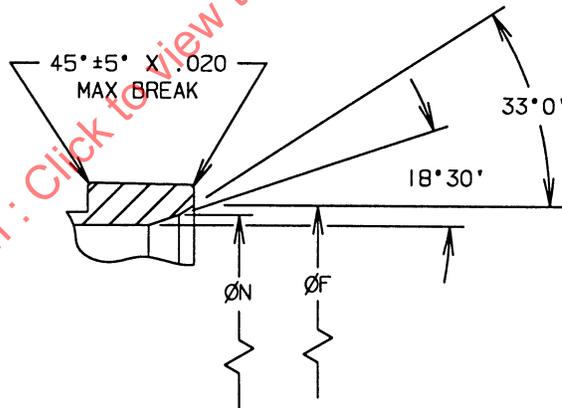
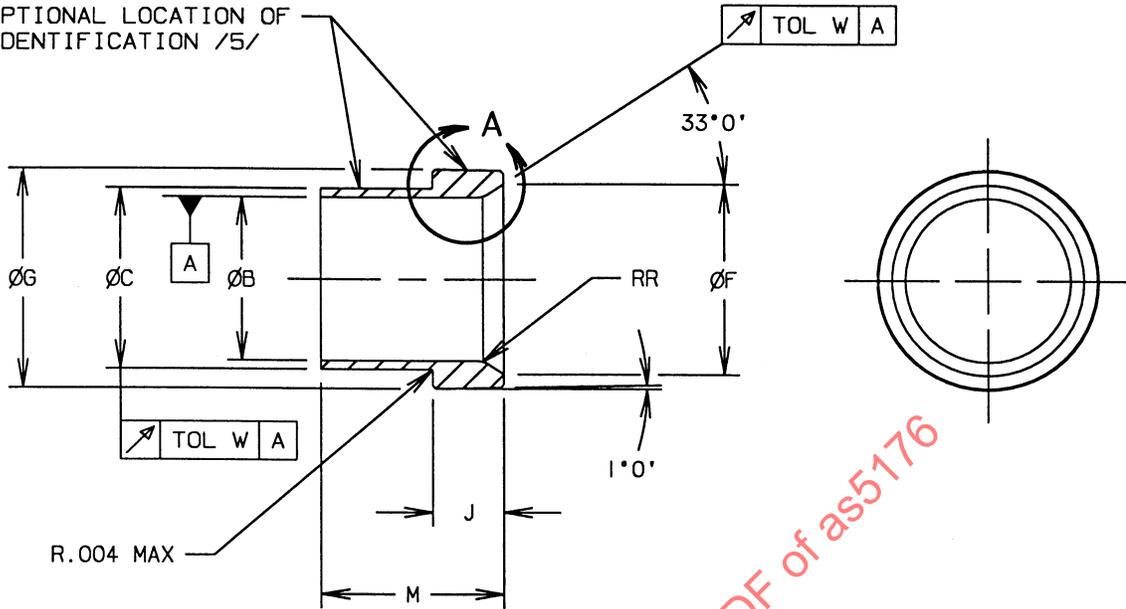


AS5176

OPTIONAL LOCATION OF IDENTIFICATION /5/

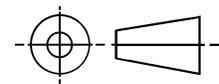


VIEW A
ENLARGED
(FOR SIZES 02 THRU 06)

FIGURE 1 - FITTING, SLEEVE

SAENORM.COM : Click to view the full PDF of as5176

THIRD ANGLE PROJECTION



ISSUED 1999-01

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS4841 /4/

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

FITTING, SLEEVE, FLARED

AS5176
SHEET 1 OF 3

SAE Technical Standards Board 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 reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

AS5176

TABLE 1A - DIMENSIONS

| BASIC NO. AS5176 /12/ SIZE CODE | (NOMINAL TUBE SIZE) | B + .003/- .000 | C + .000/- .003 | F ± .005 | G + .000/- .003 | J |
|--|---------------------------|--------------------|--------------------|-------------|--------------------|------|
| 02 | .125 | .130 | .172 | .205 | .267 | .125 |
| 03 | .188 | .193 | .234 | .267 | .329 | .141 |
| 04 | .250 | .255 | .297 | .315 | .383 | .141 |
| 05 | .312 | .318 | .366 | .375 | .445 | .156 |
| 06 | .375 | .380 | .432 | .441 | .502 | .172 |
| 08 | .500 | .505 | .562 | .589 | .682 | .219 |
| 10 | .625 | .631 | .690 | .705 | .797 | .234 |
| 12 | .750 | .756 | .826 | .880 | .972 | .266 |
| 16 | 1.000 | 1.006 | 1.081 | 1.130 | 1.222 | .281 |
| 20 | 1.250 | 1.260 | 1.339 | 1.412 | 1.534 | .312 |
| 24 | 1.500 | 1.510 | 1.609 | 1.630 | 1.784 | .344 |
| 28 | 1.750 | 1.762 | 1.882 | 1.945 | 2.159 | .375 |
| 32 | 2.000 | 2.014 | 2.159 | 2.195 | 2.409 | .406 |
| 40 | 2.500 | 2.516 | 2.659 | 2.695 | 2.911 | .469 |
| 48 | 3.000 | 3.016 | 3.172 | 3.195 | 3.411 | .531 |

TABLE 1B - DIMENSIONS AND WEIGHTS

| BASIC NO. AS5176 /12/ SIZE CODE | M | N ± .010 | R | W | LB/EA APPROX REF CU | LB/EA APPROX REF STEEL |
|--|-------|-------------|------|------|------------------------------|---------------------------------|
| 02 | .344 | .478 | - | .005 | .00220 | .00207 |
| 03 | .406 | .240 | - | .005 | .00338 | .00320 |
| 04 | .406 | .288 | - | .005 | .00673 | .00635 |
| 05 | .438 | .348 | - | .005 | .00555 | .00525 |
| 06 | .500 | .414 | - | .005 | .00733 | .00692 |
| 08 | .562 | - | .062 | .005 | .0155 | .0147 |
| 10 | .656 | - | .062 | .005 | .0205 | .0194 |
| 12 | .688 | - | .078 | .005 | .0338 | .0319 |
| 16 | .781 | - | .094 | .010 | .0496 | .0469 |
| 20 | .906 | - | .094 | .010 | .0842 | .0796 |
| 24 | 1.125 | - | .109 | .010 | .129 | .122 |
| 28 | 1.125 | - | .109 | .010 | .214 | .203 |
| 32 | 1.188 | - | .109 | .010 | .279 | .264 |
| 40 | 1.312 | - | .109 | .010 | .384 | .363 |
| 48 | 1.375 | - | .109 | .010 | .509 | .481 |