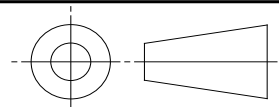


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|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |
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| REV.<br>D                                                                           | FEDERAL SUPPLY CLASS<br>4720                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |
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| CUSTODIAN: G-3/G-3D                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROCUREMENT SPECIFICATION: AS1975 /2/                    |
|  | <p><b>AEROSPACE STANDARD</b></p> <p>HOSE ASSEMBLY, PTFE, PARA-ARAMID REINFORCED, STANDARD DUTY, 3000 PSI, 275 °F, TITANIUM FITTINGS, FLARELESS, STRAIGHT TO 45°</p>                                                                                                                                                                                                                                                                                                                              | <p>AS4569™</p> <p>REV.<br/>D</p> <p><b>Documents</b></p> |

ISSUED 1992-06 REVISED 2001-01 REAFFIRMED 2015-04 STABILIZED 2018-03

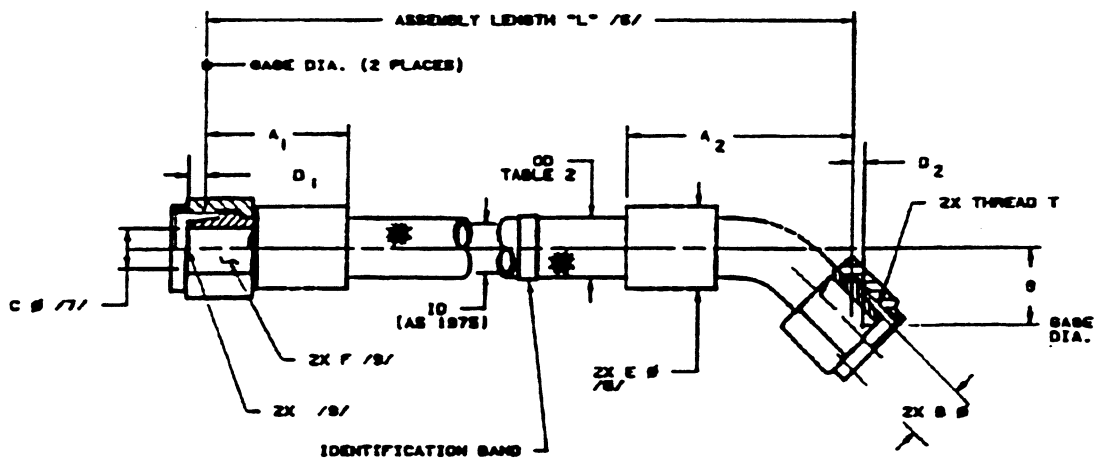


FIGURE 1 - HOSE ASSEMBLY, STRAIGHT TO 45° ELBOW



# AEROSPACE STANDARD

HOSE ASSEMBLY, PTFE, PARA-ARAMID  
REINFORCED, STANDARD DUTY, 3000 PSI, 275 °F,  
TITANIUM FITTINGS, FLARELESS, STRAIGHT TO 45°

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TABLE 1 - ASSEMBLY DIMENSIONS

| HOSE<br>ASSEMBLY<br>NO. & SIZE<br>CODE | HOSE<br>SIZE<br>(REF) | /15/<br>FITTING<br>TYPE<br>(REF) | THREAD T<br>PER AS8879<br>(REF) | HOSE<br>ID<br>MIN | A <sub>1</sub><br>MAX | A <sub>2</sub><br>MAX | B<br>GAGE<br>BASIC | C /7/<br>MIN STR<br>FTG BORE<br>AFTER<br>ASSEMBLY | D <sub>1</sub><br>(REF) | D <sub>2</sub><br>(REF) |
|----------------------------------------|-----------------------|----------------------------------|---------------------------------|-------------------|-----------------------|-----------------------|--------------------|---------------------------------------------------|-------------------------|-------------------------|
| AS4569E                                | .250                  | -                                |                                 |                   |                       |                       |                    |                                                   |                         |                         |
| AS4569E                                | .250                  | S                                | .4375-20UNJF-3B                 | .212              | 1.630                 | 2.160                 | .2930              | .135                                              | .16                     | .11                     |
| AS4569E                                | .250                  | E                                | .5625-18UNJF-3B                 | .212              | 1.695                 | 2.200                 | .4120              | .135                                              | .16                     | .12                     |
| AS4569G                                | .375                  | R                                | .4375-20UNJF-3B                 | .298              | 1.820                 | 2.620                 | .2930              | .135                                              | .16                     | .11                     |
| AS4569G                                | .375                  | S                                | .5625-18UNJF-3B                 | .298              | 1.835                 | 2.460                 | .4120              | .240                                              | .16                     | .12                     |
| AS4569G                                | .375                  | E                                | .7500-16UNJF-3B                 | .298              | 1.915                 | 2.770                 | .5600              | .240                                              | .19                     | .13                     |
| AS4569H                                | .500                  | R                                | .5625-18UNJF-3B                 | .391              | 2.145                 | 2.695                 | .4120              | .240                                              | .16                     | .12                     |
| AS4569H                                | .500                  | S                                | .7500-16UNJF-3B                 | .391              | 2.165                 | 2.740                 | .5600              | .340                                              | .19                     | .13                     |
| AS4569H                                | .500                  | E                                | .8750-14UNJF-3B                 | .391              | 2.675                 | 3.050                 | .6730              | .340                                              | .20                     | .14                     |
| AS4569J                                | .625                  | R                                | .7500-16UNJF-3B                 | .485              | 2.860                 | 3.665                 | .5600              | .340                                              | .19                     | .13                     |
| AS4569J                                | .625                  | S                                | .8750-14UNJF-3B                 | .485              | 2.905                 | 3.785                 | .6730              | .410                                              | .20                     | .14                     |
| AS4569J                                | .625                  | E                                | 1.0625-12UNJ-3B                 | .485              | 2.920                 | 3.875                 | .8100              | .410                                              | .23                     | .16                     |
| AS4569K                                | .750                  | R                                | .8750-14UNJF-3B                 | .602              | 3.240                 | 4.065                 | .6730              | .410                                              | .20                     | .14                     |
| AS4569K                                | .750                  | S                                | 1.0625-12UNJ-3B                 | .602              | 3.205                 | 4.065                 | .8100              | .510                                              | .23                     | .16                     |
| AS4569K                                | .750                  | E                                | 1.3125-12UNJ-3B                 | .602              | 3.320                 | 4.295                 | 1.0620             | .510                                              | .30                     | .21                     |
| AS4569M                                | 1.000                 | R                                | 1.0625-12UNJ-3B                 | .852              | 3.690                 | 4.645                 | .8100              | .510                                              | .23                     | .16                     |
| AS4569M                                | 1.000                 | S                                | 1.3125-12UNJ-3B                 | .852              | 3.740                 | 4.645                 | 1.0620             | .760                                              | .30                     | .21                     |
| AS4569M                                | 1.000                 | E                                | 1.5625-12UNJ-3B                 | .852              | 3.570                 | 5.010                 | 1.3160             | .760                                              | .04                     | .03                     |
| AS4569N                                | 1.250                 | R                                | 1.3125-12UNJ-3B                 | 1.100             | 4.600                 | 5.650                 | 1.0620             | .760                                              | .30                     | .21                     |
| AS4569N                                | 1.250                 | S                                | 1.5625-12UNJ-3B                 | 1.100             | 4.330                 | 5.585                 | 1.3160             | .960                                              | .04                     | .03                     |
| AS4569N                                | 1.250                 | -                                | TBD                             | TBD               | TBD                   | TBD                   | TBD                | TBD                                               | TBD                     | TBD                     |
| AS4569P                                | 1.500                 | -                                |                                 |                   |                       |                       |                    |                                                   |                         |                         |
| AS4569P                                | 1.500                 | S                                | TBD                             | TBD               | TBD                   | TBD                   | TBD                | TBD                                               | TBD                     | TBD                     |
| AS4569P                                | 1.500                 | -                                |                                 |                   |                       |                       |                    |                                                   |                         |                         |



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