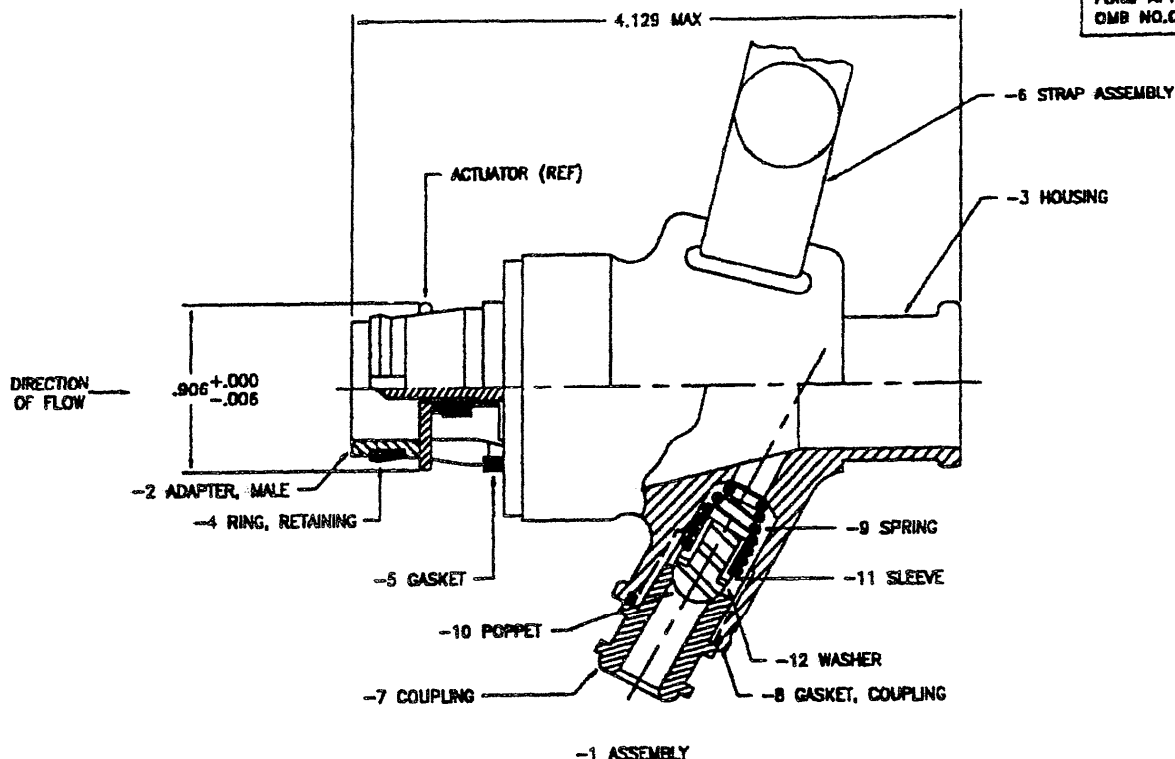


REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THE SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE SOLICITATION: MIL-C-19248

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

FORM APPROVED  
OMB NO.0704-0188



**NOTES:**

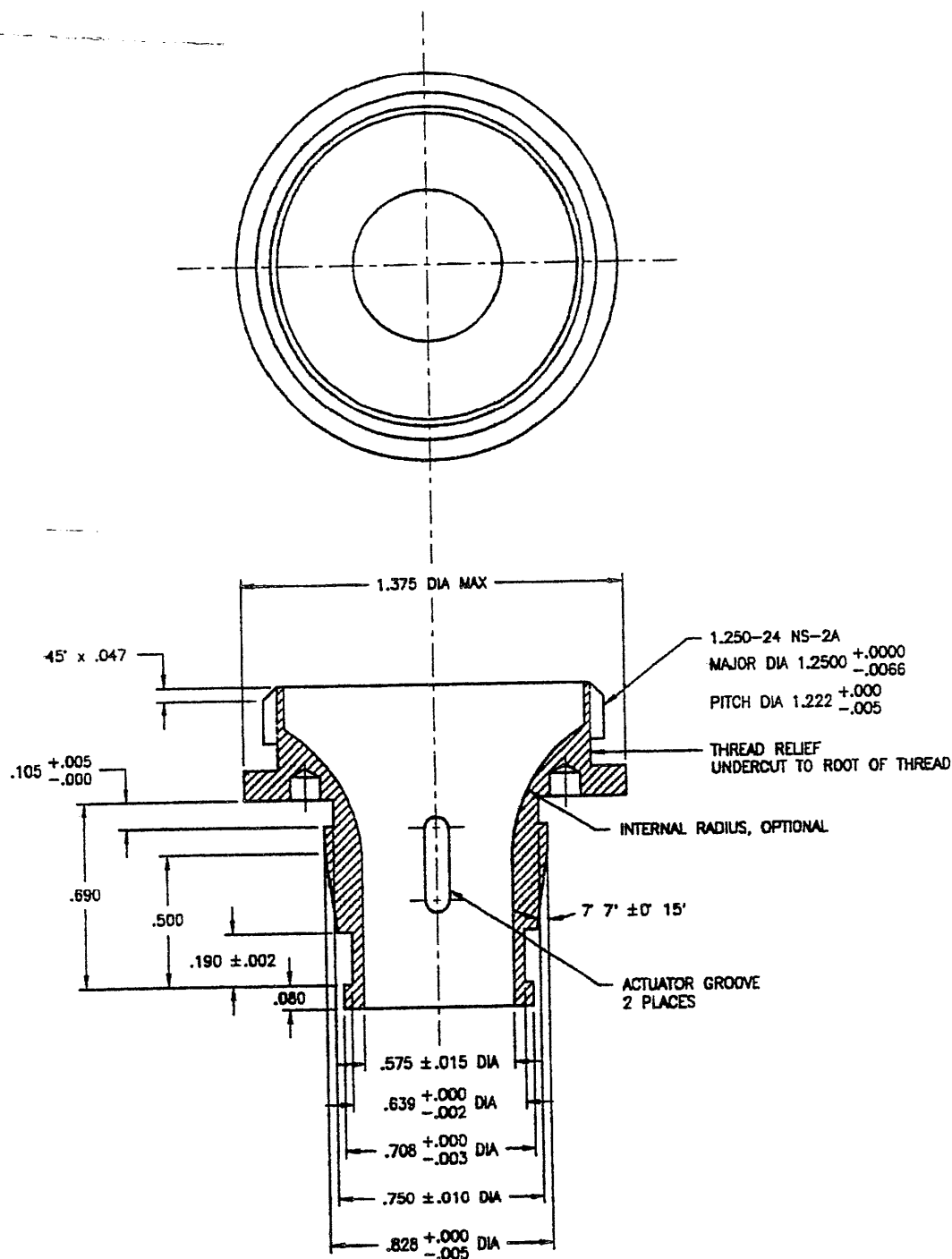
1. **MATERIAL:**
  - 2 AND -3 SHALL BE ALUMINUM ALLOY, QQ-A-591, ALLOY NO. 360, OR ALUMINUM ALLOY, QQ-A-596, ALLOY 356.
  - 4 SHALL BE SPRING STEEL WIRE, MIL-S-8559, SPRING TEMPER, MIL-H-8875.
  - 5 SHALL BE RUBBER, ZZ-R-765 CLASS 3, GRADE 50.
  - 7 SHALL BE BRASS, QQ-B-626, ALLOY 360 HALF HARD.
  - (E) -8 SHALL BE PACKING, OMNI LIGHT, STYLE 961 OR EQUIVALENT. [SOURCE FOR OMNI LIGHT STYLE 961 - J.M. CLIPPER CORP. (CAGE CODE 48482), 403 INDUSTRIAL DRIVE, NACOGDOCHES, TX 75961].
  - 9 SHALL BE MUSIC WIRE, STEEL, QQ-W-470.
  - 10 SHALL BE RUBBER 65% OF NEW FIRST QUALITY, NON-BLOOMING AND MAY CONTAIN 20% OF REGRIND RUBBER OF THE SAME OR EQUAL STOCK. PHYSICAL CHARACTERISTICS, TO BE ACCEPTABLE TO PROCURING AGENCY 60 ± 5 DUROMETER HARDNESS.
  - 11 SHALL BE ALUMINUM ALLOY, QQ-A-225/8, TEMPER T-4.
  - 12 SHALL BE ALUMINUM ALLOY, QQ-A-250/4, TEMPER T-3.
  - 13 SHALL BE TAPE, NYLON, MIL-W-4088, TYPE I CUT LENGTH 14.250 ± .250.
2. **FINISH:**
  - ANODIZE PER MIL-A-8625. -2, TYPE II, RED, -3, TYPE II, -11 AND -12, TYPE I.
  - CHROMEPLATE -4 PER QQ-C-320, CLASS 2, TYPE I, .0003 MIN. THICKNESS.
  - CADMIUM PLATE -7 AND -9 PER QQ-P-416, TYPE II CLASS 3 OR ZINC PLATE, QQ-Z-325, TYPE II, CLASS 2.
  - STRAP ASSEMBLY -6 SHALL BE OLIVE DRAB, COLOR 34087 OF FED STD NO. 595.
3. **SURFACE TEXTURE:**
  - IN ACCORDANCE WITH ANSI B46.1 "-2 ADAPTER MALE" SHALL BE 63 MICROINCHES ALL OVER. -3 HOUSING AND -4 RETAINING RING SHALL BE 125 MICROINCHES ON ALL SURFACES, EXCEPT AS NOTED.
4. HEAT -9 SPRINGS 500 TO 550°F FOR 5 MINUTES AFTER FORMING. LOAD AT .281 LENGTH IS 3LB ± 10 PERCENT. NO. OF COILS = 8-1/2 ± 1/4. ACTIVE COILS = 4-1/2 ± 1/4.
5. REMOVE ALL BURRS AND SHARP EDGES.
6. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .005, ANGLES ± 1/2°.
7. THE BALOUT COUPLING SHALL BE TIGHTENED TO THE CONNECTOR HOUSING WITH A TORQUE OF 45 ± 5 INCH LBS.
- (E) 8. THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28.
- (E) 9. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- (E) 10. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

(E) DENOTES CHANGES

PREPARING ACTIVITY: NAVY-AS CUSTODIANS: ARMY- AV AIR FORCE- REVIEW: PROJECT NUMBER: 1680-0885	<b>MILITARY SPECIFICATION SHEET</b> TITLE: CONNECTOR, OXYGEN MASK HOSE, TYPE MC-3A	SPECIFICATION SHEET NUMBER <b>MS22016</b> REV E 4 NOV 94 SUPERSEDING MS22016 REV D 20 FEB 73 AMSC - N/A FSC 1680
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THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.



-2 ADAPTER MALE

PREPARING ACTIVITY: NAVY-AS

CUSTODIANS: ARMY- AV

AIR FORCE-

REVIEW:

PROJECT NUMBER: 1660-D665

# MILITARY SPECIFICATION SHEET

TITLE:

CONNECTOR, OXYGEN MASK HOSE, TYPE MC-3A

SPECIFICATION SHEET NUMBER

**MS22016**

REV E  
4 NOV 94

SUPERSEDING  
MS22016 REV D

20 FEB 73

AMSC - N/A

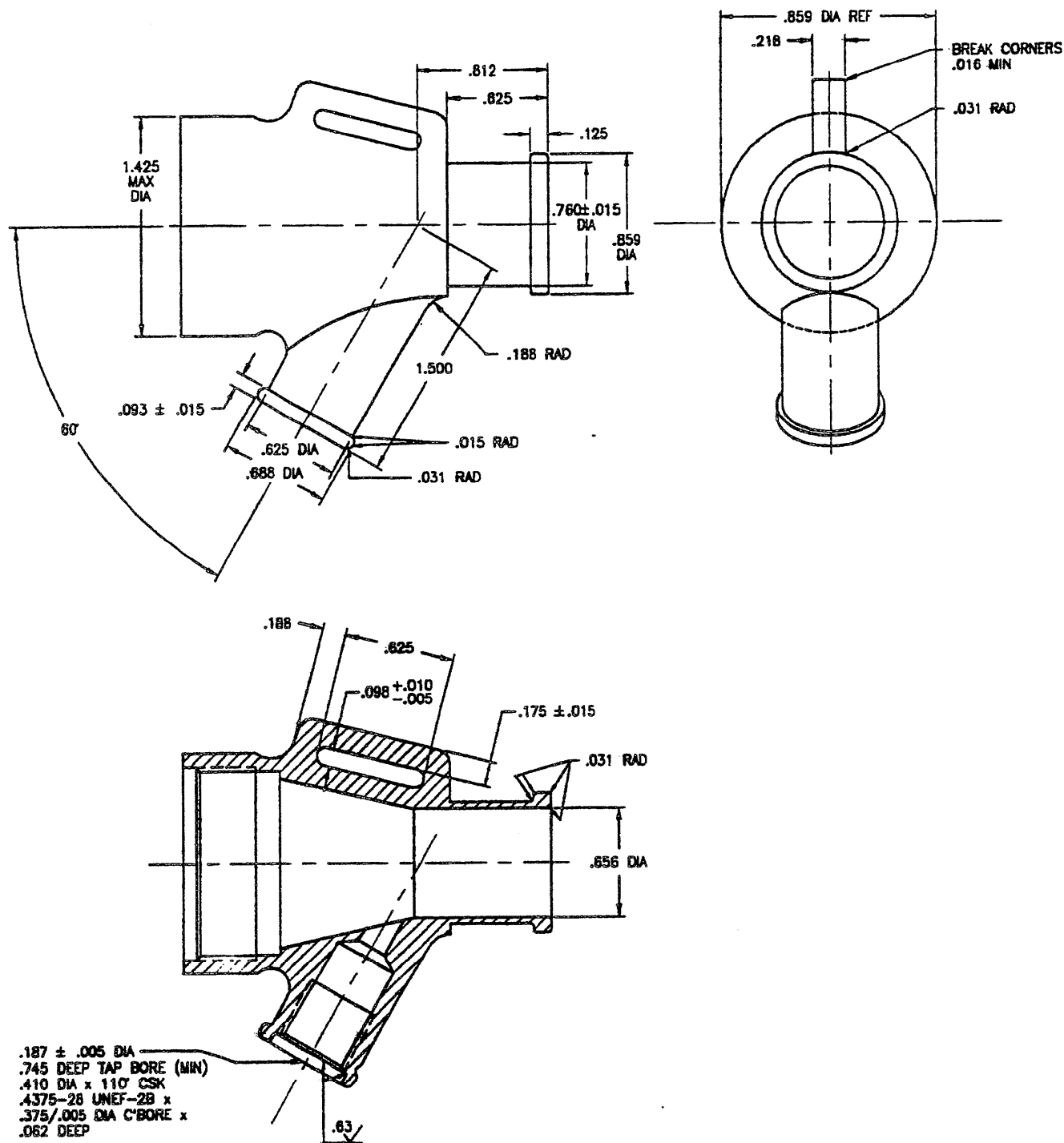
FSC 1660

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-3 HOUSING

PREPARING ACTIVITY: NAVY-AS  
CUSTODIANS: ARMY- AV  
AIR FORCE-

REVIEW:

PROJECT NUMBER: 1660-0665

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

# MILITARY SPECIFICATION SHEET

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CONNECTOR, OXYGEN MASK HOSE, TYPE MC-3A

SPECIFICATION SHEET NUMBER

**MS22016**

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4 NOV 94

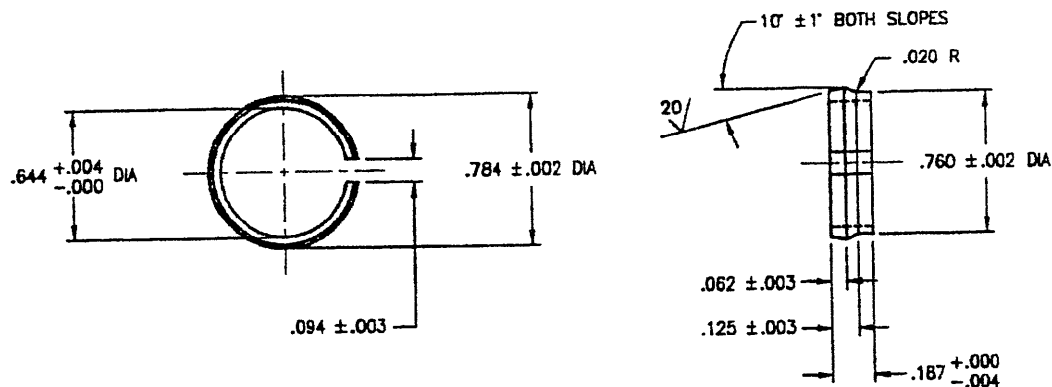
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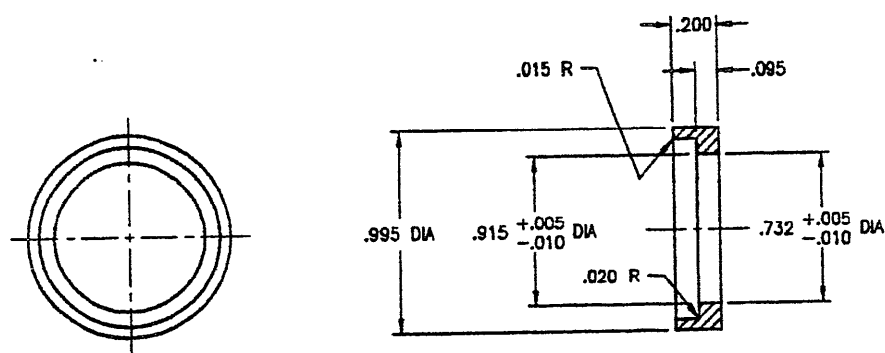
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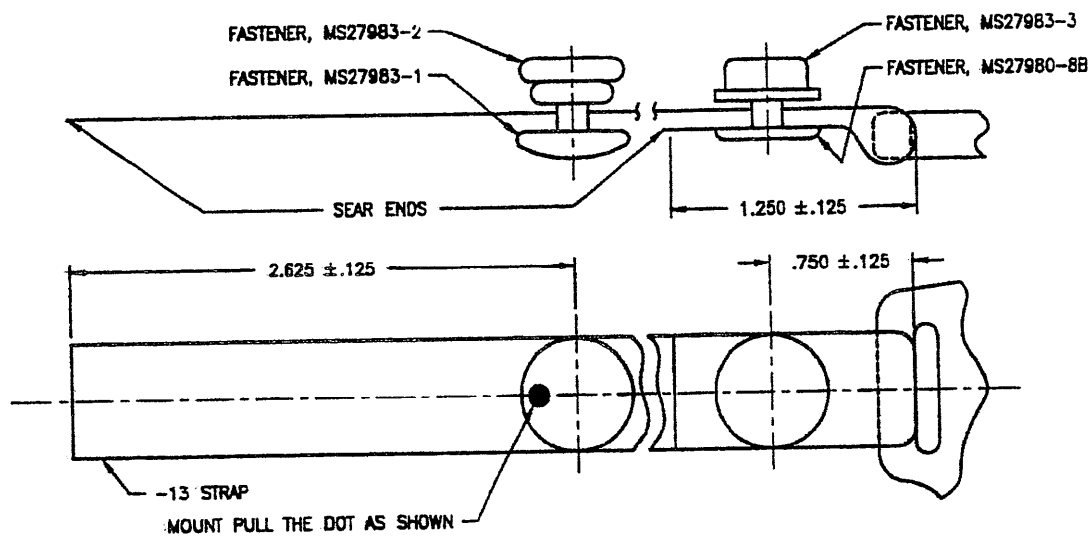
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-4 RETAINING RING



-5 GASKET



-6 STRAP ASSEMBLY

PREPARING ACTVITY: NAVY-AS  
CUSTODIANS: ARMY- AV  
AIR FORCE--  
REVIEW:

PROJECT NUMBER: 1660-0665

# MILITARY SPECIFICATION SHEET

TITLE:

CONNECTOR, OXYGEN MASK HOSE, TYPE MC-3A

SPECIFICATION SHEET NUMBER

**MS22016**

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4 NOV 84

SUPERSEDING  
MS22016 REV D 20 FEB 73

AMSC - N/A

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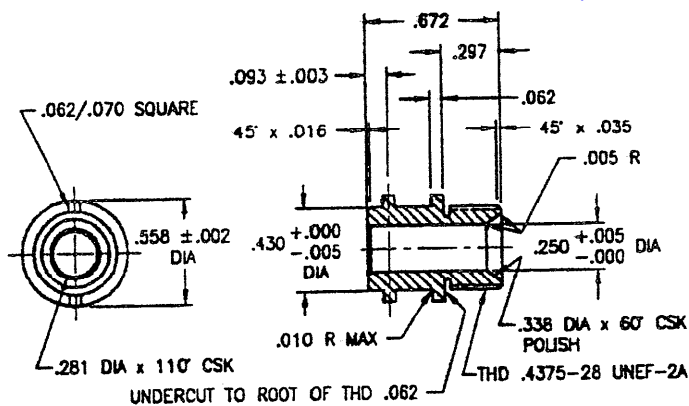
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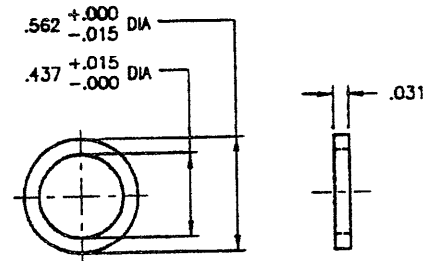
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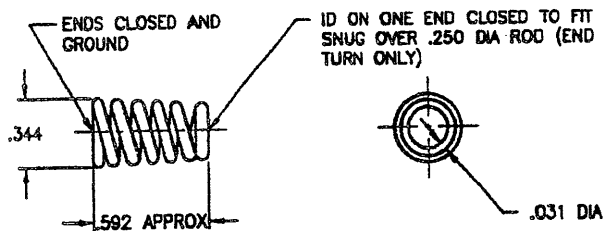
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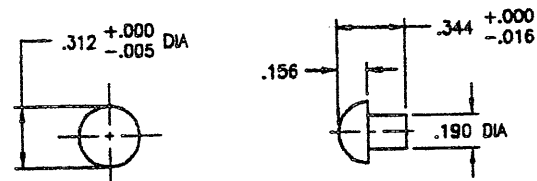
-7 COUPLING



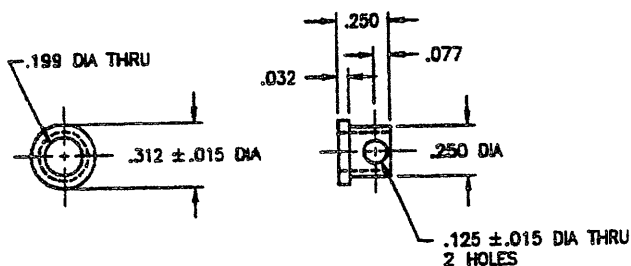
-8 GASKET COUPLING



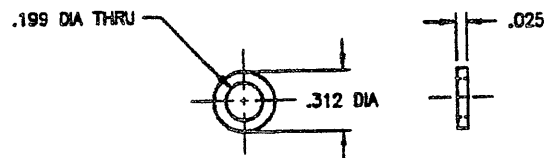
-9 SPRING



-10 POPPET



-11 SLEEVE



-12 WASHER

PREPARING ACTIVITY: NAVY-AS  
CUSTODIANS: ARMY-AV  
AIR FORCE-  
REVIEW:

PROJECT NUMBER: 1660-0665

# MILITARY SPECIFICATION SHEET

TITLE:

CONNECTOR, OXYGEN MASK HOSE, TYPE MC-3A

SPECIFICATION SHEET NUMBER

**MS22016**

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