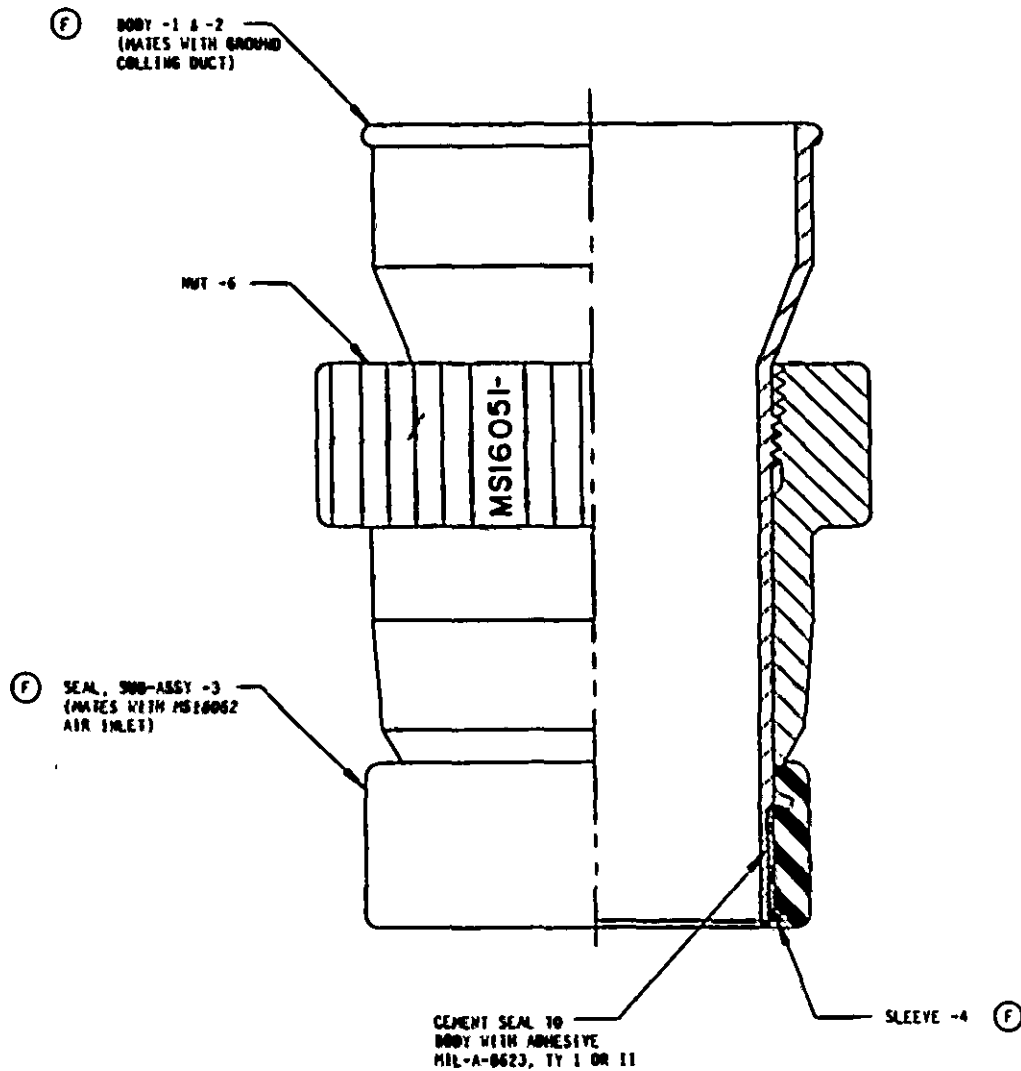


FED. SUP CLASS
4730

COUPLING ASSEMBLY

F NOTES CHANGES

P.A. NAVY - AS Other Cust	TITLE COUPLING, GROUND COOLING, COMBAT TYPE AIRCRAFT	MILITARY STANDARD MS16051(AS)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: NAF 502501	SHEET 1 OF 4

DD FORM 1672-1 (limited circulation)

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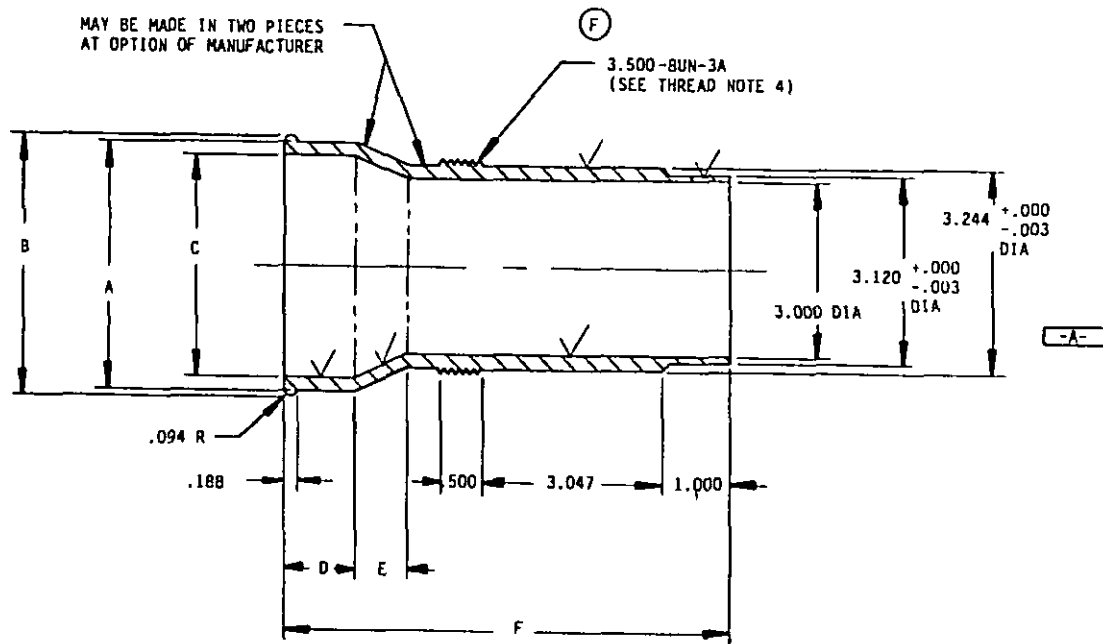
PROJECT NO. 4730-0805

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AMSC N/A

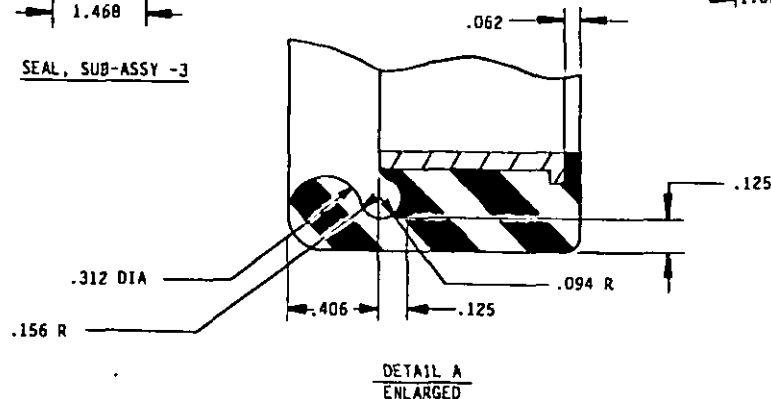
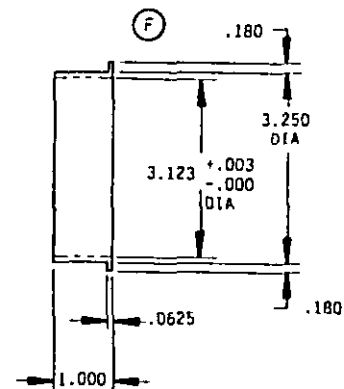
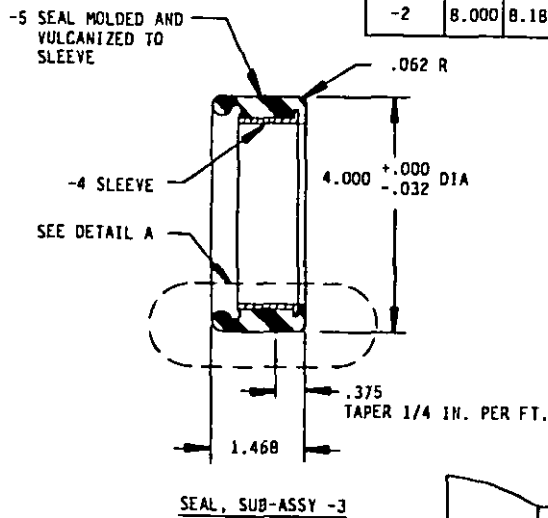
REVISED F 16 JAN 1987

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FED. SUP CLASS
4730

(F) TABLE II. Dimension Data

DASH NO	A	B	C	D	E	F
-1	4.000	4.188	3.750	1.281	0.906	7.313
-2	8.000	8.188	7.750	1.281	4.227	10.825



REVISED (F) FOR CHANGES SEE SHTS 1 THRU 4

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P.A.
NAVY - AS
Other Cust

TITLE

COUPLING, GROUND COOLING, COMBAT
TYPE AIRCRAFT

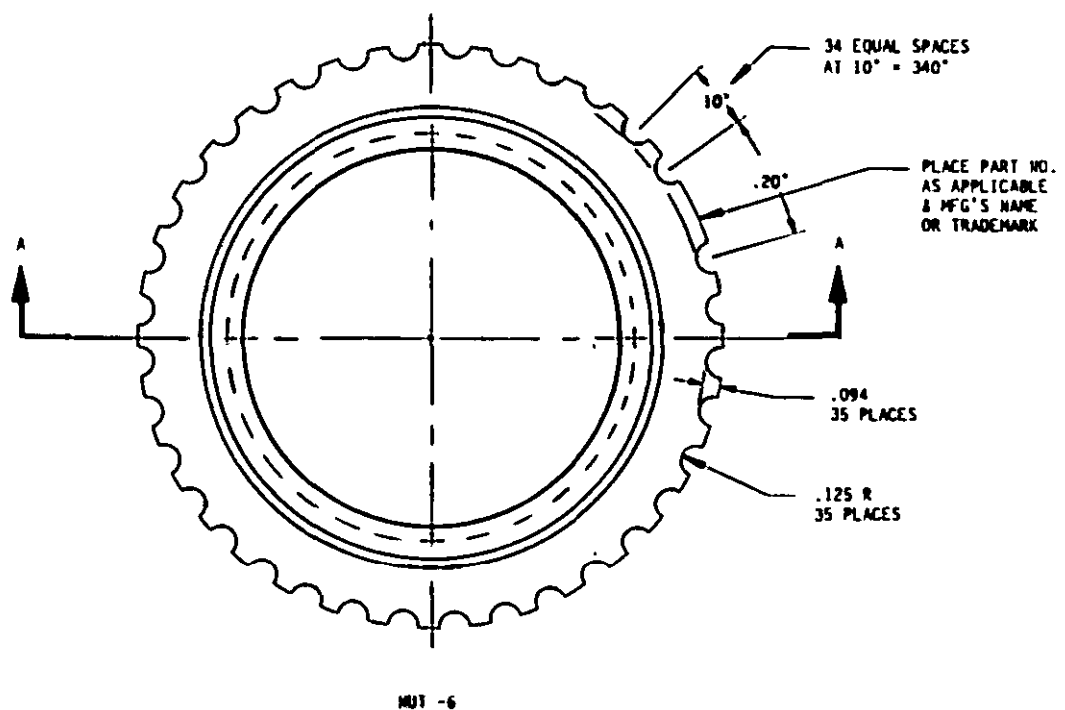
MILITARY STANDARD

MS16051(AS)

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES: NAF 502581

SHEET 2 OF 4



MUT -6

PROCUREMENT SPECIFICATION
NONE

COUPLING, GROUND COUPLING, CRUISE TYPE
AIRCRAFT

MMF 507501

MILITARY STANDARD
MS16051(AS)

SHEET 3 OF 4

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FED. SUP CLASS
4730REQUIREMENTS:

1. MATERIAL:

- (F) A. BODY, ALUMINUM ALLOY IN ACCORDANCE WITH QQ-A-225/6, OR TUBING WW-T-700/6 TEMPER T6 OR CAST FROM QQ-A-591, QQ-A-596, OR MIL-C-21180.
- (F) B. SLEEVE, ALUMINUM ALLOY, IN ACCORDANCE WITH QQ-A-225/6 OR WW-T-700/6 TEMPER T6.
- C. NUT, PLASTIC, POLYAMIDE (NYLON) IN ACCORDANCE WITH L-P-410, TYPE 6/6.
- (F) D. SEAL, MOLDED RUBBER IN ACCORDANCE WITH MIL-R-6855, CLASS 2, GRADE 40, TYPE A.
2. FINISH: BODY SHALL BE FINISHED IN ACCORDANCE WITH MIL-A-8625, TYPE I OR II, CLASS 1.
- (F) 3. SURFACE ROUGHNESS: SURFACES MARKED ✓ TO HAVE 125 MICROINCHES PHR MAXIMUM SURFACE TEXTURE SHALL BE IN ACCORDANCE WITH ANSI B46.1.
4. THREADS: THREAD DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH FED-STD-H28.
5. HEAT TREAT: SLEEVE SHALL BE HEAT TREATED IN ACCORDANCE WITH MIL-H-6088, ULTIMATE TENSILE STRESS 62,000 PSI MIN TO 64,000 PSI MAX.

NOTES:

1. BREAK ALL SHARP EDGES AND REMOVE ALL BURRS.
- (F) 2. UNLESS OTHERWISE SPECIFIED, DIMENSION ARE IN INCHES.
TOLERANCES: DECIMALS $\pm .010$; ANGLES $\pm 1^\circ$
3. "CERTAIN PROVISIONS OF THIS DOCUMENT ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS NATO STANAG 3917. WHEN CHANGE NOTICE, REVISION, OR CANCELLATION OF THIS DOCUMENT IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY SHALL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED."
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REVISED (F) FOR CHANGES SEE SHTS 1 THRU 4

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P.A.
NAVY — AS
Other Cust

TITLE

COUPLING, GROUND COOLING, COMBAT
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MILITARY STANDARD

MS16051(AS)

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES: NAF 502581

SHEET 4 OF 4