

INCH-POUND

MS17834B
 3 December 2002
 SUPERSEDING
 MS17834A
 23 October 2002

DETAIL SPECIFICATION SHEET

ADAPTER, PNEUMATIC STARTER DUCT, NIPPLE AND FLANGE, MALE

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense. The requirements for acquiring the product describe herein shall consist of this specification sheet and the design and test specified herein.

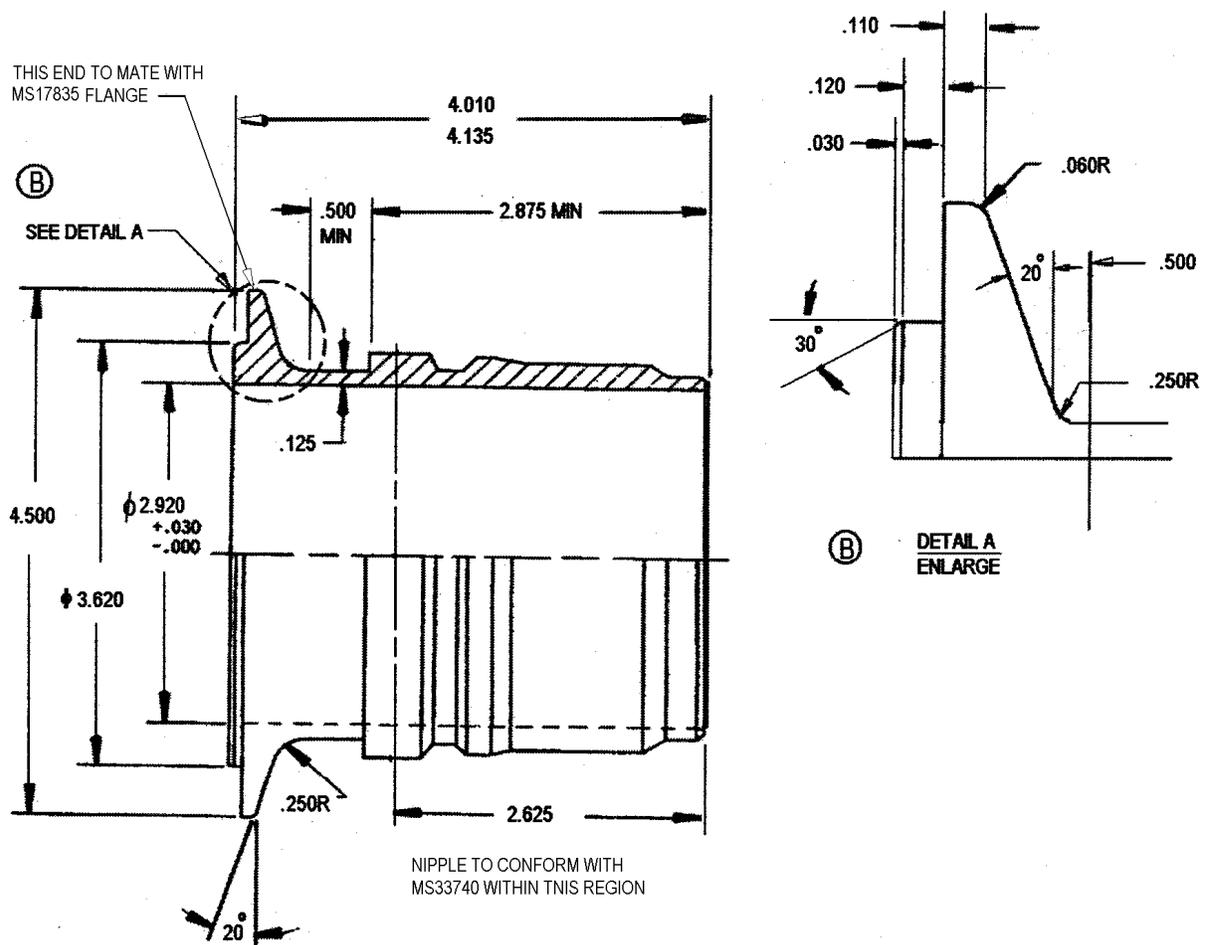


FIGURE 1. Adapter detail dimensions.

MS17834E

Notes to the figure 1.

1. Remove burrs and break sharp edges to .003 -.015 R.
2. Dimensions are in inches. Unless otherwise specified on the drawing, tolerance: decimals $\pm .010$, angles $\pm 0.5^\circ$.
3. Unless otherwise specified on the drawing, all machined fillets to be .020 R.

REQUIREMENTS:

Material: Corrosion Resistant Steel (18-8), AISI Type 303 in accordance with SAE-AMS5640, ASTM-A484, or ASTM-A582.

Finish: Clean and descale in accordance with ASTM-A380 and passivate in accordance with SAE-AMS-QQ-P-35 after machining.

Surface roughness: Maximum roughness 125 micro-inches R_a on all machined surfaces in accordance with ASME-B46.1.

Porosity test: Finished fitting shall not leak when subjected to 100 PSI air pressure and submerged in water for 3 minutes.

Notes:

1. In the event of a conflict between the text of this specification sheet and the references cited herein, the text of this specification sheet shall take precedence.
2. Referenced documents shall be of the issue in effect on the date of invitation for bid.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue on DD Form 672-1. In this revision, the previous MS standard is reformatted to military specification sheet to be in accordance with MIL-STD-961D.

CONCLUDING MATERIAL

Custodians:

Army - AV
Navy - AS
Air Force - 99

Preparing activity:

Navy - AS

(Project: 4730-2348)

Review activities:

Army - AT
Navy - MC, SA
Air Force - 71
DLA - CC