

RATIONALE

FEDERAL SUPPLY CLASS
5331

THIS STANDARD REPLACES SAE AMS-P-83461/1 WHICH SUPERSEDED MIL-P-83461/1 AND ADDS VISUAL QUALITY ASSURANCE, PACKAGING AND LABELING REQUIREMENTS NEEDED FOR PROCUREMENT OF O-RINGS MOLDED FROM AMS-P-83461 NBR RUBBER. THE M83461/1 PART NUMBERS HAVE BEEN RETAINED.

ALL DIAMETERS OF CROSS SECTION SHALL EQUAL W

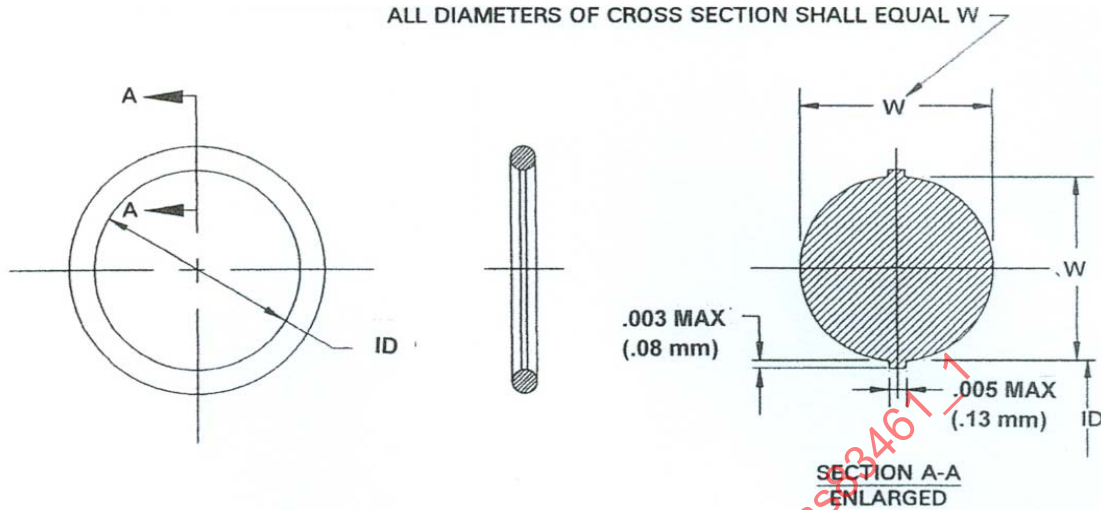
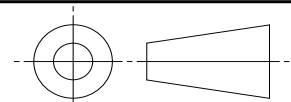


TABLE 1 - DYNAMIC OR STATIC USE

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-001	.025	.033	0.64	0.84	.037	.043	0.94	1.09	.001	0.0004
M83461/1-002	.038	.046	0.97	1.17	.047	.053	1.19	1.35	.003	0.0014
M83461/1-003	.052	.060	1.32	1.52	.057	.063	1.45	1.60	.005	0.0023
M83461/1-004	.065	.075	1.65	1.91	.067	.073	1.70	1.85	.008	0.0036
M83461/1-005	.096	.106	2.44	2.69	.067	.073	1.70	1.85	.010	0.0045
M83461/1-006	.109	.119	2.77	3.02	.067	.073	1.70	1.85	.010	0.0045
M83461/1-007	.140	.150	3.56	3.81	.067	.073	1.70	1.85	.012	0.0054
M83461/1-008	.171	.181	4.34	4.60	.067	.073	1.70	1.85	.014	0.0064
M83461/1-009	.203	.213	5.16	5.41	.067	.073	1.70	1.85	.016	0.0073
M83461/1-010	.234	.244	5.94	6.20	.067	.073	1.70	1.85	.017	0.0077
M83461/1-011	.296	.306	7.52	7.77	.067	.073	1.70	1.85	.021	0.0095
M83461/1-012	.359	.369	9.12	9.37	.067	.073	1.70	1.85	.024	0.011
M83461/1-104	.107	.117	2.72	2.97	.100	.106	2.54	2.69	.026	0.012
M83461/1-105	.138	.148	3.51	3.76	.100	.106	2.54	2.69	.029	0.013
M83461/1-106	.169	.179	4.29	4.55	.100	.106	2.54	2.69	.034	0.015
M83461/1-107	.201	.211	5.11	5.36	.100	.106	2.54	2.69	.037	0.017
M83461/1-108	.232	.242	5.89	6.15	.100	.106	2.54	2.69	.041	0.019
M83461/1-109	.294	.304	7.47	7.72	.100	.106	2.54	2.69	.048	0.022
M83461/1-110	.357	.367	9.07	9.32	.100	.106	2.54	2.69	.056	0.025
M83461/1-111	.419	.429	10.64	10.90	.100	.106	2.54	2.69	.063	0.029
M83461/1-112	.482	.492	12.24	12.50	.100	.106	2.54	2.69	.071	0.032
M83461/1-113	.542	.556	13.77	14.12	.100	.106	2.54	2.69	.079	0.036
M83461/1-114	.603	.621	15.32	15.77	.100	.106	2.54	2.69	.086	0.039
M83461/1-115	.665	.683	16.89	17.35	.100	.106	2.54	2.69	.093	0.042

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THIRD ANGLE PROJECTION



CUSTODIAN: SAE A-6/A-6C SEALS PANEL

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

PACKING, PREFORMED – M83461 O-RING

AS83461/1
SHEET 1 OF 10

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TABLE 1 - DYNAMIC OR STATIC USE (CONTINUED)

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-116	.728	.746	18.49	18.95	.100	.106	2.54	2.69	.101	0.046
M83461/1-210	.724	.744	18.39	18.90	.135	.143	3.43	3.63	.191	0.087
M83461/1-211	.786	.806	19.96	20.47	.135	.143	3.43	3.63	.205	0.093
M83461/1-212	.849	.869	21.56	22.07	.135	.143	3.43	3.63	.219	0.099
M83461/1-213	.911	.931	23.14	23.65	.135	.143	3.43	3.63	.232	0.105
M83461/1-214	.974	.994	24.74	25.25	.135	.143	3.43	3.63	.246	0.112
M83461/1-215	1.036	1.056	26.31	26.82	.135	.143	3.43	3.63	.260	0.118
M83461/1-216	1.097	1.121	27.86	28.47	.135	.143	3.43	3.63	.274	0.124
M83461/1-217	1.159	1.183	29.44	30.05	.135	.143	3.43	3.63	.287	0.130
M83461/1-218	1.222	1.246	31.04	31.65	.135	.143	3.43	3.63	.302	0.137
M83461/1-219	1.284	1.308	32.61	33.22	.135	.143	3.43	3.63	.315	0.143
M83461/1-220	1.347	1.371	34.21	34.82	.135	.143	3.43	3.63	.328	0.149
M83461/1-221	1.409	1.433	35.79	36.40	.135	.143	3.43	3.63	.342	0.155
M83461/1-222	1.469	1.499	37.31	38.07	.135	.143	3.43	3.63	.356	0.161
M83461/1-325	1.460	1.490	37.08	37.85	.205	.215	5.21	5.46	.843	0.382
M83461/1-326	1.585	1.615	40.26	41.02	.205	.215	5.21	5.46	.906	0.411
M83461/1-327	1.710	1.740	43.43	44.20	.205	.215	5.21	5.46	.969	0.440
M83461/1-328	1.835	1.865	46.61	47.37	.205	.215	5.21	5.46	1.031	0.468
M83461/1-329	1.957	1.993	49.71	50.62	.205	.215	5.21	5.46	1.094	0.496
M83461/1-330	2.082	2.118	52.88	53.80	.205	.215	5.21	5.46	1.156	0.524
M83461/1-331	2.207	2.243	56.06	56.97	.205	.215	5.21	5.46	1.219	0.553
M83461/1-332	2.332	2.368	59.23	60.15	.205	.215	5.21	5.46	1.282	0.582
M83461/1-333	2.455	2.495	62.36	63.37	.205	.215	5.21	5.46	1.344	0.610
M83461/1-334	2.580	2.620	65.53	66.55	.205	.215	5.21	5.46	1.407	0.638
M83461/1-335	2.705	2.745	68.71	69.72	.205	.215	5.21	5.46	1.469	0.666
M83461/1-336	2.830	2.870	71.88	72.90	.205	.215	5.21	5.46	1.532	0.695
M83461/1-337	2.951	2.999	74.96	76.17	.205	.215	5.21	5.46	1.594	0.723
M83461/1-338	3.076	3.124	78.13	79.35	.205	.215	5.21	5.46	1.657	0.752
M83461/1-339	3.201	3.249	81.31	82.52	.205	.215	5.21	5.46	1.719	0.780
M83461/1-340	3.326	3.374	84.48	85.70	.205	.215	5.21	5.46	1.782	0.808
M83461/1-341	3.451	3.499	87.66	88.87	.205	.215	5.21	5.46	1.845	0.837
M83461/1-342	3.572	3.628	90.73	92.15	.205	.215	5.21	5.46	1.907	0.865
M83461/1-343	3.697	3.753	93.90	95.33	.205	.215	5.21	5.46	1.970	0.894
M83461/1-344	3.822	3.878	97.08	98.50	.205	.215	5.21	5.46	2.032	0.922
M83461/1-345	3.947	4.003	100.25	101.68	.205	.215	5.21	5.46	2.095	0.950
M83461/1-346	4.072	4.128	103.43	104.85	.205	.215	5.21	5.46	2.157	0.978
M83461/1-347	4.195	4.255	106.55	108.08	.205	.215	5.21	5.46	2.220	1.007
M83461/1-348	4.320	4.380	109.73	111.25	.205	.215	5.21	5.46	2.282	1.035
M83461/1-349	4.445	4.505	112.90	114.43	.205	.215	5.21	5.46	2.345	1.064
M83461/1-425	4.442	4.508	112.83	114.50	.269	.281	6.83	7.14	4.077	1.849
M83461/1-426	4.567	4.633	116.00	117.68	.269	.281	6.83	7.14	4.185	1.898
M83461/1-427	4.692	4.758	119.18	120.85	.269	.281	6.83	7.14	4.292	1.947
M83461/1-428	4.817	4.883	122.35	124.03	.269	.281	6.83	7.14	4.399	1.995
M83461/1-429	4.938	5.012	125.43	127.30	.269	.281	6.83	7.14	4.506	2.044
M83461/1-430	5.063	5.137	128.60	130.48	.269	.281	6.83	7.14	4.614	2.093

TABLE 1 - DYNAMIC OR STATIC USE (CONTINUED)

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-431	5.188	5.262	131.78	133.65	.269	.281	6.83	7.14	4.721	2.141
M83461/1-432	5.313	5.387	134.95	136.83	.269	.281	6.83	7.14	4.828	2.190
M83461/1-433	5.438	5.512	138.13	140.00	.269	.281	6.83	7.14	4.935	2.239
M83461/1-434	5.563	5.637	141.30	143.18	.269	.281	6.83	7.14	5.042	2.287
M83461/1-435	5.688	5.762	144.48	146.35	.269	.281	6.83	7.14	5.150	2.336
M83461/1-436	5.813	5.887	147.65	149.53	.269	.281	6.83	7.14	5.257	2.395
M83461/1-437	5.938	6.012	150.83	152.70	.269	.281	6.83	7.14	5.364	2.433
M83461/1-438	6.185	6.265	157.10	159.13	.269	.281	6.83	7.14	5.579	2.531
M83461/1-439	6.435	6.515	163.45	165.48	.269	.281	6.83	7.14	5.794	2.628
M83461/1-440	6.685	6.765	169.80	171.83	.269	.281	6.83	7.14	6.008	2.725
M83461/1-441	6.935	7.015	176.15	178.18	.269	.281	6.83	7.14	6.223	2.823
M83461/1-442	7.180	7.270	182.37	184.66	.269	.281	6.83	7.14	6.438	2.920
M83461/1-443	7.430	7.520	188.72	191.01	.269	.281	6.83	7.14	6.652	3.017
M83461/1-444	7.680	7.770	195.07	197.36	.269	.281	6.83	7.14	6.867	3.115
M83461/1-445	7.930	8.020	201.42	203.71	.269	.281	6.83	7.14	7.081	3.212
M83461/1-446	8.420	8.530	213.87	216.66	.269	.281	6.83	7.14	7.510	3.407
M83461/1-447	8.920	9.030	226.57	229.36	.269	.281	6.83	7.14	7.940	3.602
M83461/1-448	9.420	9.530	239.27	242.06	.269	.281	6.83	7.14	8.369	3.796
M83461/1-449	9.920	10.030	251.97	254.76	.269	.281	6.83	7.14	8.798	3.991
M83461/1-450	10.415	10.535	264.54	267.59	.269	.281	6.83	7.14	9.227	4.185
M83461/1-451	10.915	11.035	277.24	280.29	.269	.281	6.83	7.14	9.656	4.380
M83461/1-452	11.415	11.535	289.94	292.99	.269	.281	6.83	7.14	10.086	4.575
M83461/1-453	11.915	12.035	302.64	305.69	.269	.281	6.83	7.14	10.515	4.770
M83461/1-454	12.415	12.535	315.34	318.39	.269	.281	6.83	7.14	10.944	4.964
M83461/1-455	12.915	13.035	328.04	331.09	.269	.281	6.83	7.14	11.373	5.159
M83461/1-456	13.405	13.545	340.49	344.04	.269	.281	6.83	7.14	11.802	5.353
M83461/1-457	13.905	14.045	353.19	356.74	.269	.281	6.83	7.14	12.231	5.548
M83461/1-458	14.405	14.545	365.89	369.44	.269	.281	6.83	7.14	12.660	5.742
M83461/1-459	14.905	15.045	378.59	382.14	.269	.281	6.83	7.14	13.090	5.933
M83461/1-460	15.405	15.545	391.29	394.84	.269	.281	6.83	7.14	13.519	6.132

TABLE 2 - DYNAMIC OR STATIC USE *

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-102	.044	.054	1.12	1.37	.100	.106	2.54	2.69	.018	0.008
M83461/1-103	.076	.086	1.93	2.18	.100	.106	2.54	2.69	.022	0.010
M83461/1-201	.166	.176	4.22	4.47	.135	.143	3.43	3.63	.068	0.031
M83461/1-202	.229	.239	5.82	6.07	.135	.143	3.43	3.63	.082	0.037
M83461/1-203	.291	.301	7.39	7.65	.135	.143	3.43	3.63	.095	0.043
M83461/1-204	.354	.364	8.99	9.25	.135	.143	3.43	3.63	.109	0.049
M83461/1-205	.416	.426	10.57	10.82	.135	.143	3.43	3.63	.123	0.056
M83461/1-206	.479	.489	12.17	12.42	.135	.143	3.43	3.63	.137	0.062
M83461/1-207	.539	.553	13.69	14.05	.135	.143	3.43	3.63	.150	0.068
M83461/1-208	.600	.618	15.24	15.70	.135	.143	3.43	3.63	.164	0.074
M83461/1-209	.662	.680	16.81	17.27	.135	.143	3.43	3.63	.178	0.081

* THESE O-RING SIZES ARE NOT SUPPORTED BY AS4716 AND ARE INTENDED FOR NONSTANDARD APPLICATIONS.

TABLE 2 - DYNAMIC OR STATIC USE (CONTINUED)*

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-309	.407	.417	10.34	10.59	.205	.215	5.21	5.46	.311	0.141
M83461/1-310	.470	.480	11.94	12.19	.205	.215	5.21	5.46	.343	0.155
M83461/1-311	.530	.544	13.46	13.82	.205	.215	5.21	5.46	.374	0.170
M83461/1-312	.591	.609	15.01	15.47	.205	.215	5.21	5.46	.405	0.184
M83461/1-313	.653	.671	16.59	17.04	.205	.215	5.21	5.46	.436	0.198
M83461/1-314	.715	.735	18.16	18.67	.205	.215	5.21	5.46	.468	0.212
M83461/1-315	.777	.797	19.74	20.24	.205	.215	5.21	5.46	.499	0.226
M83461/1-316	.840	.860	21.34	21.84	.205	.215	5.21	5.46	.530	0.241
M83461/1-317	.902	.922	22.91	23.42	.205	.215	5.21	5.46	.562	0.255
M83461/1-318	.965	.985	24.51	25.02	.205	.215	5.21	5.46	.593	0.269
M83461/1-319	1.027	1.047	26.09	26.59	.205	.215	5.21	5.46	.624	0.283
M83461/1-320	1.088	1.112	27.64	28.24	.205	.215	5.21	5.46	.656	0.297
M83461/1-321	1.150	1.174	29.21	29.82	.205	.215	5.21	5.46	.687	0.312
M83461/1-322	1.213	1.237	30.81	31.42	.205	.215	5.21	5.46	.718	0.326
M83461/1-323	1.275	1.299	32.39	32.99	.205	.215	5.21	5.46	.749	0.340
M83461/1-324	1.338	1.362	33.99	34.59	.205	.215	5.21	5.46	.781	0.354

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TABLE 3 - STATIC USE ONLY

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-013	.421	.431	10.69	10.95	.067	.073	1.70	1.85	.028	0.013
M83461/1-014	.484	.494	12.29	12.55	.067	.073	1.70	1.85	.031	0.014
M83461/1-015	.544	.558	13.82	14.17	.067	.073	1.70	1.85	.034	0.015
M83461/1-016	.605	.623	15.37	15.82	.067	.073	1.70	1.85	.038	0.017
M83461/1-017	.667	.685	16.94	17.40	.067	.073	1.70	1.85	.041	0.019
M83461/1-018	.730	.748	18.54	19.00	.067	.073	1.70	1.85	.045	0.020
M83461/1-019	.792	.810	20.12	20.57	.067	.073	1.70	1.85	.048	0.022
M83461/1-020	.855	.873	21.72	22.17	.067	.073	1.70	1.85	.052	0.024
M83461/1-021	.917	.935	23.29	23.75	.067	.073	1.70	1.85	.055	0.025
M83461/1-022	.979	.999	24.87	25.37	.067	.073	1.70	1.85	.059	0.027
M83461/1-023	1.041	1.061	26.44	26.95	.067	.073	1.70	1.85	.062	0.028
M83461/1-024	1.104	1.124	28.04	28.55	.067	.073	1.70	1.85	.066	0.0301
M83461/1-025	1.165	1.187	29.59	30.15	.067	.073	1.70	1.85	.069	0.031
M83461/1-026	1.228	1.250	31.19	31.75	.067	.073	1.70	1.85	.073	0.033
M83461/1-027	1.290	1.312	32.77	33.32	.067	.073	1.70	1.85	.076	0.034
M83461/1-028	1.351	1.377	34.32	34.98	.067	.073	1.70	1.85	.080	0.036
M83461/1-117	.789	.809	20.04	20.55	.100	.106	2.54	2.69	.108	0.049
M83461/1-118	.852	.872	21.64	22.15	.100	.106	2.54	2.69	.116	0.053
M83461/1-119	.914	.934	23.22	23.72	.100	.106	2.54	2.69	.124	0.056
M83461/1-120	.977	.997	24.82	25.32	.100	.106	2.54	2.69	.131	0.059
M83461/1-121	1.039	1.059	26.39	26.90	.100	.106	2.54	2.69	.139	0.063
M83461/1-122	1.102	1.122	27.99	28.50	.100	.106	2.54	2.69	.146	0.066
M83461/1-123	1.162	1.186	29.51	30.12	.100	.106	2.54	2.69	.154	0.070
M83461/1-124	1.225	1.249	31.12	31.72	.100	.106	2.54	2.69	.161	0.073
M83461/1-125	1.287	1.311	32.69	33.30	.100	.106	2.54	2.69	.169	0.077

TABLE 3 - STATIC USE ONLY (CONTINUED)

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-126	1.350	1.374	34.29	34.90	.100	.106	2.54	2.69	.176	0.080
M83461/1-127	1.412	1.436	35.86	36.47	.100	.106	2.54	2.69	.184	0.083
M83461/1-128	1.475	1.499	37.46	38.07	.100	.106	2.54	2.69	.191	0.087
M83461/1-129	1.534	1.564	38.96	39.73	.100	.106	2.54	2.69	.199	0.090
M83461/1-130	1.597	1.627	40.56	41.33	.100	.106	2.54	2.69	.207	0.094
M83461/1-131	1.659	1.689	42.14	42.90	.100	.106	2.54	2.69	.214	0.097
M83461/1-132	1.722	1.752	43.74	44.50	.100	.106	2.54	2.69	.222	0.101
M83461/1-133	1.784	1.814	45.31	46.08	.100	.106	2.54	2.69	.230	0.104
M83461/1-134	1.847	1.877	46.91	47.68	.100	.106	2.54	2.69	.236	0.107
M83461/1-135	1.908	1.942	48.46	49.33	.100	.106	2.54	2.69	.244	0.111
M83461/1-136	1.970	2.004	50.04	50.90	.100	.106	2.54	2.69	.252	0.114
M83461/1-137	2.033	2.067	51.64	52.50	.100	.106	2.54	2.69	.259	0.117
M83461/1-138	2.095	2.129	53.21	54.08	.100	.106	2.54	2.69	.267	0.121
M83461/1-139	2.158	2.192	54.81	55.68	.100	.106	2.54	2.69	.274	0.124
M83461/1-140	2.220	2.254	56.39	57.25	.100	.106	2.54	2.69	.282	0.128
M83461/1-141	2.280	2.320	57.91	58.93	.100	.106	2.54	2.69	.289	0.131
M83461/1-142	2.342	2.382	59.49	60.50	.100	.106	2.54	2.69	.297	0.135
M83461/1-143	2.405	2.445	61.09	62.10	.100	.106	2.54	2.69	.304	0.138
M83461/1-144	2.467	2.507	62.66	63.68	.100	.106	2.54	2.69	.312	0.142
M83461/1-145	2.530	2.570	64.26	65.28	.100	.106	2.54	2.69	.319	0.145
M83461/1-146	2.592	2.632	65.84	66.85	.100	.106	2.54	2.69	.327	0.148
M83461/1-147	2.653	2.697	67.39	68.50	.100	.106	2.54	2.69	.334	0.152
M83461/1-148	2.715	2.759	68.96	70.08	.100	.106	2.54	2.69	.342	0.155
M83461/1-149	2.778	2.822	70.56	71.68	.100	.106	2.54	2.69	.350	0.159
M83461/1-223	1.594	1.624	40.49	41.25	.135	.143	3.43	3.63	.383	0.174
M83461/1-224	1.719	1.749	43.66	44.42	.135	.143	3.43	3.63	.411	0.186
M83461/1-225	1.841	1.877	46.76	47.68	.135	.143	3.43	3.63	.438	0.199
M83461/1-226	1.966	2.002	49.94	50.85	.135	.143	3.43	3.63	.466	0.211
M83461/1-227	2.091	2.127	53.11	54.03	.135	.143	3.43	3.63	.493	0.224
M83461/1-228	2.214	2.254	56.24	57.25	.135	.143	3.43	3.63	.529	0.240
M83461/1-229	2.339	2.379	59.41	60.43	.135	.143	3.43	3.63	.543	0.249
M83461/1-230	2.464	2.504	62.59	63.60	.135	.143	3.43	3.63	.575	0.261
M83461/1-231	2.589	2.629	65.76	66.78	.135	.143	3.43	3.63	.603	0.274
M83461/1-232	2.710	2.758	68.83	70.05	.135	.143	3.43	3.63	.630	0.286
M83461/1-233	2.835	2.883	72.01	73.23	.135	.143	3.43	3.63	.657	0.298
M83461/1-234	2.960	3.008	75.18	76.40	.135	.143	3.43	3.63	.685	0.311
M83461/1-235	3.085	3.133	78.36	79.58	.135	.143	3.43	3.63	.712	0.323
M83461/1-236	3.210	3.258	81.53	82.75	.135	.143	3.43	3.63	.740	0.336
M83461/1-237	3.335	3.383	84.71	85.93	.135	.143	3.43	3.63	.767	0.348
M83461/1-238	3.460	3.508	87.88	89.10	.135	.143	3.43	3.63	.794	0.360
M83461/1-239	3.581	3.637	90.96	92.38	.135	.143	3.43	3.63	.822	0.373
M83461/1-240	3.706	3.762	94.13	95.55	.135	.143	3.43	3.63	.849	0.385

TABLE 3 - STATIC USE ONLY (CONTINUED)

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-241	3.831	3.887	97.31	98.73	.135	.143	3.43	3.63	.877	0.398
M83461/1-242	3.956	4.012	100.48	101.90	.135	.143	3.43	3.63	.904	0.410
M83461/1-243	4.081	4.137	103.66	105.08	.135	.143	3.43	3.63	.932	0.423
M83461/1-244	4.204	4.264	106.76	108.31	.135	.143	3.43	3.63	.959	0.433
M83461/1-245	4.329	4.389	109.96	111.48	.135	.143	3.43	3.63	.986	0.447
M83461/1-246	4.454	4.514	113.13	114.66	.135	.143	3.43	3.63	1.014	0.460
M83461/1-247	4.579	4.639	116.31	117.83	.135	.143	3.43	3.63	1.041	0.472

TABLE 4 - STATIC USE ONLY *

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-029	1.476	1.502	37.49	38.15	.067	.073	1.70	1.85	.086	0.039
M83461/1-030	1.601	1.627	40.67	41.33	.067	.073	1.70	1.85	.094	0.043
M83461/1-031	1.724	1.754	43.79	44.55	.067	.073	1.70	1.85	.101	0.046
M83461/1-032	1.849	1.879	46.96	47.73	.067	.073	1.70	1.85	.108	0.049
M83461/1-033	1.971	2.007	50.06	50.98	.067	.073	1.70	1.85	.114	0.052
M83461/1-034	2.096	2.132	53.24	54.15	.067	.073	1.70	1.85	.121	0.055
M83461/1-035	2.221	2.257	56.41	57.33	.067	.073	1.70	1.85	.128	0.058
M83461/1-036	2.346	2.382	59.59	60.50	.067	.073	1.70	1.85	.135	0.061
M83461/1-037	2.471	2.507	62.76	63.68	.067	.073	1.70	1.85	.142	0.064
M83461/1-038	2.594	2.634	65.89	66.90	.067	.073	1.70	1.85	.149	0.068
M83461/1-039	2.719	2.759	69.06	70.08	.067	.073	1.70	1.85	.156	0.071
M83461/1-040	2.844	2.884	72.24	73.25	.067	.073	1.70	1.85	.163	0.074
M83461/1-041	2.965	3.013	75.31	76.53	.067	.073	1.70	1.85	.170	0.077
M83461/1-042	3.215	3.263	81.66	82.88	.067	.073	1.70	1.85	.184	0.083
M83461/1-043	3.465	3.513	88.01	89.23	.067	.073	1.70	1.85	.198	0.090
M83461/1-044	3.712	3.766	94.28	95.66	.067	.073	1.70	1.85	.212	0.096
M83461/1-045	3.962	4.016	100.63	102.01	.067	.073	1.70	1.85	.226	0.102
M83461/1-046	4.209	4.269	106.91	108.43	.067	.073	1.70	1.85	.240	0.109
M83461/1-047	4.459	4.519	113.26	114.78	.067	.073	1.70	1.85	.254	0.115
M83461/1-048	4.709	4.769	119.61	121.13	.067	.073	1.70	1.85	.267	0.121
M83461/1-049	4.952	5.026	125.78	127.66	.067	.073	1.70	1.85	.281	0.127
M83461/1-050	5.202	5.276	132.13	134.01	.067	.073	1.70	1.85	.295	0.134
M83461/1-150	2.840	2.884	72.14	73.25	.100	.106	2.54	2.69	.357	0.162
M83461/1-151	2.963	3.011	75.26	76.48	.100	.106	2.54	2.69	.372	0.169
M83461/1-152	3.213	3.261	81.61	82.83	.100	.106	2.54	2.69	.402	0.181
M83461/1-153	3.463	3.511	87.96	89.18	.100	.106	2.54	2.69	.433	0.196
M83461/1-154	3.709	3.765	94.21	95.63	.100	.106	2.54	2.69	.462	0.210
M83461/1-155	3.959	4.015	100.56	101.98	.100	.106	2.54	2.69	.493	0.224
M83461/1-156	4.207	4.267	106.86	108.38	.100	.106	2.54	2.69	.523	0.237
M83461/1-157	4.457	4.517	113.21	114.73	.100	.106	2.54	2.69	.553	0.251
M83461/1-158	4.707	4.767	119.56	121.08	.100	.106	2.54	2.69	.583	0.264
M83461/1-159	4.952	5.022	125.78	127.56	.100	.106	2.54	2.69	.613	0.278
M83461/1-160	5.202	5.272	132.13	133.91	.100	.106	2.54	2.69	.643	0.292
M83461/1-161	5.452	5.522	138.48	140.26	.100	.106	2.54	2.69	.673	0.305
M83461/1-162	5.702	5.772	144.83	146.61	.100	.106	2.54	2.69	.703	0.319
M83461/1-163	5.952	6.022	151.18	152.96	.100	.106	2.54	2.69	.733	0.332
M83461/1-164	6.197	6.277	157.40	159.44	.100	.106	2.54	2.69	.763	0.346
M83461/1-165	6.447	6.527	163.75	165.79	.100	.106	2.54	2.69	.793	0.360

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TABLE 4 - STATIC USE ONLY (CONTINUED)*

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-166	6.697	6.777	170.10	172.14	.100	.106	2.54	2.69	.823	0.373
M83461/1-167	6.947	7.027	176.45	178.49	.100	.106	2.54	2.69	.853	0.387
M83461/1-168	7.192	7.282	182.68	184.96	.100	.106	2.54	2.69	.883	0.401
M83461/1-169	7.442	7.532	189.03	191.31	.100	.106	2.54	2.69	.913	0.414
M83461/1-170	7.692	7.782	195.38	197.66	.100	.106	2.54	2.69	.943	0.428
M83461/1-171	7.942	8.032	201.73	204.01	.100	.106	2.54	2.69	.973	0.441
M83461/1-172	8.187	8.287	207.95	210.49	.100	.106	2.54	2.69	1.003	0.455
M83461/1-173	8.437	8.537	214.30	216.84	.100	.106	2.54	2.69	1.033	0.469
M83461/1-174	8.687	8.787	220.65	223.19	.100	.106	2.54	2.69	1.064	0.483
M83461/1-175	8.937	9.037	227.00	229.54	.100	.106	2.54	2.69	1.094	0.496
M83461/1-176	9.182	9.292	233.22	236.02	.100	.106	2.54	2.69	1.124	0.510
M83461/1-177	9.432	9.542	239.57	242.37	.100	.106	2.54	2.69	1.154	0.523
M83461/1-178	9.682	9.792	245.92	248.72	.100	.106	2.54	2.69	1.184	0.537
M83461/1-248	4.704	4.764	119.48	121.01	.135	.143	3.43	3.63	1.068	0.484
M83461/1-249	4.824	4.894	122.53	124.31	.135	.143	3.43	3.63	1.096	0.497
M83461/1-250	4.949	5.019	125.70	127.48	.135	.143	3.43	3.63	1.123	0.509
M83461/1-251	5.074	5.144	128.88	130.66	.135	.143	3.43	3.63	1.151	0.522
M83461/1-252	5.199	5.269	132.05	133.83	.135	.143	3.43	3.63	1.178	0.534
M83461/1-253	5.324	5.394	135.23	137.01	.135	.143	3.43	3.63	1.206	0.547
M83461/1-254	5.449	5.519	138.40	140.18	.135	.143	3.43	3.63	1.233	0.559
M83461/1-255	5.574	5.644	141.58	143.36	.135	.143	3.43	3.63	1.260	0.572
M83461/1-256	5.699	5.769	144.75	146.53	.135	.143	3.43	3.63	1.288	0.584
M83461/1-257	5.824	5.894	147.93	149.71	.135	.143	3.43	3.63	1.315	0.596
M83461/1-258	5.949	6.019	151.10	152.88	.135	.143	3.43	3.63	1.343	0.609
M83461/1-259	6.194	6.274	157.33	159.36	.135	.143	3.43	3.63	1.397	0.634
M83461/1-260	6.444	6.524	163.68	165.71	.135	.143	3.43	3.63	1.452	0.659
M83461/1-261	6.694	6.774	170.03	172.06	.135	.143	3.43	3.63	1.507	0.684
M83461/1-262	6.944	7.024	176.38	178.41	.135	.143	3.43	3.63	1.562	0.708
M83461/1-263	7.189	7.279	182.60	184.89	.135	.143	3.43	3.63	1.617	0.733
M83461/1-264	7.439	7.529	188.95	191.24	.135	.143	3.43	3.63	1.672	0.758
M83461/1-265	7.689	7.779	195.30	197.59	.135	.143	3.43	3.63	1.726	0.783
M83461/1-266	7.939	8.029	201.65	203.94	.135	.143	3.43	3.63	1.781	0.808
M83461/1-267	8.184	8.284	207.87	210.41	.135	.143	3.43	3.63	1.836	0.833
M83461/1-268	8.434	8.534	214.22	216.76	.135	.143	3.43	3.63	1.891	0.858
M83461/1-269	8.684	8.784	220.57	223.11	.135	.143	3.43	3.63	1.946	0.883
M83461/1-270	8.934	9.034	226.92	229.46	.135	.143	3.43	3.63	2.000	0.907
M83461/1-271	9.179	9.289	233.15	235.94	.135	.143	3.43	3.63	2.055	0.932
M83461/1-272	9.429	9.539	239.50	242.29	.135	.143	3.43	3.63	2.110	0.957
M83461/1-273	9.679	9.789	245.85	248.64	.135	.143	3.43	3.63	2.165	0.982
M83461/1-274	9.929	10.039	252.20	254.99	.135	.143	3.43	3.63	2.220	1.007
M83461/1-275	10.429	10.539	264.90	267.69	.135	.143	3.43	3.63	2.329	1.056
M83461/1-276	10.919	11.049	277.34	280.64	.135	.143	3.43	3.63	2.439	1.106
M83461/1-277	11.419	11.549	290.04	293.34	.135	.143	3.43	3.63	2.549	1.156
M83461/1-278	11.919	12.049	302.74	306.04	.135	.143	3.43	3.63	2.658	1.206
M83461/1-279	12.919	13.049	328.14	331.44	.135	.143	3.43	3.63	2.878	1.305
M83461/1-280	13.919	14.049	353.54	356.84	.135	.143	3.43	3.63	3.097	1.405
M83461/1-281	14.919	15.049	378.94	382.24	.135	.143	3.43	3.63	3.317	1.505
M83461/1-282	15.880	16.030	403.35	407.16	.135	.143	3.43	3.63	3.531	1.602
M83461/1-283	16.875	17.035	428.63	432.69	.135	.143	3.43	3.63	3.751	1.701
M83461/1-284	17.870	18.040	453.90	458.22	.135	.143	3.43	3.63	3.968	1.800

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TABLE 4 - STATIC USE ONLY (CONTINUED)*

PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
M83461/1-350	4.570	4.630	116.08	117.60	.205	.215	5.21	5.46	2.412	1.094
M83461/1-351	4.695	4.755	119.25	120.78	.205	.215	5.21	5.46	2.474	1.122
M83461/1-352	4.820	4.880	122.43	123.95	.205	.215	5.21	5.46	2.537	1.151
M83461/1-353	4.938	5.012	125.43	127.30	.205	.215	5.21	5.46	2.600	1.179
M83461/1-354	5.063	5.137	128.60	130.46	.205	.215	5.21	5.46	2.662	1.207
M83461/1-355	5.188	5.262	131.78	133.65	.205	.215	5.21	5.46	2.725	1.236
M83461/1-356	5.313	5.387	134.95	136.83	.205	.215	5.21	5.46	2.788	1.265
M83461/1-357	5.438	5.512	138.13	140.00	.205	.215	5.21	5.46	2.851	1.293
M83461/1-358	5.563	5.637	141.30	143.18	.205	.215	5.21	5.46	2.913	1.321
M83461/1-359	5.688	5.762	144.48	146.35	.205	.215	5.21	5.46	2.976	1.350
M83461/1-360	5.813	5.887	147.65	149.53	.205	.215	5.21	5.46	3.038	1.378
M83461/1-361	5.938	6.012	150.83	152.70	.205	.215	5.21	5.46	3.101	1.407
M83461/1-362	6.185	6.265	157.10	159.13	.205	.215	5.21	5.46	3.226	1.463
M83461/1-363	6.435	6.515	163.45	165.48	.205	.215	5.21	5.46	3.352	1.520
M83461/1-364	6.685	6.765	169.80	171.83	.205	.215	5.21	5.46	3.477	1.577
M83461/1-365	6.935	7.015	176.15	178.18	.205	.215	5.21	5.46	3.603	1.634
M83461/1-366	7.180	7.270	182.37	184.66	.205	.215	5.21	5.46	3.728	1.691
M83461/1-367	7.430	7.520	188.72	191.01	.205	.215	5.21	5.46	3.854	1.748
M83461/1-368	7.680	7.770	195.07	197.36	.205	.215	5.21	5.46	3.979	1.805
M83461/1-369	7.930	8.020	201.42	203.71	.205	.215	5.21	5.46	4.104	1.862
M83461/1-370	8.175	8.275	207.65	210.19	.205	.215	5.21	5.46	4.229	1.918
M83461/1-371	8.425	8.525	214.00	216.54	.205	.215	5.21	5.46	4.355	1.975
M83461/1-372	8.675	8.775	220.35	222.89	.205	.215	5.21	5.46	4.480	2.032
M83461/1-373	8.925	9.025	226.70	229.24	.205	.215	5.21	5.46	4.605	2.089
M83461/1-374	9.170	9.280	232.92	235.71	.205	.215	5.21	5.46	4.731	2.146
M83461/1-375	9.420	9.530	239.27	242.06	.205	.215	5.21	5.46	4.856	2.203
M83461/1-376	9.670	9.780	245.62	248.41	.205	.215	5.21	5.46	4.981	2.259
M83461/1-377	9.920	10.030	251.97	254.76	.205	.215	5.21	5.46	5.107	2.317
M83461/1-378	10.415	10.535	264.54	267.59	.205	.215	5.21	5.46	5.358	2.430
M83461/1-379	10.915	11.035	277.24	280.29	.205	.215	5.21	5.46	5.608	2.544
M83461/1-380	11.410	11.540	289.81	293.12	.205	.215	5.21	5.46	5.859	2.658
M83461/1-381	11.910	12.040	302.51	305.82	.205	.215	5.21	5.46	6.110	2.771
M83461/1-382	12.910	13.040	327.91	331.22	.205	.215	5.21	5.46	6.611	2.999
M83461/1-383	13.905	14.045	353.19	356.74	.205	.215	5.21	5.46	7.113	3.226
M83461/1-384	14.905	15.045	378.59	382.14	.205	.215	5.21	5.46	7.614	3.454
M83461/1-385	15.880	16.030	403.35	407.16	.205	.215	5.21	5.46	8.105	3.676
M83461/1-386	16.875	17.035	428.63	432.69	.205	.215	5.21	5.46	8.607	3.904
M83461/1-387	17.870	18.040	453.90	458.22	.205	.215	5.21	5.46	9.108	4.131
M83461/1-388	18.865	19.045	479.17	483.74	.205	.215	5.21	5.46	9.609	4.359
M83461/1-389	19.860	20.050	504.44	509.27	.205	.215	5.21	5.46	10.111	4.586
M83461/1-390	20.860	21.050	529.84	534.67	.205	.215	5.21	5.46	10.612	4.814
M83461/1-391	21.855	22.055	555.12	560.20	.205	.215	5.21	5.46	11.114	5.041
M83461/1-392	22.835	23.045	580.01	585.34	.205	.215	5.21	5.46	11.680	5.265
M83461/1-393	23.830	24.050	605.26	610.87	.205	.215	5.21	5.46	12.109	5.493
M83461/1-394	24.825	25.055	630.56	636.40	.205	.215	5.21	5.46	12.610	5.720
M83461/1-395	25.820	26.060	655.83	661.92	.205	.215	5.21	5.46	13.112	5.948

* THESE O-RING SIZES ARE NOT SUPPORTED BY AS4716 AND ARE INTENDED FOR NONSTANDARD APPLICATIONS.