

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.



The diagram shows the orthographic projection of a cone. On the left is the top view, which consists of two concentric circles with a vertical center line and a horizontal center line intersecting at the center. On the right is the front view, which is an isosceles trapezoid with a vertical center line passing through its midpoint. The top and bottom edges of the trapezoid are horizontal, and the two slanted sides are of equal length. The horizontal center line from the top view aligns with the base of the trapezoid in the front view.

**REV.**  
**A**

|                                                                                                                   |         |                                                                                     |             |          |          |                        |           |
|-------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------|----------|----------|------------------------|-----------|
| REV.<br>A                                                                                                         | TABLE 1 |                                                                                     |             |          |          |                        |           |
|                                                                                                                   | AS3411  |                                                                                     |             |          |          |                        |           |
|                                                                                                                   |         | PART<br>NUMBER                                                                      | L           | G<br>MIN | K<br>MAX | APPROX MASS<br>LB/100  |           |
|                                                                                                                   |         | AS3411-14                                                                           | 1.115-1.135 | .107     | .250     | 3.39                   |           |
|                                                                                                                   |         | AS3411-15                                                                           | 1.178-1.198 | .170     | .312     | 3.50                   |           |
|                                                                                                                   |         | AS3411-16                                                                           | 1.240-1.260 | .232     | .375     | 3.62                   |           |
|                                                                                                                   |         | AS3411-17                                                                           | 1.302-1.322 | .294     | .438     | 3.74                   |           |
|                                                                                                                   |         | AS3411-18                                                                           | 1.365-1.385 | .357     | .500     | 3.85                   |           |
|                                                                                                                   |         | AS3411-19                                                                           | 1.428-1.448 | .420     | .562     | 3.97                   |           |
|                                                                                                                   |         | AS3411-20                                                                           | 1.490-1.510 | .482     | .625     | 4.09                   |           |
|                                                                                                                   |         | AS3411-21                                                                           | 1.552-1.572 | .544     | .688     | 4.20                   |           |
|                                                                                                                   |         | AS3411-22                                                                           | 1.615-1.635 | .607     | .750     | 4.32                   |           |
|                                                                                                                   |         | AS3411-23                                                                           | 1.678-1.698 | .670     | .812     | 4.43                   |           |
|                                                                                                                   |         | AS3411-24                                                                           | 1.740-1.760 | .732     | .875     | 4.55                   |           |
|                                                                                                                   |         | AS3411-25                                                                           | 1.802-1.822 | .794     | .938     | 4.67                   |           |
|                                                                                                                   |         | AS3411-26                                                                           | 1.865-1.885 | .857     | 1.000    | 4.78                   |           |
|                                                                                                                   |         | AS3411-27                                                                           | 1.928-1.948 | .920     | 1.062    | 4.90                   |           |
|                                                                                                                   |         | AS3411-28                                                                           | 1.990-2.010 | .982     | 1.125    | 5.02                   |           |
|                                                                                                                   |         | AS3411-29                                                                           | 2.115-2.135 | 1.107    | 1.250    | 5.24                   |           |
|                                                                                                                   |         | AS3411-30                                                                           | 2.240-2.260 | 1.232    | 1.375    | 5.48                   |           |
|                                                                                                                   |         | AS3411-31                                                                           | 2.365-2.385 | 1.357    | 1.500    | 5.72                   |           |
|                                                                                                                   |         | AS3411-32                                                                           | 2.490-2.510 | 1.482    | 1.625    | 5.94                   |           |
|                                                                                                                   |         | AS3411-33                                                                           | 2.615-2.635 | 1.607    | 1.750    | 6.19                   |           |
|                                                                                                                   |         | AS3411-34                                                                           | 2.740-2.760 | 1.732    | 1.875    | 6.41                   |           |
|                                                                                                                   |         | AS3411-35                                                                           | 2.865-2.885 | 1.857    | 2.000    | 6.64                   |           |
|                                                                                                                   |         | AS3411-36                                                                           | 2.990-3.010 | 1.982    | 2.125    | 6.87                   |           |
|                                                                                                                   |         | AS3411-37                                                                           | 3.115-3.135 | 2.107    | 2.250    | 7.11                   |           |
|                                                                                                                   |         | AS3411-38                                                                           | 3.240-3.260 | 2.232    | 2.375    | 7.34                   |           |
|                                                                                                                   |         | AS3411-39                                                                           | 3.365-3.385 | 2.357    | 2.500    | 7.57                   |           |
|                                                                                                                   |         | AS3411-40                                                                           | 3.490-3.510 | 2.482    | 2.625    | 7.81                   |           |
|                                                                                                                   |         | AS3411-41                                                                           | 3.615-3.635 | 2.607    | 2.750    | 8.03                   |           |
|                                                                                                                   |         | AS3411-42                                                                           | 3.740-2.760 | 2.732    | 2.875    | 8.28                   |           |
|                                                                                                                   |         | AS3411-43                                                                           | 3.865-3.885 | 2.857    | 3.000    | 8.50                   |           |
|                                                                                                                   |         | AS3411-44                                                                           | 3.990-4.010 | 2.982    | 3.125    | 8.73                   |           |
|                                                                                                                   |         | AS3411-45                                                                           | 4.115-4.135 | 3.107    | 3.250    | 8.97                   |           |
|                                                                                                                   |         | AS3411-46                                                                           | 4.240-4.260 | 3.232    | 3.375    | 9.20                   |           |
|                                                                                                                   |         | AS3411-47                                                                           | 4.365-4.385 | 3.357    | 3.500    | 9.43                   |           |
|                                                                                                                   |         | AS3411-48                                                                           | 4.490-4.510 | 3.482    | 3.625    | 9.66                   |           |
|                                                                                                                   |         | AS3411-49                                                                           | 4.615-4.635 | 3.607    | 3.750    | 9.90                   |           |
|                                                                                                                   |         | AS3411-50                                                                           | 4.740-4.760 | 3.732    | 3.875    | 10.12                  |           |
|                                                                                                                   |         | AS3411-51                                                                           | 4.865-4.885 | 3.857    | 4.000    | 10.36                  |           |
|                                                                                                                   |         | AS3411-52                                                                           | 4.990-5.010 | 3.982    | 4.125    | 10.65                  |           |
|                                                                                                                   |         | AS3411-53                                                                           | 5.115-5.135 | 4.107    | 4.250    | 10.83                  |           |
|                                                                                                                   |         | AS3411-54                                                                           | 5.240-5.260 | 4.232    | 4.375    | 11.06                  |           |
|                                                                                                                   |         | AS3411-55                                                                           | 5.365-5.385 | 4.357    | 4.500    | 11.29                  |           |
|                                                                                                                   |         | AS3411-56                                                                           | 5.490-5.510 | 4.482    | 4.625    | 11.53                  |           |
|                                                                                                                   |         | AS3411-57                                                                           | 5.615-5.635 | 4.607    | 4.750    | 11.75                  |           |
|                                                                                                                   |         | AS3411-58                                                                           | 5.740-5.760 | 4.732    | 4.875    | 11.99                  |           |
|                                                                                                                   |         | AS3411-59                                                                           | 5.865-5.885 | 4.857    | 5.000    | 12.22                  |           |
|                                                                                                                   |         | AS3411-60                                                                           | 5.990-6.010 | 4.982    | 5.125    | 12.45                  |           |
| <br>An SAE International Group |         | AEROSPACE STANDARD                                                                  |             |          |          | AS3411<br>SHEET 2 OF 3 | REV.<br>A |
|                                                                                                                   |         | BOLT, TEE HEAD - AMS 5662, CHAMFERED,<br>.3125-24UNJF-3A (STRESS RUPTURE RESISTANT) |             |          |          |                        |           |