

REV.  
C

SAE AS1580

FEDERAL SUPPLY CLASS  
4730

# RATIONALE

PROCUREMENT NOTE /6/ HAS BEEN CHANGED TO SPECIFY PRI-QPL-AS1576, ALSO UPDATES

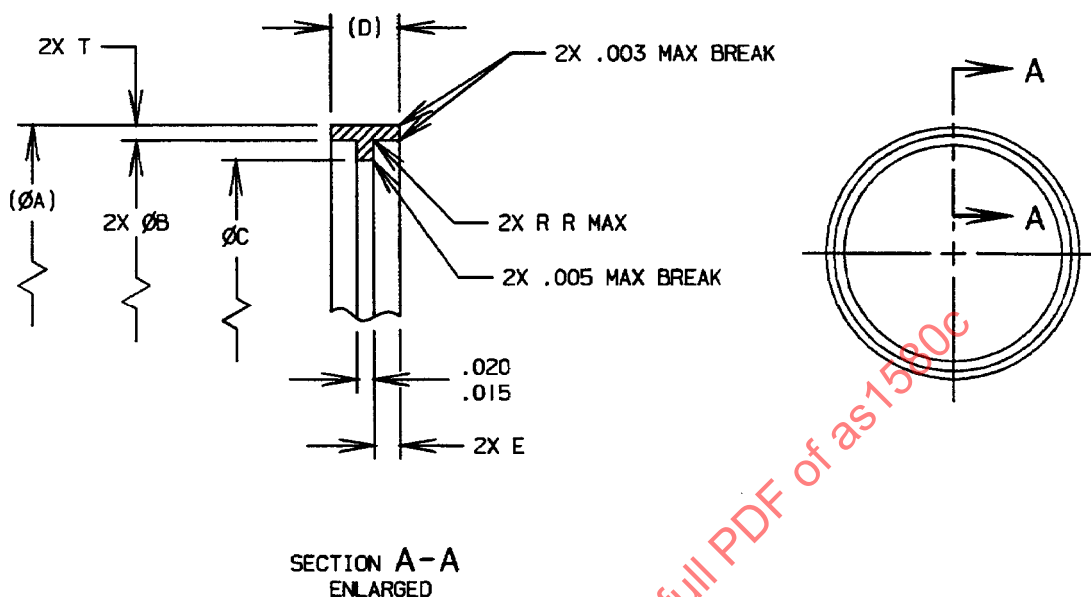


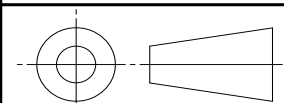
FIGURE 1 - RING

TABLE 1 - DIMENSIONS AND WEIGHTS

| BASIC NO.<br>AS1580<br>/16/<br>SIZE CODE | (NOMINAL<br>TUBE<br>SIZE) | (NOMINAL<br>TUBE<br>WALL) | A     | B<br>±.002<br>/7/ | C<br>/7/ | D    | E    | R    | T<br>±.002 | LB/100<br>APPROX<br>REF |
|------------------------------------------|---------------------------|---------------------------|-------|-------------------|----------|------|------|------|------------|-------------------------|
| 03                                       | .188                      | .016                      | .222  | .194              | .167     | .058 | .020 | .005 | .014       | .0117                   |
| 04                                       | .250                      | .016                      | .284  | .256              | .229     | .058 | .020 | .005 | .014       | .0153                   |
| 05                                       | .312                      | .020                      | .342  | .319              | .285     | .064 | .023 | .005 | .014       | .0184                   |
| 06                                       | .375                      | .020                      | .411  | .383              | .348     | .064 | .023 | .005 | .014       | .0259                   |
| 08                                       | .500                      | .026                      | .542  | .508              | .465     | .074 | .028 | .005 | .017       | .0417                   |
| 10                                       | .625                      | .033                      | .668  | .634              | .581     | .092 | .037 | .006 | .017       | .0719                   |
| 12                                       | .750                      | .039                      | .795  | .759              | .698     | .094 | .038 | .006 | .018       | .0942                   |
| 16                                       | 1.000                     | .052                      | 1.046 | 1.010             | .931     | .098 | .040 | .007 | .018       | .137                    |
| 20                                       | 1.250                     | .065                      | 1.298 | 1.260             | 1.163    | .104 | .043 | .007 | .019       | .197                    |
| 24                                       | 1.500                     | .074                      | 1.552 | 1.510             | 1.403    | .108 | .045 | .007 | .021       | .266                    |

SAE values your input. To provide feedback  
on this Technical Report, please visit  
<http://www.sae.org/technical/standards/AS1580C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /6/ AS1576

**SAE Aerospace**  
An SAE International Group

## AEROSPACE STANDARD

RING, WELD,  
3000 PSI, TITANIUM

**SAE AS1580**  
SHEET 1 OF 2

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