

INCH-POUND

MS33740C  
18 October 1999  
SUPERSEDING  
MS33740 REV B  
03 September 1985

## DETAIL SPECIFICATION SHEET

### NIPPLE, PNEUMATIC STARTING, 3 INCH ID

This specification is approved for use by all Departments and Agencies  
of the Department of Defense.

#### REQUIREMENTS:

1. Material: Bar: Corrosion resistant steel (18-8) Comp FM, AISI Type No. 303, SAE-AMS-S-7720.  
Casting: Corrosion resistant steel (18-8) Type No. 303. .Passivate per QQ-P-35 after machining.
2. All outside surfaces shall be finished to 125  $\mu$ in R<sub>a</sub>. Surface finish shall be in accordance with ASME B46.1.
3. Unless otherwise specified, all fillets to be .020 radius.
4. Porosity Test: Finished castings shall not leak when subjected to 100 PSI air pressure and submerged in water for 3 minutes.
5. Remove burrs and break sharp edges; .015 Max.
6. Installation: When installed, space surrounding the nipple shall be free of any obstruction as shown in Figure 2.

#### NOTES:

1. Dimensions in inches. Unless otherwise specified, tolerances: Decimals  $\pm$  .010, Angles  $\pm$  1/2 °.
2. Certain provisions of this specification are the subject of international standardization agreement NATO STANAG 3372. When amendment revision, or cancellation of this specification is proposed which will modify the international agreement concerned, the preparing activity will take appropriate action through international standardization channels, including departmental standardization offices, to change the agreement or make other appropriate accommodations.

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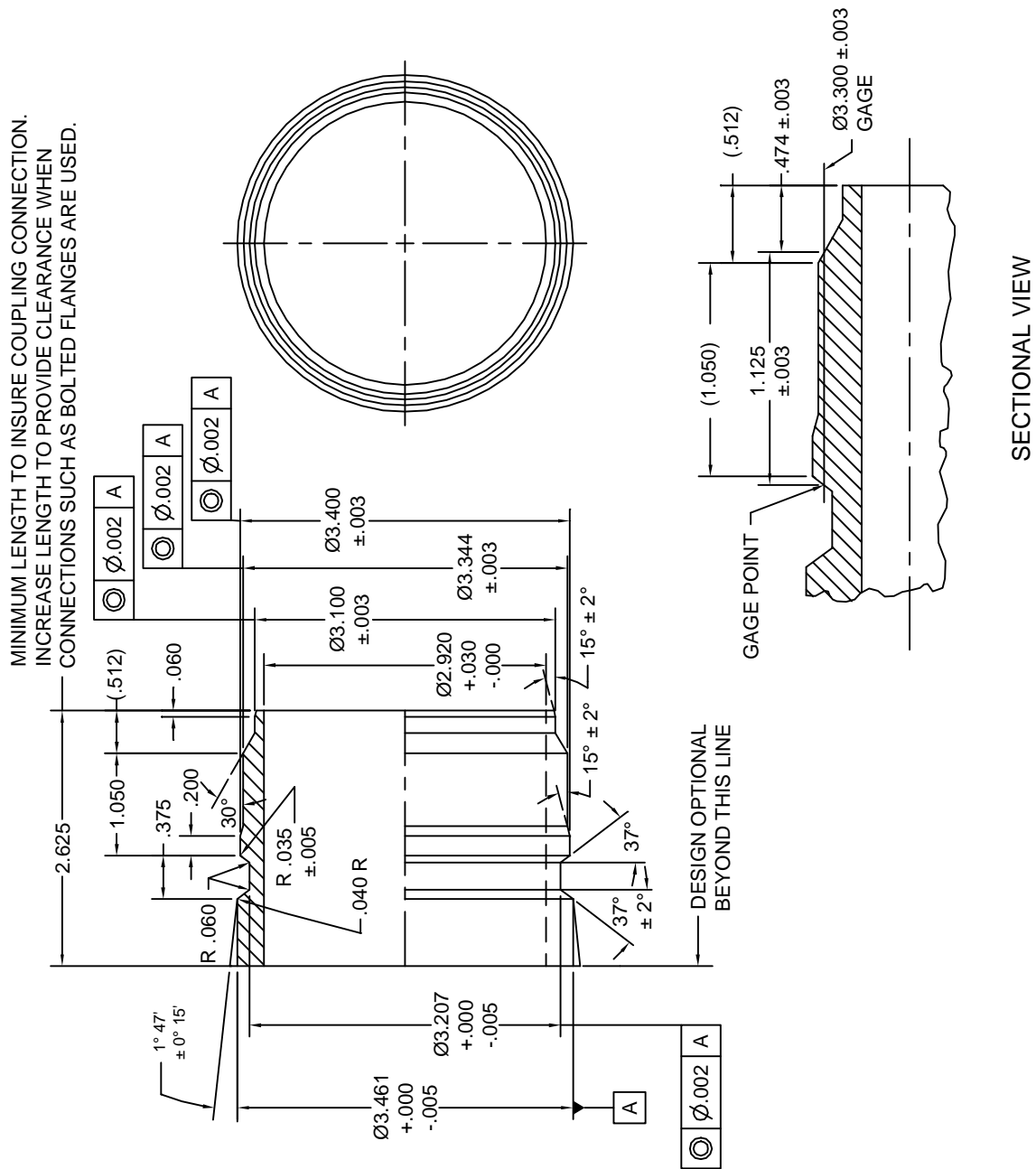


FIGURE 1. Nipple, pneumatic starting, 3 inch ID.

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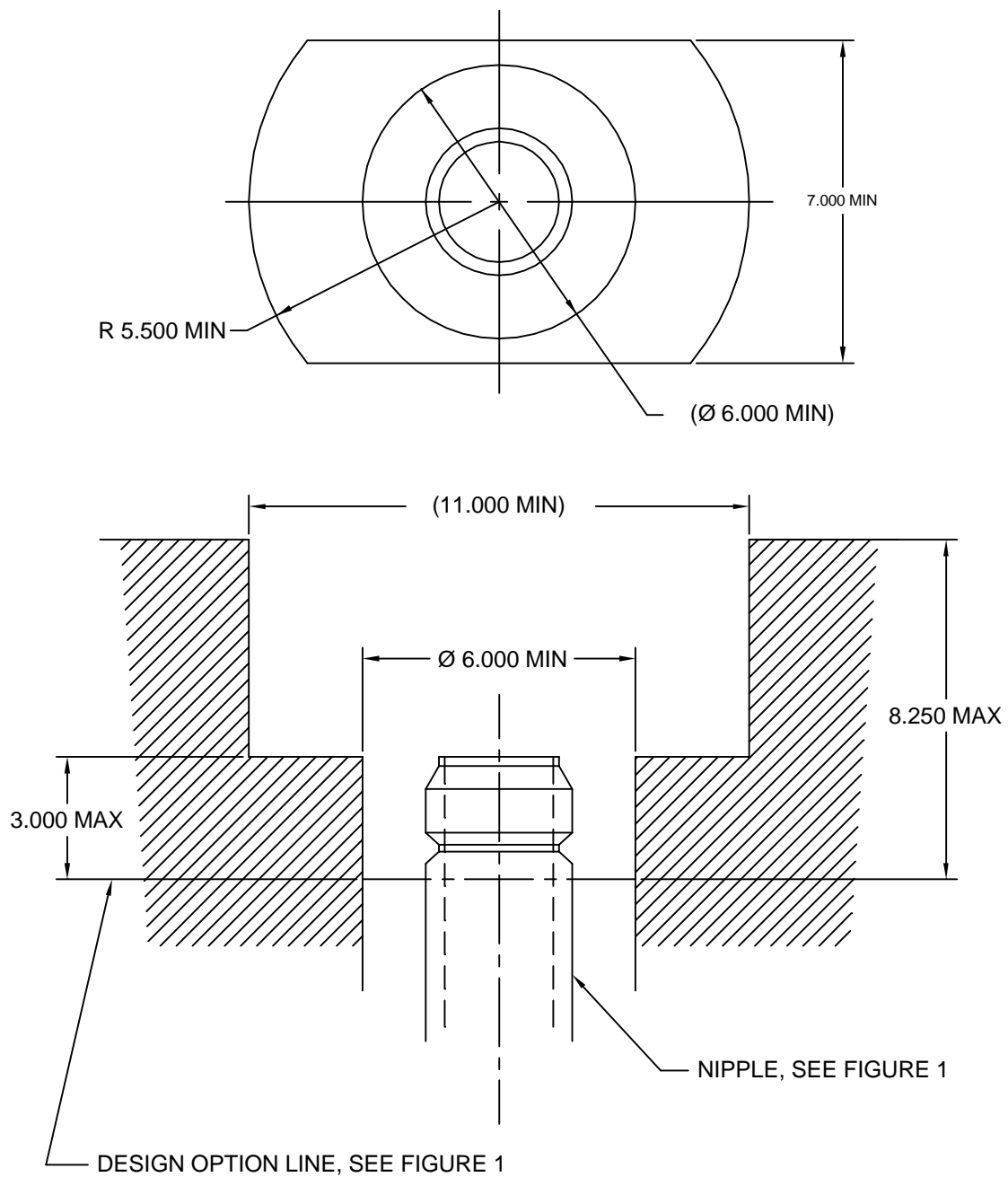


FIGURE 2. Minimum clearance space for ground equipment connector

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Custodians:  
Air Force - 99  
Navy - AS  
DLA - CC

Preparing activity:  
DLA - CC  
  
(Project 4730-0094)

Review activity:  
Air Force - 82