

USER SYMBOLS:

REVIEWER SYMBOLS:

"Review/user information is current as of the date of this document.
For future coordination of changes to this document, draft circulation
should be based on the information in the current DODISS."

This military standard is approved for use by all Departments
B. Agencies of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.

FED. SUP CLASS 4730																																																										
<p style="text-align: center;">FIGURE 1</p>	<p style="text-align: center;">FIGURE 2</p>	<p style="text-align: center;">FIGURE 3</p>																																																								
<p>REQUIREMENTS:</p> <ol style="list-style-type: none"> 1. MATERIAL: NICKEL-COPPER ALLOYS QQ-N-281 AND QQ-N-286. (E) 2. SEE TABLE: <ol style="list-style-type: none"> (a) PIPE THREAD SHALL BE MODIFIED (DRYSEAL) TAPER PIPE THREAD, NPTF, IN ACCORDANCE WITH FED-STD-H28/8, SCREW THREAD STANDARDS FOR FEDERAL SERVICES, EXCEPT THAT LENGTH OF EFFECTIVE THREAD L2 IS SHORTENED BY ONE THREAD ON SMALL END AND ONE THREAD ON LARGE END. SMALL END OF THREAD SHALL GAGE FROM FLUSH TO MINUS ONE AND ONE-HALF TURNS FROM SMALL END OF DRYSEAL (NPTF-L1) THIN RING GAGE. WIDTH OF FLAT ON THREAD CREST MAY BE .007 MAXIMUM. (b) EFFECTIVE THREADS. 3. SURFACE OR THROAT CHECK OPTIONAL. 4. ACCEPTABLE TIP DESIGN - IN ACCORDANCE WITH STANDARD MS15000. 																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MS PART NO.</th> <th>FIG.</th> <th>(a) THREAD T</th> <th>A ±.031</th> <th>(b) B MIN</th> <th>C MAX</th> <th>D MAX</th> <th>E +.001 -.003</th> <th>F</th> <th>G ±.062</th> </tr> </thead> <tbody> <tr> <td>MS15005-1</td> <td rowspan="2">1</td> <td rowspan="2">1/8</td> <td rowspan="2"></td> <td rowspan="2"></td> <td>--</td> <td>--</td> <td rowspan="2"></td> <td>--</td> <td>.750</td> </tr> <tr> <td>MS15005-2</td> <td>--</td> <td>--</td> <td>--</td> <td>1.125</td> </tr> <tr> <td>MS15005-3</td> <td rowspan="2">2</td> <td rowspan="2">1/8</td> <td rowspan="2">.312</td> <td rowspan="2">.188</td> <td>.375</td> <td>1.250</td> <td rowspan="2">.438</td> <td>30°</td> <td>--</td> </tr> <tr> <td>MS15005-4</td> <td></td> <td>1.094</td> <td>65°</td> <td>--</td> </tr> <tr> <td>MS15005-5</td> <td rowspan="2">3</td> <td rowspan="2">1/8</td> <td rowspan="2"></td> <td rowspan="2"></td> <td>.625</td> <td>1.063</td> <td rowspan="2"></td> <td>90°</td> <td>--</td> </tr> <tr> <td>MS15005-6</td> <td></td> <td>.562</td> <td>1.312</td> <td>105°</td> <td></td> </tr> </tbody> </table>			MS PART NO.	FIG.	(a) THREAD T	A ±.031	(b) B MIN	C MAX	D MAX	E +.001 -.003	F	G ±.062	MS15005-1	1	1/8			--	--		--	.750	MS15005-2	--	--	--	1.125	MS15005-3	2	1/8	.312	.188	.375	1.250	.438	30°	--	MS15005-4		1.094	65°	--	MS15005-5	3	1/8			.625	1.063		90°	--	MS15005-6		.562	1.312	105°	
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<p>NOTES:</p> <ol style="list-style-type: none"> 1. DIMENSIONS ARE IN INCHES. 2. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±5°. 3. THESE FITTINGS, BECAUSE OF SHORTAGE OF THE CRITICAL MATERIAL INVOLVED, ARE TO BE USED ONLY WHEN IN DIRECT CONTACT WITH, OR SUBMERGED IN, SEA WATER. 4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED. 5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. 6. SIZE -6 FITTINGS ARE INACTIVE FOR DESIGN. SIZE -5 MAY BE USED AS A REPLACEMENT. 																																																										
<p>(E) DENOTES CHANGES</p>																																																										
<p>P.A. NAVY - AS Other Cust</p> <p>ARMY - AR USAF - 11</p> <p>PROCUREMENT SPECIFICATION MIL-F-3541</p>	<p>TITLE</p> <p>FITTINGS, LUBRICATION, THROAT OR SURFACE CHECK, 1/8 PIPE THREADS, NICKEL-COPPER ALLOY, TYPE V</p> <p>SUPERSEDES:</p>	<p style="text-align: center;">MILITARY STANDARD</p> <p style="text-align: center; font-size: 1.5em;">MS15005</p> <p>SHEET 1 OF 1</p>																																																								