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SAE AS29513

FEDERAL SUPPLY CLASS
5331

RATIONALE

THIS STANDARD REPLACES MS29513 AND ADDS VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS AND PACKAGING AND LABELING REQUIREMENTS FOR PROCUREMENT OF O-RINGS MOLDED FROM AMS-P-5315 NBR RUBBER. THE MS29513 PART NUMBERS HAVE BEEN RETAINED.

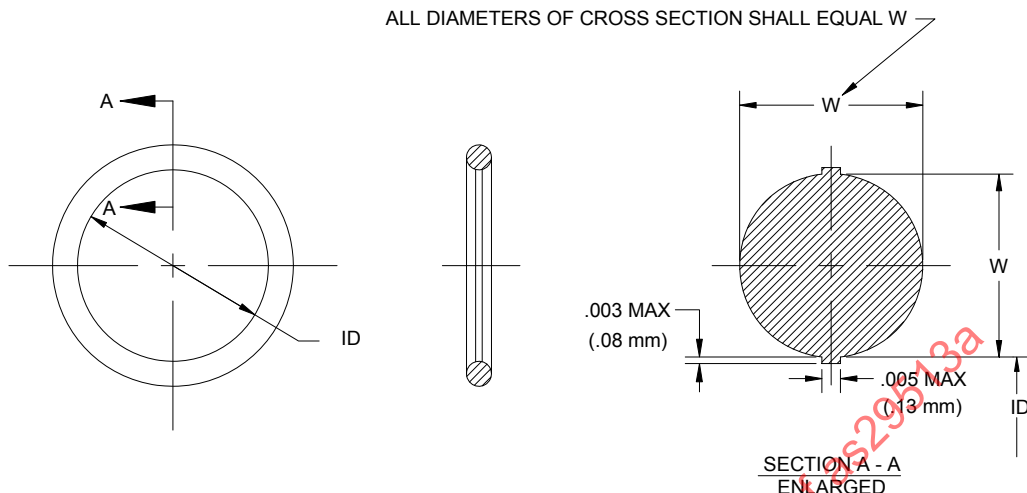


FIGURE 1 - O-RING

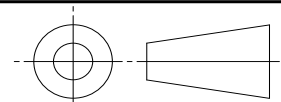
TABLE 1 - PART NUMBERS AND DIMENSIONS

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
MS29513-001	0.025	0.033	0.635	0.838	0.037	0.043	0.940	1.092	.001	.0004
MS29513-002	0.038	0.046	0.965	1.168	0.047	0.053	1.194	1.346	.003	.0014
MS29513-003	0.052	0.060	1.321	1.524	0.057	0.063	1.448	1.600	.005	.0023
MS29513-004	0.065	0.075	1.65	1.90	0.067	0.073	1.702	1.854	.008	.0036
MS29513-005	0.096	0.106	2.44	2.69	0.067	0.073	1.702	1.854	.010	.0045
MS29513-006	0.109	0.119	2.77	3.02	0.067	0.073	1.702	1.854	.010	.0045
MS29513-007	0.140	0.150	3.56	3.81	0.067	0.073	1.702	1.854	.012	.0054
MS29513-008	0.171	0.181	4.34	4.60	0.067	0.073	1.702	1.854	.014	.0064
MS29513-009	0.203	0.213	5.16	5.41	0.067	0.073	1.702	1.854	.016	.0073
MS29513-010	0.234	0.244	5.94	6.20	0.067	0.073	1.702	1.854	.017	.0077
MS29513-011	0.296	0.306	7.52	7.77	0.067	0.073	1.702	1.854	.021	.0095
MS29513-012	0.359	0.369	9.12	9.37	0.067	0.073	1.702	1.854	.024	.011
MS29513-013	0.421	0.431	10.69	10.95	0.067	0.073	1.702	1.854	.028	.013
MS29513-014	0.484	0.494	12.29	12.55	0.067	0.073	1.702	1.854	.031	.014
MS29513-015	0.546	0.556	13.87	14.12	0.067	0.073	1.702	1.854	.034	.015
MS29513-016	0.609	0.619	15.47	15.72	0.067	0.073	1.702	1.854	.038	.017
MS29513-017	0.671	0.681	17.04	17.30	0.067	0.073	1.702	1.854	.041	.019
MS29513-018	0.734	0.744	18.64	18.90	0.067	0.073	1.702	1.854	.045	.020
MS29513-019	0.795	0.807	20.19	20.50	0.067	0.073	1.702	1.854	.048	.022
MS29513-020	0.858	0.870	21.79	22.10	0.067	0.073	1.702	1.854	.052	.024
MS29513-021	0.920	0.932	23.37	23.67	0.067	0.073	1.702	1.854	.055	.025
MS29513-022	0.983	0.995	24.97	25.27	0.067	0.073	1.702	1.854	.059	.027
MS29513-023	1.045	1.057	26.54	26.85	0.067	0.073	1.702	1.854	.062	.028
MS29513-024	1.108	1.120	28.14	28.45	0.067	0.073	1.702	1.854	.066	.030
MS29513-025	1.170	1.182	29.72	30.02	0.067	0.073	1.702	1.854	.069	.031
MS29513-026	1.233	1.245	31.32	31.62	0.067	0.073	1.702	1.854	.073	.033
MS29513-027	1.295	1.307	32.89	33.20	0.067	0.073	1.702	1.854	.076	.034
MS29513-028	1.358	1.370	34.49	34.80	0.067	0.073	1.702	1.854	.080	.036

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THIRD ANGLE PROJECTION



CUSTODIAN: SAE A-6/A-6C2

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) PACKING, PREFORMED, HYDROCARBON FUEL RESISTANT, "O" RING

SAE AS29513
SHEET 1 OF 7

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TABLE 1 - PART NUMBERS AND DIMENSIONS (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
MS29513-029	1.479	1.499	37.57	38.07	0.067	0.073	1.702	1.854	.086	.039
MS29513-030	1.604	1.624	40.74	41.25	0.067	0.073	1.702	1.854	.094	.043
MS29513-031	1.729	1.749	43.92	44.42	0.067	0.073	1.702	1.854	.101	.046
MS29513-032	1.854	1.874	47.09	47.60	0.067	0.073	1.702	1.854	.108	.049
MS29513-033	1.979	1.999	50.27	50.77	0.067	0.073	1.702	1.854	.114	.052
MS29513-034	1.104	2.124	53.44	53.95	0.067	0.073	1.702	1.854	.121	.055
MS29513-035	1.229	2.249	56.62	57.12	0.067	0.073	1.702	1.854	.128	.058
MS29513-036	2.354	2.374	59.79	60.30	0.067	0.073	1.702	1.854	.135	.061
MS29513-037	2.479	2.499	62.97	63.47	0.067	0.073	1.702	1.854	.142	.064
MS29513-038	2.604	2.624	66.14	66.65	0.067	0.073	1.702	1.854	.149	.068
MS29513-039	2.724	2.754	69.19	69.95	0.067	0.073	1.702	1.854	.156	.071
MS29513-040	2.849	2.879	72.36	73.13	0.067	0.073	1.702	1.854	.163	.074
MS29513-041	2.974	3.004	75.54	76.30	0.067	0.073	1.702	1.854	.170	.077
MS29513-042	3.224	3.254	81.89	82.65	0.067	0.073	1.702	1.854	.184	.083
MS29513-043	3.474	3.504	88.24	89.00	0.067	0.073	1.702	1.854	.198	.090
MS29513-044	3.724	3.754	94.59	95.35	0.067	0.073	1.702	1.854	.212	.096
MS29513-045	3.974	4.004	100.94	101.70	0.067	0.073	1.702	1.854	.226	.102
MS29513-046	4.224	4.254	107.29	108.05	0.067	0.073	1.702	1.854	.240	.109
MS29513-047	4.474	4.504	113.64	114.40	0.067	0.073	1.702	1.854	.254	.115
MS29513-048	4.724	4.754	119.99	120.75	0.067	0.073	1.702	1.854	.267	.121
MS29513-049	4.966	5.012	126.14	127.30	0.067	0.073	1.702	1.854	.281	.127
MS29513-050	5.216	5.262	132.49	133.65	0.067	0.073	1.702	1.854	.295	.134
MS29513-110	0.357	0.367	9.07	9.32	0.100	0.106	2.540	2.692	.056	.025
MS29513-111	0.419	0.429	10.64	10.90	0.100	0.106	2.540	2.692	.063	.029
MS29513-112	0.482	0.492	12.24	12.50	0.100	0.106	2.540	2.692	.071	.032
MS29513-113	0.544	0.554	13.82	14.07	0.100	0.106	2.540	2.692	.079	.036
MS29513-114	0.607	0.617	15.42	15.67	0.100	0.106	2.540	2.692	.086	.039
MS29513-115	0.669	0.679	16.99	17.25	0.100	0.106	2.540	2.692	.093	.042
MS29513-116	0.732	0.742	18.59	18.85	0.100	0.106	2.540	2.692	.101	.046
MS29513-117	0.793	0.805	20.14	20.45	0.100	0.106	2.540	2.692	.108	.049
MS29513-118	0.856	0.868	21.74	22.05	0.100	0.106	2.540	2.692	.116	.053
MS29513-119	0.918	0.930	23.32	23.62	0.100	0.106	2.540	2.692	.124	.056
MS29513-120	0.981	0.993	24.92	25.22	0.100	0.106	2.540	2.692	.131	.059
MS29513-121	1.043	1.055	26.49	26.80	0.100	0.106	2.540	2.692	.139	.063
MS29513-122	1.106	1.118	28.09	28.40	0.100	0.106	2.540	2.692	.146	.066
MS29513-123	1.168	1.180	29.67	29.97	0.100	0.106	2.540	2.692	.154	.070
MS29513-124	1.231	1.243	31.27	31.57	0.100	0.106	2.540	2.692	.161	.073
MS29513-125	1.293	1.305	32.84	33.15	0.100	0.106	2.540	2.692	.169	.077
MS29513-126	1.356	1.368	34.44	34.75	0.100	0.106	2.540	2.692	.176	.080
MS29513-127	1.418	1.430	36.02	36.32	0.100	0.106	2.540	2.692	.184	.083
MS29513-128	1.481	1.493	37.62	37.92	0.100	0.106	2.540	2.692	.191	.087
MS29513-129	1.539	1.559	39.09	39.60	0.100	0.106	2.540	2.692	.199	.090
MS29513-130	1.602	1.622	40.69	41.20	0.100	0.106	2.540	2.692	.207	.094
MS29513-131	1.664	1.684	42.27	42.77	0.100	0.106	2.540	2.692	.214	.097
MS29513-132	1.727	1.747	43.87	44.37	0.100	0.106	2.540	2.692	.222	.101
MS29513-133	1.789	1.809	45.44	45.95	0.100	0.106	2.540	2.692	.230	.104
MS29513-134	1.852	1.872	47.04	47.55	0.100	0.106	2.540	2.692	.236	.107
MS29513-135	1.915	1.935	48.64	49.15	0.100	0.106	2.540	2.692	.244	.111
MS29513-136	1.977	1.997	50.22	50.72	0.100	0.106	2.540	2.692	.252	.114
MS29513-137	2.040	2.060	51.82	52.32	0.100	0.106	2.540	2.692	.259	.117
MS29513-138	2.102	2.122	53.39	53.90	0.100	0.106	2.540	2.692	.267	.121
MS29513-139	2.165	2.185	54.99	55.50	0.100	0.106	2.540	2.692	.274	.124
MS29513-140	2.227	2.247	56.57	57.07	0.100	0.106	2.540	2.692	.282	.128
MS29513-141	2.290	2.310	58.17	58.67	0.100	0.106	2.540	2.692	.289	.131
MS29513-142	2.352	2.372	59.74	60.25	0.100	0.106	2.540	2.692	.297	.135
MS29513-143	2.415	2.435	61.34	61.85	0.100	0.106	2.540	2.692	.304	.138
MS29513-144	2.477	2.497	62.92	63.42	0.100	0.106	2.540	2.692	.312	.142
MS29513-145	2.540	2.560	64.52	65.02	0.100	0.106	2.540	2.692	.319	.145
MS29513-146	2.602	2.622	66.09	66.60	0.100	0.106	2.540	2.692	.327	.148
MS29513-147	2.660	2.690	67.56	68.33	0.100	0.106	2.540	2.692	.334	.152
MS29513-148	2.722	2.752	69.14	69.90	0.100	0.106	2.540	2.692	.342	.155
MS29513-149	2.785	2.815	70.74	71.50	0.100	0.106	2.540	2.692	.350	.159

TABLE 1 - PART NUMBERS AND DIMENSIONS (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
MS29513-150	2.847	2.877	72.31	73.08	0.100	0.106	2.540	2.692	.357	.162
MS29513-151	2.972	3.002	75.49	76.25	0.100	0.106	2.540	2.692	.372	.169
MS29513-152	3.222	3.252	81.84	82.60	0.100	0.106	2.540	2.692	.402	.181
MS29513-153	3.472	3.502	88.19	88.95	0.100	0.106	2.540	2.692	.462	.210
MS29513-154	3.722	3.752	94.54	95.30	0.100	0.106	2.540	2.692	.462	.210
MS29513-155	3.972	4.002	100.89	101.65	0.100	0.106	2.540	2.692	.493	.224
MS29513-156	4.222	4.252	107.24	108.00	0.100	0.106	2.540	2.692	.523	.237
MS29513-157	4.472	4.502	113.59	114.35	0.100	0.106	2.540	2.692	.553	.251
MS29513-158	4.722	4.752	119.94	120.70	0.100	0.106	2.540	2.692	.583	.264
MS29513-159	4.972	5.002	126.29	127.05	0.100	0.106	2.540	2.692	.613	.278
MS29513-160	5.214	5.260	132.44	133.60	0.100	0.106	2.540	2.692	.643	.292
MS29513-161	5.464	5.510	138.79	139.95	0.100	0.106	2.540	2.692	.673	.305
MS29513-162	5.714	5.760	145.14	146.30	0.100	0.106	2.540	2.692	.703	.319
MS29513-163	5.964	6.010	151.49	152.65	0.100	0.106	2.540	2.692	.733	.332
MS29513-164	6.214	6.260	157.84	159.00	0.100	0.106	2.540	2.692	.763	.346
MS29513-165	6.464	6.510	164.19	165.35	0.100	0.106	2.540	2.692	.793	.360
MS29513-166	6.714	6.760	170.54	171.70	0.100	0.106	2.540	2.692	.823	.373
MS29513-167	6.964	7.010	176.89	178.05	0.100	0.106	2.540	2.692	.853	.387
MS29513-168	7.207	7.267	183.06	184.58	0.100	0.106	2.540	2.692	.883	.401
MS29513-169	7.457	7.517	189.41	190.93	0.100	0.106	2.540	2.692	.913	.414
MS29513-170	7.707	7.767	195.76	197.28	0.100	0.106	2.540	2.692	.943	.428
MS29513-171	7.957	8.017	202.11	203.63	0.100	0.106	2.540	2.692	.973	.441
MS29513-172	8.207	8.267	208.46	209.98	0.100	0.106	2.540	2.692	1.003	.455
MS29513-173	8.457	8.517	214.81	216.33	0.100	0.106	2.540	2.692	1.033	.469
MS29513-174	8.707	8.767	221.16	222.68	0.100	0.106	2.540	2.692	1.064	.483
MS29513-175	8.957	9.017	227.51	229.03	0.100	0.106	2.540	2.692	1.094	.496
MS29513-176	9.207	9.267	233.86	235.38	0.100	0.106	2.540	2.692	1.124	.510
MS29513-177	9.457	9.517	240.21	241.73	0.100	0.106	2.540	2.692	1.154	.523
MS29513-178	9.707	9.767	246.56	248.08	0.100	0.106	2.540	2.692	1.184	.537
MS29513-210	0.728	0.740	18.49	18.80	0.135	0.143	3.429	3.632	.191	.087
MS29513-211	0.790	0.802	20.07	20.37	0.135	0.143	3.429	3.632	.205	.093
MS29513-212	0.853	0.865	21.67	21.97	0.135	0.143	3.429	3.632	.219	.099
MS29513-213	0.915	0.927	23.24	23.55	0.135	0.143	3.429	3.632	.232	.105
MS29513-214	0.978	0.990	24.84	25.15	0.135	0.143	3.429	3.632	.246	.112
MS29513-215	1.040	1.052	26.42	26.72	0.135	0.143	3.429	3.632	.260	.118
MS29513-216	1.103	1.115	28.02	28.32	0.135	0.143	3.429	3.632	.274	.124
MS29513-217	1.165	1.177	29.59	29.90	0.135	0.143	3.429	3.632	.287	.130
MS29513-218	1.228	1.240	31.19	31.50	0.135	0.143	3.429	3.632	.302	.137
MS29513-219	1.290	1.302	32.77	33.07	0.135	0.143	3.429	3.632	.315	.143
MS29513-220	1.353	1.365	34.37	34.67	0.135	0.143	3.429	3.632	.328	.149
MS29513-221	1.415	1.427	35.94	36.25	0.135	0.143	3.429	3.632	.342	.155
MS29513-222	1.478	1.490	37.54	37.85	0.135	0.143	3.429	3.632	.356	.161
MS29513-223	1.599	1.619	40.61	41.12	0.135	0.143	3.429	3.632	.383	.174
MS29513-224	1.724	1.744	43.79	44.30	0.135	0.143	3.429	3.632	.411	.186
MS29513-225	1.849	1.869	46.96	47.47	0.135	0.143	3.429	3.632	.438	.199
MS29513-226	1.974	1.994	50.14	50.65	0.135	0.143	3.429	3.632	.466	.211
MS29513-227	2.099	2.119	53.31	53.82	0.135	0.143	3.429	3.632	.493	.224
MS29513-228	2.224	2.244	56.49	57.00	0.135	0.143	3.429	3.632	.529	.240
MS29513-229	2.349	2.369	59.66	60.17	0.135	0.143	3.429	3.632	.548	.249
MS29513-230	2.474	2.494	62.84	63.35	0.135	0.143	3.429	3.632	.575	.261
MS29513-231	2.699	2.619	66.01	66.52	0.135	0.143	3.429	3.632	.603	.274
MS29513-232	2.719	2.749	69.06	69.82	0.135	0.143	3.429	3.632	.630	.286
MS29513-233	2.844	2.874	72.24	73.00	0.135	0.143	3.429	3.632	.657	.298
MS29513-234	2.969	2.999	75.41	76.17	0.135	0.143	3.429	3.632	.685	.311
MS29513-235	3.094	3.124	78.59	79.35	0.135	0.143	3.429	3.632	.712	.323
MS29513-236	3.219	3.249	81.76	82.52	0.135	0.143	3.429	3.632	.740	.336
MS29513-237	3.344	3.374	84.94	85.70	0.135	0.143	3.429	3.632	.767	.348
MS29513-238	3.469	3.499	88.11	88.87	0.135	0.143	3.429	3.632	.794	.360
MS29513-239	3.594	3.624	91.29	92.05	0.135	0.143	3.429	3.632	.822	.373
MS29513-240	3.719	3.749	94.46	95.22	0.135	0.143	3.429	3.632	.849	.385
MS29513-241	3.844	3.874	97.64	98.40	0.135	0.143	3.429	3.632	.877	.398
MS29513-242	3.969	3.999	100.81	101.57	0.135	0.143	3.429	3.632	.904	.410
MS29513-243	4.094	4.124	103.99	104.75	0.135	0.143	3.429	3.632	.932	.423
MS29513-244	4.219	4.249	107.16	107.92	0.135	0.143	3.429	3.632	.959	.435
MS29513-245	4.344	4.374	110.34	111.10	0.135	0.143	3.429	3.632	.986	.447
MS29513-246	4.469	4.499	113.51	114.27	0.135	0.143	3.429	3.632	1.014	.460
MS29513-247	4.594	4.624	116.69	117.45	0.135	0.143	3.429	3.632	1.041	.472

TABLE 1 - PART NUMBERS AND DIMENSIONS (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
MS29513-248	4.719	4.479	119.86	120.62	0.135	0.143	3.429	3.632	1.068	.484
MS29513-249	4.844	4.874	123.04	123.80	0.135	0.143	3.429	3.632	1.096	.497
MS29513-250	4.969	4.999	126.21	126.97	0.135	0.143	3.429	3.632	1.123	.509
MS29513-251	5.086	5.132	129.18	130.35	0.135	0.143	3.429	3.632	1.151	.522
MS29513-252	5.211	5.257	132.36	133.53	0.135	0.143	3.429	3.632	1.178	.534
MS29513-253	5.336	5.382	135.53	136.70	0.135	0.143	3.429	3.632	1.206	.547
MS29513-254	5.461	5.507	138.71	139.88	0.135	0.143	3.429	3.632	1.233	.559
MS29513-255	5.586	5.632	141.88	143.05	0.135	0.143	3.429	3.632	1.260	.572
MS29513-256	5.711	5.757	145.06	146.23	0.135	0.143	3.429	3.632	1.288	.584
MS29513-257	5.836	5.882	148.23	149.40	0.135	0.143	3.429	3.632	1.315	.596
MS29513-258	5.961	6.007	151.41	152.58	0.135	0.143	3.429	3.632	1.343	.609
MS29513-259	6.211	6.257	157.76	158.93	0.135	0.143	3.429	3.632	1.397	.634
MS29513-260	6.461	6.507	164.11	165.28	0.135	0.143	3.429	3.632	1.452	.659
MS29513-261	6.711	6.757	170.46	171.63	0.135	0.143	3.429	3.632	1.507	.684
MS29513-262	6.961	7.007	176.81	177.98	0.135	0.143	3.429	3.632	1.562	.708
MS29513-263	7.204	7.264	182.98	184.51	0.135	0.143	3.429	3.632	1.617	.733
MS29513-264	7.454	7.514	189.33	190.86	0.135	0.143	3.429	3.632	1.672	.758
MS29513-265	7.704	7.764	195.68	197.21	0.135	0.143	3.429	3.632	1.726	.783
MS29513-266	7.954	8.014	202.03	203.56	0.135	0.143	3.429	3.632	1.781	.808
MS29513-267	8.204	8.264	208.38	209.91	0.135	0.143	3.429	3.632	1.836	.833
MS29513-268	8.454	8.514	214.73	216.26	0.135	0.143	3.429	3.632	1.891	.858
MS29513-269	8.704	8.764	221.08	222.61	0.135	0.143	3.429	3.632	1.946	.983
MS29513-270	8.954	9.014	227.43	228.96	0.135	0.143	3.429	3.632	2.000	.907
MS29513-271	9.204	9.264	233.78	235.31	0.135	0.143	3.429	3.632	2.055	.932
MS29513-272	9.454	9.514	240.13	241.66	0.135	0.143	3.429	3.632	2.110	.957
MS29513-273	9.704	9.764	246.48	248.01	0.135	0.143	3.429	3.632	2.165	.982
MS29513-274	9.954	10.014	252.83	254.36	0.135	0.143	3.429	3.632	2.220	1.007
MS29513-275	10.454	10.514	265.53	267.06	0.135	0.143	3.429	3.632	2.329	1.056
MS29513-276	10.954	11.014	278.23	279.76	0.135	0.143	3.429	3.632	2.439	1.106
MS29513-277	11.454	11.514	290.93	292.46	0.135	0.143	3.429	3.632	2.549	1.156
MS29513-278	11.954	12.014	303.63	305.16	0.135	0.143	3.429	3.632	2.658	1.206
MS29513-279	12.954	13.014	329.03	330.56	0.135	0.143	3.429	3.632	2.878	1.305
MS29513-280	13.954	14.014	354.43	355.96	0.135	0.143	3.429	3.632	3.097	1.405
MS29513-281	14.954	15.014	379.83	381.36	0.135	0.143	3.429	3.632	3.317	1.505
MS29513-282	15.910	16.000	404.11	406.40	0.135	0.143	3.429	3.632	3.531	1.602
MS29513-283	16.910	17.000	429.51	431.80	0.135	0.143	3.429	3.632	3.751	1.701
MS29513-284	17.910	18.000	454.91	457.20	0.135	0.143	3.429	3.632	3.968	1.800
MS29513-325	1.465	1.485	37.21	37.72	0.205	0.215	5.21	5.46	.843	.382
MS29513-326	1.590	1.610	40.39	40.89	0.205	0.215	5.21	5.46	.906	.411
MS29513-327	1.715	1.735	43.66	44.07	0.205	0.215	5.21	5.46	.969	.440
MS29513-328	1.840	1.860	46.74	47.24	0.205	0.215	5.21	5.46	1.031	.468
MS29513-329	1.965	1.985	49.91	50.42	0.205	0.215	5.21	5.46	1.094	.496
MS29513-330	2.090	2.110	53.09	53.59	0.205	0.215	5.21	5.46	1.156	.524
MS29513-331	2.215	2.235	56.26	56.77	0.205	0.215	5.21	5.46	1.219	.553
MS29513-332	2.340	2.360	59.44	59.94	0.205	0.215	5.21	5.46	1.282	.582
MS29513-333	2.465	2.485	62.61	63.12	0.205	0.215	5.21	5.46	1.344	.610
MS29513-334	2.590	2.610	65.79	66.29	0.205	0.215	5.21	5.46	1.407	.638
MS29513-335	2.710	2.740	68.83	69.60	0.205	0.215	5.21	5.46	1.469	.666
MS29513-336	2.835	2.865	72.01	72.77	0.205	0.215	5.21	5.46	1.532	.695
MS29513-337	2.960	2.990	75.18	75.95	0.205	0.215	5.21	5.46	1.594	.723
MS29513-338	3.085	3.115	78.36	79.12	0.205	0.215	5.21	5.46	1.657	.752
MS29513-339	3.210	3.240	81.53	82.30	0.205	0.215	5.21	5.46	1.719	.780
MS29513-340	3.335	3.365	84.71	85.47	0.205	0.215	5.21	5.46	1.782	.808
MS29513-341	3.460	3.490	87.88	88.65	0.205	0.215	5.21	5.46	1.845	.837
MS29513-342	3.585	3.615	91.06	91.82	0.205	0.215	5.21	5.46	1.907	.865
MS29513-343	3.710	3.740	94.23	95.00	0.205	0.215	5.21	5.46	1.970	.894
MS29513-344	3.835	3.865	97.41	98.17	0.205	0.215	5.21	5.46	2.032	.922
MS29513-345	3.960	3.990	100.58	101.35	0.205	0.215	5.21	5.46	2.095	.950
MS29513-346	4.085	4.115	103.76	104.52	0.205	0.215	5.21	5.46	2.157	.978
MS29513-347	4.210	4.240	106.93	107.70	0.205	0.215	5.21	5.46	2.220	1.007
MS29513-348	4.335	4.365	110.11	110.87	0.205	0.215	5.21	5.46	2.282	1.035
MS29513-349	4.460	4.490	113.28	114.05	0.205	0.215	5.21	5.46	2.345	1.064

TABLE 1 - PART NUMBERS AND DIMENSIONS (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
MS29513-350	4.585	4.615	116.46	117.22	0.205	0.215	5.21	5.46	2.412	1.094
MS29513-351	4.710	4.740	119.63	120.40	0.205	0.215	5.21	5.46	2.474	1.122
MS29513-352	4.835	4.865	122.81	123.57	0.205	0.215	5.21	5.46	2.537	1.151
MS29513-353	4.960	4.990	125.98	126.75	0.205	0.215	5.21	5.46	2.600	1.179
MS29513-354	5.077	5.123	128.96	130.12	0.205	0.215	5.21	5.46	2.662	1.207
MS29513-355	5.202	5.248	132.13	133.30	0.205	0.215	5.21	5.46	2.725	1.236
MS29513-356	5.327	5.373	135.31	136.47	0.205	0.215	5.21	5.46	2.788	1.265
MS29513-357	5.452	5.498	138.48	139.65	0.205	0.215	5.21	5.46	2.851	1.293
MS29513-358	5.577	5.623	141.66	142.82	0.205	0.215	5.21	5.46	2.913	1.321
MS29513-359	5.702	5.748	144.83	146.00	0.205	0.215	5.21	5.46	2.976	1.350
MS29513-360	5.827	5.873	148.01	149.17	0.205	0.215	5.21	5.46	3.038	1.378
MS29513-361	5.952	5.998	151.18	152.35	0.205	0.215	5.21	5.46	3.101	1.407
MS29513-362	6.202	6.248	157.53	158.70	0.205	0.215	5.21	5.46	3.226	1.463
MS29513-363	6.452	6.498	163.88	165.05	0.205	0.215	5.21	5.46	3.352	1.520
MS29513-364	6.702	6.748	170.23	171.40	0.205	0.215	5.21	5.46	3.477	1.577
MS29513-365	6.952	6.998	176.58	177.75	0.205	0.215	5.21	5.46	3.603	1.634
MS29513-366	7.195	7.255	182.75	184.28	0.205	0.215	5.21	5.46	3.728	1.691
MS29513-367	7.445	7.505	189.10	190.63	0.205	0.215	5.21	5.46	3.854	1.748
MS29513-368	7.695	7.755	195.45	196.98	0.205	0.215	5.21	5.46	3.979	1.805
MS29513-369	7.945	8.005	201.80	203.33	0.205	0.215	5.21	5.46	4.104	1.862
MS29513-370	8.195	8.255	208.15	209.68	0.205	0.215	5.21	5.46	4.229	1.918
MS29513-371	8.445	8.505	214.50	216.03	0.205	0.215	5.21	5.46	4.355	1.975
MS29513-372	8.695	8.755	220.85	222.38	0.205	0.215	5.21	5.46	4.480	2.032
MS29513-373	8.945	9.005	227.20	228.73	0.205	0.215	5.21	5.46	4.605	2.089
MS29513-374	9.195	9.255	233.55	235.08	0.205	0.215	5.21	5.46	4.731	2.146
MS29513-375	9.445	9.505	239.90	241.43	0.205	0.215	5.21	5.46	4.856	2.203
MS29513-376	9.695	9.755	246.25	247.78	0.205	0.215	5.21	5.46	4.981	2.259
MS29513-377	9.945	10.005	252.60	254.13	0.205	0.215	5.21	5.46	5.107	2.317
MS29513-378	10.445	10.505	265.30	266.83	0.205	0.215	5.21	5.46	5.358	2.430
MS29513-379	10.945	11.005	278.00	279.53	0.205	0.215	5.21	5.46	5.608	2.544
MS29513-380	11.445	11.505	290.70	292.23	0.205	0.215	5.21	5.46	5.859	2.658
MS29513-381	11.945	12.005	303.40	304.93	0.205	0.215	5.21	5.46	6.110	2.771
MS29513-382	12.945	13.005	328.80	330.33	0.205	0.215	5.21	5.46	6.611	2.998
MS29513-383	13.945	14.005	354.20	355.73	0.205	0.215	5.21	5.46	7.113	3.226
MS29513-384	14.945	15.005	379.60	381.13	0.205	0.215	5.21	5.46	7.614	3.454
MS29513-385	15.910	16.000	404.11	406.40	0.205	0.215	5.21	5.46	8.105	3.676
MS29513-386	16.910	17.000	429.51	431.80	0.205	0.215	5.21	5.46	8.607	3.904
MS29513-387	17.910	18.000	454.91	457.20	0.205	0.215	5.21	5.46	9.108	4.131
MS29513-388	18.910	19.000	480.31	482.60	0.205	0.215	5.21	5.46	9.609	4.359
MS29513-389	19.910	20.000	505.71	508.00	0.205	0.215	5.21	5.46	10.111	4.586
MS29513-390	20.910	21.000	531.11	533.40	0.205	0.215	5.21	5.46	10.612	4.814
MS29513-391	21.910	22.000	556.51	558.80	0.205	0.215	5.21	5.46	11.114	5.041
MS29513-392	22.880	23.000	581.15	584.20	0.205	0.215	5.21	5.46	11.608	5.265
MS29513-393	23.880	24.000	606.55	609.60	0.205	0.215	5.21	5.46	12.109	5.493
MS29513-394	24.880	25.000	632.95	635.00	0.205	0.215	5.21	5.46	12.610	5.720
MS29513-395	25.880	26.000	657.35	660.40	0.205	0.215	5.21	5.46	13.112	5.948
MS29513-425	4.460	4.490	113.28	114.05	0.269	0.281	6.83	7.14	4.077	1.849
MS29513-426	4.585	4.615	116.46	117.22	0.269	0.281	6.83	7.14	4.185	1.898
MS29513-427	4.710	4.740	119.63	120.40	0.269	0.281	6.83	7.14	4.292	1.947
MS29513-428	4.835	4.865	122.81	123.57	0.269	0.281	6.83	7.14	4.399	1.995
MS29513-429	4.960	4.990	125.98	126.75	0.269	0.281	6.83	7.14	4.506	2.044
MS29513-430	5.077	5.123	128.96	130.12	0.269	0.281	6.83	7.14	4.614	2.093
MS29513-431	5.202	5.248	132.13	133.30	0.269	0.281	6.83	7.14	4.721	2.141
MS29513-432	5.237	5.373	135.31	136.47	0.269	0.281	6.83	7.14	4.828	2.190
MS29513-433	5.452	5.498	138.48	139.65	0.269	0.281	6.83	7.14	4.935	2.239
MS29513-434	5.577	5.623	141.66	142.82	0.269	0.281	6.83	7.14	5.042	2.287
MS29513-435	5.702	5.748	144.83	146.00	0.269	0.281	6.83	7.14	5.150	2.336
MS29513-436	5.827	5.873	148.01	149.17	0.269	0.281	6.83	7.14	5.257	2.385
MS29513-437	5.952	5.998	151.18	152.35	0.269	0.281	6.83	7.14	5.364	2.433
MS29513-438	6.202	6.248	157.53	158.70	0.269	0.281	6.83	7.14	5.579	2.531
MS29513-439	6.452	6.498	163.88	165.05	0.269	0.281	6.83	7.14	5.794	2.628
MS29513-440	6.702	6.748	170.23	171.40	0.269	0.281	6.83	7.14	6.008	2.725