PRECĪX O-Ring Reference Chart

0.070" (1.78mm) CROSS SECTION ±0.003"/±0.08mm										
Iniversal Dash Iumbers	I.D. (Inches)	I.D. (mm)	I.D.± Tolerance (Inches)	I.D.± Tolerance (mm)		L N				
001 (1)	0.029	0.74	0.004	0.10						

	±0.00)3"/±0.0	8mm	
Universal Dash Numbers	I.D. (Inches)	I.D. (mm)	I.D.± Tolerance (Inches)	I.D.± Tolerance (mm)
- 001 (1)	0.029	0.74	0.004	0.10
- 002 (2)	0.042	1.07	0.004	0.10
- 003 (3)	0.056	1.42	0.004	0.10
- 004	0.070	1.78	0.005	0.13
- 005	0.101	2.57	0.005	0.13
- 006	0.114	2.90	0.005	0.13
- 007	0.145	3.68	0.005	0.13
- 008	0.176	4.47	0.005	0.13
- 009	0.208	5.28	0.005	0.13
- 010	0.239	6.07	0.005	0.13
- 011	0.301	7.65	0.005	0.13
- 012	0.364	9.25	0.005	0.13
- 013	0.426	10.82	0.005	0.13
- 014	0.489	12.42	0.005	0.13
- 015	0.551	14.00	0.007	0.18
- 016	0.614	15.60	0.009	0.23
- 017	0.676	17.17	0.009	0.23
- 018	0.739	18.77	0.009	0.23
- 019	0.801	20.35	0.009	0.23
- 020	0.864	21.95	0.009	0.23
- 021	0.926	23.52	0.009	0.23
- 022	0.989	25.12	0.010	0.25
- 023	1.051	26.70	0.010	0.25
- 024	1.114	28.30	0.010	0.25
- 025	1.176	29.87	0.011	0.28
- 026	1.239	31.47	0.011	0.28
- 027	1.301	33.05	0.011	0.28
- 028	1.364	34.65	0.013	0.33
- 029	1.489	37.82	0.013	0.33
- 030	1.614	41.00	0.013	0.33
- 031	1.739	44.17	0.015	0.38
- 032	1.864	47.35	0.015	0.38
- 033	1.989	50.52	0.018	0.46
- 034	2.114	53.70	0.018	0.46
- 035	2.239	56.87	0.018	0.46
- 036	2.364	60.05	0.018	0.46
- 037	2.489	63.22	0.018	0.46
- 038	2.614	66.40	0.020	0.51
- 039	2.739	69.57	0.020	0.51
- 040	2.864	72.75	0.020	0.51
- 041	2.989	75.92	0.024	0.61
- 042	3.239	82.27	0.024	0.61

3.489 88.62 0.024 0.61 3.739 94.97 0.027 0.69 3.989 101.32 0.027 0.69 4.239 107.67 0.030 0.76
 4.489
 114.02
 0.030
 0.76

 4.739
 120.37
 0.030
 0.76
4.989 | 126.72 | 0.037 | 0.94 5.239 | 133.07 | 0.037 | 0.94

Cross Section Diameters

(1) .040" (1.06mm) ±0.003"/±0.008mm

(2) .050" (1.27mm) ±0.003"/±0.008mm (3) .060" (1.52mm) ±0.003"/±0.008mm

100	0.001	2.00	0.005	0.10	
-104	0.112	2.84	0.005	0.13	
-105	0.143	3.63	0.005	0.13	
-106	0.174	4.42	0.005	0.13	
-107	0.206	5.23	0.005	0.13	
-108	0.237	6.02	0.005	0.13	
-109		7.59	0.005	0.13	
	0.299				
-110	0.362	9.19	0.005	0.13	
-111	0.424	10.77	0.005	0.13	
-112	0.487	12.37	0.005	0.13	
-113	0.549	13.94	0.007	0.18	
-114	0.612	15.54	0.009	0.23	
-115	0.674	17.12	0.009	0.23	
-116		18.72	0.009	0.23	
	0.737				
-117	0.799	20.29	0.010	0.25	
-118	0.862	21.89	0.010	0.25	
-119	0.924	23.47	0.010	0.25	
-120	0.987	25.07	0.010	0.25	
-121	1.049	26.64	0.010	0.25	
-122	1.112	28.24	0.010	0.25	
-123	1.174	29.82	0.012	0.30	
-124	1.237	31.42	0.012	0.30	
-125	1.299	32.99	0.012	0.30	
-126	1.362	34.59	0.012	0.30	
-127	1.424	36.17	0.012	0.30	
-128	1.487	37.77	0.012	0.30	
-129	1.549	39.34	0.015	0.38	
-130	1.612	40.94	0.015	0.38	
-130 -131					
	1.674	42.52	0.015	0.38	
-132	1.737	44.12	0.015	0.38	
-133	1.799	45.69	0.015	0.38	
-134	1.862	47.29	0.015	0.38	
-135	1.925	48.90	0.017	0.43	
-136	1.987	50.47	0.017	0.43	
-137	2.050	52.07	0.017	0.43	
-138		53.64	0.017	0.43	
	2.112				
-139	2.175	55.25	0.017	0.43	
-140	2.237	56.82	0.017	0.43	
-141	2.300	58.42	0.020	0.51	
-142	2.362	59.99	0.020	0.51	
-143	2.425	61.60	0.020	0.51	
-144	2.487	63.17	0.020	0.51	
-145	2.550	64.77	0.020	0.51	
-146		66.34	0.020	0.51	
	2.612				
-147	2.675	67.95	0.022	0.56	
-148	2.737	69.52	0.022	0.56	
-149	2.800	71.12	0.022	0.56	
-150	2.862	72.69	0.022	0.56	
-151	2.987	75.87	0.024	0.61	
-152	3.237	82.22	0.024	0.61	
-153	3.487	88.57	0.024	0.61	
-153 -154		94.92	0.024	0.81	
	3.737				
-155	3.987	101.27	0.028	0.71	
-156	4.237	107.62	0.030	0.76	
-157	4.487	113.97	0.030	0.76	
-158	4.737	120.32	0.030	0.76	
-159	4.987	126.67	0.035	0.89	
-160	5.237	133.02	0.035	0.89	
-161	5.487	139.37	0.035	0.89	
-162		145.72	0.035	0.89	
	5.737				
-163	5.987	152.07	0.035	0.89	
-164	6.237	158.42	0.040	1.02	
-165	6.487	164.77	0.040	1.02	
-166	6.737	171.12	0.040	1.02	
-167	6.987	177.47	0.040	1.02	
-168	7.237	183.82	0.045	1.14	
-169	7.487	190.17	0.045	1.14	
-170	7.737	196.52	0.045	1.14	
-170 -171					
	7.987	202.87	0.045	1.14	
-172	8.237	209.22	0.050	1.27	
-173	8.487	215.57	0.050	1.27	
-174	8.737	221.92	0.050	1.27	
-175	8.987	228.27	0.050	1.27	
-176	9 237	234 62	0.055	1.40	

L	5								
10		mm) CR(03"/±0.0		TION	0.13		mm) CR(04"/±0.1		TION
al rs	I.D. (Inches)	I.D. (mm)	I.D.± Tolerance (Inches)	I.D.± Tolerance (mm)	Universal Dash Numbers	I.D. (Inches)	I.D. (mm)	I.D.± Tolerance (Inches)	I.D.± Tolerance (mm)
	0.049	1.24	0.005	0.13	-201	0.171	4.34	0.005	0.13
	0.081	2.06	0.005	0.13	-202	0.234	5.94	0.005	0.13
	0.112	2.84 3.63	0.005 0.005	0.13 0.13	-203 -204	0.296 0.359	7.52 9.12	0.005 0.005	0.13 0.13
	0.143 0.174	4.42	0.005	0.13	-204	0.339	10.69	0.005	0.13
	0.206	5.23	0.005	0.13	-206	0.484	12.29	0.005	0.13
	0.237	6.02	0.005	0.13	-207	0.546	13.87	0.007	0.18
	0.299	7.59	0.005	0.13	-208	0.609	15.47	0.009	0.23
	0.362	9.19	0.005	0.13	-209	0.671	17.04	0.009	0.23
	0.424 0.487	10.77 12.37	0.005 0.005	0.13 0.13	-210 -211	0.734 0.796	18.64 20.22	0.010 0.010	0.25 0.25
	0.549	13.94	0.007	0.18	-212	0.859	21.82	0.010	0.25
	0.612	15.54	0.009	0.23	-213	0.921	23.39	0.010	0.25
	0.674	17.12	0.009	0.23	-214	0.984	24.99	0.010	0.25
	0.737	18.72	0.009	0.23	-215	1.046	26.57	0.010	0.25
	0.799 0.862	20.29 21.89	0.010 0.010	0.25 0.25	-216 -217	1.109 1.171	28.17 29.74	0.012 0.012	0.30 0.30
	0.862	23.47	0.010	0.25	-218	1.234	31.34	0.012	0.30
	0.987	25.07	0.010	0.25	-219	1.296	32.92	0.012	0.30
	1.049	26.64	0.010	0.25	-220	1.359	34.52	0.012	0.30
	1.112	28.24	0.010	0.25	-221	1.421	36.09	0.012	0.30
	1.174 1.237	29.82 31.42	0.012 0.012	0.30 0.30	-222 -223	1.484 1.609	37.69 40.87	0.015 0.015	0.38 0.38
	1.299	32.99	0.012	0.30	-224	1.734	44.04	0.015	0.38
	1.362	34.59	0.012	0.30	-225	1.859	47.22	0.018	0.46
	1.424	36.17	0.012	0.30	-226	1.984	50.39	0.018	0.46
	1.487	37.77	0.012	0.30	-227	2.109	53.57	0.018	0.46
	1.549 1.612	39.34 40.94	0.015 0.015	0.38 0.38	-228 -229	2.234 2.359	56.74 59.92	0.020 0.020	0.51 0.51
	1.674	42.52	0.015	0.38	-230	2.484	63.09	0.020	0.51
	1.737	44.12	0.015	0.38	-231	2.609	66.27	0.020	0.51
	1.799	45.69	0.015	0.38	-232	2.734	69.44	0.024	0.61
	1.862	47.29 48.90	0.015 0.017	0.38 0.43	-233 -234	2.859 2.984	72.62	0.024 0.024	0.61 0.61
	1.925 1.987	50.47	0.017	0.43	-235	3.109	75.79 78.97	0.024	0.61
	2.050	52.07	0.017	0.43	-236	3.234	82.14	0.024	0.61
	2.112	53.64	0.017	0.43	-237	3.359	85.32	0.024	0.61
	2.175	55.25	0.017	0.43	-238	3.484	88.49	0.024	0.61
	2.237 2.300	56.82 58.42	0.017 0.020	0.43 0.51	-239 -240	3.609 3.734	91.67 94.84	0.028 0.028	0.71 0.71
	2.362	59.99	0.020	0.51	-241	3.859	98.02	0.028	0.71
	2.425	61.60	0.020	0.51	-242	3.984	101.19	0.028	0.71
	2.487	63.17	0.020	0.51	-243	4.109	104.37	0.028	0.71
	2.550	64.77 66.34	0.020 0.020	0.51 0.51	-244 -245	4.234 4.359	107.54	0.030 0.030	0.76 0.76
	2.612 2.675	67.95	0.020	0.56	-245 -246	4.484	110.72 113.89	0.030	0.76
	2.737	69.52	0.022	0.56	-247	4.609	117.07	0.030	0.76
	2.800	71.12	0.022	0.56	-248	4.734	120.24	0.030	0.76
	2.862	72.69	0.022	0.56	-249	4.859	123.42	0.035	0.89
	2.987 3.237	75.87 82.22	0.024 0.024	0.61 0.61	-250 -251	4.984 5.109	126.59 129.77	0.035 0.035	0.89 0.89
	3.487	88.57	0.024	0.61	-252	5.234	132.94	0.035	0.89
	3.737	94.92	0.028	0.71	-253	5.359	136.12	0.035	0.89
	3.987	101.27	0.028	0.71	-254	5.484	139.29	0.035	0.89
	4.237 4.487	107.62 113.97	0.030 0.030	0.76 0.76	-255 -256	5.609 5.734	142.47 145.64	0.035 0.035	0.89 0.89
	4.487 4.737	120.32	0.030	0.76	-250 -257	5.859	148.82	0.035	0.89
	4.987	126.67	0.035	0.89	-258	5.984	151.99	0.035	0.89
	5.237	133.02	0.035	0.89	-259	6.234	158.34	0.040	1.02
	5.487	139.37 145.72	0.035 0.035	0.89 0.89	-260 -261	6.484 6.734	164.69 171.04	0.040 0.040	1.02 1.02
	5.737 5.987	152.07	0.035	0.89	-262	6.984	177.39	0.040	1.02
	6.237	158.42	0.040	1.02	-263	7.234	183.74	0.045	1.14
	6.487	164.77	0.040	1.02	-264	7.484	190.09	0.045	1.14
	6.737	171.12	0.040	1.02	-265 -266	7.734	196.44	0.045	1.14
	6.987 7.237	177.47 183.82	0.040 0.045	1.02 1.14	-266 -267	7.984 8.234	202.79 209.14	0.045 0.050	1.14 1.27
	7.487	190.17	0.045	1.14	-268	8.484	215.49	0.050	1.27
	7.737	196.52	0.045	1.14	-269	8.734	221.84	0.050	1.27
	7.987	202.87	0.045	1.14	-270	8.984	228.19	0.050	1.27
	8.237 8.487	209.22 215.57	0.050 0.050	1.27 1.27	-271 -272	9.234 9.484	234.54 240.89	0.055 0.055	1.40 1.40
	8.487 8.737	213.37	0.050	1.27	-272 -273	9.734	240.69	0.055	1.40
	8.987	228.27	0.050	1.27	-274	9.984	253.59	0.055	1.40
	9.237	234.62	0.055	1.40	-275	10.484	266.29	0.055	1.40
	9.487 9.737	240.97 247.32	0.055 0.055	1.40 1.40	-276 -277	10.984 11.484	278.99 291.69	0.065 0.065	1.65 1.65
	9.737	247.32	0.000	1.40	-277 -278	11.464	304.39	0.065	1.65
					-279	12.984	329.79	0.065	1.65

3.984 355.19

14.984 380.59

15.955 405.26

16.955 430.66

17.955 456.06

0.065 1.65

0.075 1.91

0.080 2.03

0.085 2.16

0.21	0" (5.33	mm) CD(nce cer	TION
0.21		05"/±0.1		IIUN
Universal	I.D.	I.D.	I.D.±	I.D.±
Dash	(Inches)	(mm)	Tolerance	Toleranc
Numbers -309	0.412	10.46	(Inches) 0.005	(mm) 0.13
-310	0.475	12.07	0.005	0.13
-311	0.537	13.64	0.007	0.18
-312	0.600	15.24	0.009	0.23
-313	0.662	16.81	0.009	0.23
-314	0.725	18.42	0.010	0.25
-315	0.787	19.99	0.010	0.25
-316	0.850	21.59	0.010	0.25
-317	0.912	23.16	0.010	0.25
-318	0.975	24.77	0.010	0.25
-319	1.037	26.34	0.010	0.25
-320	1.100	27.94	0.012	0.30
-321	1.162	29.51	0.012	0.30
-322	1.225	31.12	0.012	0.30
-323 -324	1.287 1.350	32.69 34.29	0.012 0.012	0.30
-325	1.475	37.47	0.015	0.38
-326	1.600	40.64	0.015	0.38
-327	1.725	43.82	0.015	0.38
-328	1.850	46.99	0.015	0.38
-329	1.975	50.17	0.018	0.46
-330	2.100	53.34	0.018	0.46
-331	2.225	56.52	0.018	0.46
-332	2.350	59.69	0.018	0.46
-333	2.475	62.87	0.020	0.51
-334	2.600	66.04	0.020	0.51
-335 -336	2.725	69.22	0.020	0.51
-337	2.850 2.975	72.39 75.57	0.020 0.024	0.51 0.61
-338	3.100	78.74	0.024	0.61
-339	3.225	81.92	0.024	0.61
-340 -341	3.350	85.09	0.024	0.61
-342	3.475 3.600	88.27 91.44	0.024 0.028	0.61 0.71
-343	3.725	94.62	0.028	0.71
-344	3.850	97.79	0.028	0.71
-345	3.975	100.97	0.028	0.71
-346	4.100	104.14	0.028	0.71
-347	4.225	107.32	0.030	0.76
-348	4.350	110.49	0.030	0.76
-349	4.475	113.67	0.030	0.76
-350	4.600	116.84	0.030	0.76
-351	4.725	120.02	0.030	0.76
-352	4.850	123.19	0.030	0.76
-353	4.975	126.37	0.037	0.94
-354	5.100	129.54	0.037	0.94
-355	5.225	132.72	0.037	0.94
-356	5.350	135.89	0.037	0.94
-357	5.475	139.07	0.037	0.94
-358	5.600	142.24	0.037	0.94
-359	5.725	145.42	0.037	0.94
-360	5.850	148.59	0.037	0.94
-361	5.975	151.77	0.037	0.94
-362	6.225	158.12	0.040	1.02
-363	6.475	164.47	0.040	1.02
-364	6.725	170.82	0.040	1.02
-365	6.975	177.17	0.040	1.02
-366	7.225	183.52	0.045	1.14
-367	7.475	189.87	0.045	1.14
-368	7.725	196.22	0.045	1.14
-369	7.975	202.57	0.045	1.14
-370	8.225	208.92	0.050	1.27
-371	8.475	215.27	0.050	1.27
-372	8.725	221.62	0.050	1.27
-373	8.975	227.97	0.050	1.27
-374	9.225	234.32	0.055	1.40
-375	9.475	240.67	0.055	1.40
-376	9.725	247.02	0.055	1.40
-377	9.975	253.37	0.055	1.40
-378	10.475	266.07	0.060	1.52
-379	10.975	278.77	0.060	1.52
-380	11.475	291.47	0.065	1.65
-381	11.975	304.17	0.065	1.65
-382	12.975	329.57	0.065	1.65
-383	13.975	354.97	0.070	1.78
-384	14.975	380.37	0.070	1.78
-385	15.955	405.26	0.075	1.91
-386	16.955	430.66	0.080	2.03
-387	17.955	456.06	0.085	2.16
-388	18.955	481.46	0.090	2.29
-389	19.955	506.86	0.095	2.41

20.955 532.26 0.095 2.41

21.955 557.66 0.095 2.41

22.940 582.68 0.105 2.67

23.940 608.08 0.110 2.79

24.940 | 633.48 | 0.115 | 2.92

25.940 658.88 0.120 3.05

0.27		mm) CR 06"/±0.1		TION	ID	Precix Compound#	Duro	Color	Typical Temp Range - deg
Iniversal Dash	I.D. (Inches)	I.D. (mm)	I.D.± Tolerance	I.D.± Tolerance	Perfluo	rocarbons (FFKM) – commonly	/ referred t	to as Kalrez® (
lumbers	4.475	113.67	(Inches)	(mm)	P06	13852	60	Off-white	-15 to 300 (5 to !
-425 -426	4.600	116.84	0.033 0.033	0.84 0.84	P04	13829	70	Off-white	-15 to 300 (5 to 5
-427	4.725	120.02	0.033	0.84	P03	13789	75	Black	-15 to 300 (5 to 5
-428	4.850	123.19	0.033	0.84	P05	13847	90	Black	-15 to 300 (5 to
-429	4.975	126.37	0.037	0.94		arbons (FKM) – commonly ref			
-430	5.100	129.54	0.037	0.94	F80	13710	60	Black	-25 to 250 (-13 t
-431 -432	5.225 5.350	132.72 135.89	0.037 0.037	0.94 0.94	<u>F37</u> F18	13737 13768	60 60	Black Brown	-40 to 250 (-40 to
433	5.475	139.07	0.037	0.94	F95	13795	65	Red	-22 to 250 (-8 to
134	5.600	142.24	0.037	0.94	F99	13799	65	Green	-22 to 250 (-8 to
135	5.725	145.42	0.037	0.94	F10	13759	70	Black	-25 to 250 (-13 t
136	5.850	148.59	0.037	0.94	F57	13671	70	Green	-25 to 250 (-13 to
37	5.975	151.77	0.037	0.94	F40*	13740	75	Brown	-25 to 250 (-13 to
38	6.225	158.12	0.040	1.02	F75*	13664	75	Black	-25 to 250 (-13 t
39 40	6.475 6.725	164.47 170.82	0.040 0.040	1.02 1.02					
140 141	6.725	170.62	0.040	1.02					
42	7.225	183.52	0.045	1.14	F05	13705	75	Blue	-40 to 250 (-40 t
43	7.475	189.87	0.045	1.14	F19	13790	75	Black	-40 to 250 (-40 to
.4	7.725	196.22	0.045	1.14	ГΙΘ	13790	75	Diack	-40 10 250 (-40 1
5	7.975	202.57	0.045	1.14	F86	13728	75	Green	-22 to 250 (-8 to
6 7	8.475	215.27	0.055	1.40	. 00	10720		G. 66.1	10 00 (0 10
7 8	8.975 9.475	227.97 240.67	0.055 0.055	1.40 1.40					
9	9.475	253.37	0.055	1.40	F78	13730	75	Black	-32 to 250 (-25 t
	10.475	266.07	0.060	1.52					
1	10.975	278.77	0.060	1.52	F79	13724	75	Black	-40 to 250 (-40 to
	11.475	291.47	0.060	1.52	F77	13729	75	Gray	-32 to 250 (-25 to
3	11.975	304.17	0.060	1.52	F139	13845	75	Black	-40 to 250 (-40 to
4	12.475	316.87	0.060	1.52	F125	13833	75	Brown	-25 to 250 (-13 to
5	12.975	329.57	0.060	1.52	F127	13834	75 75	Black Black	-25 to 250 (-13 to
56 57	13.475 13.975	342.27 354.97	0.070 0.070	1.78 1.78	<u>F48</u> F53	13753 13663	75	Black	-22 to 250 (-8 to
58	14.475	367.67	0.070	1.78	F38	13801	75	D.Blue	-40 to 250 (-40 to
59	14.975	380.37	0.070	1.78	F43	13742	75	Black	-22 to 250 (-8 to
60	15.475	393.07	0.070	1.78	F65	13678	75	Black	-22 to 250 (-8 to
61	15.955	405.26	0.075	1.91	F137	13843	80	Black	-22 to 250 (-8 to
62	16.455	417.96	0.075	1.91	F98	13798	80	Black	-22 to 250 (-8 to
63	16.955	430.66	0.080	2.03					
64 65	17.455 17.955	443.36 456.06	0.085 0.085	2.16 2.16					
.66	18.455	468.76	0.085	2.16		40000	00	Disale	00 +- 050 / 0 +-
67	18.955	481.46	0.090	2.29	F126	13803	80	Black	-22 to 250 (-8 to
68	19.455	494.16	0.090	2.29	F31	13731	80	Black	-32 to 250 (-25 t
69	19.955	506.86	0.095	2.41	F91	13791	80	Black	-25 to 250 (-23 t
70	20.955	532.26	0.095	2.41	101	10701		Black	20 to 200 (10 t
71	21.955	557.66	0.100	2.54	F118	13825	85	Blue	-25 to 250 (-13 t
472 473	22.940 23.940	582.68 608.08	0.105 0.110	2.67 2.79	F90*	13681	90	Black	-25 to 250 (-13 t
174	24.940	633.48	0.110	2.79					
175	25.940	658.88	0.110	3.05	F105	13810	90	Black	-25 to 250 (-13 t
					F131	13837	90	Green	-25 to 250 (-13 t
					F133	13839	95	Black	-25 to 250 (-15 t
						ilicones (FVMQ)	00	Di	001 000 (=5)
					G04	13344	60	Blue	-60 to 200 (-76 to
					G16*	13428	70	Blue	-60 to 200 (-76 to

ID	Precix Compound#	Duro	Color	Typical Temperature Range - deg C (F)	Comments
Perfluor	ocarbons (FFKM) – commonly	referred t	o as Kalrez® o	r Chemraz®	
P06	13852	60	Off-white	-15 to 300 (5 to 572)	Peroxide Cured
P04	13829	70	Off-white	-15 to 300 (5 to 572)	Peroxide Cured
P03	13789	75	Black	-15 to 300 (5 to 572)	AMS7257, Peroxide Cured
P05	13847	90	Black	-15 to 300 (5 to 572)	Peroxide Cured
Fluoroc	arbons (FKM) – commonly ref	erred to as	Viton®		
F80	13710	60	Black	-25 to 250 (-13 to 482)	
F37	13737	60	Black	-40 to 250 (-40 to 482)	GLT® Type
F18	13768	60	Brown	-25 to 250 (-13 to 482)	
F95	13795	65	Red	-22 to 250 (-8 to 482)	Volkswagen/Audi 2.8.1 – A/T 70
F99	13799	65	Green	-22 to 250 (-8 to 482)	GF® Type (HF – high fluorine), GM6268M Type IV
F10	13759	70	Black	-25 to 250 (-13 to 482)	Honda (several fuel applications/specifications)
F57	13671	70	Green	-25 to 250 (-13 to 482)	Delphi/Saginaw 7846478
F40*	13740	75	Brown	-25 to 250 (-13 to 482)	
F75*	13664	75	Black	-25 to 250 (-13 to 482)	AMS 7276 (AS3208, AS3209), Formerly AMS7278, AMS7280 (M83248/1, MS9387, AS3084, AS3085), QPL Listed,UL Recognized
F05	13705	75	Blue	-40 to 250 (-40 to 482)	GLT® Type, Delphi M54453, BMW GS 93010 5516-FPM 70-M
F19	13790	75	Black	-40 to 250 (-40 to 482)	GLT® Type , AMS-R-83485 (M83485/1), Pratt & Whitney, Hamilton & Boeing approved
F86	13728	75	Green	-22 to 250 (-8 to 482)	GF® Type (HF – high fluorine), Ford WSAM2D401A8, GM/ Opel 6268 & 6269M Type III, BMW GS 93010 5505-FPM-75-M, ultra low permeation, UL Recognized
F78	13730	75	Black	-32 to 250 (-25 to 482)	GFLT® Type, Ford WSAM 2D401A5, GM6269M Type I, UL Recognized
F79	13724	75	Black	-40 to 250 (-40 to 482)	GLT® Type
F77	13729	75	Gray	-32 to 250 (-25 to 482)	GFLT® Type, Ford WSAM 2D401A5
F139	13845	75	Black	-40 to 250 (-40 to 482)	AMS7379, True -40 TR-10 FKM
F125	13833	75	Brown	-25 to 250 (-13 to 482)	Caterpillar 1E0804
F127	13834	75	Black	-25 to 250 (-13 to 482)	Caterpillar 1E2865A
F48	13753	75	Black	-22 to 250 (-8 to 482)	Water, Base & Acid Resistance
F53	13663	75	Black	-22 to 250 (-8 to 482)	Transmission service - Dextron III and VI
F38	13801	75	D.Blue	-40 to 250 (-40 to 482)	Low Temperature Fluorocarbon
F43	13742	75	Black	-22 to 250 (-8 to 482)	High Fluorine; Water, Base & Acid Resistance
F65	13678	75	Black	-22 to 250 (-8 to 482)	Viton ETP (Extreme)
F137	13843	80	Black	-22 to 250 (-8 to 482)	Dual Clutch Transmission
F98	13798	80	Black	-22 to 250 (-8 to 482)	Semi-conductive using Nanotube technology - volume resistivity (ohm-cm) 10^1 - 10^3; Bosch 0 580 P00 024, BMW GS 93010 5505 (fuel applications) & 5521 (diesel applications) -FPM-80-M
F126	13803	80	Black	-22 to 250 (-8 to 482)	Enhanced Semi-conductive using Nanotube technology - volume resistivity under 5 ohm-cm typical
F31	13731	80	Black	-32 to 250 (-25 to 482)	GLT® Type
F91	13791	80	Black	-25 to 250 (-13 to 482)	AS43003, AS43013 (DTD 5613A,
					Grade 80), SBAC Rolls Royce
F118	13825	85	Blue	-25 to 250 (-13 to 482)	Delphi ZM54427
F90*	13681	90	Black	-25 to 250 (-13 to 482)	AMS 7259 (AS3581), Formerly AMS7279 (M83248/2, MS9970) QPL Listed
F105	13810	90	Black	-25 to 250 (-13 to 482)	John Deere JDM H4R
F131	13837	90	Green	-25 to 250 (-13 to 482)	Caterpillar 1E0944
F133	13839	95	Black	-25 to 250 (-15 to 482)	Explosive Decompression (ED) Resistant
Fluoros	ilicones (FVMQ)				
G04	13344	60	Blue	-60 to 200 (-76 to 392)	MIL-DTL-25988C, AMS-R-25988 CI1 Gr 60, (M25988/3), Boeing Approved
G16*	13428	70	Blue	-60 to 200 (-76 to 392)	MIL-DTL-25988C, AMS-R-25988 CI1 Gr 70, (M25988/1), Boeing & Hamilton Approved

uts	ID	Precix Compound#	Duro	Color	Typical Temperature Range - deg C (F)	Comments
	<u>L61</u>	L13445	70	Green	-60 to 200 (-76 to 392)	Honda (several fuel applications/specifications)
ured	<u>G20*</u>	13441	75	Blue	-60 to 200 (-76 to 392)	AMS273 (AS9966, AS9967), Boeing Approved
ured	G17	13430	75	Yellow	-60 to 200 (-76 to 392)	GM6268 & 6269M Type II, BMW GS 93010
Peroxide Cured						5519-FMQ-75-M, Volkswagen/Audi 2.8.1.A, For
ured						M2D401-A6
	G21	13504	75	Blue	-60 to 200 (-76 to 392)	MIL-DTL-25988C, AMS-R-25988 Cl3 Gr 75, (M25988/2), Boeing & Hamilton Approved
	G88	13488	80	Blue	-60 to 200 (-76 to 392)	MIL-DTL-25988C, AMS-R-25988 Cl1 Gr 80, (M25988/4), Boeing Approved
n/Audi 2.8.1 – A/T 70	Silicon	es (VMQ)				(MZ5906/4), Boeing Approved
HF – high fluorine), GM6268M Type IV	L95	13510	50	Red-Orange	-65 to 250 (-85 to 482)	Hamilton HS701, very high temp service
<u> </u>	L85	13485	60	Red	-65 to 225 (-85 to 437)	AMS 3303
eral fuel applications/specifications)					` '	
naw 7846478	L35	13402	70	Red	-65 to 225 (-85 to 437)	AMS7267, AMS3304, AMS3357, AMS3337 FDA Compliant
(AS3208, AS3209), Formerly AMS7278,	L70	13478	70	Red	-65 to 225 (-85 to 437)	AMS 3304
(M83248/1, MS9387, AS3084, AS3085), QPL	Fluoros	silicone/Silicone (FVMQ/VMQ)				
Recognized	L101		60	Blue	-60 to 200 (-76 to 392)	
, Delphi M54453, BMW GS 93010 5516-FPM-			00	Dide	-00 to 200 (-70 to 002)	
		Saturated Nitrile (HSN/HNBR)				
, AMS-R-83485 (M83485/1), Pratt & Whit-	H76	14576	70	Black	-34 to 150 (-30 to 302)	Caterpillar
ton & Boeing approved	<u>M27</u>	14481	70	Black	-32 to 150 (-25 to 302)	Ford ESWM2D247 Type I
HF – high fluorine), Ford WSAM2D401A8,	M30	14492	70	Black	-35 to 150 (-31 to 302)	
6268 & 6269M Type III, BMW GS 93010	M29	14482	75	Black	-34 to 150 (-30 to 302)	Ford ESWM2D247 Type III, Internal Lube
I-75-M, ultra low permeation, UL Recognized	H113	14610	75	Green		Bosch GW32-017
e, Ford WSAM 2D401A5, GM6269M Type I,	H95	14595	80	Black	-40 to 150 (-40 to 302)	BMW GS 93010 5518-HN BR-80-M M2D451-A2
nized	M98	14598	80	Black	-32 / 150 (-25 to 302)	Ford WSA-M2D451-A2
IIZeu	<u>H94</u>	14594	90	Black	-40 to 150 (-40 to 302)	
e, Ford WSAM 2D401A5	Ethyler	ne Propylene (EPDM)				
True -40 TR-10 FKM	E70	17401	60	Black	-46 to 150 (-50 to 302)	
	E154	17554	70	Black	-55 to 150 (-67 to 302)	Internal Lube
1E0804	E88	17456	70	Purple	-46 to 150 (-50 to 302)	Peroxide Cured
1E2865A				•	, ,	
e & Acid Resistance	E150	17550	70	Black	-46 to 150 (-50 to 302)	TRW TS2-18-035
on service - Dextron III and VI	E61	17331	70	Black	-46 to 150 (-50 to 302)	NSF61 Approved
rature Fluorocarbon	E34	17434	70	Black	-46 to 150 (-50 to 302)	UL Recognized. UL 1703: Flat-Plate Photovoltaid
ne; Water, Base & Acid Resistance					(2) (2) (2)	and Panels
Extreme)	E86	17454	75	Red	-46 to 150 (-50 to 302)	Peroxide Cured
Transmission	E152	17552	80	Black	-46 to 150 (-50 to 302)	
uctive using Nanotube technology - volume	Nitrile	(NBR)				
(ohm-cm) 10^1 - 10^3; Bosch 0 580 P00 024,	H73	14573	60	Black	-34 to 125 (-30 to 257)	
93010 5505 (fuel applications) & 5521 (diesel	H112	14609	65	Black	Ì	HS445
ns) -FPM-80-M	M31	14494	70	Black	-54 to 135 (-65 to 275)	MS28775 (MIL-P-25732), Formerly MS28775
Semi-conductive using Nanotube technology					,	(AMS-P-25732), QPL Listed
esistivity under 5 ohm-cm typical	M07	14327	70	Black	-34 to 125 (-30 to 257)	UL Recognized
	H77	14577	70	Black	-34 to 125 (-30 to 257)	DaimlerChrysler MSBZ105C, SAE 5120R1 Class
S43013 (DTD 5613A,	H102	14600	70	Black	-34 to 125 (-30 to 257)	HS163 Type A
, SBAC Rolls Royce	H104	14602	70	Black	-50 to 125 (-70 to 257)	UL Recognized
4427	H16	14126	75	Black	-29 to 125 (-20 to 257)	UL Recognized
(AS3581), Formerly AMS7279 (M83248/2,	H69	14571	70	Black	-25 / 125 (-13 to 257)	Daimler Chrysler MSBZ105G, JIS B2401 Class 2
PL Listed	H80	14575	80	Black	-34 to 125 (-30 to 257)	Daimier Offiysier Wob21030, 010 b2+01 Class I
JDM H4R			00	Diack	-34 (0 123 (-30 (0 231)	
1E0944	<u>Vamac</u>					
Decompression (ED) Resistant	M95	07795	50	Black	-51 / 177 (-70 to 350)	
resistant	M94	07794	70	Black	-51 / 177 (-70 to 350)	DaimlerChrysler MSBZ623 Gr A; Ford W-M2D44
	M86	07786	70	Black	-51 / 177 (-70 to 350)	
	<u>M96</u>	07796	70	Black	-51 / 177 (-70 to 350)	
5988C, AMS-R-25988 Cl1 Gr 60,						
3), Boeing Approved						
5988C, AMS-R-25988 Cl1 Gr 70,						
), Boeing & Hamilton Approved						

This represents only a small sample of Precix's extensive library of standard and custom compounds. For more comprehensive information about Precix, email: Engineering@precixinc.com.

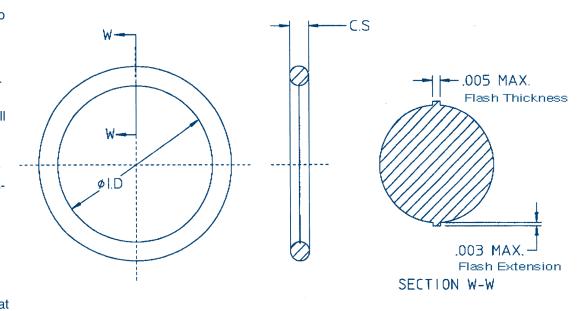
	0-R	ING BOS	S GASK	ETS FOR	R STRAIG	HT THR	EAD TUE	BE FITTI	NGS	
Universal Dash Numbers	I.D. (Inches)	I.D. ± Tolerance (Inches)	C.S. (Inches)	C.S. ± Tolerance (Inches)	Tube Size O.D. Inches	I.D. (mm)	I.D. ± Tolerance (mm)	C.S. (mm)	C.S. ± Tolerance (mm)	Tube Size O.D. (mm)
-901	0.185	0.005	0.056	0.003	3/32	4.70	0.13	1.42	0.08	2.38
-902	0.239	0.005	0.064	0.003	1/8	6.07	0.13	1.63	0.08	3.18
-903	0.301	0.005	0.064	0.003	3/16	7.65	0.13	1.63	0.08	4.76
-904	0.351	0.005	0.072	0.003	1/4	8.92	0.13	1.83	0.08	6.35
-905	0.414	0.005	0.072	0.003	5/16	10.52	0.13	1.83	0.08	7.94
-906	0.468	0.005	0.078	0.003	3/8	11.89	0.13	1.98	0.08	9.52
-907	0.530	0.007	0.082	0.003	7/16	13.46	0.18	2.08	0.08	11.11
-908	0.644	0.009	0.087	0.003	1/2	16.36	0.23	2.21	0.08	12.7
-909	0.706	0.009	0.097	0.003	9/16	17.93	0.23	2.46	0.08	14.29
-910	0.755	0.009	0.097	0.003	5/8	19.18	0.23	2.46	0.08	15.87
-911	0.863	0.009	0.116	0.004	11/16	21.92	0.23	2.95	0.10	17.46
-912	0.924	0.009	0.116	0.004	3/4	23.47	0.23	2.95	0.10	19.05
-913	0.986	0.010	0.116	0.004	13/16	25.04	0.25	2.95	0.10	20.64
-914	1.047	0.010	0.116	0.004	7/8	26.59	0.25	2.95	0.10	22.22
-916	1.171	0.010	0.116	0.004	1	29.74	0.25	2.95	0.10	25.4
-918	1.355	0.012	0.116	0.004	1-1/8	34.42	0.30	2.95	0.10	28.57
-920	1.475	0.014	0.118	0.004	1-1/4	37.47	0.36	3.00	0.10	31.75
-924	1.720	0.014	0.118	0.004	1-1/2	43.69	0.36	3.00	0.10	38.1
-928	2.090	0.018	0.118	0.004	1-3/4	53.09	0.46	3.00	0.10	44.45
-932	2.337	0.018	0.118	0.004	2	59.36	0.46	3.00	0.10	50.80

Only one Class of tolerances appears, conforming to the former Class I for O-Rings with inside diameters up to and including 0.50 inch (12.7 mm), and to the former Class II for O-Rings larger than 0.50 inch (12.7 mm).

In Table 1, the dash numbers are divided into groups of one hundred, and within each group are sequential and nonsignificant. Each hundred group, however, identifies the cross section size of the O-Rings within the group. For example, all 0.070 inch (1.78 mm) and smaller O-Ring cross sections fall into the groups of -001 thru -099. The 0.103 inch (2.62 mm) cross section rings fall into the group of -100 thru -199, and so on.

Table 2, using the 900 series dash numbers, lists all of the presently standardized straight thread tube fitting boss gaskets. This series has traditionally utilized the significant dash numbering system, wherein the dash number designates the tube size in 16ths of an inch. This practice is also followed here, with the exception of the -901, which is intended for a 0.0938 inch (2.38 mm) nominal OD (outside diameter) tube, the 0.0625 inch (1.59 mm) OD tube not being in common aircraft use.

In the interest of standardization, it is requested that companies or agencies do not use the dash numbers in Table 1 to which sizes have not been assigned. Sizes not assigned are indicated by an asterisk (*). Anyone feeling that any special size not shown is widely enough used to justify standardization should direct such a request to AMS Committee "CE" for coordination.





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