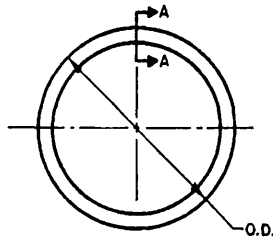


FED. SUP CLASS  
5310



SEE NOTE

EDGES SHALL BE CUT CLEAN AND SQUARE TO WITHIN 5°

SECTION A-A

User activities: AT  
WC  
AS

Review activity: DSA-IS  
AV MI

| DASH NO. | ACTUAL SIZE   |            |            | DASH NO. | ACTUAL SIZE    |                     |            | DASH NO. | ACTUAL SIZE    |                     |            |
|----------|---------------|------------|------------|----------|----------------|---------------------|------------|----------|----------------|---------------------|------------|
|          | O.D.<br>±.007 | W<br>±.007 | T<br>±.010 |          | O.D.<br>±.1/64 | W<br>+.010<br>-.005 | T<br>±.010 |          | O.D.<br>±.1/64 | W<br>+.010<br>-.005 | T<br>±.010 |
| 6        | .250          | .057       | .062       | 230      | 2-3/4          | .123                | .062       | 347      | 4-5/8          | .188                | .094       |
| 7        | .281          | .057       | .062       | 231      | 2-7/8          | .123                | .062       | 348      | 4-3/4          | .188                | .094       |
| 8        | .312          | .057       | .062       | 232      | 3              | .123                | .062       | 349      | 4-7/8          | .188                | .094       |
| 9        | .344          | .057       | .062       | 233      | 3-1/8          | .123                | .062       | 425      | 5              | .240                | .125       |
| 10       | .375          | .057       | .062       | 234      | 3-1/4          | .123                | .062       | 426      | 5-1/8          | .240                | .125       |
| 11       | .438          | .057       | .062       | 235      | 3-3/8          | .123                | .062       | 427      | 5-1/4          | .240                | .125       |
| 12       | .500          | .057       | .062       | 236      | 3-1/2          | .123                | .062       | 428      | 5-3/8          | .240                | .125       |
| 110      | .562          | .090       | .062       | 237      | 3-5/8          | .123                | .062       | 429      | 5-1/2          | .240                | .125       |
| 111      | .625          | .090       | .062       | 238      | 3-3/4          | .123                | .062       | 430      | 5-5/8          | .240                | .125       |
| 112      | .688          | .090       | .062       | 239      | 3-7/8          | .123                | .062       | 431      | 5-3/4          | .240                | .125       |
| 113      | .750          | .090       | .062       | 240      | 4              | .123                | .062       | 432      | 5-7/8          | .240                | .125       |
| 114      | .812          | .090       | .062       | 241      | 4-1/8          | .123                | .062       | 433      | 6              | .240                | .125       |
| 115      | .875          | .090       | .062       | 242      | 4-1/4          | .123                | .062       | 434      | 6-1/8          | .240                | .125       |
| 116      | .938          | .090       | .062       | 243      | 4-3/8          | .123                | .062       | 435      | 6-1/4          | .240                | .125       |
|          |               |            |            | 244      | 4-1/2          | .123                | .062       | 436      | 6-3/8          | .240                | .125       |
|          |               |            |            | 245      | 4-5/8          | .123                | .062       | 437      | 6-1/2          | .240                | .125       |
|          |               |            |            | 246      | 4-3/4          | .123                | .062       | 438      | 6-3/4          | .240                | .125       |
|          |               |            |            | 247      | 4-7/8          | .123                | .062       | 439      | 7              | .240                | .125       |
|          |               |            |            | 325      | 1-7/8          | .188                | .094       | 440      | 7-1/4          | .240                | .125       |
|          |               |            |            | 326      | 2              | .188                | .094       | 441      | 7-1/2          | .240                | .125       |
| 210      | 1             | .123       | .062       | 327      | 2-1/8          | .188                | .094       | 442      | 7-3/4          | .240                | .125       |
| 211      | 1-1/16        | .123       | .062       | 328      | 2-1/4          | .188                | .094       | 443      | 8              | .240                | .125       |
| 212      | 1-1/8         | .123       | .062       | 329      | 2-3/8          | .188                | .094       | 444      | 8-1/4          | .240                | .125       |
| 213      | 1-3/16        | .123       | .062       | 330      | 2-1/2          | .188                | .094       | 445      | 8-1/2          | .240                | .125       |
| 214      | 1-1/4         | .123       | .062       | 331      | 2-5/8          | .188                | .094       | 446      | 9              | .240                | .125       |
| 215      | 1-5/16        | .123       | .062       | 332      | 2-3/4          | .188                | .094       | 447      | 9-1/2          | .240                | .125       |
| 216      | 1-3/8         | .123       | .062       | 333      | 2-7/8          | .188                | .094       | 448      | 10             | .240                | .125       |
| 217      | 1-7/16        | .123       | .062       | 334      | 3              | .188                | .094       | 449      | 10-1/2         | .240                | .125       |
| 218      | 1-1/2         | .123       | .062       | 335      | 3-1/8          | .188                | .094       | 450      | 11             | .240                | .125       |
| 219      | 1-9/16        | .123       | .062       | 336      | 3-1/4          | .188                | .094       | 451      | 11-1/2         | .240                | .125       |
| 220      | 1-5/8         | .123       | .062       | 337      | 3-3/8          | .188                | .094       | 452      | 12             | .240                | .125       |
| 221      | 1-11/16       | .123       | .062       | 338      | 3-1/2          | .188                | .094       | 453      | 12-1/2         | .240                | .125       |
| 222      | 1-3/4         | .123       | .062       | 339      | 3-5/8          | .188                | .094       | 454      | 13             | .240                | .125       |
| 223      | 1-7/8         | .123       | .062       | 340      | 3-3/4          | .188                | .094       | 455      | 13-1/2         | .240                | .125       |
| 224      | 2             | .123       | .062       | 341      | 3-7/8          | .188                | .094       | 456      | 14             | .240                | .125       |
| 225      | 2-1/8         | .123       | .062       | 342      | 4              | .188                | .094       | 457      | 14-1/2         | .240                | .125       |
| 226      | 2-1/4         | .123       | .062       | 343      | 4-1/8          | .188                | .094       | 458      | 15             | .240                | .125       |
| 227      | 2-3/8         | .123       | .062       | 344      | 4-1/4          | .188                | .094       | 459      | 15-1/2         | .240                | .125       |
| 228      | 2-1/2         | .123       | .062       | 345      | 4-3/8          | .188                | .094       | 460      | 16             | .240                | .125       |
| 229      | 2-5/8         | .123       | .062       | 346      | 4-1/2          | .188                | .094       |          |                |                     |            |

NOTES:

- MATERIAL:** LEATHER IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- THICKNESS:** THE THICKNESS SHALL NOT VARY MORE THAN .010 BETWEEN ANY TWO POINTS ON A WASHER.
- DIMENSIONS:** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
- PART NUMBERS:** THE MS PART NUMBER CONSISTS OF THE MS NUMBER, PLUS THE DASH NUMBER. EXAMPLE: MS35803-6
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HERE-IN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

(A) ENTIRE STANDARD REVISED

This standard is approved by the Department of Defense and is mandatory for all activities. Selection for all new engineering and design applications for repetitive use shall be made from this document.

APPROVED 22 MAY 1957 (A) 30 JANUARY 1970 REVISED

|   |  |                              |
|---|--|------------------------------|
| P.A USAF-82<br>Other Cust<br>USAF-82<br>Army-AV | TITLE<br>WASHER, AIRCRAFT HYDRAULIC PACKING<br>BACK-UP | MILITARY STANDARD<br>MS35803 |
| PROCUREMENT SPECIFICATION<br>MIL-W-5521         | SUPERSEDES:  | SHEET   OF                   |