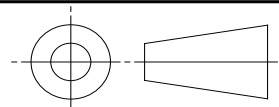


SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

|                                                                                     |         |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |
|-------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| REV.<br>C                                                                           | AS3209™ | FEDERAL SUPPLY CLASS<br>5331                                                                                                                                                                                                                                                                                                                                                                                           |                                  |
|                                                                                     |         | <p>RATIONALE</p> <p>A LIMITED SCOPE REVISION IS REQUIRED TO MAKE THE STABILIZATION NOTICE CLEARER.</p> <p>STABILIZED NOTICE</p> <p>THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE A-6C2 SEALS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.</p> |                                  |
|                                                                                     |         | <p>THIRD ANGLE PROJECTION</p>                                                                                                                                                                                                                                                                                                     |                                  |
| CUSTODIAN: E-25                                                                     |         | PROCUREMENT SPECIFICATION: AMS726                                                                                                                                                                                                                                                                                                                                                                                      |                                  |
|  |         | <p><b>AEROSPACE STANDARD</b></p> <p>PACKING, PREFORMED - AMS726, 'O' RING</p>                                                                                                                                                                                                                                                                                                                                          | <p>AS3209™</p> <p>REV.<br/>C</p> |

SAENORM.COM : Click to view the full PDF of as3209c

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS3209C/>

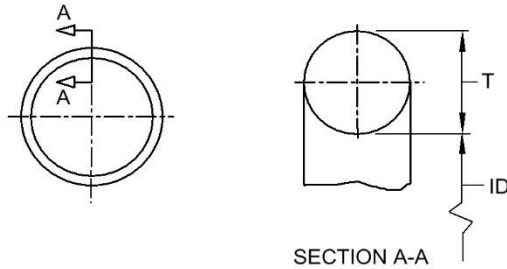


FIGURE 1

TABLE 1

| PART<br>NUMBER | ID    |       | T    |      | APPROX<br>MASS<br>LB/100 |
|----------------|-------|-------|------|------|--------------------------|
|                | MIN   | MAX   | MIN  | MAX  |                          |
| AS3209-001     | .025  | .033  | .037 | .043 | .002                     |
| AS3209-002     | .038  | .046  | .047 | .053 | .004                     |
| AS3209-003     | .052  | .060  | .057 | .063 | .006                     |
| AS3209-004     | .065  | .075  | .067 | .073 | .011                     |
| AS3209-005     | .096  | .106  | .067 | .073 | .013                     |
| AS3209-006     | .109  | .119  | .067 | .073 | .014                     |
| AS3209-007     | .140  | .150  | .067 | .073 | .016                     |
| AS3209-008     | .171  | .181  | .067 | .073 | .019                     |
| AS3209-009     | .203  | .213  | .067 | .073 | .021                     |
| AS3209-010     | .234  | .244  | .067 | .073 | .024                     |
| AS3209-011     | .296  | .306  | .067 | .073 | .028                     |
| AS3209-012     | .359  | .369  | .067 | .073 | .033                     |
| AS3209-013     | .421  | .431  | .067 | .073 | .038                     |
| AS3209-014     | .484  | .494  | .067 | .073 | .043                     |
| AS3209-015     | .544  | .558  | .067 | .073 | .047                     |
| AS3209-016     | .605  | .623  | .067 | .073 | .052                     |
| AS3209-017     | .667  | .685  | .067 | .073 | .057                     |
| AS3209-018     | .730  | .748  | .067 | .073 | .062                     |
| AS3209-019     | .792  | .810  | .067 | .073 | .066                     |
| AS3209-020     | .855  | .873  | .067 | .073 | .071                     |
| AS3209-021     | .917  | .935  | .067 | .073 | .076                     |
| AS3209-022     | .979  | .999  | .067 | .073 | .081                     |
| AS3209-023     | 1.041 | 1.061 | .067 | .073 | .085                     |
| AS3209-024     | 1.104 | 1.124 | .067 | .073 | .090                     |
| AS3209-025     | 1.165 | 1.187 | .067 | .073 | .095                     |
| AS3209-026     | 1.228 | 1.250 | .067 | .073 | .100                     |
| AS3209-027     | 1.290 | 1.312 | .067 | .073 | .104                     |
| AS3209-028     | 1.351 | 1.377 | .067 | .073 | .109                     |
| AS3209-029     | 1.476 | 1.502 | .067 | .073 | .119                     |
| AS3209-030     | 1.601 | 1.627 | .067 | .073 | .128                     |
| AS3209-031     | 1.724 | 1.754 | .067 | .073 | .138                     |
| AS3209-032     | 1.849 | 1.879 | .067 | .073 | .147                     |
| AS3209-033     | 1.971 | 2.007 | .067 | .073 | .157                     |
| AS3209-034     | 2.096 | 2.132 | .067 | .073 | .166                     |
| AS3209-035     | 2.221 | 2.257 | .067 | .073 | .176                     |
| AS3209-036     | 2.346 | 2.382 | .067 | .073 | .185                     |
| AS3209-037     | 2.471 | 2.507 | .067 | .073 | .195                     |
| AS3209-038     | 2.594 | 2.634 | .067 | .073 | .204                     |
| AS3209-039     | 2.719 | 2.759 | .067 | .073 | .214                     |
| AS3209-040     | 2.844 | 2.884 | .067 | .073 | .223                     |
| AS3209-041     | 2.965 | 3.013 | .067 | .073 | .233                     |
| AS3209-042     | 3.215 | 3.263 | .067 | .073 | .252                     |
| AS3209-043     | 3.465 | 3.513 | .067 | .073 | .271                     |
| AS3209-044     | 3.712 | 3.766 | .067 | .073 | .290                     |
| AS3209-045     | 3.962 | 4.016 | .067 | .073 | .309                     |
| AS3209-046     | 4.209 | 4.269 | .067 | .073 | .328                     |
| AS3209-047     | 4.459 | 4.519 | .067 | .073 | .347                     |
| AS3209-048     | 4.709 | 4.769 | .067 | .073 | .366                     |
| AS3209-049     | 4.952 | 5.026 | .067 | .073 | .385                     |
| AS3209-050     | 5.202 | 5.276 | .067 | .073 | .404                     |

TABLE 1 (CONTINUED)

| PART<br>NUMBER | ID    |       | T    |      | APPROX<br>MASS<br>LB/100 | PART<br>NUMBER | ID    |       | T    |      | APPROX<br>MASS<br>LB/100 |
|----------------|-------|-------|------|------|--------------------------|----------------|-------|-------|------|------|--------------------------|
|                | MIN   | MAX   | MIN  | MAX  |                          |                | MIN   | MAX   | MIN  | MAX  |                          |
| AS3209-102     | .044  | .054  | .100 | .106 | .025                     | AS3209-141     | 2.280 | 2.320 | .100 | .106 | .396                     |
| AS3209-103     | .076  | .086  | .100 | .106 | .030                     | AS3209-142     | 2.342 | 2.382 | .100 | .106 | .407                     |
| AS3209-104     | .107  | .117  | .100 | .106 | .035                     | AS3209-143     | 2.405 | 2.445 | .100 | .106 | .417                     |
| AS3209-105     | .138  | .148  | .100 | .106 | .041                     | AS3209-144     | 2.467 | 2.507 | .100 | .106 | .427                     |
| AS3209-106     | .169  | .179  | .100 | .106 | .046                     | AS3209-145     | 2.530 | 2.570 | .100 | .106 | .438                     |
| AS3209-107     | .201  | .211  | .100 | .106 | .051                     | AS3209-146     | 2.592 | 2.632 | .100 | .106 | .448                     |
| AS3209-108     | .232  | .242  | .100 | .106 | .056                     | AS3209-147     | 2.653 | 2.697 | .100 | .106 | .458                     |
| AS3209-109     | .294  | .304  | .100 | .106 | .066                     | AS3209-148     | 2.715 | 2.759 | .100 | .106 | .468                     |
| AS3209-110     | .357  | .367  | .100 | .106 | .077                     | AS3209-149     | 2.778 | 2.822 | .100 | .106 | .479                     |
| AS3209-111     | .419  | .429  | .100 | .106 | .087                     | AS3209-150     | 2.840 | 2.884 | .100 | .106 | .489                     |
| AS3209-112     | .482  | .492  | .100 | .106 | .097                     | AS3209-151     | 2.963 | 3.011 | .100 | .106 | .510                     |
| AS3209-113     | .542  | .556  | .100 | .106 | .108                     | AS3209-152     | 3.213 | 3.261 | .100 | .106 | .551                     |
| AS3209-114     | .603  | .621  | .100 | .106 | .118                     | AS3209-153     | 3.463 | 3.511 | .100 | .106 | .592                     |
| AS3209-115     | .665  | .683  | .100 | .106 | .128                     | AS3209-154     | 3.709 | 3.765 | .100 | .106 | .633                     |
| AS3209-116     | .728  | .746  | .100 | .106 | .139                     | AS3209-155     | 3.959 | 4.015 | .100 | .106 | .674                     |
| AS3209-117     | .789  | .809  | .100 | .106 | .149                     | AS3209-156     | 4.207 | 4.267 | .100 | .106 | .716                     |
| AS3209-118     | .852  | .872  | .100 | .106 | .159                     | AS3209-157     | 4.457 | 4.517 | .100 | .106 | .757                     |
| AS3209-119     | .914  | .934  | .100 | .106 | .169                     | AS3209-158     | 4.707 | 4.767 | .100 | .106 | .798                     |
| AS3209-120     | .977  | .997  | .100 | .106 | .180                     | AS3209-159     | 4.952 | 5.022 | .100 | .106 | .839                     |
| AS3209-121     | 1.039 | 1.059 | .100 | .106 | .190                     | AS3209-160     | 5.202 | 5.272 | .100 | .106 | .881                     |
| AS3209-122     | 1.102 | 1.122 | .100 | .106 | .200                     | AS3209-161     | 5.452 | 5.522 | .100 | .106 | .922                     |
| AS3209-123     | 1.162 | 1.186 | .100 | .106 | .211                     | AS3209-162     | 5.702 | 5.772 | .100 | .106 | .963                     |
| AS3209-124     | 1.225 | 1.249 | .100 | .106 | .221                     | AS3209-163     | 5.952 | 6.022 | .100 | .106 | 1.004                    |
| AS3209-125     | 1.287 | 1.311 | .100 | .106 | .231                     | AS3209-164     | 6.197 | 6.277 | .100 | .106 | 1.046                    |
| AS3209-126     | 1.350 | 1.374 | .100 | .106 | .242                     | AS3209-165     | 6.447 | 6.527 | .100 | .106 | 1.087                    |
| AS3209-127     | 1.412 | 1.436 | .100 | .106 | .252                     | AS3209-166     | 6.697 | 6.777 | .100 | .106 | 1.128                    |
| AS3209-128     | 1.475 | 1.499 | .100 | .106 | .262                     | AS3209-167     | 6.947 | 7.027 | .100 | .106 | 1.169                    |
| AS3209-129     | 1.534 | 1.564 | .100 | .106 | .272                     | AS3209-168     | 7.192 | 7.282 | .100 | .106 | 1.210                    |
| AS3209-130     | 1.597 | 1.627 | .100 | .106 | .283                     | AS3209-169     | 7.442 | 7.532 | .100 | .106 | 1.252                    |
| AS3209-131     | 1.659 | 1.689 | .100 | .106 | .293                     | AS3209-170     | 7.692 | 7.782 | .100 | .106 | 1.293                    |
| AS3209-132     | 1.722 | 1.752 | .100 | .106 | .303                     | AS3209-171     | 7.942 | 8.032 | .100 | .106 | 1.334                    |
| AS3209-133     | 1.784 | 1.814 | .100 | .106 | .314                     | AS3209-172     | 8.187 | 8.287 | .100 | .106 | 1.375                    |
| AS3209-134     | 1.847 | 1.877 | .100 | .106 | .324                     | AS3209-173     | 8.437 | 8.537 | .100 | .106 | 1.417                    |
| AS3209-135     | 1.908 | 1.942 | .100 | .106 | .334                     | AS3209-174     | 8.687 | 8.787 | .100 | .106 | 1.458                    |
| AS3209-136     | 1.970 | 2.004 | .100 | .106 | .345                     | AS3209-175     | 8.937 | 9.037 | .100 | .106 | 1.499                    |
| AS3209-137     | 2.033 | 2.067 | .100 | .106 | .355                     | AS3209-176     | 9.182 | 9.292 | .100 | .106 | 1.540                    |
| AS3209-138     | 2.095 | 2.129 | .100 | .106 | .365                     | AS3209-177     | 9.432 | 9.542 | .100 | .106 | 1.582                    |
| AS3209-139     | 2.158 | 2.192 | .100 | .106 | .376                     | AS3209-178     | 9.682 | 9.792 | .100 | .106 | 1.623                    |
| AS3209-140     | 2.220 | 2.254 | .100 | .106 | .386                     |                |       |       |      |      |                          |



## AEROSPACE STANDARD

PACKING, PREFORMED - AMS7276, 'O' RING

AS3209™  
SHEET 2 OF 5REV.  
C

TABLE 1 (CONTINUED)

| PART<br>NUMBER | ID    |       | T    |      | APPROX<br>MASS<br>LB/100 | PART<br>NUMBER | ID     |        | T    |      | APPROX<br>MASS<br>LB/100 |
|----------------|-------|-------|------|------|--------------------------|----------------|--------|--------|------|------|--------------------------|
|                | MIN   | MAX   | MIN  | MAX  |                          |                | MIN    | MAX    | MIN  | MAX  |                          |
| AS3209-201     | .166  | .176  | .135 | .143 | .093                     | AS3209-243     | 4.081  | 4.137  | .135 | .143 | 1.276                    |
| AS3209-202     | .229  | .239  | .135 | .143 | .112                     | AS3209-244     | 4.204  | 4.264  | .135 | .143 | 1.313                    |
| AS3209-203     | .291  | .301  | .135 | .143 | .131                     | AS3209-245     | 4.329  | 4.389  | .135 | .143 | 1.351                    |
| AS3209-204     | .354  | .364  | .135 | .143 | .150                     | AS3209-246     | 4.454  | 4.514  | .135 | .143 | 1.388                    |
| AS3209-205     | .416  | .426  | .135 | .143 | .168                     | AS3209-247     | 4.579  | 4.639  | .135 | .143 | 1.426                    |
| AS3209-206     | .479  | .489  | .135 | .143 | .187                     | AS3209-248     | 4.704  | 4.764  | .135 | .143 | 1.464                    |
| AS3209-207     | .539  | .553  | .135 | .143 | .206                     | AS3209-249     | 4.824  | 4.894  | .135 | .143 | 1.501                    |
| AS3209-208     | .600  | .618  | .135 | .143 | .225                     | AS3209-250     | 4.949  | 5.019  | .135 | .143 | 1.539                    |
| AS3209-209     | .662  | .680  | .135 | .143 | .243                     | AS3209-251     | 5.074  | 5.144  | .135 | .143 | 1.576                    |
| AS3209-210     | .724  | .744  | .135 | .143 | .262                     | AS3209-252     | 5.199  | 5.269  | .135 | .143 | 1.614                    |
| AS3209-211     | .786  | .806  | .135 | .143 | .281                     | AS3209-253     | 5.324  | 5.394  | .135 | .143 | 1.651                    |
| AS3209-212     | .849  | .869  | .135 | .143 | .300                     | AS3209-254     | 5.449  | 5.519  | .135 | .143 | 1.689                    |
| AS3209-213     | .911  | .931  | .135 | .143 | .318                     | AS3209-255     | 5.574  | 5.644  | .135 | .143 | 1.726                    |
| AS3209-214     | .974  | .994  | .135 | .143 | .337                     | AS3209-256     | 5.699  | 5.769  | .135 | .143 | 1.764                    |
| AS3209-215     | 1.036 | 1.056 | .135 | .143 | .356                     | AS3209-257     | 5.824  | 5.894  | .135 | .143 | 1.801                    |
| AS3209-216     | 1.097 | 1.121 | .135 | .143 | .375                     | AS3209-258     | 5.949  | 6.019  | .135 | .143 | 1.839                    |
| AS3209-217     | 1.159 | 1.183 | .135 | .143 | .393                     | AS3209-259     | 6.194  | 6.274  | .135 | .143 | 1.914                    |
| AS3209-218     | 1.222 | 1.246 | .135 | .143 | .412                     | AS3209-260     | 6.444  | 6.524  | .135 | .143 | 1.989                    |
| AS3209-219     | 1.284 | 1.308 | .135 | .143 | .431                     | AS3209-261     | 6.694  | 6.744  | .135 | .143 | 2.064                    |
| AS3209-220     | 1.347 | 1.371 | .135 | .143 | .450                     | AS3209-262     | 6.944  | 7.024  | .135 | .143 | 2.139                    |
| AS3209-221     | 1.409 | 1.433 | .135 | .143 | .469                     | AS3209-263     | 7.189  | 7.279  | .135 | .143 | 2.214                    |
| AS3209-222     | 1.469 | 1.499 | .135 | .143 | .487                     | AS3209-264     | 7.439  | 7.529  | .135 | .143 | 2.289                    |
| AS3209-223     | 1.594 | 1.624 | .135 | .143 | .525                     | AS3209-265     | 7.689  | 7.779  | .135 | .143 | 2.365                    |
| AS3209-224     | 1.719 | 1.749 | .135 | .143 | .563                     | AS3209-266     | 7.939  | 8.029  | .135 | .143 | 2.440                    |
| AS3209-225     | 1.841 | 1.877 | .135 | .143 | .600                     | AS3209-267     | 8.184  | 8.284  | .135 | .143 | 2.515                    |
| AS3209-226     | 1.966 | 2.002 | .135 | .143 | .638                     | AS3209-268     | 8.434  | 8.534  | .135 | .143 | 2.590                    |
| AS3209-227     | 2.091 | 2.127 | .135 | .143 | .675                     | AS3209-269     | 8.684  | 8.784  | .135 | .143 | 2.665                    |
| AS3209-228     | 2.214 | 2.254 | .135 | .143 | .713                     | AS3209-270     | 8.934  | 9.034  | .135 | .143 | 2.740                    |
| AS3209-229     | 2.339 | 2.379 | .135 | .143 | .750                     | AS3209-271     | 9.179  | 9.289  | .135 | .143 | 2.815                    |
| AS3209-230     | 2.464 | 2.504 | .135 | .143 | .788                     | AS3209-272     | 9.429  | 9.539  | .135 | .143 | 2.890                    |
| AS3209-231     | 2.589 | 2.629 | .135 | .143 | .825                     | AS3209-273     | 9.679  | 9.789  | .135 | .143 | 2.965                    |
| AS3209-232     | 2.710 | 2.758 | .135 | .143 | .863                     | AS3209-274     | 9.929  | 10.039 | .135 | .143 | 3.040                    |
| AS3209-233     | 2.835 | 2.883 | .135 | .143 | .900                     | AS3209-275     | 10.429 | 10.539 | .135 | .143 | 3.190                    |
| AS3209-234     | 2.960 | 3.008 | .135 | .143 | .938                     | AS3209-276     | 10.919 | 11.049 | .135 | .143 | 3.341                    |
| AS3209-235     | 3.085 | 3.133 | .135 | .143 | .976                     | AS3209-277     | 11.419 | 11.549 | .135 | .143 | 3.491                    |
| AS3209-236     | 3.210 | 3.258 | .135 | .143 | 1.013                    | AS3209-278     | 11.919 | 12.049 | .135 | .143 | 3.641                    |
| AS3209-237     | 3.335 | 3.383 | .135 | .143 | 1.051                    | AS3209-279     | 12.919 | 13.049 | .135 | .143 | 3.941                    |
| AS3209-238     | 3.460 | 3.508 | .135 | .143 | 1.088                    | AS3209-280     | 13.919 | 14.049 | .135 | .143 | 4.242                    |
| AS3209-239     | 3.581 | 3.637 | .135 | .143 | 1.126                    | AS3209-281     | 14.919 | 15.049 | .135 | .143 | 4.542                    |
| AS3209-240     | 3.706 | 3.762 | .135 | .143 | 1.163                    | AS3209-282     | 15.880 | 16.030 | .135 | .143 | 4.834                    |
| AS3209-241     | 3.831 | 3.887 | .135 | .143 | 1.201                    | AS3209-283     | 16.875 | 17.035 | .135 | .143 | 5.134                    |
| AS3209-242     | 3.956 | 4.012 | .135 | .143 | 1.238                    | AS3209-284     | 17.870 | 18.040 | .135 | .143 | 5.434                    |



## AEROSPACE STANDARD

PACKING, PREFORMED - AMS7276, 'O' RING

AS3209™  
SHEET 3 OF 5REV.  
C