

REV.
A

AS5728

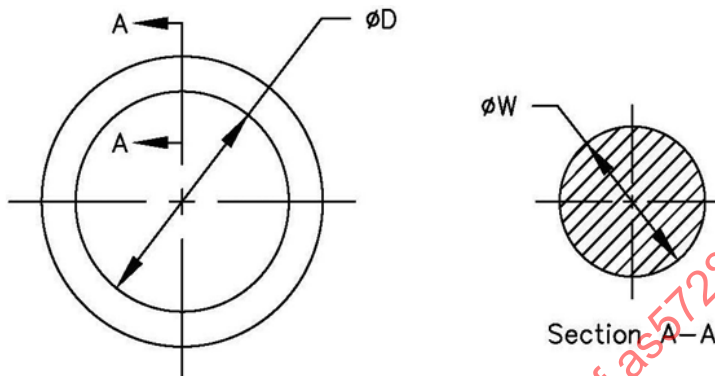
RATIONALE

REVISION A UPDATES THE INSPECTION CRITERIA AND TEMPLATE FORMAT.

FEDERAL SUPPLY CLASS
5331

FOREWORD

THIS STANDARD ESTABLISHES THE DIMENSIONAL AND VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS AND PACKAGING AND LABELING REQUIREMENTS FOR O-RINGS MOLDED FROM AMS7268 RUBBER. IT SHALL BE USED FOR PROCUREMENT PURPOSES.



NOTE: DIMENSIONS AND TOLERANCING PER ASME Y14.5-2009

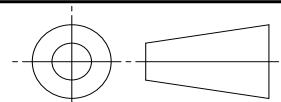
FIGURE 1 - O-RING DIMENSIONS: WIDTH (ØW) AND INSIDE DIAMETER (ØD)

TABLE 1 - PART NUMBERS AND DIMENSIONS

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
	AS5728-001	.025 / .033	0.635 / 0.838	.037 / .043	0.940 / 1.092	.002	0.001
	AS5728-002	.038 / .046	0.965 / 1.168	.047 / .053	1.194 / 1.346	.003	0.002
	AS5728-003	.052 / .060	1.321 / 1.524	.057 / .063	1.448 / 1.600	.005	0.002
	AS5728-004	.065 / .075	1.651 / 1.905	.067 / .073	1.702 / 1.854	.009	0.004
	AS5728-005	.096 / .106	2.438 / 2.692	.067 / .073	1.702 / 1.854	.011	0.005
	AS5728-006	.109 / .119	2.769 / 3.023	.067 / .073	1.702 / 1.854	.011	0.005
	AS5728-007	.140 / .150	3.556 / 3.810	.067 / .073	1.702 / 1.854	.013	0.006
	AS5728-008	.171 / .181	4.343 / 4.597	.067 / .073	1.702 / 1.854	.015	0.006
	AS5728-009	.203 / .213	5.156 / 5.410	.067 / .073	1.702 / 1.854	.017	0.008
	AS5728-010	.234 / .244	5.944 / 6.198	.067 / .073	1.702 / 1.854	.019	0.009
	AS5728-011	.296 / .306	7.518 / 7.772	.067 / .073	1.702 / 1.854	.023	0.011
	AS5728-012	.359 / .369	9.119 / 9.373	.067 / .073	1.702 / 1.854	.027	0.012
	AS5728-013	.421 / .431	10.693 / 10.947	.067 / .073	1.702 / 1.854	.031	0.014
	AS5728-014	.484 / .494	12.294 / 12.548	.067 / .073	1.702 / 1.854	.035	0.015
	AS5728-015	.544 / .558	13.818 / 14.173	.067 / .073	1.702 / 1.854	.038	0.017
(a)	AS5728-016	.605 / .623	15.367 / 15.824	.067 / .073	1.702 / 1.854	.042	0.019
	AS5728-017	.667 / .685	16.942 / 17.399	.067 / .073	1.702 / 1.854	.046	0.021
	AS5728-018	.730 / .748	18.542 / 18.999	.067 / .073	1.702 / 1.854	.050	0.023
	AS5728-019	.792 / .810	20.117 / 20.574	.067 / .073	1.702 / 1.854	.054	0.024
	AS5728-020	.855 / .873	21.717 / 22.174	.067 / .073	1.702 / 1.854	.058	0.026

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THIRD ANGLE PROJECTION



CUSTODIAN: A-6/A-6C2

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIAL

AS5728
SHEET 1 OF 11

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TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
(a)	AS5728-021	.917 / .935	23.292 / 23.749	.067 / .073	1.702 / 1.854	.062	0.028
	AS5728-022	.979 / .999	24.867 / 25.375	.067 / .073	1.702 / 1.854	.066	0.030
	AS5728-023	1.041 / 1.061	26.441 / 26.949	.067 / .073	1.702 / 1.854	.069	0.032
	AS5728-024	1.104 / 1.124	28.042 / 28.550	.067 / .073	1.702 / 1.854	.073	0.033
	AS5728-025	1.165 / 1.187	29.591 / 30.150	.067 / .073	1.702 / 1.854	.077	0.035
	AS5728-026	1.228 / 1.250	31.191 / 31.750	.067 / .073	1.702 / 1.854	.081	0.036
	AS5728-027	1.290 / 1.312	32.766 / 33.325	.067 / .073	1.702 / 1.854	.084	0.038
(b)	AS5728-028	1.351 / 1.377	34.315 / 34.976	.067 / .073	1.702 / 1.854	.088	0.041
	AS5728-029	1.476 / 1.502	37.490 / 38.151	.067 / .073	1.702 / 1.854	.097	0.044
	AS5728-030	1.601 / 1.627	40.665 / 41.326	.067 / .073	1.702 / 1.854	.104	0.047
	AS5728-031	1.724 / 1.754	43.790 / 44.552	.067 / .073	1.702 / 1.854	.112	0.051
	AS5728-032	1.849 / 1.879	46.965 / 47.727	.067 / .073	1.702 / 1.854	.119	0.054
	AS5728-033	1.971 / 2.007	50.063 / 50.978	.067 / .073	1.702 / 1.854	.127	0.058
	AS5728-034	2.096 / 2.132	53.238 / 54.153	.067 / .073	1.702 / 1.854	.135	0.061
	AS5728-035	2.221 / 2.257	56.413 / 57.328	.067 / .073	1.702 / 1.854	.143	0.065
	AS5728-036	2.346 / 2.382	59.588 / 60.503	.067 / .073	1.702 / 1.854	.150	0.068
	AS5728-037	2.471 / 2.507	62.763 / 63.678	.067 / .073	1.702 / 1.854	.158	0.071
	AS5728-038	2.594 / 2.634	65.888 / 66.904	.067 / .073	1.702 / 1.854	.165	0.075
	AS5728-039	2.719 / 2.759	69.063 / 70.079	.067 / .073	1.702 / 1.854	.174	0.079
	AS5728-040	2.844 / 2.884	72.238 / 73.254	.067 / .073	1.702 / 1.854	.181	0.082
	AS5728-041	2.965 / 3.013	75.311 / 76.530	.067 / .073	1.702 / 1.854	.189	0.086
	AS5728-042	3.215 / 3.263	81.661 / 82.880	.067 / .073	1.702 / 1.854	.204	0.092
	AS5728-043	3.465 / 3.513	88.011 / 89.230	.067 / .073	1.702 / 1.854	.220	0.100
	AS5728-044	3.712 / 3.766	94.285 / 95.656	.067 / .073	1.702 / 1.854	.235	0.107
	AS5728-045	3.962 / 4.016	100.635 / 102.006	.067 / .073	1.702 / 1.854	.251	0.114
	AS5728-046	4.209 / 4.269	106.909 / 108.433	.067 / .073	1.702 / 1.854	.266	0.121
	AS5728-047	4.459 / 4.519	113.259 / 114.783	.067 / .073	1.702 / 1.854	.281	0.128
	AS5728-048	4.709 / 4.769	119.609 / 121.133	.067 / .073	1.702 / 1.854	.297	0.135
	AS5728-049	4.952 / 5.026	125.781 / 127.660	.067 / .073	1.702 / 1.854	.312	0.142
	AS5728-050	5.202 / 5.276	132.131 / 134.010	.067 / .073	1.702 / 1.854	.328	0.148
(a)							
	AS5728-102	0.044 / 0.054	1.118 / 1.372	.100 / .106	2.540 / 2.692	.020	0.009
	AS5728-103	0.076 / 0.086	1.930 / 2.184	.100 / .106	2.540 / 2.692	.024	0.011
	AS5728-104	0.107 / 0.117	2.718 / 2.972	.100 / .106	2.540 / 2.692	.028	0.013
	AS5728-105	0.138 / 0.148	3.505 / 3.759	.100 / .106	2.540 / 2.692	.033	0.015
	AS5728-106	0.169 / 0.179	4.293 / 4.547	.100 / .106	2.540 / 2.692	.037	0.017
	AS5728-107	0.201 / 0.211	5.105 / 5.359	.100 / .106	2.540 / 2.692	.041	0.019
	AS5728-108	0.232 / 0.242	5.893 / 6.147	.100 / .106	2.540 / 2.692	.045	0.020
	AS5728-109	0.294 / 0.304	7.468 / 7.722	.100 / .106	2.540 / 2.692	.054	0.024
	AS5728-110	0.357 / 0.367	9.068 / 9.322	.100 / .106	2.540 / 2.692	.062	0.028
	AS5728-111	0.419 / 0.429	10.643 / 10.897	.100 / .106	2.540 / 2.692	.071	0.032
	AS5728-112	0.482 / 0.492	12.243 / 12.497	.100 / .106	2.540 / 2.692	.079	0.036
	AS5728-113	0.542 / 0.556	13.767 / 14.122	.100 / .106	2.540 / 2.692	.088	0.040
	AS5728-114	0.603 / 0.621	15.316 / 15.773	.100 / .106	2.540 / 2.692	.096	0.043
	AS5728-115	0.665 / 0.683	16.891 / 17.348	.100 / .106	2.540 / 2.692	.104	0.047
	AS5728-116	0.728 / 0.746	18.491 / 18.948	.100 / .106	2.540 / 2.692	.113	0.051
	AS5728-117	0.789 / 0.809	20.041 / 20.549	.100 / .106	2.540 / 2.692	.121	0.054
	AS5728-118	0.852 / 0.872	21.641 / 22.149	.100 / .106	2.540 / 2.692	.129	0.058
	AS5728-119	0.914 / 0.934	23.216 / 23.724	.100 / .106	2.540 / 2.692	.137	0.062
	AS5728-120	0.977 / 0.997	24.816 / 25.324	.100 / .106	2.540 / 2.692	.146	0.067



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
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TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
(a)	AS5728-121	1.039 / 1.059	26.391 / 26.899	.100 / .106	2.540 / 2.692	.154	0.070
	AS5728-122	1.102 / 1.122	27.991 / 28.499	.100 / .106	2.540 / 2.692	.162	0.074
	AS5728-123	1.162 / 1.186	29.515 / 30.124	.100 / .106	2.540 / 2.692	.171	0.078
	AS5728-124	1.225 / 1.249	31.115 / 31.725	.100 / .106	2.540 / 2.692	.179	0.081
	AS5728-125	1.287 / 1.311	32.690 / 33.299	.100 / .106	2.540 / 2.692	.187	0.085
	AS5728-126	1.350 / 1.374	34.290 / 34.900	.100 / .106	2.540 / 2.692	.196	0.089
	AS5728-127	1.412 / 1.436	35.865 / 36.474	.100 / .106	2.540 / 2.692	.204	0.092
	AS5728-128	1.475 / 1.499	37.465 / 38.075	.100 / .106	2.540 / 2.692	.212	0.097
	AS5728-129	1.534 / 1.564	38.964 / 39.726	.100 / .106	2.540 / 2.692	.221	0.101
	AS5728-130	1.597 / 1.627	40.564 / 41.326	.100 / .106	2.540 / 2.692	.230	0.104
	AS5728-131	1.659 / 1.689	42.139 / 42.901	.100 / .106	2.540 / 2.692	.238	0.108
	AS5728-132	1.722 / 1.752	43.739 / 44.501	.100 / .106	2.540 / 2.692	.246	0.112
	AS5728-133	1.784 / 1.814	45.314 / 46.076	.100 / .106	2.540 / 2.692	.255	0.115
	AS5728-134	1.847 / 1.877	46.914 / 47.676	.100 / .106	2.540 / 2.692	.263	0.119
	AS5728-135	1.908 / 1.942	48.463 / 49.327	.100 / .106	2.540 / 2.692	.271	0.123
	AS5728-136	1.970 / 2.004	50.038 / 50.902	.100 / .106	2.540 / 2.692	.280	0.127
	AS5728-137	2.033 / 2.067	51.638 / 52.502	.100 / .106	2.540 / 2.692	.288	0.131
	AS5728-138	2.095 / 2.129	53.213 / 54.077	.100 / .106	2.540 / 2.692	.296	0.135
	AS5728-139	2.158 / 2.192	54.813 / 55.677	.100 / .106	2.540 / 2.692	.305	0.138
	AS5728-140	2.220 / 2.254	56.388 / 57.252	.100 / .106	2.540 / 2.692	.313	0.142
	AS5728-141	2.280 / 2.320	57.912 / 58.928	.100 / .106	2.540 / 2.692	.321	0.146
	AS5728-142	2.342 / 2.382	59.487 / 60.503	.100 / .106	2.540 / 2.692	.330	0.149
	AS5728-143	2.405 / 2.445	61.087 / 62.103	.100 / .106	2.540 / 2.692	.338	0.153
	AS5728-144	2.467 / 2.507	62.662 / 63.678	.100 / .106	2.540 / 2.692	.346	0.157
	AS5728-145	2.530 / 2.570	64.262 / 65.278	.100 / .106	2.540 / 2.692	.355	0.161
	AS5728-146	2.592 / 2.632	65.837 / 66.853	.100 / .106	2.540 / 2.692	.363	0.165
	AS5728-147	2.653 / 2.697	67.386 / 68.504	.100 / .106	2.540 / 2.692	.371	0.169
	AS5728-148	2.715 / 2.759	68.961 / 70.079	.100 / .106	2.540 / 2.692	.380	0.172
	AS5728-149	2.778 / 2.822	70.561 / 71.679	.100 / .106	2.540 / 2.692	.388	0.176
	AS5728-150	2.840 / 2.884	72.136 / 73.254	.100 / .106	2.540 / 2.692	.397	0.180
(b)							
	AS5728-151	2.963 / 3.011	75.260 / 76.479	.100 / .106	2.540 / 2.692	.414	0.187
	AS5728-152	3.213 / 3.261	81.610 / 82.829	.100 / .106	2.540 / 2.692	.447	0.203
	AS5728-153	3.463 / 3.511	87.960 / 89.179	.100 / .106	2.540 / 2.692	.480	0.218
	AS5728-154	3.709 / 3.765	94.209 / 95.631	.100 / .106	2.540 / 2.692	.513	0.233
	AS5728-155	3.959 / 4.015	100.559 / 101.981	.100 / .106	2.540 / 2.692	.547	0.248
	AS5728-156	4.207 / 4.267	106.858 / 108.382	.100 / .106	2.540 / 2.692	.581	0.264
	AS5728-157	4.457 / 4.517	113.208 / 114.732	.100 / .106	2.540 / 2.692	.614	0.278
	AS5728-158	4.707 / 4.767	119.558 / 121.082	.100 / .106	2.540 / 2.692	.647	0.294
	AS5728-159	4.952 / 5.022	125.781 / 127.559	.100 / .106	2.540 / 2.692	.680	0.309
	AS5728-160	5.202 / 5.272	132.131 / 133.909	.100 / .106	2.540 / 2.692	.714	0.324
	AS5728-161	5.452 / 5.522	138.481 / 140.259	.100 / .106	2.540 / 2.692	.748	0.339
	AS5728-162	5.702 / 5.772	144.831 / 146.609	.100 / .106	2.540 / 2.692	.781	0.354
	AS5728-163	5.952 / 6.022	151.181 / 152.959	.100 / .106	2.540 / 2.692	.814	0.370
	AS5728-164	6.197 / 6.277	157.404 / 159.436	.100 / .106	2.540 / 2.692	.848	0.384
	AS5728-165	6.447 / 6.527	163.754 / 165.786	.100 / .106	2.540 / 2.692	.882	0.400
	AS5728-166	6.697 / 6.777	170.104 / 172.136	.100 / .106	2.540 / 2.692	.915	0.415
	AS5728-167	6.947 / 7.027	176.454 / 178.486	.100 / .106	2.540 / 2.692	.948	0.430
	AS5728-168	7.192 / 7.282	182.677 / 184.963	.100 / .106	2.540 / 2.692	.981	0.445
	AS5728-169	7.442 / 7.532	189.027 / 191.313	.100 / .106	2.540 / 2.692	1.015	0.461
	AS5728-170	7.692 / 7.782	195.377 / 197.663	.100 / .106	2.540 / 2.692	1.049	0.475



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIAL

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TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
(b)	AS5728-171	7.942 / 8.032	201.727 / 204.013	.100 / .106	2.540 / 2.692	1.082	0.491
	AS5728-172	8.187 / 8.287	207.950 / 210.490	.100 / .106	2.540 / 2.692	1.115	0.506
	AS5728-173	8.437 / 8.537	214.300 / 216.840	.100 / .106	2.540 / 2.692	1.149	0.521
	AS5728-174	8.687 / 8.787	220.650 / 223.190	.100 / .106	2.540 / 2.692	1.182	0.536
	AS5728-175	8.937 / 9.037	227.000 / 229.540	.100 / .106	2.540 / 2.692	1.216	0.551
	AS5728-176	9.182 / 9.292	233.223 / 236.017	.100 / .106	2.540 / 2.692	1.249	0.567
	AS5728-177	9.432 / 9.542	239.573 / 242.367	.100 / .106	2.540 / 2.692	1.283	0.581
	AS5728-178	9.682 / 9.792	245.923 / 248.717	.100 / .106	2.540 / 2.692	1.316	0.597
(a)	AS5728-201	.166 / .176	4.216 / 4.470	.135 / .143	3.429 / 3.632	.075	0.034
	AS5728-202	.229 / .239	5.817 / 6.071	.135 / .143	3.429 / 3.632	.091	0.041
	AS5728-203	.291 / .301	7.391 / 7.645	.135 / .143	3.429 / 3.632	.106	0.048
	AS5728-204	.354 / .364	8.992 / 9.246	.135 / .143	3.429 / 3.632	.122	0.055
	AS5728-205	.416 / .426	10.566 / 10.820	.135 / .143	3.429 / 3.632	.136	0.062
	AS5728-206	.479 / .489	12.167 / 12.421	.135 / .143	3.429 / 3.632	.152	0.062
	AS5728-207	.539 / .553	13.691 / 14.046	.135 / .143	3.429 / 3.632	.167	0.075
	AS5728-208	.600 / .618	15.240 / 15.697	.135 / .143	3.429 / 3.632	.182	0.083
	AS5728-209	.662 / .680	16.815 / 17.272	.135 / .143	3.429 / 3.632	.197	0.089
	AS5728-210	.724 / .744	18.390 / 18.898	.135 / .143	3.429 / 3.632	.212	0.097
	AS5728-211	.786 / .806	19.964 / 20.472	.135 / .143	3.429 / 3.632	.228	0.103
	AS5728-212	.849 / .869	21.565 / 22.073	.135 / .143	3.429 / 3.632	.243	0.110
	AS5728-213	.911 / .931	23.139 / 23.647	.135 / .143	3.429 / 3.632	.258	0.117
	AS5728-214	.974 / .994	24.740 / 25.248	.135 / .143	3.429 / 3.632	.273	0.124
	AS5728-215	1.036 / 1.056	26.314 / 26.822	.135 / .143	3.429 / 3.632	.289	0.131
	AS5728-216	1.097 / 1.121	27.864 / 28.473	.135 / .143	3.429 / 3.632	.304	0.138
	AS5728-217	1.159 / 1.183	29.439 / 30.048	.135 / .143	3.429 / 3.632	.319	0.144
	AS5728-218	1.222 / 1.246	31.039 / 31.648	.135 / .143	3.429 / 3.632	.334	0.152
	AS5728-219	1.284 / 1.308	32.614 / 33.223	.135 / .143	3.429 / 3.632	.350	0.158
	AS5728-220	1.347 / 1.371	34.214 / 34.823	.135 / .143	3.429 / 3.632	.365	0.165
	AS5728-221	1.409 / 1.433	35.789 / 36.398	.135 / .143	3.429 / 3.632	.380	0.173
	AS5728-222	1.469 / 1.499	37.313 / 38.075	.135 / .143	3.429 / 3.632	.395	0.179
	AS5728-223	1.594 / 1.624	40.488 / 41.250	.135 / .143	3.429 / 3.632	.426	0.193
	AS5728-224	1.719 / 1.749	43.663 / 44.425	.135 / .143	3.429 / 3.632	.457	0.207
	AS5728-225	1.841 / 1.877	46.761 / 47.676	.135 / .143	3.429 / 3.632	.487	0.221
	AS5728-226	1.966 / 2.002	49.936 / 50.851	.135 / .143	3.429 / 3.632	.517	0.234
	AS5728-227	2.091 / 2.127	53.111 / 54.026	.135 / .143	3.429 / 3.632	.547	0.248
	AS5728-228	2.214 / 2.254	56.236 / 57.252	.135 / .143	3.429 / 3.632	.578	0.262
	AS5728-229	2.339 / 2.379	59.411 / 60.427	.135 / .143	3.429 / 3.632	.608	0.276
	AS5728-230	2.464 / 2.504	62.586 / 63.602	.135 / .143	3.429 / 3.632	.639	0.290
	AS5728-231	2.589 / 2.629	65.761 / 66.777	.135 / .143	3.429 / 3.632	.669	0.303
	AS5728-232	2.710 / 2.758	68.834 / 70.053	.135 / .143	3.429 / 3.632	.700	0.317
	AS5728-233	2.835 / 2.883	72.009 / 73.228	.135 / .143	3.429 / 3.632	.730	0.331
	AS5728-234	2.960 / 3.008	75.184 / 76.403	.135 / .143	3.429 / 3.632	.761	0.345
	AS5728-235	3.085 / 3.133	78.359 / 79.578	.135 / .143	3.429 / 3.632	.792	0.358
	AS5728-236	3.210 / 3.258	81.534 / 82.753	.135 / .143	3.429 / 3.632	.822	0.373
	AS5728-237	3.335 / 3.383	84.709 / 85.928	.135 / .143	3.429 / 3.632	.852	0.387
	AS5728-238	3.460 / 3.508	87.884 / 89.103	.135 / .143	3.429 / 3.632	.882	0.401
	AS5728-239	3.581 / 3.637	90.957 / 92.380	.135 / .143	3.429 / 3.632	.913	0.414
	AS5728-240	3.706 / 3.762	94.132 / 95.555	.135 / .143	3.429 / 3.632	.943	0.428



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
SHEET 4 OF 11REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
(a)	AS5728-241	3.831 / 3.887	97.307 / 98.730	.135 / .143	3.429 / 3.632	.974	0.442
	AS5728-242	3.956 / 4.012	100.482 / 101.905	.135 / .143	3.429 / 3.632	1.004	0.456
	AS5728-243	4.081 / 4.137	103.657 / 105.080	.135 / .143	3.429 / 3.632	1.035	0.470
	AS5728-244	4.204 / 4.264	106.782 / 108.306	.135 / .143	3.429 / 3.632	1.065	0.483
	AS5728-245	4.329 / 4.389	109.957 / 111.481	.135 / .143	3.429 / 3.632	1.096	0.497
(b)	AS5728-246	4.454 / 4.514	113.132 / 114.656	.135 / .143	3.429 / 3.632	1.126	0.511
	AS5728-247	4.579 / 4.639	116.307 / 117.831	.135 / .143	3.429 / 3.632	1.156	0.525
	AS5728-248	4.704 / 4.764	119.482 / 121.006	.135 / .143	3.429 / 3.632	1.187	0.539
	AS5728-249	4.824 / 4.894	122.530 / 124.308	.135 / .143	3.429 / 3.632	1.217	0.552
	AS5728-250	4.949 / 5.019	125.705 / 127.483	.135 / .143	3.429 / 3.632	1.248	0.566
	AS5728-251	5.074 / 5.144	128.880 / 130.658	.135 / .143	3.429 / 3.632	1.278	0.580
	AS5728-252	5.199 / 5.269	132.055 / 133.833	.135 / .143	3.429 / 3.632	1.309	0.594
	AS5728-253	5.324 / 5.394	135.230 / 137.008	.135 / .143	3.429 / 3.632	1.339	0.607
	AS5728-254	5.449 / 5.519	138.405 / 140.183	.135 / .143	3.429 / 3.632	1.370	0.621
	AS5728-255	5.574 / 5.644	141.580 / 143.358	.135 / .143	3.429 / 3.632	1.400	0.635
	AS5728-256	5.699 / 5.769	144.755 / 146.533	.135 / .143	3.429 / 3.632	1.431	0.649
	AS5728-257	5.824 / 5.894	147.930 / 149.708	.135 / .143	3.429 / 3.632	1.461	0.663
	AS5728-258	5.949 / 6.019	151.105 / 152.883	.135 / .143	3.429 / 3.632	1.491	0.676
	AS5728-259	6.194 / 6.274	157.328 / 159.360	.135 / .143	3.429 / 3.632	1.552	0.704
	AS5728-260	6.444 / 6.524	163.678 / 165.710	.135 / .143	3.429 / 3.632	1.613	0.732
	AS5728-261	6.694 / 6.774	170.028 / 172.060	.135 / .143	3.429 / 3.632	1.674	0.759
	AS5728-262	6.944 / 7.024	176.378 / 178.410	.135 / .143	3.429 / 3.632	1.735	0.787
	AS5728-263	7.189 / 7.279	182.601 / 184.887	.135 / .143	3.429 / 3.632	1.796	0.814
	AS5728-264	7.439 / 7.529	188.951 / 191.237	.135 / .143	3.429 / 3.632	1.856	0.843
	AS5728-265	7.689 / 7.779	195.301 / 197.587	.135 / .143	3.429 / 3.632	1.918	0.870
	AS5728-266	7.939 / 8.029	201.651 / 203.937	.135 / .143	3.429 / 3.632	1.979	0.898
	AS5728-267	8.184 / 8.284	207.874 / 210.414	.135 / .143	3.429 / 3.632	2.040	0.925
	AS5728-268	8.434 / 8.534	214.224 / 216.764	.135 / .143	3.429 / 3.632	2.100	0.953
	AS5728-269	8.684 / 8.784	220.574 / 223.114	.135 / .143	3.429 / 3.632	2.161	0.980
	AS5728-270	8.934 / 9.034	226.924 / 229.464	.135 / .143	3.429 / 3.632	2.222	1.008
	AS5728-271	9.179 / 9.289	233.147 / 235.941	.135 / .143	3.429 / 3.632	2.283	1.036
	AS5728-272	9.429 / 9.539	239.497 / 242.291	.135 / .143	3.429 / 3.632	2.344	1.063
	AS5728-273	9.679 / 9.789	245.847 / 248.641	.135 / .143	3.429 / 3.632	2.405	1.091
	AS5728-274	9.929 / 10.039	252.197 / 254.991	.135 / .143	3.429 / 3.632	2.465	1.118
	AS5728-275	10.429 / 10.539	264.897 / 267.691	.135 / .143	3.429 / 3.632	2.587	1.174
	AS5728-276	10.919 / 11.049	277.343 / 280.645	.135 / .143	3.429 / 3.632	2.710	1.229
	AS5728-277	11.419 / 11.549	290.043 / 293.345	.135 / .143	3.429 / 3.632	2.831	1.284
	AS5728-278	11.919 / 12.049	302.743 / 306.045	.135 / .143	3.429 / 3.632	2.953	1.340
	AS5728-279	12.419 / 13.049	328.143 / 331.445	.135 / .143	3.429 / 3.632	3.196	1.450
	AS5728-280	13.919 / 14.049	353.543 / 356.845	.135 / .143	3.429 / 3.632	3.440	1.560
	AS5728-281	14.919 / 15.049	378.943 / 382.245	.135 / .143	3.429 / 3.632	3.684	1.671
	AS5728-282	15.880 / 16.030	403.352 / 407.162	.135 / .143	3.429 / 3.632	3.920	1.779
	AS5728-283	16.875 / 17.035	428.625 / 432.689	.135 / .143	3.429 / 3.632	4.164	1.889
	AS5728-284	17.870 / 18.040	453.898 / 458.216	.135 / .143	3.429 / 3.632	4.407	1.999
	AS5728-309	.407 / .417	10.338 / 10.592	.205 / .215	5.207 / 5.461	.345	0.157
	AS5728-310	.470 / .480	11.938 / 12.192	.205 / .215	5.207 / 5.461	.381	0.173
	AS5728-311	.530 / .544	13.462 / 13.818	.205 / .215	5.207 / 5.461	.415	0.188
	AS5728-312	.591 / .609	15.011 / 15.469	.205 / .215	5.207 / 5.461	.450	0.204
	AS5728-313	.653 / .671	16.586 / 17.043	.205 / .215	5.207 / 5.461	.485	0.220
	AS5728-314	.715 / .735	18.161 / 18.669	.205 / .215	5.207 / 5.461	.520	0.236
	AS5728-315	.777 / .797	19.736 / 20.244	.205 / .215	5.207 / 5.461	.554	0.251



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
SHEET 5 OF 11REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
	AS5728-316	.840 / .860	21.336 / 21.844	.205 / .215	5.207 / 5.461	.590	0.268
	AS5728-317	.902 / .922	22.911 / 23.419	.205 / .215	5.207 / 5.461	.624	0.283
	AS5728-318	.965 / .985	24.511 / 25.019	.205 / .215	5.207 / 5.461	.659	0.298
	AS5728-319	1.027 / 1.047	26.086 / 26.594	.205 / .215	5.207 / 5.461	.693	0.315
	AS5728-320	1.088 / 1.112	27.635 / 28.245	.205 / .215	5.207 / 5.461	.728	0.330
	AS5728-321	1.150 / 1.174	29.210 / 29.820	.205 / .215	5.207 / 5.461	.763	0.346
	AS5728-322	1.213 / 1.237	30.810 / 31.420	.205 / .215	5.207 / 5.461	.798	0.362
	AS5728-323	1.275 / 1.299	32.385 / 32.995	.205 / .215	5.207 / 5.461	.832	0.377
	AS5728-324	1.338 / 1.362	33.985 / 34.595	.205 / .215	5.207 / 5.461	.867	0.393
	AS5728-325	1.460 / 1.490	37.084 / 37.846	.205 / .215	5.207 / 5.461	.937	0.425
	AS5728-326	1.585 / 1.615	40.259 / 41.021	.205 / .215	5.207 / 5.461	1.006	0.457
	AS5728-327	1.710 / 1.740	43.434 / 44.196	.205 / .215	5.207 / 5.461	1.075	0.488
	AS5728-328	1.835 / 1.865	46.609 / 47.371	.205 / .215	5.207 / 5.461	1.145	0.520
	AS5728-329	1.957 / 1.993	49.708 / 50.622	.205 / .215	5.207 / 5.461	1.215	0.551
	AS5728-330	2.082 / 2.118	52.883 / 53.797	.205 / .215	5.207 / 5.461	1.285	0.582
	AS5728-331	2.207 / 2.243	56.058 / 56.972	.205 / .215	5.207 / 5.461	1.354	0.614
	AS5728-332	2.332 / 2.368	59.233 / 60.147	.205 / .215	5.207 / 5.461	1.423	0.646
	AS5728-333	2.455 / 2.495	62.357 / 63.373	.205 / .215	5.207 / 5.461	1.493	0.677
	AS5728-334	2.580 / 2.620	65.532 / 66.548	.205 / .215	5.207 / 5.461	1.562	0.709
	AS5728-335	2.705 / 2.745	68.707 / 69.723	.205 / .215	5.207 / 5.461	1.632	0.740
	AS5728-336	2.830 / 2.870	71.882 / 72.898	.205 / .215	5.207 / 5.461	1.701	0.772
	AS5728-337	2.951 / 2.999	74.955 / 76.175	.205 / .215	5.207 / 5.461	1.770	0.803
	AS5728-338	3.076 / 3.124	78.130 / 79.350	.205 / .215	5.207 / 5.461	1.840	0.835
	AS5728-339	3.201 / 3.249	81.305 / 82.525	.205 / .215	5.207 / 5.461	1.910	0.866
	AS5728-340	3.326 / 3.374	84.480 / 85.700	.205 / .215	5.207 / 5.461	1.979	0.898
	AS5728-341	3.451 / 3.499	87.655 / 88.875	.205 / .215	5.207 / 5.461	2.049	0.929
	AS5728-342	3.572 / 3.628	90.729 / 92.151	.205 / .215	5.207 / 5.461	2.118	0.961
	AS5728-343	3.697 / 3.753	93.904 / 95.326	.205 / .215	5.207 / 5.461	2.188	0.993
	AS5728-344	3.822 / 3.878	97.079 / 98.501	.205 / .215	5.207 / 5.461	2.257	1.023
	AS5728-345	3.947 / 4.003	100.254 / 101.676	.205 / .215	5.207 / 5.461	2.327	1.055
	AS5728-346	4.072 / 4.128	103.429 / 104.851	.205 / .215	5.207 / 5.461	2.397	1.087
	AS5728-347	4.195 / 4.255	106.553 / 108.077	.205 / .215	5.207 / 5.461	2.465	1.118
	AS5728-348	4.320 / 4.380	109.728 / 111.252	.205 / .215	5.207 / 5.461	2.535	1.150
	AS5728-349	4.445 / 4.505	112.903 / 114.427	.205 / .215	5.207 / 5.461	2.605	1.182
	AS5728-350	4.570 / 4.630	116.078 / 117.602	.205 / .215	5.207 / 5.461	2.674	1.213
	AS5728-351	4.695 / 4.755	119.253 / 120.777	.205 / .215	5.207 / 5.461	2.744	1.245
	AS5728-352	4.820 / 4.880	122.428 / 123.952	.205 / .215	5.207 / 5.461	2.813	1.276
	AS5728-353	4.938 / 5.012	125.425 / 127.305	.205 / .215	5.207 / 5.461	2.882	1.307
	AS5728-354	5.063 / 5.137	128.600 / 130.480	.205 / .215	5.207 / 5.461	2.952	1.339
	AS5728-355	5.188 / 5.262	131.775 / 133.655	.205 / .215	5.207 / 5.461	3.022	1.371
	AS5728-356	5.313 / 5.387	134.950 / 136.830	.205 / .215	5.207 / 5.461	3.091	1.402
	AS5728-357	5.438 / 5.512	138.125 / 140.005	.205 / .215	5.207 / 5.461	3.160	1.434
	AS5728-358	5.563 / 5.637	141.300 / 143.180	.205 / .215	5.207 / 5.461	3.230	1.465
	AS5728-359	5.688 / 5.762	144.475 / 146.355	.205 / .215	5.207 / 5.461	3.300	1.496
(b)	AS5728-360	5.813 / 5.887	147.650 / 149.530	.205 / .215	5.207 / 5.461	3.369	1.528
	AS5728-361	5.938 / 6.012	150.825 / 152.705	.205 / .215	5.207 / 5.461	3.439	1.560
	AS5728-362	6.185 / 6.265	157.099 / 159.131	.205 / .215	5.207 / 5.461	3.577	1.623
	AS5728-363	6.435 / 6.515	163.449 / 165.481	.205 / .215	5.207 / 5.461	3.717	1.686
	AS5728-364	6.685 / 6.765	169.799 / 171.831	.205 / .215	5.207 / 5.461	3.855	1.749
	AS5728-365	6.935 / 7.015	176.149 / 178.181	.205 / .215	5.207 / 5.461	3.994	1.812



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
SHEET 6 OF 11REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
(b)	AS5728-366	7.180 / 7.270	182.372 / 184.658	.205 / .215	5.207 / 5.461	4.134	1.875
	AS5728-367	7.430 / 7.520	188.722 / 191.008	.205 / .215	5.207 / 5.461	4.272	1.938
	AS5728-368	7.680 / 7.770	195.072 / 197.358	.205 / .215	5.207 / 5.461	4.412	2.001
	AS5728-369	7.930 / 8.020	201.422 / 203.708	.205 / .215	5.207 / 5.461	4.551	2.064
	AS5728-370	8.175 / 8.275	207.645 / 210.185	.205 / .215	5.207 / 5.461	4.689	2.127
	AS5728-371	8.425 / 8.525	213.995 / 216.535	.205 / .215	5.207 / 5.461	4.829	2.191
	AS5728-372	8.675 / 8.775	220.345 / 222.885	.205 / .215	5.207 / 5.461	4.967	2.253
	AS5728-373	8.925 / 9.025	226.695 / 229.235	.205 / .215	5.207 / 5.461	5.107	2.316
	AS5728-374	9.170 / 9.280	232.918 / 235.712	.205 / .215	5.207 / 5.461	5.246	2.379
	AS5728-375	9.420 / 9.530	239.268 / 242.062	.205 / .215	5.207 / 5.461	5.384	2.443
	AS5728-376	9.670 / 9.780	245.618 / 248.412	.205 / .215	5.207 / 5.461	5.524	2.505
	AS5728-377	9.920 / 10.030	251.968 / 254.762	.205 / .215	5.207 / 5.461	5.662	2.568
	AS5728-378	10.415 / 10.535	264.541 / 267.589	.205 / .215	5.207 / 5.461	5.941	2.695
	AS5728-379	10.915 / 11.035	277.241 / 280.289	.205 / .215	5.207 / 5.461	6.219	2.821
	AS5728-380	11.410 / 11.540	289.814 / 293.116	.205 / .215	5.207 / 5.461	6.496	2.946
	AS5728-381	11.910 / 12.040	302.514 / 305.816	.205 / .215	5.207 / 5.461	6.774	3.073
	AS5728-382	12.910 / 13.040	327.914 / 331.216	.205 / .215	5.207 / 5.461	7.331	3.325
	AS5728-383	13.905 / 14.045	353.187 / 356.743	.205 / .215	5.207 / 5.461	7.886	3.577
	AS5728-384	14.905 / 15.045	378.587 / 382.143	.205 / .215	5.207 / 5.461	8.443	3.830
	AS5728-385	15.880 / 16.030	403.352 / 407.162	.205 / .215	5.207 / 5.461	8.987	4.077
	AS5728-386	16.875 / 17.035	428.625 / 432.689	.205 / .215	5.207 / 5.461	9.543	4.328
	AS5728-387	17.870 / 18.040	453.898 / 458.216	.205 / .215	5.207 / 5.461	10.099	4.581
	AS5728-388	18.865 / 19.045	479.171 / 483.743	.205 / .215	5.207 / 5.461	10.655	4.833
	AS5728-389	19.860 / 20.050	504.444 / 509.270	.205 / .215	5.207 / 5.461	11.211	5.085
	AS5728-390	20.860 / 21.050	529.844 / 534.670	.205 / .215	5.207 / 5.461	11.767	5.337
	AS5728-391	21.855 / 22.055	555.117 / 560.197	.205 / .215	5.207 / 5.461	12.323	5.589
	AS5728-392	22.835 / 23.045	580.009 / 585.343	.205 / .215	5.207 / 5.461	12.871	5.838
	AS5728-393	23.830 / 24.050	605.282 / 610.870	.205 / .215	5.207 / 5.461	13.426	6.090
	AS5728-394	24.825 / 25.055	630.555 / 636.397	.205 / .215	5.207 / 5.461	13.982	6.342
	AS5728-395	25.820 / 26.060	655.828 / 661.924	.205 / .215	5.207 / 5.461	14.538	6.594
	AS5728-425	4.442 / 4.508	112.827 / 114.503	.269 / .281	6.833 / 7.137	4.529	2.054
	AS5728-426	4.567 / 4.633	116.002 / 117.678	.269 / .281	6.833 / 7.137	4.648	2.109
	AS5728-427	4.692 / 4.758	119.177 / 120.853	.269 / .281	6.833 / 7.137	4.767	2.162
	AS5728-428	4.817 / 4.883	122.352 / 124.028	.269 / .281	6.833 / 7.137	4.886	2.216
	AS5728-429	4.938 / 5.012	125.425 / 127.305	.269 / .281	6.833 / 7.137	5.005	2.270
	AS5728-430	5.063 / 5.137	128.600 / 130.480	.269 / .281	6.833 / 7.137	5.125	2.324
	AS5728-431	5.188 / 5.262	131.775 / 133.655	.269 / .281	6.833 / 7.137	5.244	2.379
	AS5728-432	5.313 / 5.387	134.950 / 136.830	.269 / .281	6.833 / 7.137	5.363	2.432
	AS5728-433	5.438 / 5.512	138.125 / 140.005	.269 / .281	6.833 / 7.137	5.482	2.487
	AS5728-434	5.563 / 5.637	141.300 / 143.180	.269 / .281	6.833 / 7.137	5.601	2.541
	AS5728-435	5.688 / 5.762	144.475 / 146.355	.269 / .281	6.833 / 7.137	5.720	2.594
	AS5728-436	5.813 / 5.887	147.650 / 149.530	.269 / .281	6.833 / 7.137	5.839	2.649
	AS5728-437	5.938 / 6.012	150.825 / 152.705	.269 / .281	6.833 / 7.137	5.958	2.703
	AS5728-438	6.185 / 6.265	157.099 / 159.131	.269 / .281	6.833 / 7.137	6.197	2.811
	AS5728-439	6.435 / 6.515	163.449 / 165.481	.269 / .281	6.833 / 7.137	6.435	2.919
	AS5728-440	6.685 / 6.765	169.799 / 171.831	.269 / .281	6.833 / 7.137	6.674	3.027



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
SHEET 7 OF 11REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

	PART NUMBER	ØD INCH	ØD (MM)	ØW INCH	ØW (MM)	APPROX MASS	
						LB/100	(KG/100)
	AS5728-441	6.935 / 7.015	176.149 / 178.181	.269 / .281	6.833 / 7.137	6.912	3.135
	AS5728-442	7.180 / 7.270	182.372 / 184.658	.269 / .281	6.833 / 7.137	7.151	2.243
	AS5728-443	7.430 / 7.520	188.722 / 191.008	.269 / .281	6.833 / 7.137	7.389	3.352
	AS5728-444	7.680 / 7.770	195.072 / 197.358	.269 / .281	6.833 / 7.137	7.627	3.460
	AS5728-445	7.930 / 8.020	201.422 / 203.708	.269 / .281	6.833 / 7.137	7.865	3.568
	AS5728-446	8.420 / 8.530	213.868 / 216.662	.269 / .281	6.833 / 7.137	8.342	3.784
	AS5728-447	8.920 / 9.030	226.568 / 229.362	.269 / .281	6.833 / 7.137	8.819	4.000
	AS5728-448	9.420 / 9.530	239.268 / 242.062	.269 / .281	6.833 / 7.137	9.296	4.216
	AS5728-449	9.920 / 10.030	251.968 / 254.762	.269 / .281	6.833 / 7.137	9.977	4.433
	AS5728-450	10.415 / 10.535	264.541 / 267.589	.269 / .281	6.833 / 7.137	10.249	4.649
	AS5728-451	10.915 / 11.035	277.241 / 280.289	.269 / .281	6.833 / 7.137	10.725	4.865
	AS5728-452	11.415 / 11.535	289.941 / 292.989	.269 / .281	6.833 / 7.137	11.202	5.082
	AS5728-453	11.915 / 12.035	302.641 / 305.689	.269 / .281	6.833 / 7.137	11.679	5.297
	AS5728-454	12.415 / 12.535	315.341 / 318.389	.269 / .281	6.833 / 7.137	12.155	5.514
	AS5728-455	12.915 / 13.035	328.041 / 331.089	.269 / .281	6.833 / 7.137	12.632	5.730
	AS5728-456	13.405 / 13.545	340.487 / 344.043	.269 / .281	6.833 / 7.137	13.109	5.946
	AS5728-457	13.905 / 14.045	353.187 / 356.743	.269 / .281	6.833 / 7.137	13.586	6.163
	AS5728-458	14.405 / 14.545	365.887 / 369.443	.269 / .281	6.833 / 7.137	14.063	6.379
	AS5728-459	14.905 / 15.045	378.587 / 382.143	.269 / .281	6.833 / 7.137	14.539	6.595
	AS5728-460	15.405 / 15.545	391.287 / 394.843	.269 / .281	6.833 / 7.137	15.016	6.811
(b)	AS5728-461	15.880 / 16.030	403.352 / 407.162	.269 / .281	6.833 / 7.137	15.473	7.018
	AS5728-462	16.380 / 16.530	416.052 / 419.862	.269 / .281	6.833 / 7.137	15.950	7.235
	AS5728-463	16.875 / 17.035	428.625 / 432.689	.269 / .281	6.833 / 7.137	16.427	7.451
	AS5728-464	17.370 / 17.540	441.198 / 445.516	.269 / .281	6.833 / 7.137	16.904	7.667
	AS5728-465	17.870 / 18.040	453.898 / 458.216	.269 / .281	6.833 / 7.137	17.381	7.884
	AS5728-466	18.370 / 18.540	466.598 / 470.916	.269 / .281	6.833 / 7.137	17.857	8.100
	AS5728-467	18.865 / 19.045	479.171 / 483.743	.269 / .281	6.833 / 7.137	18.333	8.316
	AS5728-468	19.365 / 19.545	491.871 / 496.443	.269 / .281	6.833 / 7.137	18.810	8.533
	AS5728-469	19.860 / 20.050	504.444 / 509.270	.269 / .281	6.833 / 7.137	19.287	8.748
	AS5728-470	20.860 / 21.050	529.844 / 534.670	.269 / .281	6.833 / 7.137	20.240	9.181
	AS5728-471	21.855 / 22.055	555.117 / 560.197	.269 / .281	6.833 / 7.137	21.194	9.614
	AS5728-472	22.835 / 23.045	580.009 / 585.343	.269 / .281	6.833 / 7.137	22.133	10.039
	AS5728-473	23.830 / 24.050	605.282 / 610.870	.269 / .281	6.833 / 7.137	23.086	10.472
	AS5728-474	24.825 / 25.055	630.555 / 636.397	.269 / .281	6.833 / 7.137	24.040	10.905
	AS5728-475	25.820 / 26.060	655.828 / 661.924	.269 / .281	6.833 / 7.137	24.993	11.337



AEROSPACE STANDARD

(R) O-RING MOLDED FROM
AMS7268 (SILICONE) MATERIALAS5728
SHEET 8 OF 11REV.
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