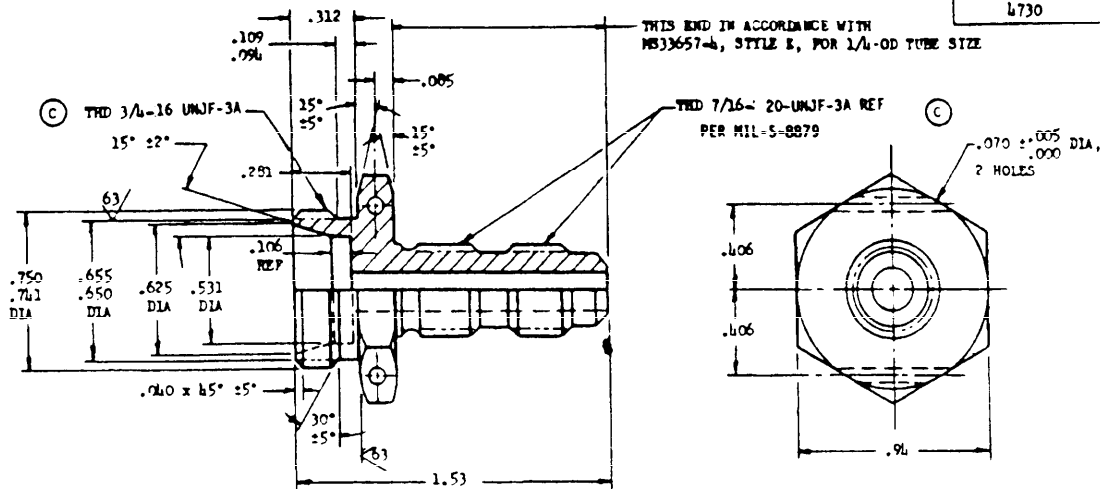


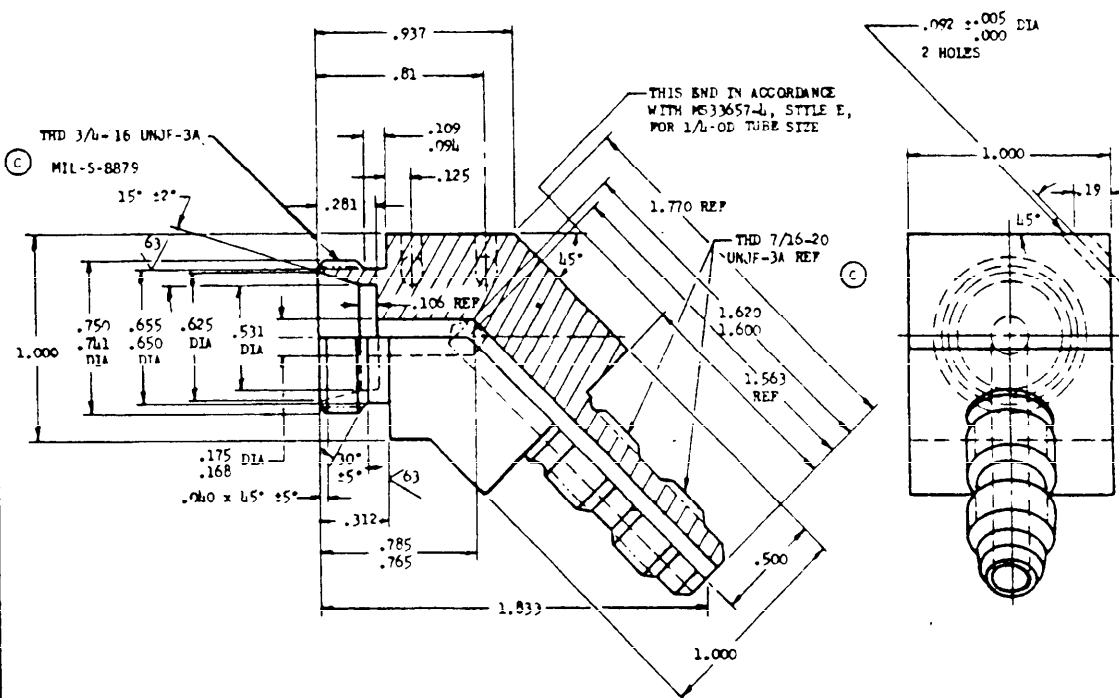
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<p>COUPLING, STRAIGHT</p> <table border="1"> <thead> <tr> <th>ASSY DASH NO.</th> <th>FIN</th> <th>MAX WT LB</th> </tr> </thead> <tbody> <tr> <td>-41</td> <td></td> <td>.065</td> </tr> </tbody> </table>		ASSY DASH NO.	FIN	MAX WT LB	-41		.065	<p>COUPLING, 45°</p> <table border="1"> <thead> <tr> <th>ASSY DASH NO.</th> <th>FIN</th> <th>MAX WT LB</th> </tr> </thead> <tbody> <tr> <td>-40</td> <td></td> <td>.145</td> </tr> </tbody> </table>		ASSY DASH NO.	FIN	MAX WT LB	-40		.145
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<p>COUPLING TEST REQUIREMENTS:</p> <p>BURST PRESSURE. COUPLINGS SHALL WITHSTAND A BURST PRESSURE OF 180 PSI WITHOUT FAILURE. THE UNIT SHALL WITHSTAND THIS PRESSURE IN THE COUPLED AND UNCOUPLED POSITIONS.</p> <p>DISENGAGED LEAKAGE. THE DISENGAGED LEAKAGE OF FREE AIR SHALL HAVE A MAXIMUM VALUE OF 1 CU IN. PER MINUTE AT A PRESSURE OF 120 PSI.</p> <p>ENGAGED LEAKAGE. THERE SHALL BE NO LEAKAGE WHEN THE COUPLING IS ENGAGED WITH AN APPLIED PRESSURE OF 120 PSI.</p> <p>CAP SHALL BE SO DESIGNED THAT IT WILL NOT BECOME DISENGAGED FROM THE INLET PORT OF THE COUPLING AS A RESULT OF VIBRATION OR SHOCK IN SERVICE USE. THERE SHALL BE NO EVIDENCE OF LEAKAGE WITH 60-PSI INTERNAL AIR PRESSURE APPLIED TO THE ASSEMBLED CAP AND COUPLING WITH THE COUPLING CHECK VALVE BLOCKED OPEN.</p>															
<p>(C) MATERIAL: ADAPTERS, NIPPLE AND POPPET: ALUMINUM ALLOY, SPECIFICATION DG-A-200/3 SPRING: COR-ROS STEEL, CLASS 702 ANNEALED PER ASTM A493; CAP: ALUMINUM ALLOY. FINISH: ADAPTERS, NIPPLE AND POPPET: ANODIZE, SPECIFICATION MIL-A-8625; CAP: SUITABLE FINISH. COLOR IDENTIFICATION: EACH CAP AND THE BODY OF EACH COUPLING SHALL BE MARKED WITH A RED COLOR IN CONFORMANCE WITH SPECIFICATION MIL-F-8615.</p>															
<p>(C) ROUGHNESS HEIGHT RATING: ADAPTERS, NIPPLE AND POPPET 125 EXCEPT AS NOTED. SURFACE ROUGHNESS IN ACCORDANCE WITH STANDARD ANSI B46-1</p>															
<p>REMOVE ALL BURRS AND SHARP EDGES. UNLESS OTHERWISE SPECIFIED, ALL MACHINED CORNERS AND FILLETS .020 RAD.</p>															
<p>SAFETY WIRING OF NIPPLE TO ADAPTER SHALL CONFORM TO STANDARD MS33540, FIGURE 1.</p>															
<p>THREADS IN ACCORDANCE WITH SPECIFICATION PER-MIL-S-8879</p>															
<p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: TWO-PLACE DECIMALS ±.03, THREE-PLACE DECIMALS ±.010, ANOLES ±.02.</p>															
<p>SEE SHEETS 2 OF 3 AND 3 OF 3 FOR DETAILS.</p>															
<p>INACTIVE FOR NEW DESIGN AFTER 28 DEC 1967. NO SUPERSEDING STANDARD.</p>															
<p>THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.</p>															
<p>REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>															
<p>THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT THE SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN, AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 1 DAY AFTER THE LATEST DATE OF APPROVAL SHOWN.</p>															
<p>(C) DENOTE CHANGES</p>															
<p>P. A. Navy-AS Other Cust: (C) USAF - 94 ARMY - AV</p>		<p>OTHER INT. A - AF -</p>													
<p>PROCUREMENT SPECIFICATION NONE</p>		<p>SUPERSEDES: MS21957 (ASG) (C)</p>													
<p>DD FORM 672-1 (Coordinated)</p>		<p>PROJECT NO. 4730-1001</p>													

APPROVED 15 APR 1967 REVISED (C) 28 SEPT 1967

FED SUP CLASS
4730

STRAIGHT ADAPTER DETAIL



45° ADAPTER DETAIL

SEE SHEET 1 OF 3 FOR NOTES.

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P.A. Navy-AS	OTHER INT.	MILITARY STANDARD		MS21957	
Other Cust:	A - N - AF -				
USAF - 99		COUPLING, QUICK-DISCONNECT, LOW-PRESSURE AIR CONNECTION, BULKHEAD FITTING END, 1/4 TUBE SIZE		SHEET 2 OF 3	
ARMY - AV					
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	MS21957 (ASG)			

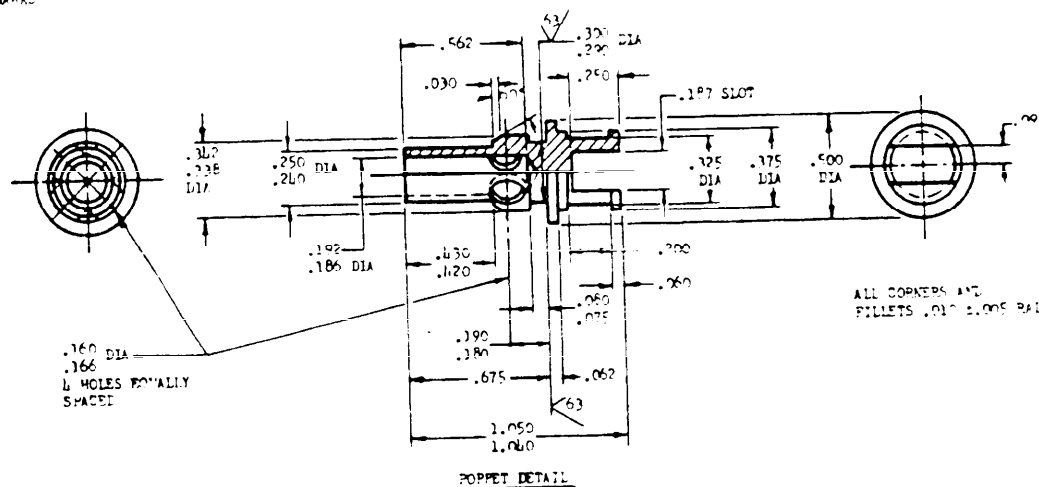
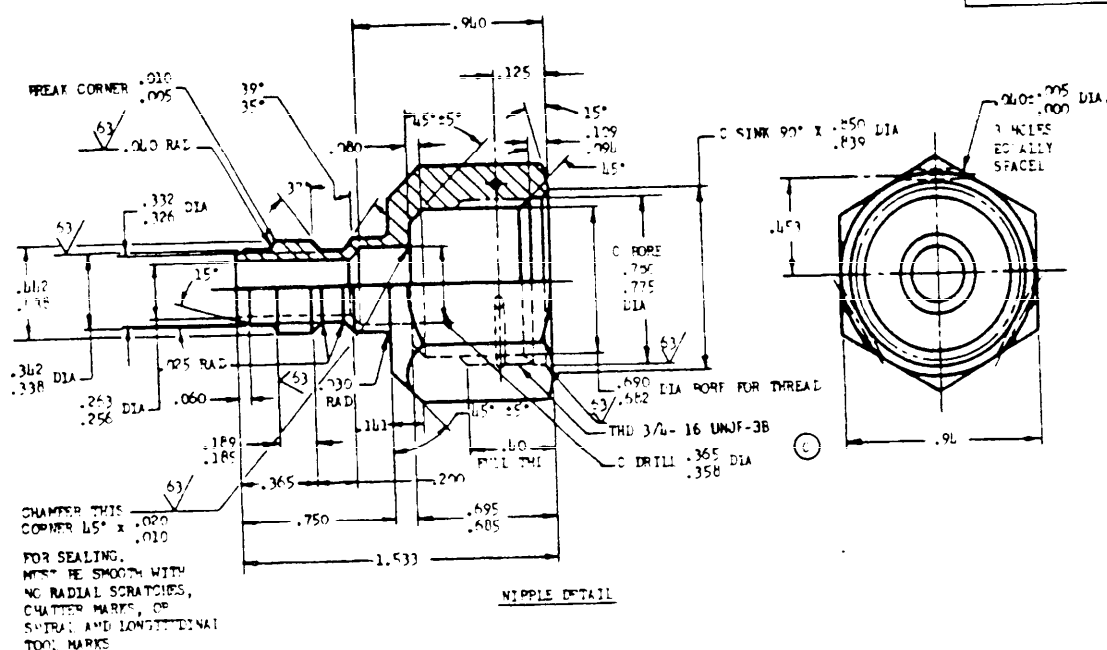
DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

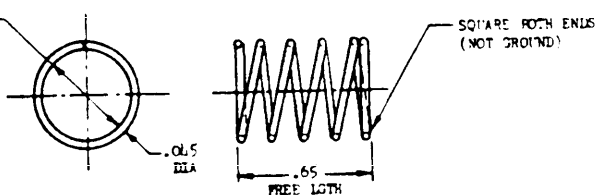
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ACTIVE COILS = 3.1
TOTAL COILS = 5.1
INSTALLED LENGTH = .500
INSTALLED LOAD = 3.00 LB
RATE = 19.9 LB/1"



SEP. SHEET 1 OF 3 FOR NOTES.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
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 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.

DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.					
P.A. Navy-AS Other Cust:		OTHER INT. A - N - AF -	MILITARY STANDARD		MS21957
(C) USAF - 99 ARMY - AV			CONTINUING, QUICK-DISCONNECT, LOW-PRESSURE AIR CONNECTION, MILKHEAD FITTING END, 1/4" TUBE SIZE		
PROCUREMENT SPECIFICATION NONE			SUPERSEDES: MS21957 (ASG) (C)		SHEET 3 OF 3

AMSC M/A

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