

NOT MEASUREMENT SENSITIVE

MIL-R-46082B  
AMENDMENT 6  
9 January 1990  
SUPERSEDING  
MIL-R-46082B  
AMENDMENT 5  
19 January 1988

## MILITARY SPECIFICATION

## RETAINING COMPOUNDS SINGLE COMPONENT, ANAEROBIC

This amendment forms a part of Military Specification MIL-R-46082B, dated 10 June, 1983, and is approved for use by all Departments and Agencies of the Department of Defense.

Page 2

## Paragraph 2.1.1 Standards, Military

Line 6

Delete "Method 508.2 - Fungus"  
Add "Method 508.3 - Fungus"

Page 3

Replace paragraph 3.3.4 with the following:

"3.3.4 Condition in container. The unpolymerized compound, when tested in 4.6.1.4 shall be smooth and homogeneous and shall be free from lumps and caked material."

Page 7

Replace paragraph 4.6.1.4 with the following:

"4.6.1.4 Condition in container. One milliliter of the compound shall be placed in 10 ml of a solution of 1,1,1-trichloroethane containing 5 percent by volume of acetone. Five minutes after shaking, the compound shall comply with 3.3.4."

Page 10

Replace paragraph 4.6.2.1.1, line 1 to 5 with the following:

"4.6.2.1.1 Preparation of specimens. (see 6.14) Each specimen shall be comprised of a pin 0.498 to 0.499 in. (12.65 to 12.675mm) in diameter and a slip collar 0.500 to 0.501 in. (12.7 to 12.725mm) inside diameter by 0.435 to 0.439 in. (11.05 to 11.15mm) wide, both components finished to 32 to 64  $\mu$ in. (0.8 to 1.6)  $\mu$ m with 0.001 to 0.003 in. (0.025 to 0.075mm) diametral clearance between the pin and collar (see figure 2).

AMSC N/A

FSC 8030

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MIL-R-46082B  
AMENDMENT 6

Line 6

Change to read

"UNS designation G11170 or G12130 (1213 or 12 L14) of ASTM A108"

Line 9

Delete last two sentences. Replace with the following:

"Apply sufficient adhesive to the circumference of the pin which has no nicks to cause stick or drag. Begin at one end to completely cover an area the width of the collar in its final position. Also apply sufficient adhesives to completely cover the interior of the collar 360 degrees. Slip the collar over the coated end of the pin with at least 180 degrees of rotation as the collar travels over the adhesive. Repeat a back and forth rotation until the collar exhibits a smooth, consistent resistance to rotation. This technique is appropriate only for adhesives with liquid characteristics in the viscosity range of 10-10,000 cP. (Thixotropic materials with high measured viscosity may exhibit lower viscosity than 10,000 cP during assembly.)"

Page 12

Paragraph 4.6.2.2

Line 3

Delete "Method 508.2 of MIL-E-5272"

Add "Method 508.3 of MIL-STD-810"

Page 19

Delete figure 2

Replace with figure 2-Pin and Collar Assembly

Custodians:

Army - MR  
Navy - AS

Preparing activity:

Army - MR

Project 8030-0621

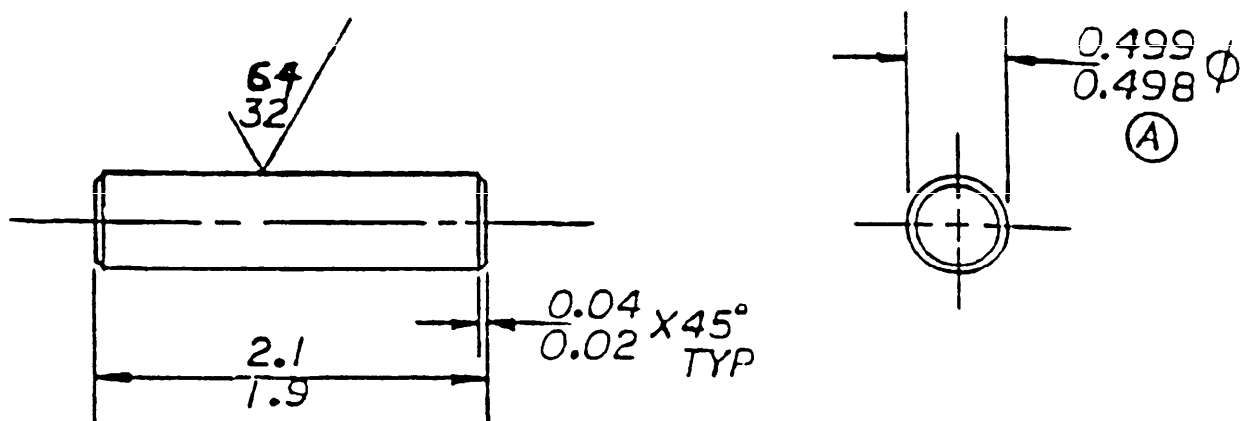
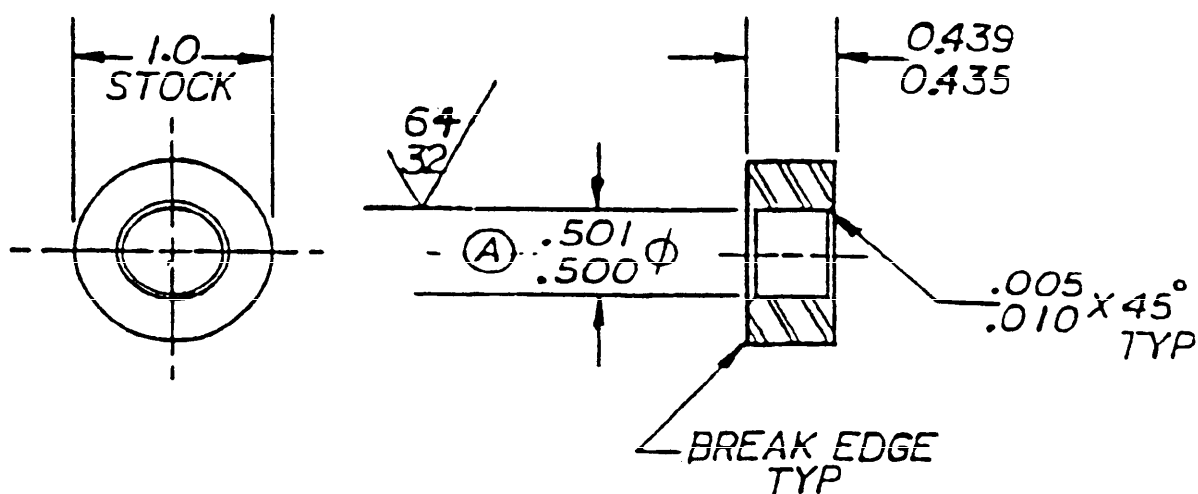
Review activities:

Army - MI, ER, MD, ME  
Navy - SH

User activity:

Navy - AS

(WP# ID 0368A/DISC 0030A. FOR MTL USE ONLY)

MIL-R-46082B  
AMENDMENT 6PINCOLLAR

NOTE 1—ALL DIMENSIONS ARE IN INCHES

NOTE 2—MATERIAL : AISI 12L14 OR UNSG 12144

NOTE 3—DIMENSIONS MARKED "A" TO HAVE A CLEARANCE OF .001 TO .003

FIG.2 PIN AND COLLAR ASSEMBLY