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**AS25281**

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5340

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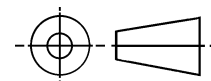
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THIRD ANGLE PROJECTION



ISSUED 1998-07 REAFFIRMED 2003-10

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: MIL-S-23190

**SAE Aerospace**  
An SAE International Group

## AEROSPACE STANDARD

CLAMP, LOOP, PLASTIC, WIRE SUPPORT

**AS25281**  
SHEET 1 OF 6

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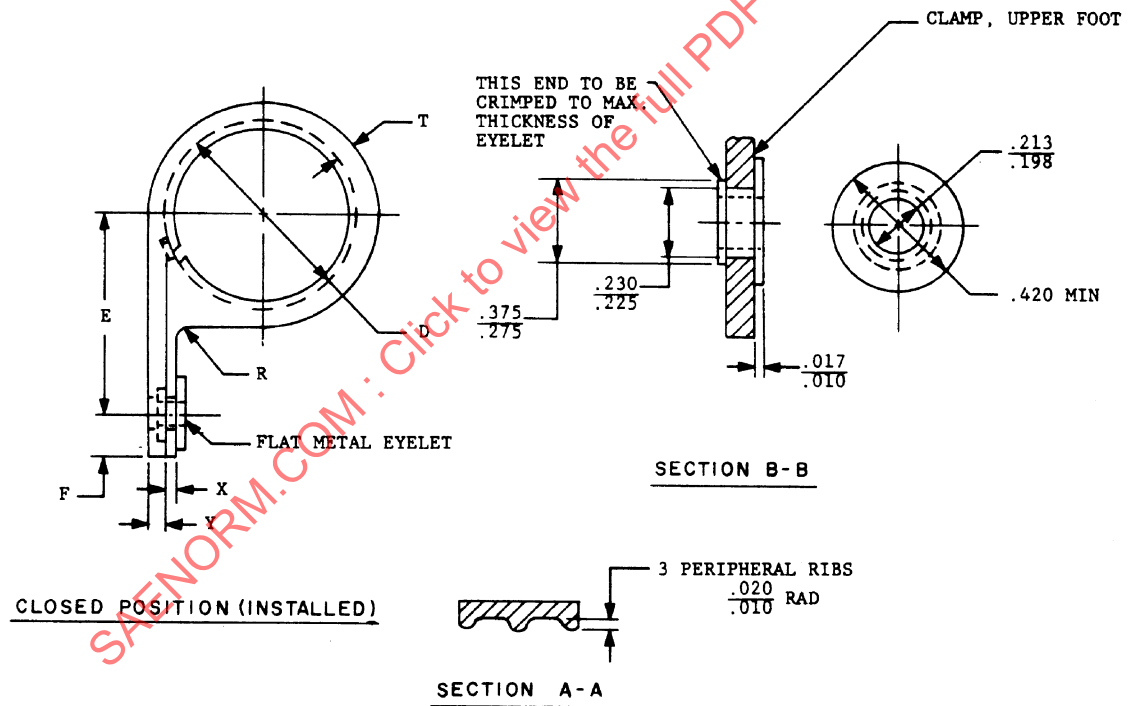
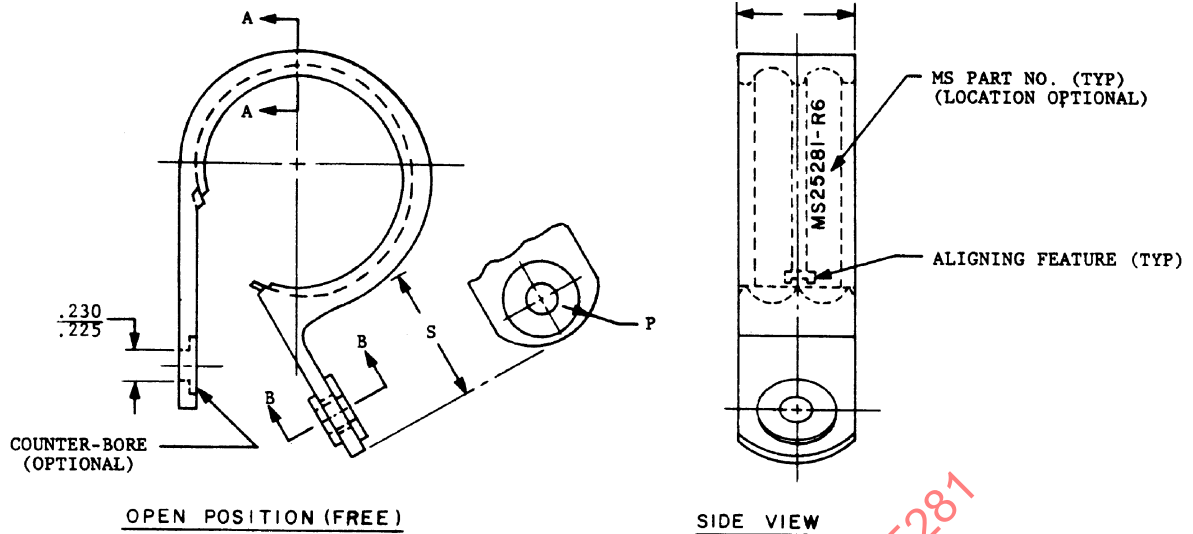


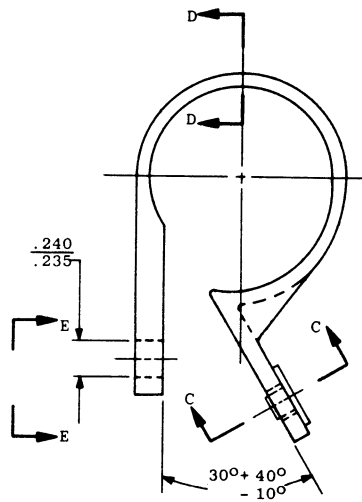
TABLE I. FOR STYLE R-RIBBED INNER DIAMETER CLAMPS ONLY

| DASH NO. | APPROX. CABLE BUNDLE DIA+1/64 | D**<br>±.020 | E<br>±.025 | F            | P<br>MIN RADIUS | R<br>±.005 RADIUS | S<br>±.010 | T    |      | W    |      | X    |      | Y    |     |
|----------|-------------------------------|--------------|------------|--------------|-----------------|-------------------|------------|------|------|------|------|------|------|------|-----|
|          |                               |              |            |              |                 |                   |            | MIN  | MAX  | MIN  | MAX  | MIN  | MAX  | MIN  | MAX |
| -2       | 1/8                           | .125         | .440       | .260<br>.240 | .250            | .062              | .540       | .038 | .075 | .510 | .060 | .080 | .060 | .100 |     |
| -3       | 3/16                          | .188         | .485       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -4       | 1/4                           | .250         | .510       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -5       | 5/16                          | .312         | .546       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -6       | 3/8                           | .375         | .578       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -7       | 7/16                          | .438         | .608       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -8       | 1/2                           | .500         | .639       | .330<br>.240 | .300            | .109              | .605       | .050 | .085 | .495 | .610 | .060 | .085 | .130 |     |
| -9       | 9/16                          | .562         | .675       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -10      | 5/8                           | .625         | .706       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -11      | 11/16                         | .688         | .785       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -12      | 3/4                           | .750         | .816       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -13      | 13/16                         | .812         | .827       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -14      | 7/8                           | .875         | .878       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -15      | 15/16                         | .938         | .910       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -16      | 1.000                         | 1.000        | .941       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -17      | 1-1/16                        | 1.063        | .972       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -18      | 1-1/8                         | 1.125        | .983       |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -19*     | 1-3/16                        | 1.188        | 1.024      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -20      | 1-1/4                         | 1.250        | 1.066      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -21*     | 1-5/16                        | 1.312        | 1.070      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -22      | 1-3/8                         | 1.375        | 1.110      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -23*     | 1-7/16                        | 1.438        | 1.140      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -24      | 1-1/2                         | 1.500        | 1.170      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -25*     | 1-9/16                        | 1.562        | 1.200      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -26      | 1-5/8                         | 1.625        | 1.250      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -27*     | 1-11/16                       | 1.688        | 1.270      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -28      | 1-3/4                         | 1.750        | 1.300      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -29*     | 1-13/16                       | 1.812        | 1.330      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -30      | 1-7/8                         | 1.875        | 1.355      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -31*     | 1-15/16                       | 1.938        | 1.390      |              |                 |                   |            |      |      |      |      |      |      |      |     |
| -32      | 2.000                         | 2.000        | 1.420      |              |                 |                   |            |      |      |      |      |      |      |      |     |

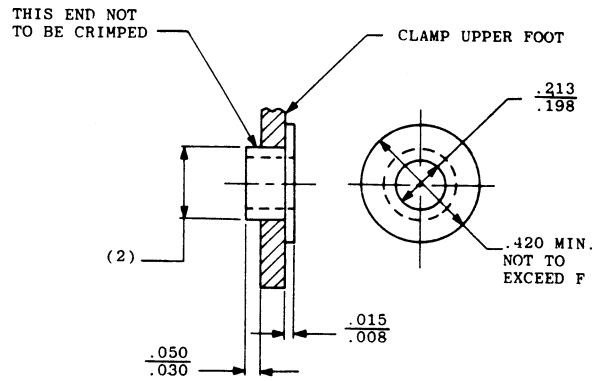
\*SEE NOTE 8.

\*\*"D" DIMENSION TO BE MEASURED MINUS THE RIBS.

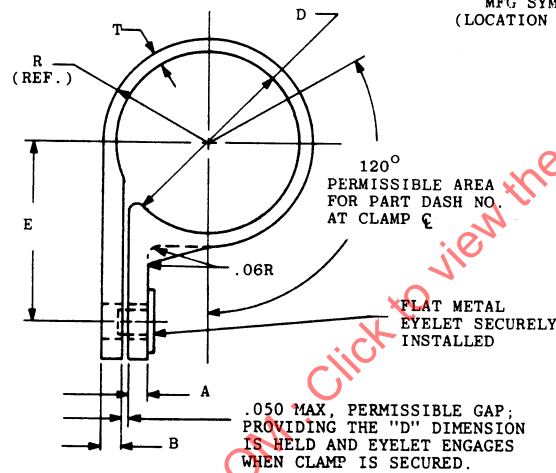
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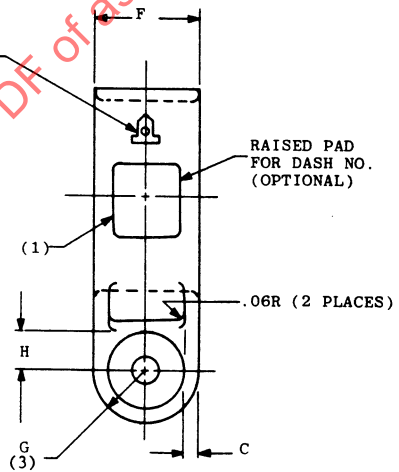
OPEN POSITION (FREE)



SECTION C-C



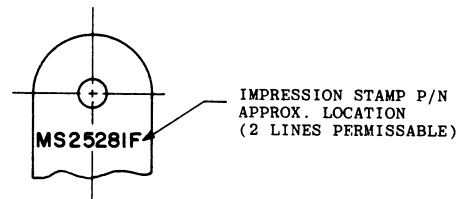
CLOSED POSITION (INSTALLED)



SIDE VIEW



SECTION D-D



PARTIAL VIEW E-E  
ROTATED 180°

STYLE F - FLAT INNER DIAMETER