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REV. A
AS1867™

FEDERAL SUPPLY CLASS
4720

RATIONALE

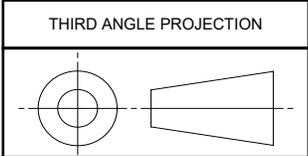
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ISSUED 1987-04 REAFFIRMED 2013-01 STABILIZED 2024-09

| | | | |
|---------------------|---|---------------------------------------|----------------|
| CUSTODIAN: G-3/G-3D | | PROCUREMENT SPECIFICATION: MIL-H-8795 | |
| | AEROSPACE STANDARD | | AS1867™ |
| | HOSE ASSEMBLY, RUBBER, FLARELESS, FIELD ATTACHABLE FITTING, 45° TO 90° | | |

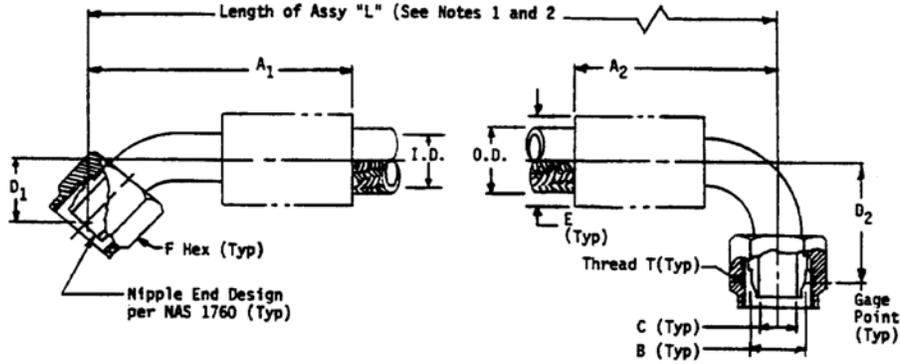


FIGURE 1

TABLE 1

| HOSE SIZE DASH NUMBER | HOSE ASSEMBLY SIZE REF. | THREAD T PER MIL-S-8879 REF. | HOSE I.D. MIN. | HOSE O.D. MAX. | A ₁ MAX. | A ₂ MAX. | B GAGE DIA. BASIC | E /1/ MAX. | F HEX REF. |
|--------------------------|----------------------------------|------------------------------------|----------------------|----------------------|------------------------|------------------------|----------------------------|---------------|------------------|
| -03 | .125 | .3750-24 UNJF-3B | .125 | .476 | | | .2340 | .627 | .50 |
| -04 | .188 | .4375-20 UNJF-3B | .188 | .539 | 2.05 | 1.86 | .2930 | .690 | .56 |
| -05 | .250 | .5000-20 UNJF-3B | .250 | .601 | 2.31 | 2.08 | .3500 | .752 | .62 |
| -06 | .313 | .5625-18 UNJF-3B | .313 | .695 | 2.48 | 2.24 | .4120 | .877 | .69 |
| -08 | .406 | .7500-16 UNJF-3B | .406 | .789 | 2.93 | 2.66 | .5600 | 1.016 | .88 |
| -10 | .500 | .8750-14 UNJF-3B | .500 | .945 | 3.24 | 2.94 | .6730 | 1.235 | 1.00 |
| -12 | .625 | 1.0625-12 UNJ-3B | .625 | 1.101 | 4.00 | 3.86 | .8100 | 1.360 | 1.25 |
| -16 | .875 | 1.3125-12 UNJ-3B | .875 | 1.265 | 3.71 | 3.67 | 1.0620 | 1.546 | 1.50 |
| -20 | 1.125 | 1.6250-12 UNJ-3B | 1.125 | 1.531 | | 3.88 | 1.3160 | 1.921 | 1.81 |
| -24 | 1.375 | 1.8750-12 UNJ-3B | 1.375 | 1.781 | | | 1.5650 | 2.124 | 2.12 |

TABLE 2

| SIZE CODE | D ₁ | | D ₂ | | C MIN. DIA. THRU | END FITTING CORRECTION FACTOR FOR "END" TO "END" | |
|--------------|----------------|------|----------------|------|---------------------------|--|-----------|
| | MIN. | MAX. | MIN. | MAX. | | 45° ELBOW | 90° ELBOW |
| | | | | | | | |
| -03 | | | | | .073 | .10 | -- |
| -04 | .35 | .47 | .73 | .85 | .123 | .11 | -- |
| -05 | .42 | .54 | .88 | 1.00 | .170 | .11 | -- |
| -06 | .47 | .59 | .99 | 1.11 | .232 | .12 | -- |
| -08 | .51 | .63 | 1.03 | 1.15 | .350 | .13 | -- |
| -10 | .61 | .73 | 1.25 | 1.37 | .450 | .14 | -- |
| -12 | .81 | .93 | 1.89 | 2.01 | .575 | .16 | -- |
| -16 | .84 | .97 | 2.18 | 2.30 | .781 | .21 | -- |
| -20 | | | 2.22 | 2.34 | 1.015 | .21 | -- |
| -24 | | | | | 1.250 | .26 | -- |

TABLE 3

| HOSE ASSEMBLY LENGTH | AVAILABLE INCREMENTS | TOLERANCE |
|----------------------|----------------------------|---------------------------|
| UNDER 18 INCHES | (NOT LESS THAN) .125 INCH | (PLUS OR MINUS) .125 INCH |
| 18 TO 36 INCHES | (NOT LESS THAN) .250 INCH | (PLUS OR MINUS) .250 INCH |
| 36 TO 50 INCHES | (NOT LESS THAN) .500 INCH | (PLUS OR MINUS) .500 INCH |
| OVER 50 INCHES | (NOT LESS THAN) 1.000 INCH | (PLUS OR MINUS) 1 PERCENT |



AEROSPACE STANDARD

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FIELD ATTACHABLE FITTING, 45° TO 90°

AS1867™
SHEET 1 OF 2

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