	2.942			438	6.755
027	1442	149	3.005			439	7.005
028	1.505						
110	.567	210	1005	325	1.880	440	7.255
111	630	211	1067	326	2005	441	7.505
112	692	212	1130	327	2130	442	7.755
113	.755	213	1.192	328	2.255	443	8.005
114	.817	214	1.255	329	2.380	444	8.255
115	880	215	1.317	330	2.505	445	8.505
116	942	216	1.380	331	2630	446	9.005
117	1.005	217	1.442	332	2.755	447	9.505
118	1067	218	1.505	333	2.880	448	10.005
119	1130	219	1567	334	3005	449	10.505
120	1192	220	1.630	335	3130	450	11.005
121	1255	221	1692	336	3255	451	11.505
122	1317	222	1755	337	3380	452	12.005
123	1380	223	1.880	338	3505	453	12.505
124	1442	224	2005	339	3630	454	13.005
125	1.505	225	2130	340	3755	455	13.505
126	1567	226	2255	341	3880	456	14.005
127	1630	227	2.380	342	4005	457	14.505
128	1692	228	2505	343	4.130	458	15.005
129	1755	229	2630	344	4255	459	15.505
						460	16.005

Gland Dimensions

Dash No.	L	G	R
008-028	.056/.058	.094/.104	.005/.015
110-149	.089/.091	.141/.151	
21 0-247	.121/.123	.188/.198	.010/.025
325-349	.186/.188	.281/.291	.020/.030
425-460	.238/.241	.375/.385	



Part Numbering System



Jacket Material Code

Code Description

001	Virgin TFE
300	Polymer-filled TFE, Tetralon' 720
430	Tetralon," wear-resistant virgin TFE
490	Glass-Moly-filled TFE
600	Carbon-Graphite-filled TFE

Spring Material Code

Code Description

A	301 SST
B	Inconel 718
C	Elgiloy®
D	Hastelloy C
E	304 SST
F	17-7PH SST
G	316 SST
H	302 SST

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FACE SEAL,
INTERNAL PRESSURE

CODE IDENT
07128

TF 888F

Dash No. **A** Dia. **B** Dia.

Dash No.	A Dia.	B Dia.
012	.485	.373
013	.550	.438
014	.613	.501
015	.675	.563
016	.738	.627
017	.800	.688
018	.863	.751
019	.925	.813
020	.991	.879
021	1.053	.941
022	1.116	1.004
023	1.178	1.066
024	1.241	1.129
025	1.303	1.191
026	1.366	1.254
027	1.428	1.316
028	1.491	1.379
110	.550	.372
111	.613	.435
112	.675	.497
113	.738	.560
114	.800	.622
115	.863	.685
116	.925	.747
117	.991	.813
118	1.053	.875
119	1.116	.938
120	1.178	1.000
121	1.241	1.063
122	1.303	1.125
123	1.366	1.188
124	1.428	1.250
125	1.491	1.313
126	1.553	1.375
127	1.616	1.438
128	1.678	1.500
129	1.741	1.563
130	1.805	1.627
131	1.867	1.689
132	1.930	1.752
133	1.992	1.814
134	2.055	1.877
135	2.118	1.940
136	2.180	2.002
137	2.243	2.065
138	2.305	2.127
139	2.368	2.190
140	2.430	2.252
141	2.493	2.315
142	2.555	2.377
143	2.618	2.440
144	2.680	2.502

Dash No. **A** Dia. **B** Dia.

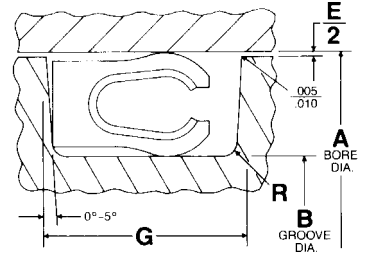
Dash No.	A Dia.	B Dia.
145	2.743	2.565
146	2.805	2.627
147	2.868	2.690
148	2.930	2.752
149	2.993	2.815
210	.991	.748
211	1.053	.810
212	1.116	.873
213	1.178	.935
214	1.241	.998
215	1.303	1.060
216	1.366	1.123
217	1.428	1.185
218	1.491	1.248
219	1.553	1.310
220	1.616	1.373
221	1.678	1.435
222	1.741	1.498
223	1.805	1.561
224	1.868	1.624
225	1.931	1.687
226	1.994	1.750
227	2.057	1.813
228	2.120	1.876
229	2.183	1.939
230	2.246	2.002
231	2.309	2.065
232	2.372	2.128
233	2.435	2.191
234	2.498	2.254
235	2.561	2.317
236	2.624	2.380
237	2.687	2.443
238	2.750	2.506
239	2.813	2.569
240	2.876	2.632
241	2.939	2.695
242	3.002	2.758
243	3.065	2.821
244	3.128	2.884
245	3.191	2.947
246	3.254	3.010
247	3.317	3.073
325	1.867	1.495
326	1.930	1.558
327	1.993	1.621
328	2.056	1.684
329	2.119	1.747
330	2.182	1.810
331	2.245	1.873
332	2.308	1.936
333	2.371	2.000
334	2.434	2.063
335	2.497	2.126

Dash No. **A** Dia. **B** Dia.

Dash No.	A Dia.	B Dia.
336	3.243	2.871
337	3.368	2.996
338	3.493	3.121
339	3.618	3.246
340	3.743	3.371
341	3.868	3.496
342	3.993	3.621
343	4.118	3.746
344	4.243	3.871
345	4.368	3.996
346	4.493	4.121
347	4.618	4.246
348	4.743	4.371
349	4.868	4.496
425	4.974	4.497
426	5.099	4.622
427	5.224	4.747
428	5.349	4.872
429	5.474	4.997
430	5.599	5.122
431	5.724	5.247
432	5.849	5.372
433	5.974	5.497
434	6.099	5.622
435	6.224	5.747
436	6.349	5.872
437	6.474	5.997
438	6.599	6.122
439	6.724	6.247
440	6.849	6.372
441	6.974	6.497
442	7.099	6.622
443	7.224	6.747
444	7.349	6.872
445	7.474	6.997
446	7.599	7.122
447	7.724	7.247
448	7.849	7.372
449	7.974	7.497
450	8.099	7.622
451	8.224	7.747
452	8.349	7.872
453	8.474	7.997
454	8.599	8.122
455	8.724	8.247
456	8.849	8.372
457	8.974	8.497
458	9.099	8.622
459	9.224	8.747
460	9.349	8.872

Dash No. **G** Groove Width **R** Groove Radius **E** Diametral Clearance Max.

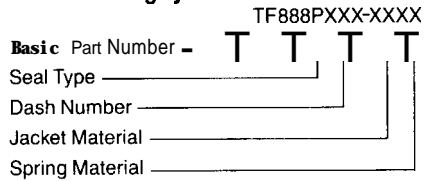
Dash No.	G Groove Width	R Groove Radius	E Diametral Clearance Max.
012	.094	.005-.015	.004
013-028	.094	.005-.015	.005
110-126	.141	.005-.015	.005
127-132	.141	.005-.015	.006
133-149	.141	.005-.015	.007
210-222	.188	.010-.025	.005
223-224	.188	.010-.025	.006
225-245	.188	.010-.025	.007
246-247	.188	.010-.025	.008
325-327	.281	.020-.035	.006
328-349	.281	.020-.035	.007
425-438	.375	.020-.035	.009
439-460	.375	.020-.035	.010



Notes:

1. Rod and groove dimensions in accordance with **MIL-G-5514 Rev F** fformbackupringgroove width.
2. Seal dash nos. correspond to dash nos. of AS568 **uniform** numbering system for O-Rings.
3. See alternate gland configuration and retrofit information

Part Numbering System



Jacket Material Code

Code Description

001	Virgin TFE
300	Polymer-filled TFE, Tetralon [®] 720
430	Tetralon [®] wear-resistant virgin TFE
490	Glass-Moly-filled TFE
600	Carbon-Graphite-filled TFE

Spring Material Code

Code	Description
A	301 SST
B	Inconel 718
C	Elgiloy [®]
D	Hastelloy C
E	304SST
F	17-7PHSST
G	316SST
H	302SST

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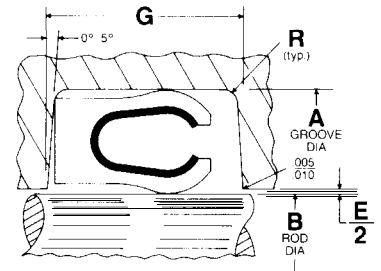
**PISTON SEAL INSTALLATION
FOR MIL-G-5514
(F REVISION)
NO BACK-UP GLAND**

CODE IDENT
07128

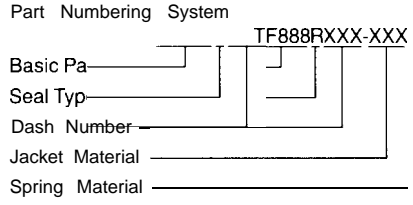
TF888P

Dash No.	A Dia.		Dash No.	B Dia.		Dash No.	A Dia.		Dash No.	B Dia.	
	+ .001 - .000	+ .000 - .001		+ .002 - .000	+ .000 - .002		+ .002 - .000	+ .000 - .002			
0 1 2	.485	.373	145	2.739	2.561	336	3.245	2.873			
			146	2.801	2.623	337	3.369	2.997			
			147	2.864	2.686	338	3.494	3.122			
013	.547	.435	148	2.926	2.748	339	3.619	3.247			
014	.610	.498	149	2.989	2.811	340	3.744	3.372			
015	.672	.560	210	.991	.748	341	3.869	3.497			
016	.735	.623	211	1.053	.810	342	3.994	3.622			
017	.797	.685	212	1.116	.a73	343	4.119	3.747			
018	.860	.748	213	1.178	.935	344	4.244	3.872			
019	.922	.810	214	1.241	.998	345	4.369	3.997			
020	.985	.873	215	1.303	1.060	346	4.494	4.122			
021	1.047	.935	216	1.366	1.123	347	4.619	4.247			
022	1.110	.998	217	1.428	1.185	348	4.744	4.372			
023	1.172	1.060	218	1.491	1.248	349	4.869	4.497			
024	1.235	1.123	219	1.553	1.310						
025	1.297	1.185	220	1.616	1.373						
026	1.360	1.248	221	1.678	1.435	425	4.974	4.497			
027	1.422	1.310	222	1.741	1.498	426	5.099	4.622			
028	1.485	1.373	223	1.806	1.623	427	5.224	4.747			
110	.551	.373	224	1.991	1.748	428	5.349	4.872			
111	.613	.435	225	2.116	1.873	429	5.474	4.997			
112	.676	.498	226	2.241	1.998	430	5.599	5.122			
113	.738	.560	227	2.366	2.123	431	5.724	5.247			
114	.801	.623	228	2.491	2.248	432	5.849	5.372			
115	.863	.685	229	2.616	2.373	433	5.974	5.497			
116	.926	.748	230	2.741	2.498	434	6.099	5.622			
117	.988	.810	231	2.866	2.623	435	6.224	5.747			
118	1.051	.873	232	2.991	2.748	436	6.349	5.872			
119	1.113	.935	233	3.116	2.873	437	6.474	5.997			
120	1.176	.998	234	3.240	2.997	438	6.724	6.247			
121	1.238	1.060	235	3.365	3.122	439	6.974	6.497			
122	1.301	1.123	236	3.490	3.247	440	7.224	6.747			
123	1.363	1.185	237	3.615	3.372	441	7.474	6.997			
124	1.426	1.248	238	3.740	3.497	442	7.724	7.247			
125	1.488	1.310	239	3.865	3.622	443	7.974	7.497			
128	1.551	1.373	240	3.990	3.747	444	a.224	7.747			
127	1.613	1.435	241	4.115	3.872	445	a.474	7.997			
128	1.676	1.498	242	4.240	3.997	446	a.974	a.497			
129	1.738	1.560	243	4.365	4.122						
130	1.801	1.623	244	4.490	4.247						
131	1.863	1.685	245	4.615	4.372	447	9.474	a.997			
132	1.926	1.748	246	4.740	4.497	448	9.974	9.497			
133	1.988	1.810	247	4.865	4.622	449	10.474	9.997			
134	2.051	1.873	325	1.870	1.498	450	10.974	10.497			
135	2.114	1.936	326	1.995	1.623	451	11.474	10.997			
136	2.176	1.998	327	2.120	1.748	452	11.974	11.497			
137	2.239	2.061	328	2.245	1.873	453	12.474	11.997			
138	2.301	2.123	329	2.370	1.998	454	12.974	12.497			
139	2.364	2.186	330	2.495	2.123	455	13.474	12.997			
140	2.426	2.248	331	2.620	2.248	456	13.974	13.497			
141	2.489	2.311	332	2.745	2.373	457	14.474	13.997			
142	2.551	2.373	333	2.870	2.498	458	14.974	14.497			
143	2.614	2.436	334	2.995	2.623	459	15.474	14.997			
144	2.676	2.498	335	3.120	2.748	460	15.974	15.497			

Dash No.	G Groove Width + .010 - .000		R Groove Radius	E Diametral Clearance Max.
012	.094	.005-.015		.004
013-028	.094	.005-.015		.005
110-126	.141	.005-.015		.005
127-132	.141	.005-.015		.006
133-149	.141	.005-.015		.007
210-222	.188	.010-.025		.005
223-224	.188	.010-.025		.006
225-245	.188	.010-.025		.007
246-247	.188	.010-.025		.008
325-327	.281	.020-.035		.006
328-349	.281	.020-.035		.007
425-438	.375	.020-.035		.009
439-460	.375	.020-.035		.010



- Notes:
1. Rod and groove dimensions in accordance with MIL-G-5514 Rev. F for no backup ring groove width.
 2. Seal dash nos. correspond to dash nos. of AS568 uniform numbering system of O-Rings.
 3. See Alternate Gland Configuration and Retrofit Information.



Jacket Material Code

Code	Description
001	Virgin TFE
300	Polymer-filled TFE, Tetralon [®] 720
430	Tetralon [®] wear-resistant virgin TFE
490	Glass-Moly-filled TFE
600	Carbon-Graphite-filled TFE

Spring Material Code

Code	Description
A	301 SST
B	Inconel 718
C	Elgiloy [™]
D	Hastelloy C
E	304 SST
F	17-7PH SST
G	316 SST
H	302 SST

PSI
Info. Provided by
Tetrafluor, Inc.

**ROD SEAL INSTALLATION
FOR MIL-G-5514
(F REVISION)
NO BACK-UP GLAND**

CODE IDENT.
07128

TF888R