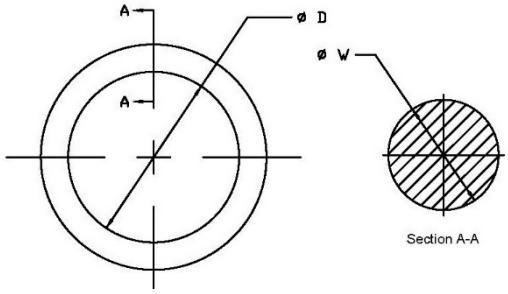
FEDERAL SUPPLY CLASS
5331

RATIONALE

THIS STANDARD HAS BEEN REVISED TO INCORPORATE MINOR TECHNICAL CHANGES.

FOREWORD

THIS STANDARD ESTABLISHES THE DIMENSIONAL AND VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS AND PACKAGING AND LABELING REQUIREMENTS FOR O-RINGS MOLDED FROM AMS7259 RUBBER. IT SHALL BE USED FOR PROCUREMENT PURPOSES.

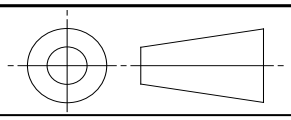


NOTE: DIMENSIONS AND TOLERANCING PER ASME Y14.5

FIGURE 1 – O-RING DIMENSIONS: WIDTH (ØW) AND INSIDE DIAMETER (ØD)

For more information on this standard, visit
https://www.sae.org/standards/content/AS83248/2A

THIRD ANGLE PROJECTION



ISSUED 2014-12 REVISED 2016-10 REAFFIRMED 2021-11

CUSTODIAN: A-6/A-6C2

PROCUREMENT SPECIFICATION: NONE

SAE INTERNATIONAL

AEROSPACE STANDARD

O-RING MOLDED FROM AMS7259 MATERIAL

AS83248™/2
SHEET 1 OF 12

REV. A

TABLE 1 - PART NUMBERS AND DIMENSIONS

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-001	.025 / .033	0.635 / 0.838	.037 / .043	0.940 / 1.092	.0008	.0003
	M83248/2-002	.038 / .046	0.965 / 1.168	.047 / .053	1.194 / 1.346	.0017	.001
	M83248/2-003	.052 / .060	1.321 / 1.524	.057 / .063	1.448 / 1.600	.003	.002
	M83248/2-004	.065 / .075	1.651 / 1.905	.067 / .073	1.702 / 1.854	.006	.003
	M83248/2-005	.096 / .106	2.438 / 2.692	.067 / .073	1.702 / 1.854	.008	.004
	M83248/2-006	.109 / .119	2.769 / 3.023	.067 / .073	1.702 / 1.854	.009	.004
	M83248/2-007	.140 / .150	3.556 / 3.810	.067 / .073	1.702 / 1.854	.012	.005
	M83248/2-008	.171 / .181	4.343 / 4.597	.067 / .073	1.702 / 1.854	.014	.006
	M83248/2-009	.203 / .213	5.156 / 5.410	.067 / .073	1.702 / 1.854	.017	.008
	M83248/2-010	.234 / .244	5.944 / 6.198	.067 / .073	1.702 / 1.854	.019	.009
	M83248/2-011	.296 / .306	7.518 / 7.772	.067 / .073	1.702 / 1.854	.024	.011
	M83248/2-012	.359 / .369	9.119 / 9.373	.067 / .073	1.702 / 1.854	.030	.013
	M83248/2-013	.421 / .431	10.69 3 / 0.947	.067 / .073	1.702 / 1.854	.035	.016
	M83248/2-014	.484 / .494	12.294 / 12.548	.067 / . 073	1.702 / 1.854	.040	.018
	M83248/2-015	.544 / .558	13.818 / 14.173	.067 / .073	1.702 / 1.854	.045	.020
	M83248/2-016	.605 / .623	15.367 / 15.824	.067 / .073	1.702 / 1.854	.050	0.023
	M83248/2-017	.667 / .685	16.942 / 17.399	.067 / .073	1.702 / 1.854	.055	0.025
	M83248/2-018	.730 / .748	18.542 / 18.999	.067 / .073	1.702 / 1.854	.060	0.027
	M83248/2-019	.792 / .810	20.117 / 20.574	.067 / .073	1.702 / 1.854	.065	0.030
	M83248/2-020	.855 / .873	21.717 / 22.174	.067 / .073	1.702 / 1.854	.070	0.032
	M83248/2-021	.917 / .935	23.292 / 23.749	.067 / .073	1.702 / 1.854	.075	0.034
	M83248/2-022	.979 / .999	24.867 / 25.375	.067 / .073	1.702 / 1.854	.080	0.036
(a)	M83248/2-023	1.041 / 1.061	26.441 / 26.949	.067 / .073	1.702 / 1.854	.085	0.039
	M83248/2-024	1.104 / 1.124	28.042 / 28.550	.067 / .073	1.702 / 1.854	.090	0.041
	M83248/2-025	1.165 / 1.187	29.591 / 30.150	.067 / .073	1.702 / 1.854	.095	0.043
	M83248/2-026	1.228 / 1.250	31.191 / 31.750	.067 / .073	1.702 / 1.854	.101	0.045
	M83248/2-027	1.290 / 1.312	32.766 / 33.325	.067 / .073	1.702 / 1.854	.106	0.048
	M83248/2-028	1.351 / 1.377	34.315 / 34.976	.067 / .073	1.702 / 1.854	.111	0.050
	M83248/2-029	1.476 / 1.502	37.490 / 38.151	.067 / .073	1.702 / 1.854	.121	0.055
	M83248/2-030	1.601 / 1.627	40.665 / 41.326	.067 / .073	1.702 / 1.854	.131	0.059
	M83248/2-031	1.724 / 1.754	43.790 / 44.552	.067 / .073	1.702 / 1.854	.141	0.064
	M83248/2-032	1.849 / 1.879	46.965 / 47.727	.067 / .073	1.702 / 1.854	.151	0.069
	M83248/2-033	1.971 / 2.007	50.063 / 50.978	.067 / .073	1.702 / 1.854	.161	0.073
	M83248/2-034	2.096 / 2.132	53.238 / 54.153	.067 / .073	1.702 / 1.854	.172	0.078
	M83248/2-035	2.221 / 2.257	56.413 / 57.328	.067 / .073	1.702 / 1.854	.182	0.083
(b)	M83248/2-036	2.346 / 2.382	59.588 / 60.503	.067 / .073	1.702 / 1.854	.192	0.087
	M83248/2-037	2.471 / 2.507	62.763 / 63.678	.067 / .073	1.702 / 1.854	.202	0.092
	M83248/2-038	2.594 / 2.634	65.888 / 66.904	.067 / .073	1.702 / 1.854	.212	0.096
	M83248/2-039	2.719 / 2.759	69.063 / 70.079	.067 / .073	1.702 / 1.854	.222	0.101
	M83248/2-040	2.844 / 2.884	72.238 / 73.254	.067 / .073	1.702 / 1.854	.232	0.106
	M83248/2-041	2.965 / 3.013	75.311 / 76.530	.067 / .073	1.702 / 1.854	.243	0.110
	M83248/2-042	3.215 / 3.263	81.661 / 82.880	.067 / .073	1.702 / 1.854	.263	0.119
	M83248/2-043	3.465 / 3.513	88.011 / 89.230	.067 / .073	1.702 / 1.854	.283	0.129
	M83248/2-044	3.712 / 3.766	94.285 / 95.656	.067 / .073	1.702 / 1.854	.303	0.138
	M83248/2-045	3.962 / 4.016	100.635 / 102.006	.067 / .073	1.702 / 1.854	.324	0.147
	M83248/2-046	4.209 / 4.269	106.909 / 108.433	.067 / .073	1.702 / 1.854	.344	0.156
	M83248/2-047	4.459 / 4.519	113.259 / 114.783	.067 / .073	1.702 / 1.854	.364	0.165
	M83248/2-048	4.709 / 4.769	119.609 / 121.133	.067 / .073	1.702 / 1.854	.385	0.175
	M83248/2-049	4.952 / 5.026	125.781 / 127.660	.067 / .073	1.702 / 1.854	.405	0.184
	M83248/2-050	5.202 / 5.276	132.131 / 134.010	.067 / .073	1.702 / 1.854	.425	0.193

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS KG/100
	M83248/2-102	.044 / .054	1.118 / 1.372	.100 / .106	2.540 / 2.692	.009	0.004
	M83248/2-103	.076 / .086	1.930 / 2.184	.100 / .106	2.540 / 2.692	.014	0.006
	M83248/2-104	.107 / .117	2.718 / 2.972	.100 / .106	2.540 / 2.692	.020	0.009
	M83248/2-105	.138 / .148	3.505 / 3.759	.100 / .106	2.540 / 2.692	.025	0.011
	M83248/2-106	.169 / .179	4.293 / 4.547	.100 / .106	2.540 / 2.692	.031	0.014
	M83248/2-107	.201 / .211	5.105 / 5.359	.100 / .106	2.540 / 2.692	.036	0.016
	M83248/2-108	.232 / .242	5.893 / 6.147	.100 / .106	2.540 / 2.692	.042	0.019
	M83248/2-109	.294 / .304	7.468 / 7.722	.100 / .106	2.540 / 2.692	.053	0.024
	M83248/2-110	.357 / .367	9.068 / 9.322	.100 / .106	2.540 / 2.692	.064	0.029
	M83248/2-111	.419 / .429	10.643 / 10.897	.100 / .106	2.540 / 2.692	.075	0.034
	M83248/2-112	.482 / .492	12.243 / 12.497	.100 / .106	2.540 / 2.692	.086	0.039
	M83248/2-113	.542 / .556	13.767 / 14.122	.100 / .106	2.540 / 2.692	.096	0.044
	M83248/2-114	.603 / .621	15.316 / 15.773	.100 / .106	2.540 / 2.692	.108	0.049
	M83248/2-115	.665 / .683	16.891 / 17.348	.100 / .106	2.540 / 2.692	.118	0.054
	M83248/2-116	.728 / .746	18.491 / 18.948	.100 / .106	2.540 / 2.692	.130	0.059
	M83248/2-117	.789 / .809	20.041 / 20.549	.100 / .106	2.540 / 2.692	.140	0.064
	M83248/2-118	.852 / .872	21.641 / 22.149	.100 / .106	2.540 / 2.692	.151	0.069
	M83248/2-119	.914 / .934	23.216 / 23.724	.100 / .106	2.540 / 2.692	.162	0.074
	M83248/2-120	.977 / .997	24.816 / 25.324	.100 / .106	2.540 / 2.692	.173	0.079
	M83248/2-121	1.039 / 1.059	26.391 / 26.899	.100 / .106	2.540 / 2.692	.184	0.084
	M83248/2-122	1.102 / 1.122	27.991 / 28.499	.100 / .106	2.540 / 2.692	.195	0.089
	M83248/2-123	1.162 / 1.186	29.515 / 30.124	.100 / .106	2.540 / 2.692	.206	0.094
	M83248/2-124	1.225 / 1.249	31.115 / 31.725	.100 / .106	2.540 / 2.692	.217	0.099
	M83248/2-125	1.287 / 1.311	32.690 / 33.299	.100 / .106	2.540 / 2.692	.228	0.104
	M83248/2-126	1.350 / 1.374	34.290 / 34.900	.100 / .106	2.540 / 2.692	.239	0.109
	M83248/2-127	1.412 / 1.436	35.865 / 36.474	.100 / .106	2.540 / 2.692	.250	0.114
	M83248/2-128	1.475 / 1.499	37.465 / 38.075	.100 / .106	2.540 / 2.692	.261	0.119
	M83248/2-129	1.534 / 1.564	38.964 / 39.726	.100 / .106	2.540 / 2.692	.272	0.124
	M83248/2-130	1.597 / 1.627	40.564 / 41.326	.100 / .106	2.540 / 2.692	.283	0.129
	M83248/2-131	1.659 / 1.689	42.139 / 42.901	.100 / .106	2.540 / 2.692	.294	0.134
	M83248/2-132	1.722 / 1.752	43.739 / 44.501	.100 / .106	2.540 / 2.692	.305	0.139
	M83248/2-133	1.784 / 1.814	45.314 / 46.076	.100 / .106	2.540 / 2.692	.316	0.144
	M83248/2-134	1.847 / 1.877	46.914 / 47.676	.100 / .106	2.540 / 2.692	.327	0.149
	M83248/2-135	1.908 / 1.942	48.463 / 49.327	.100 / .106	2.540 / 2.692	.338	0.154
	M83248/2-136	1.970 / 2.004	50.038 / 50.902	.100 / .106	2.540 / 2.692	.349	0.159
(a)	M83248/2-137	2.033 / 2.067	51.638 / 52.502	.100 / .106	2.540 / 2.692	.360	0.164
	M83248/2-138	2.095 / 2.129	53.213 / 54.077	.100 / .106	2.540 / 2.692	.371	0.169
	M83248/2-139	2.158 / 2.192	54.813 / 55.677	.100 / .106	2.540 / 2.692	.382	0.174
	M83248/2-140	2.220 / 2.254	56.388 / 57.252	.100 / .106	2.540 / 2.692	.393	0.178
	M83248/2-141	2.280 / 2.320	57.912 / 58.928	.100 / .106	2.540 / 2.692	.404	0.184
	M83248/2-142	2.342 / 2.382	59.487 / 60.503	.100 / .106	2.540 / 2.692	.415	0.188
	M83248/2-143	2.405 / 2.445	61.087 / 62.103	.100 / .106	2.540 / 2.692	.426	0.193
	M83248/2-144	2.467 / 2.507	62.662 / 63.678	.100 / .106	2.540 / 2.692	.437	0.198
	M83248/2-145	2.530 / 2.570	64.262 / 65.278	.100 / .106	2.540 / 2.692	.448	0.203
	M83248/2-146	2.592 / 2.632	65.837 / 66.853	.100 / .106	2.540 / 2.692	.459	0.208
	M83248/2-147	2.653 / 2.697	67.386 / 68.504	.100 / .106	2.540 / 2.692	.470	0.213
	M83248/2-148	2.715 / 2.759	68.961 / 70.079	.100 / .106	2.540 / 2.692	.481	0.218
	M83248/2-149	2.778 / 2.822	70.561 / 71.679	.100 / .106	2.540 / 2.692	.492	0.223
(b)	M83248/2-150	2.840 / 2.884	72.136 / 73.254	.100 / .106	2.540 / 2.692	.503	0.228

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
(b)	M83248/2-151	2.963 / 3.011	75.260 / 76.479	.100 / .106	2.540 / 2.692	.525	0.238
	M83248/2-152	3.213 / 3.261	81.610 / 82.829	.100 / .106	2.540 / 2.692	.569	0.258
	M83248/2-153	3.463 / 3.511	87.960 / 89.179	.100 / .106	2.540 / 2.692	.613	0.278
	M83248/2-154	3.709 / 3.765	94.209 / 95.631	.100 / .106	2.540 / 2.692	.657	0.298
	M83248/2-155	3.959 / 4.015	100.559 / 101.981	.100 / .106	2.540 / 2.692	.701	0.318
	M83248/2-156	4.207 / 4.267	106.858 / 108.382	.100 / .106	2.540 / 2.692	.745	0.338
	M83248/2-157	4.457 / 4.517	113.208 / 114.732	.100 / .106	2.540 / 2.692	.789	0.358
	M83248/2-158	4.707 / 4.767	119.558 / 121.082	.100 / .106	2.540 / 2.692	.832	0.378
	M83248/2-159	4.952 / 5.022	125.781 / 127.559	.100 / .106	2.540 / 2.692	.876	0.398
	M83248/2-160	5.202 / 5.272	132.131 / 133.909	.100 / .106	2.540 / 2.692	.920	0.418
	M83248/2-161	5.452 / 5.522	138.481 / 140.259	.100 / .106	2.540 / 2.692	.964	0.438
	M83248/2-162	5.702 / 5.772	144.831 / 146.609	.100 / .106	2.540 / 2.692	1.008	0.458
	M83248/2-163	5.952 / 6.022	151.181 / 152.959	.100 / .106	2.540 / 2.692	1.052	0.478
	M83248/2-164	6.197 / 6.277	157.404 / 159.436	.100 / .106	2.540 / 2.692	1.080	0.491
	M83248/2-165	6.447 / 6.527	163.754 / 165.786	.100 / .106	2.540 / 2.692	1.140	0.518
	M83248/2-166	6.697 / 6.777	170.104 / 172.136	.100 / .106	2.540 / 2.692	1.184	0.538
	M83248/2-167	6.947 / 7.027	176.454 / 178.486	.100 / .106	2.540 / 2.692	1.228	0.557
	M83248/2-168	7.192 / 7.282	182.677 / 184.963	.100 / .106	2.540 / 2.692	1.272	0.577
	M83248/2-169	7.442 / 7.532	189.027 / 191.313	.100 / .106	2.540 / 2.692	1.316	0.597
	M83248/2-170	7.692 / 7.782	195.377 / 197.663	.100 / .106	2.540 / 2.692	1.360	0.617
	M83248/2-171	7.942 / 8.032	201.727 / 204.013	.100 / .106	2.540 / 2.692	1.404	0.637
	M83248/2-172	8.187 / 8.287	207.950 / 210.490	.100 / .106	2.540 / 2.692	1.448	0.657
	M83248/2-173	8.437 / 8.537	214.300 / 216.840	.100 / .106	2.540 / 2.692	1.491	0.677
	M83248/2-174	8.687 / 8.787	220.650 / 223.190	.100 / .106	2.540 / 2.692	1.535	0.697
	M83248/2-175	8.937 / 9.037	227.000 / 229.540	.100 / .106	2.540 / 2.692	1.579	0.717
	M83248/2-176	9.182 / 9.292	233.223 / 236.017	.100 / .106	2.540 / 2.692	1.623	0.737
	M83248/2-177	9.432 / 9.542	239.573 / 242.367	.100 / .106	2.540 / 2.692	1.667	0.757
	M83248/2-178	9.682 / 9.792	245.923 / 248.717	.100 / .106	2.540 / 2.692	1.711	0.777
	M83248/2-201	.166 / .176	4.216 / 4.470	.135 / .143	3.429 / 3.632	.055	0.025
	M83248/2-202	.229 / .239	5.817 / 6.071	.135 / .143	3.429 / 3.632	.075	0.034
	M83248/2-203	.291 / .301	7.391 / 7.645	.135 / .143	3.429 / 3.632	.095	0.043
	M83248/2-204	.354 / .364	8.992 / 9.246	.135 / .143	3.429 / 3.632	.115	0.052
	M83248/2-205	.416 / .426	10.566 / 10.820	.135 / .143	3.429 / 3.632	.135	0.061
	M83248/2-206	.479 / .489	12.167 / 12.421	.135 / .143	3.429 / 3.632	.155	0.085
	M83248/2-207	.539 / .553	13.691 / 14.046	.135 / .143	3.429 / 3.632	.175	0.079
	M83248/2-208	.600 / .618	15.240 / 15.697	.135 / .143	3.429 / 3.632	.195	0.088
	M83248/2-209	.662 / .680	16.815 / 17.272	.135 / .143	3.429 / 3.632	.215	0.098
	M83248/2-210	.724 / .744	18.390 / 18.898	.135 / .143	3.429 / 3.632	.235	0.107
	M83248/2-211	.786 / .806	19.964 / 20.472	.135 / .143	3.429 / 3.632	.255	0.116
	M83248/2-212	.849 / .869	21.565 / 22.073	.135 / .143	3.429 / 3.632	.275	0.125
	M83248/2-213	.911 / .931	23.139 / 23.647	.135 / .143	3.429 / 3.632	.295	0.134
	M83248/2-214	.974 / .994	24.740 / 25.248	.135 / .143	3.429 / 3.632	.315	0.143
	M83248/2-215	1.036 / 1.056	26.314 / 26.822	.135 / .143	3.429 / 3.632	.335	0.152
	M83248/2-216	1.097 / 1.121	27.864 / 28.473	.135 / .143	3.429 / 3.632	.355	0.161
	M83248/2-217	1.159 / 1.183	29.439 / 30.048	.135 / .143	3.429 / 3.632	.375	0.170
	M83248/2-218	1.222 / 1.246	31.039 / 31.648	.135 / .143	3.429 / 3.632	.395	0.179
	M83248/2-219	1.284 / 1.308	32.614 / 33.223	.135 / .143	3.429 / 3.632	.415	0.188
	M83248/2-220	1.347 / 1.371	34.214 / 34.823	.135 / .143	3.429 / 3.632	.435	0.197

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-221	1.409 / 1.433	35.789 / 36.398	.135 / .143	3.429 / 3.632	.455	0.206
	M83248/2-222	1.469 / 1.499	37.313 / 38.075	.135 / .143	3.429 / 3.632	.475	0.216
	M83248/2-223	1.594 / 1.624	40.488 / 41.250	.135 / .143	3.429 / 3.632	.515	0.234
	M83248/2-224	1.719 / 1.749	43.663 / 44.425	.135 / .143	3.429 / 3.632	.555	0.252
	M83248/2-225	1.841 / 1.877	46.761 / 47.676	.135 / .143	3.429 / 3.632	.595	0.270
	M83248/2-226	1.966 / 2.002	49.936 / 50.851	.135 / .143	3.429 / 3.632	.635	0.288
	M83248/2-227	2.091 / 2.127	53.111 / 54.026	.135 / .143	3.429 / 3.632	.675	0.306
	M83248/2-228	2.214 / 2.254	56.236 / 57.252	.135 / .143	3.429 / 3.632	.715	0.325
	M83248/2-229	2.339 / 2.379	59.411 / 60.427	.135 / .143	3.429 / 3.632	.755	0.343
	M83248/2-230	2.464 / 2.504	62.586 / 63.602	.135 / .143	3.429 / 3.632	.795	0.351
	M83248/2-231	2.589 / 2.629	65.761 / 66.777	.135 / .143	3.429 / 3.632	.835	0.379
	M83248/2-232	2.710 / 2.758	68.834 / 70.053	.135 / .143	3.429 / 3.632	.875	0.397
	M83248/2-233	2.835 / 2.883	72.009 / 73.228	.135 / .143	3.429 / 3.632	.915	0.415
(a)	M83248/2-234	2.960 / 3.008	75.184 / 76.403	.135 / .143	3.429 / 3.632	.955	0.434
	M83248/2-235	3.085 / 3.133	78.359 / 79.578	.135 / .143	3.429 / 3.632	.995	0.452
	M83248/2-236	3.210 / 3.258	81.534 / 82.753	.135 / .143	3.429 / 3.632	1.035	0.470
	M83248/2-237	3.335 / 3.383	84.709 / 85.928	.135 / .143	3.429 / 3.632	1.075	0.488
	M83248/2-238	3.460 / 3.508	87.884 / 89.103	.135 / .143	3.429 / 3.632	1.115	0.506
	M83248/2-239	3.581 / 3.637	90.957 / 92.380	.135 / .143	3.429 / 3.632	1.155	0.524
	M83248/2-240	3.706 / 3.762	94.132 / 95.555	.135 / .143	3.429 / 3.632	1.195	0.543
	M83248/2-241	3.831 / 3.887	97.307 / 98.730	.135 / .143	3.429 / 3.632	1.235	0.561
	M83248/2-242	3.956 / 4.012	100.482 / 101.905	.135 / .143	3.429 / 3.632	1.275	0.579
	M83248/2-243	4.081 / 4.137	103.657 / 105.080	.135 / .143	3.429 / 3.632	1.315	0.597
	M83248/2-244	4.204 / 4.264	106.782 / 108.306	.135 / .143	3.429 / 3.632	1.355	0.615
	M83248/2-245	4.329 / 4.389	109.957 / 111.481	.135 / .143	3.429 / 3.632	1.395	0.633
	M83248/2-246	4.454 / 4.514	113.132 / 114.656	.135 / .143	3.429 / 3.632	1.435	0.652
	M83248/2-247	4.579 / 4.639	116.307 / 117.831	.135 / .143	3.429 / 3.632	1.475	0.670
	M83248/2-248	4.704 / 4.764	119.482 / 121.006	.135 / .143	3.429 / 3.632	1.515	0.688
	M83248/2-249	4.824 / 4.894	122.530 / 124.308	.135 / .143	3.429 / 3.632	1.555	0.706
	M83248/2-250	4.949 / 5.019	125.705 / 127.483	.135 / .143	3.429 / 3.632	1.595	0.724
	M83248/2-251	5.074 / 5.144	128.880 / 130.658	.135 / .143	3.429 / 3.632	1.635	0.742
	M83248/2-252	5.199 / 5.269	132.055 / 133.833	.135 / .143	3.429 / 3.632	1.675	0.761
	M83248/2-253	5.324 / 5.394	135.230 / 137.008	.135 / .143	3.429 / 3.632	1.715	0.779
	M83248/2-254	5.449 / 5.519	138.405 / 140.183	.135 / .143	3.429 / 3.632	1.755	0.797
	M83248/2-255	5.574 / 5.644	141.580 / 143.358	.135 / .143	3.429 / 3.632	1.795	0.815
	M83248/2-256	5.699 / 5.769	144.755 / 146.533	.135 / .143	3.429 / 3.632	1.835	0.833
	M83248/2-257	5.824 / 5.894	147.930 / 149.708	.135 / .143	3.429 / 3.632	1.875	0.851
	M83248/2-258	5.949 / 6.019	151.105 / 152.883	.135 / .143	3.429 / 3.632	1.915	0.870
(b)	M83248/2-259	6.194 / 6.274	157.328 / 159.360	.135 / .143	3.429 / 3.632	1.995	0.906
	M83248/2-260	6.444 / 6.524	163.678 / 165.710	.135 / .143	3.429 / 3.632	2.075	0.942
	M83248/2-261	6.694 / 6.774	170.028 / 172.060	.135 / .143	3.429 / 3.632	2.155	0.978
	M83248/2-262	6.944 / 7.024	176.378 / 178.410	.135 / .143	3.429 / 3.632	2.235	1.015
	M83248/2-263	7.189 / 7.279	182.601 / 184.887	.135 / .143	3.429 / 3.632	2.315	1.051
	M83248/2-264	7.439 / 7.529	188.951 / 191.237	.135 / .143	3.429 / 3.632	2.395	1.087
	M83248/2-265	7,689 / 7.779	195.301 / 197.587	.135 / .143	3.429 / 3.632	2.475	1.124
	M83248/2-266	7.939 / 8.029	201.651 / 203.937	.135 / .143	3.429 / 3.632	2.555	1.160
	M83248/2-267	8.184 / 8.284	207.874 / 210.414	.135 / .143	3.429 / 3.632	2.635	1.196
	M83248/2-268	8.434 / 8.534	214.224 / 216.764	.135 / .143	3.429 / 3.632	2.715	1.233
	M83248/2-269	8.684 / 8.784	220.574 / 223.114	.135 / .143	3.429 / 3.632	2.795	1.269
	M83248/2-270	8.934 / 9.034	226.924 / 229.464	.135 / .143	3.429 / 3.632	2.875	1.305

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-271	9.179 / 9.289	233.147 / 235.941	.135 / .143	3.429 / 3.632	2.995	1.342
	M83248/2-272	9.429 / 9.539	239.497 / 242.291	.135 / .143	3.429 / 3.632	3.035	1.378
	M83248/2-273	9.679 / 9.789	245.847 / 248.641	.135 / .143	3.429 / 3.632	3.115	1.414
	M83248/2-274	9.929 / 10.039	252.197 / 254.991	.135 / .143	3.429 / 3.632	3.195	1.451
	M83248/2-275	10.429 / 10.539	264.897 / 267.691	.135 / .143	3.429 / 3.632	3.355	1.523
	M83248/2-276	10.919 / 11.049	277.343 / 280.645	.135 / .143	3.429 / 3.632	3.515	1.596
	M83248/2-277	11.419 / 11.549	290.043 / 293.345	.135 / .143	3.429 / 3.632	3.675	1.669
(b)	M83248/2-278	11.919 / 12.049	302.743 / 306.045	.135 / .143	3.429 / 3.632	3.835	1.741
	M83248/2-279	12.919 / 13.049	328.143 / 331.445	.135 / .143	3.429 / 3.632	4.156	1.887
	M83248/2-280	13.919 / 14.049	353.543 / 356.845	.135 / .143	3.429 / 3.632	4.476	2.032
	M83248/2-281	14.919 / 15.049	378.943 / 382.245	.135 / .143	3.429 / 3.632	4.796	2.177
	M83248/2-282	15.880 / 16.030	403.352 / 407.162	.135 / .143	3.429 / 3.632	5.106	2.318
	M83248/2-283	16.875 / 17.035	428.625 / 432.689	.135 / .143	3.429 / 3.632	5.426	2.464
	M83248/2-284	17.870 / 18.040	453.898 / 458.216	.135 / .143	3.429 / 3.632	5.747	2.609
	M83248/2-309	.407 / .417	10.338 / 10.592	.205 / .215	5.207 / 5.461	.301	0.137
	M83248/2-310	.470 / .480	11.938 / 12.192	.205 / .215	5.207 / 5.461	.347	0.158
	M83248/2-311	.530 / .544	13.462 / 13.818	.205 / .215	5.207 / 5.461	.392	0.178
	M83248/2-312	.591 / .609	15.011 / 15.469	.205 / .215	5.207 / 5.461	.438	0.199
	M83248/2-313	.653 / .671	16.586 / 17.043	.205 / .215	5.207 / 5.461	.484	0.220
	M83248/2-314	.715 / .735	18.161 / 18.669	.205 / .215	5.207 / 5.461	.530	0.240
	M83248/2-315	.777 / .797	19.736 / 20.244	.205 / .215	5.207 / 5.461	.575	0.261
	M83248/2-316	.840 / .860	21.336 / 21.844	.205 / .215	5.207 / 5.461	.621	0.282
	M83248/2-317	.902 / .922	22.911 / 23.419	.205 / .215	5.207 / 5.461	.659	0.299
	M83248/2-318	.965 / .985	24.511 / 25.019	.205 / .215	5.207 / 5.461	.712	0.323
	M83248/2-319	1.027 / 1.047	26.086 / 26.594	.205 / .215	5.207 / 5.461	.758	0.344
	M83248/2-320	1.088 / 1.112	27.635 / 28.245	.205 / .215	5.207 / 5.461	.804	0.365
	M83248/2-321	1.150 / 1.174	29.210 / 29.820	.205 / .215	5.207 / 5.461	.849	0.385
	M83248/2-322	1.213 / 1.237	30.810 / 31.420	.205 / .215	5.207 / 5.461	.895	0.406
	M83248/2-323	1.275 / 1.299	32.385 / 32.995	.205 / .215	5.207 / 5.461	.940	0.427
	M83248/2-324	1.338 / 1.362	33.985 / 34.595	.205 / .215	5.207 / 5.461	.986	0.448
	M83248/2-325	1.460 / 1.490	37.084 / 37.846	.205 / .215	5.207 / 5.461	1.078	0.489
	M83248/2-326	1.585 / 1.615	40.259 / 41.021	.205 / .215	5.207 / 5.461	1.169	0.531
	M83248/2-327	1.710 / 1.740	43.434 / 44.196	.205 / .215	5.207 / 5.461	1.260	0.572
	M83248/2-328	1.835 / 1.865	46.609 / 47.371	.205 / .215	5.207 / 5.461	1.351	0.614
	M83248/2-329	1.957 / 1.993	49.708 / 50.622	.205 / .215	5.207 / 5.461	1.443	0.655
	M83248/2-330	2.082 / 2.118	52.883 / 53.797	.205 / .215	5.207 / 5.461	1.534	0.696
	M83248/2-331	2.207 / 2.243	56.058 / 56.972	.205 / .215	5.207 / 5.461	1.625	0.738
	M83248/2-332	2.332 / 2.368	59.233 / 60.147	.205 / .215	5.207 / 5.461	1.717	0.779
	M83248/2-333	2.455 / 2.495	62.357 / 63.373	.205 / .215	5.207 / 5.461	1.808	0.821
	M83248/2-334	2.580 / 2.620	65.532 / 66.548	.205 / .215	5.207 / 5.461	1.899	0.862
	M83248/2-335	2.705 / 2.745	68.707 / 69.723	.205 / .215	5.207 / 5.461	1.991	0.904
	M83248/2-336	2.830 / 2.870	71.882 / 72.898	.205 / .215	5.207 / 5.461	2.082	0.945
	M83248/2-337	2.951 / 2.999	74.955 / 76.175	.205 / .215	5.207 / 5.461	2.173	0.987
	M83248/2-338	3.076 / 3.124	78.130 / 79.350	.205 / .215	5.207 / 5.461	2.265	1.028
	M83248/2-339	3.201 / 3.249	81.305 / 82.525	.205 / .215	5.207 / 5.461	2.356	1.070
	M83248/2-340	3.326 / 3.374	84.480 / 85.700	.205 / .215	5.207 / 5.461	2.447	1.111

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-341	3.451 / 3.499	87.655 / 88.875	.205 / .215	5.207 / 5.461	2.539	1.153
	M83248/2-342	3.572 / 3.628	90.729 / 92.151	.205 / .215	5.207 / 5.461	2.630	1.194
	M83248/2-343	3.697 / 3.753	93.904 / 95.326	.205 / .215	5.207 / 5.461	2.721	1.235
	M83248/2-344	3.822 / 3.878	97.079 / 98.501	.205 / .215	5.207 / 5.461	2.812	1.277
	M83248/2-345	3.947 / 4.003	100.254 / 101.676	.205 / .215	5.207 / 5.461	2.904	1.318
	M83248/2-346	4.072 / 4.128	103.429 / 104.851	.205 / .215	5.207 / 5.461	2.955	1.360
	M83248/2-347	4.195 / 4.255	106.553 / 108.077	.205 / .215	5.207 / 5.461	3.086	1.401
	M83248/2-348	4.320 / 4.380	109.728 / 111.252	.205 / .215	5.207 / 5.461	3.178	1.443
	M83248/2-349	4.445 / 4.505	112.903 / 114.427	.205 / .215	5.207 / 5.461	3.269	1.484
	M83248/2-350	4.570 / 4.630	116.078 / 117.602	.205 / .215	5.207 / 5.461	3.360	1.526
	M83248/2-351	4.695 / 4.755	119.253 / 120.777	.205 / .215	5.207 / 5.461	3.452	1.567
	M83248/2-352	4.820 / 4.880	122.428 / 123.952	.205 / .215	5.207 / 5.461	3.543	1.609
	M83248/2-353	4.938 / 5.012	125.425 / 127.305	.205 / .215	5.207 / 5.461	3.634	1.650
	M83248/2-354	5.063 / 5.137	128.600 / 130.480	.205 / .215	5.207 / 5.461	3.726	1.691
	M83248/2-355	5.188 / 5.262	131.775 / 133.655	.205 / .215	5.207 / 5.461	3.817	1.733
	M83248/2-356	5.313 / 5.387	134.950 / 136.830	.205 / .215	5.207 / 5.461	3.908	1.774
	M83248/2-357	5.438 / 5.512	138.125 / 140.005	.205 / .215	5.207 / 5.461	4.000	1.816
	M83248/2-358	5.563 / 5.637	141.300 / 143.180	.205 / .215	5.207 / 5.461	4.091	1.857
	M83248/2-359	5.688 / 5.762	144.475 / 146.355	.205 / .215	5.207 / 5.461	4.182	1.899
	M83248/2-360	5.813 / 5.887	147.650 / 149.530	.205 / .215	5.207 / 5.461	4.274	1.940
	M83248/2-361	5.938 / 6.012	150.825 / 152.705	.205 / .215	5.207 / 5.461	4.365	1.982
	M83248/2-362	6.185 / 6.265	157.099 / 159.131	.205 / .215	5.207 / 5.461	4.547	2.065
(b)	M83248/2-363	6.435 / 6.515	163.449 / 165.481	.205 / .215	5.207 / 5.461	4.730	2.147
	M83248/2-364	6.685 / 6.765	169.799 / 171.831	.205 / .215	5.207 / 5.461	4.913	2.230
	M83248/2-365	6.935 / 7.015	176.149 / 178.181	.205 / .215	5.207 / 5.461	5.095	2.313
	M83248/2-366	7.180 / 7.270	182.372 / 184.658	.205 / .215	5.207 / 5.461	5.278	2.396
	M83248/2-367	7.430 / 7.520	188.722 / 191.008	.205 / .215	5.207 / 5.461	5.461	2.479
	M83248/2-368	7.680 / 7.770	195.072 / 197.358	.205 / .215	5.207 / 5.461	5.643	2.562
	M83248/2-369	7.930 / 8.020	201.422 / 203.708	.205 / .215	5.207 / 5.461	5.826	2.645
	M83248/2-370	8.175 / 8.275	207.645 / 210.185	.205 / .215	5.207 / 5.461	6.008	2.728
	M83248/2-371	8.425 / 8.525	213.995 / 216.535	.205 / .215	5.207 / 5.461	6.191	2.811
	M83248/2-372	8.675 / 8.775	220.345 / 222.885	.205 / .215	5.207 / 5.461	6.374	2.894
	M83248/2-373	8.925 / 9.025	226.695 / 229.235	.205 / .215	5.207 / 5.461	6.556	2.977
	M83248/2-374	9.170 / 9.280	232.918 / 235.712	.205 / .215	5.207 / 5.461	6.739	3.060
	M83248/2-375	9.420 / 9.530	239.268 / 242.062	.205 / .215	5.207 / 5.461	6.922	3.142
	M83248/2-376	9.670 / 9.780	245.618 / 248.412	.205 / .215	5.207 / 5.461	7.104	3.225
	M83248/2-377	9.920 / 10.030	251.968 / 254.762	.205 / .215	5.207 / 5.461	7.287	3.308
	M83248/2-378	10.415 / 10.535	264.541 / 267.589	.205 / .215	5.207 / 5.461	7.652	3.474
	M83248/2-379	10.915 / 11.035	277.241 / 280.289	.205 / .215	5.207 / 5.461	8.017	3.640
	M83248/2-380	11.410 / 11.540	289.814 / 293.116	.205 / .215	5.207 / 5.461	8.383	3.806
	M83248/2-381	11.910 / 12.040	302.514 / 305.816	.205 / .215	5.207 / 5.461	8.748	3.972
	M83248/2-382	12.910 / 13.040	327.914 / 331.216	.205 / .215	5.207 / 5.461	9.478	4.303
	M83248/2-383	13.905 / 14.045	353.187 / 356.743	.205 / .215	5.207 / 5.461	10.209	4.635
	M83248/2-384	14.905 / 15.045	378.587 / 382.143	.205 / .215	5.207 / 5.461	10.939	4.967
	M83248/2-385	15.880 / 16.030	403.352 / 407.162	.205 / .215	5.207 / 5.461	11.655	5.292

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-386	16.875 / 17.035	428.625 / 432.689	.205 / .215	5.207 / 5.461	12.386	5.623
	M83248/2-387	17.870 / 18.040	453.898 / 458.216	.205 / .215	5.207 / 5.461	13.116	5.955
	M83248/2-388	18.865 / 19.045	479.171 / 483.743	.205 / .215	5.207 / 5.461	13.847	6.287
	M83248/2-389	19.860 / 20.050	504.444 / 509.270	.205 / .215	5.207 / 5.461	14.577	6.618
(b)	M83248/2-390	20.860 / 21.050	529.844 / 534.670	.205 / .215	5.207 / 5.461	15.308	6.950
	M83248/2-391	21.855 / 22.055	555.117 / 560.197	.205 / .215	5.207 / 5.461	16.038	7.282
	M83248/2-392	22.835 / 23.045	580.009 / 585.343	.205 / .215	5.207 / 5.461	16.758	7.608
	M83248/2-393	23.830 / 24.050	605.282 / 610.870	.205 / .215	5.207 / 5.461	17.488	7.940
	M83248/2-394	24.825 / 25.055	630.555 / 636.397	.205 / .215	5.207 / 5.461	18.219	8.272
	M83248/2-395	25.820 / 26.060	655.828 / 661.924	.205 / .215	5.207 / 5.461	18.950	8.603
	M83248/2-425	4.442 / 4.508	112.827 / 114.503	.269 / .281	6.833 / 7.137	5.606	2.545
	M83248/2-426	4.567 / 4.633	116.002 / 117.678	.269 / .281	6.833 / 7.137	5.763	2.616
	M83248/2-427	4.692 / 4.758	119.177 / 120.853	.269 / .281	6.833 / 7.137	5.919	2.687
	M83248/2-428	4.817 / 4.883	122.352 / 124.028	.269 / .281	6.833 / 7.137	6.076	2.758
	M83248/2-429	4.938 / 5.012	125.425 / 127.305	.269 / .281	6.833 / 7.137	6.232	2.830
	M83248/2-430	5.063 / 5.137	128.600 / 130.480	.269 / .281	6.833 / 7.137	6.389	2.901
	M83248/2-431	5.188 / 5.262	131.775 / 133.655	.269 / .281	6.833 / 7.137	6.545	2.972
	M83248/2-432	5.313 / 5.387	134.950 / 136.830	.269 / .281	6.833 / 7.137	6.702	3.043
	M83248/2-433	5.438 / 5.512	138.125 / 140.005	.269 / .281	6.833 / 7.137	6.859	3.114
	M83248/2-434	5.563 / 5.637	141.300 / 143.180	.269 / .281	6.833 / 7.137	7.015	3.185
	M83248/2-435	5.688 / 5.762	144.475 / 146.355	.269 / .281	6.833 / 7.137	7.172	3.256
	M83248/2-436	5.813 / 5.887	147.650 / 149.530	.269 / .281	6.833 / 7.137	7.328	3.327
	M83248/2-437	5.938 / 6.012	150.825 / 152.705	.269 / .281	6.833 / 7.137	7.485	3.398
	M83248/2-438	6.185 / 6.265	157.099 / 159.131	.269 / .281	6.833 / 7.137	7.798	3.540
	M83248/2-439	6.435 / 6.515	163.449 / 165.481	.269 / .281	6.833 / 7.137	8.111	3.683
	M83248/2-440	6.685 / 6.765	169.799 / 171.831	.269 / .281	6.833 / 7.137	8.425	3.825
	M83248/2-441	6.935 / 7.015	176.149 / 178.181	.269 / .281	6.833 / 7.137	8.738	3.967
	M83248/2-442	7.180 / 7.270	182.372 / 184.658	.269 / .281	6.833 / 7.137	9.051	4.109
	M83248/2-443	7.430 / 7.520	188.722 / 191.008	.269 / .281	6.833 / 7.137	9.364	4.251
	M83248/2-444	7.680 / 7.770	195.072 / 197.358	.269 / .281	6.833 / 7.137	9.677	4.394
	M83248/2-445	7.930 / 8.020	201.422 / 203.708	.269 / .281	6.833 / 7.137	9.990	4.536
	M83248/2-446	8.420 / 8.530	213.868 / 216.662	.269 / .281	6.833 / 7.137	10.617	4.820
	M83248/2-447	8.920 / 9.030	226.568 / 229.362	.269 / .281	6.833 / 7.137	11.243	5.105
	M83248/2-448	9.420 / 9.530	239.268 / 242.062	.269 / .281	6.833 / 7.137	11.870	5.389
	M83248/2-449	9.920 / 10.030	251.968 / 254.762	.269 / .281	6.833 / 7.137	12.496	5.673
	M83248/2-450	10.415 / 10.535	264.541 / 267.589	.269 / .281	6.833 / 7.137	13.122	5.958
	M83248/2-451	10.915 / 11.035	277.241 / 280.289	.269 / .281	6.833 / 7.137	13.225	6.242
	M83248/2-452	11.415 / 11.535	289.941 / 292.989	.269 / .281	6.833 / 7.137	13.813	6.526
	M83248/2-453	11.915 / 12.035	302.641 / 305.689	.269 / .281	6.833 / 7.137	14.401	6.811
	M83248/2-454	12.415 / 12.535	315.341 / 318.389	.269 / .281	6.833 / 7.137	14.988	7.095
	M83248/2-455	12.915 / 13.035	328.041 / 331.089	.269 / .281	6.833 / 7.137	15.576	7.379
	M83248/2-456	13.405 / 13.545	340.487 / 344.043	.269 / .281	6.833 / 7.137	16.880	7.664
	M83248/2-457	13.905 / 14.045	353.187 / 356.743	.269 / .281	6.833 / 7.137	17.507	7.948
	M83248/2-458	14.405 / 14.545	365.887 / 369.443	.269 / .281	6.833 / 7.137	18.133	8.233
	M83248/2-459	14.905 / 15.045	378.587 / 382.143	.269 / .281	6.833 / 7.137	18.760	8.517
	M83248/2-460	15.405 / 15.545	391.287 / 394.843	.269 / .281	6.833 / 7.137	19.386	8.801

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

APP NOTE	PART NUMBER	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX MASS (LB/100)	APPROX MASS (KG/100)
	M83248/2-461	15.880 / 16.030	403.352 / 407.162	.269 / .281	6.833 / 7.137	19.987	9.074
	M83248/2-462	16.380 / 16.530	416.052 / 419.862	.269 / .281	6.833 / 7.137	20.614	9.359
	M83248/2-463	16.875 / 17.035	428.625 / 432.689	.269 / .281	6.833 / 7.137	21.240	9.643
	M83248/2-464	17.370 / 17.540	441.198 / 445.516	.269 / .281	6.833 / 7.137	21.866	9.927
	M83248/2-465	17.870 / 18.040	453.898 / 458.216	.269 / .281	6.833 / 7.137	22.493	10.212
(b)	M83248/2-466	18.370 / 18.540	466.598 / 470.916	.269 / .281	6.833 / 7.137	23.119	10.496
	M83248/2-467	18.865 / 19.045	479.171 / 483.743	.269 / .281	6.833 / 7.137	23.745	10.781
	M83248/2-468	19.365 / 19.545	491.871 / 496.443	.269 / .281	6.833 / 7.137	24.372	11.065
	M83248/2-469	19.860 / 20.050	504.444 / 509.270	.269 / .281	6.833 / 7.137	24.998	11.349
	M83248/2-470	20.860 / 21.050	529.844 / 534.670	.269 / .281	6.833 / 7.137	26.251	11.918
	M83248/2-471	21.855 / 22.055	555.117 / 560.197	.269 / .281	6.833 / 7.137	27.504	12.487
	M83248/2-472	22.835 / 23.045	580.009 / 585.343	.269 / .281	6.833 / 7.137	28.737	13.047
	M83248/2-473	23.830 / 24.050	605.282 / 610.870	.269 / .281	6.833 / 7.137	29.990	13.616
	M83248/2-474	24.825 / 25.055	630.555 / 636.397	.269 / .281	6.833 / 7.137	31.243	14.185
	M83248/2-475	25.820 / 26.060	655.828 / 661.924	.269 / .281	6.833 / 7.137	32.496	14.753

TABLE 2 – BOSS O-RING SIZES FOR STRAIGHT THREAD TUBE FITTINGS

PART NUMBER	TUBE OUTSIDE DIAMETER (IN)	TUBE OUTSIDE DIAMETER (MM)	ØD (IN)	ØD (MM)	ØW (IN)	ØW (MM)	APPROX. MASS (LB/100)	APPROX. MASS (KG/100)
M83248/2-901	.094	2.388	.190/.180	4.826/4.572	.059/.053	1.499/1.346	.0096	0.0044
M83248/2-902	.125	3.175	.244/.234	6.198/5.944	.067/.061	1.702/1.549	.0162	0.0074
M83248/2-903	.188	4.775	.306/.295	7.772/7.493	.067/.061	1.702/1.549	.020	0.009
M83248/2-904	.250	6.350	.356/.346	9.042/8.788	.075/.069	1.905/1.753	.030	0.014
M83248/2-905	.312	7.925	.419/.409	10.643/10.389	.075/.069	1.905/1.753	.036	0.016
M83248/2-906	.375	9.525	.473/.463	12.014/11.760	.081/.075	2.057/1.905	.047	0.021
M83248/2-907	.438	11.125	.537/.523	13.640/13.284	.085/.079	2.159/2.007	.059	0.027
M83248/2-908	.500	12.700	.653/.635	16.586/16.129	.090/.084	2.286/2.134	.081	0.037
M83248/2-909	.562	14.275	.715/.697	18.161/17.704	.100/.094	2.540/2.388	.110	0.050
M83248/2-910	.625	15.875	.764/.746	19.406/18.948	.100/.094	2.540/2.388	.118	0.053
M83248/2-911	.688	17.475	.872/.854	22.149/21.692	.120/.112	3.048/2.845	.192	0.087
M83248/2-912	.750	19.050	.933/.915	23.698/23.241	.120/.112	3.048/2.845	.206	0.094
M83248/2-913	.812	20.625	.996/.976	25.298/24.790	.120/.112	3.048/2.845	.220	0.100
M83248/2-914	.875	22.225	1.057/1.037	26.848/26.340	.120/.112	3.048/2.845	.233	0.106
M83248/2-916	1.000	25.400	1.181/1.161	29.997/29.489	.120/.112	3.048/2.845	.261	0.119
M83248/2-918	1.125	28.575	1.367/1.343	34.722/34.112	.120/.112	3.048/2.845	.302	0.137
M83248/2-920	1.250	31.750	1.489/1.461	37.821/37.109	.122/.114	3.099/2.896	.340	0.154
M83248/2-924	1.500	38.100	1.734/1.706	44.044/43.332	.122/.114	3.099/2.896	.397	0.180
M83248/2-928	1.750	44.450	2.108/2.072	53.543/52.629	.122/.114	3.099/2.896	.482	0.219
M83248/2-932	2.000	50.800	2.356/2.319	59.842/58.903	.122/.114	3.099/2.896	.539	0.245