

**REV.  
D**

**AS3075**

FEDERAL SUPPLY CLASS  
4730

**RATIONALE**

CHANGE ENABLES STANDARDIZATION AND ELIMINATES SOURCE CONTROL.

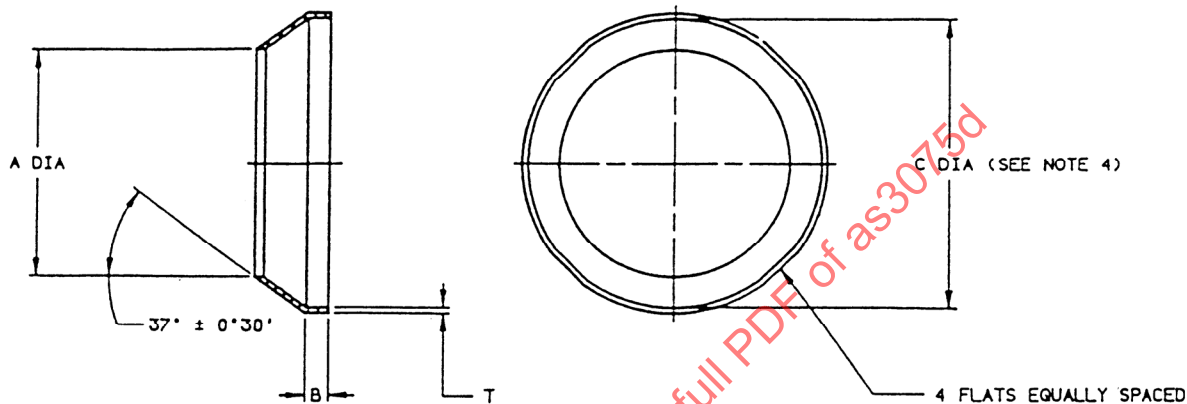
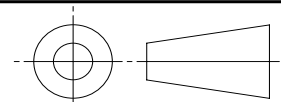


FIGURE 1

INACTIVE - SEE NOTE 9

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

GASKET - 37° FLARED TUBE FITTING,  
NICKEL, AMS 5553

**AS3075**  
SHEET 1 OF 3

**REV.  
D**

TABLE 1

| AS<br>IDENT<br>NUMBER | NOM<br>TUBE OD<br>in | NOM<br>TUBE OD<br>(mm) | A<br>DIA<br>in | A<br>DIA<br>(mm) | B<br>in     | B<br>(mm) | C<br>in     | C<br>DIA<br>(mm) | T<br>in     | T<br>(mm)   | APPROX<br>MASS<br>lb<br>PER 100 | APPROX<br>MASS<br>kg<br>PER 100 | VENDOR<br>NUMBER |
|-----------------------|----------------------|------------------------|----------------|------------------|-------------|-----------|-------------|------------------|-------------|-------------|---------------------------------|---------------------------------|------------------|
| AS3075-02             | 0.125                | 3.18                   | 0.103-0.118    | 2.62-2.99        | 0.045-0.060 | 1.15-1.52 | 0.245-0.250 | 6.23-6.35        | 0.004-0.006 | 0.102-0.152 | 0.017                           | 0.008                           | VSF-1015N2B      |
| AS3075-03             | 0.188                | 4.78                   | 0.166-0.181    | 4.22-4.59        | 0.045-0.060 | 1.15-1.52 | 0.307-0.312 | 7.80-7.92        | 0.004-0.006 | 0.102-0.152 | 0.021                           | 0.010                           | VSF-1015N3B      |
| AS3075-04             | 0.250                | 6.35                   | 0.213-0.228    | 5.42-5.79        | 0.060-0.075 | 1.53-1.90 | 0.359-0.364 | 9.12-9.24        | 0.004-0.006 | 0.102-0.152 | 0.028                           | 0.013                           | VSF-1015N4B      |
| AS3075-05             | 0.312                | 7.92                   | 0.275-0.290    | 6.99-7.36        | 0.060-0.075 | 1.53-1.90 | 0.421-0.426 | 10.70-10.82      | 0.004-0.006 | 0.102-0.152 | 0.035                           | 0.016                           | VSF-1015N5B      |
| AS3075-06             | 0.375                | 9.52                   | 0.338-0.353    | 8.59-8.96        | 0.060-0.075 | 1.53-1.90 | 0.476-0.481 | 12.10-12.21      | 0.004-0.006 | 0.102-0.152 | 0.040                           | 0.018                           | VSF-1015N6B      |
| AS3075-07             | 0.438                | 11.13                  | 0.401-0.416    | 10.19-10.56      | 0.060-0.075 | 1.53-1.90 | 0.539-0.544 | 13.70-13.81      | 0.004-0.006 | 0.102-0.152 | 0.088                           | 0.040                           | VSF-1015N7B      |
| AS3075-08             | 0.500                | 12.70                  | 0.446-0.461    | 11.33-11.70      | 0.080-0.095 | 2.04-2.41 | 0.654-0.659 | 16.62-16.73      | 0.009-0.011 | 0.229-0.279 | 0.151                           | 0.069                           | VSF-1015N8B      |
| AS3075-09             | 0.562                | 14.27                  | 0.529-0.544    | 13.44-13.81      | 0.080-0.095 | 2.04-2.41 | 0.722-0.727 | 18.34-18.46      | 0.009-0.011 | 0.229-0.279 | 0.171                           | 0.078                           | VSF-1015N9B      |
| AS3075-10             | 0.625                | 15.88                  | 0.562-0.577    | 14.28-14.65      | 0.090-0.105 | 2.29-2.66 | 0.767-0.772 | 19.49-19.60      | 0.009-0.011 | 0.229-0.279 | 0.181                           | 0.082                           | VSF-1015N10B     |
| AS3075-11             | 0.688                | 17.48                  | 0.625-0.640    | 15.88-16.25      | 0.090-0.105 | 2.29-2.66 | 0.882-0.887 | 22.41-22.52      | 0.009-0.011 | 0.229-0.279 | 0.229                           | 0.104                           | VSF-1015N11B     |
| AS3075-12             | 0.750                | 19.05                  | 0.687-0.702    | 17.45-17.83      | 0.090-0.105 | 2.29-2.66 | 0.938-0.943 | 23.83-23.95      | 0.009-0.011 | 0.229-0.279 | 0.283                           | 0.128                           | VSF-1015N12B     |
| AS3075-14             | 0.875                | 22.22                  | 0.826-0.841    | 20.99-21.36      | 0.090-0.105 | 2.29-2.66 | 1.070-1.075 | 27.18-27.30      | 0.009-0.011 | 0.229-0.279 | 0.303                           | 0.138                           | VSF-1015N14B     |
| AS3075-16             | 1.000                | 25.40                  | 0.936-0.951    | 23.78-24.15      | 0.110-0.125 | 2.80-3.17 | 1.188-1.193 | 30.18-30.30      | 0.009-0.011 | 0.229-0.279 | 0.362                           | 0.164                           | VSF-1015N16B     |
| AS3075-18             | 1.125                | 28.58                  | 1.046-1.061    | 26.57-26.94      | 0.060-0.075 | 1.53-1.90 | 1.375-1.380 | 34.43-35.05      | 0.009-0.011 | 0.229-0.279 | 0.457                           | 0.207                           | VSF-1015N18B     |
| AS3075-20             | 1.250                | 31.75                  | 1.175-1.190    | 29.85-30.22      | 0.110-0.125 | 2.80-3.17 | 1.501-1.506 | 38.13-38.25      | 0.009-0.011 | 0.229-0.279 | 0.546                           | 0.248                           | VSF-1015N20B     |
| AS3075-24             | 1.500                | 38.10                  | 1.410-1.425    | 35.82-36.19      | 0.110-0.125 | 2.80-3.17 | 1.750-1.755 | 44.45-44.57      | 0.009-0.011 | 0.229-0.279 | 0.662                           | 0.301                           | VSF-1015N24B     |
| AS3075-28             | 1.750                | 44.45                  | 1.680-1.695    | 42.68-43.05      | 0.110-0.125 | 2.80-3.17 | 2.125-2.130 | 53.98-54.10      | 0.009-0.011 | 0.229-0.279 | 0.982                           | 0.446                           | VSF-1015N28B     |
| AS3075-32             | 2.000                | 50.80                  | 1.913-1.928    | 48.60-48.97      | 0.110-0.125 | 2.80-3.17 | 2.375-2.380 | 60.33-60.45      | 0.009-0.011 | 0.229-0.279 | 1.068                           | 0.485                           | VSF-1015N32B     |