

USED SYMBOLS:  
ABHY - GL, CR, ME, A

REVIEWER SYMBOLS:  
NAVY - A5  
USAF - B2  
ABHY - AV  
DIA - ES

Revision/issue information is current as of the date of this document.  
For future consideration of changes to this document, draw cancellation  
should be based on the information in the current ODSS.

DISTRIBUTION STATEMENT 1: APPROVED FOR RELEASE, DISTRIBUTION IS UNLIMITED.  
This military standard is submitted for use by all Departments &  
Agencies of the Department of Defense. Selection for all new  
manned and design dependencies and for repetitive use shall be  
made from this document.

AMSC N/A

DESIGN STANDARD		FED. SUP CLASS 6730																																											
<p>DESIGN STANDARD</p> <p>(C)</p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>THREAD T MIL-S-8879</th> <th>A ±.031</th> <th>R</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>H ±.005</th> <th>J ±.005</th> <th>K ±.003</th> <th>L ±.005</th> <th>M ±.0004</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>1/4"</td> <td>.4375-20 UNJF-3A</td> <td>1.438</td> <td>1.087</td> <td>.726</td> <td>.540</td> <td>.354</td> <td>.060</td> <td>.365</td> <td>.367</td> <td>.189</td> <td>.433</td> <td>.4989</td> <td>.425</td> </tr> <tr> <td>3/8"</td> <td>.5625-18 UNJF-3A</td> <td>1.656</td> <td>1.274</td> <td>.891</td> <td>.634</td> <td>.377</td> <td>.065</td> <td>.480</td> <td>.480</td> <td>.300</td> <td>.760</td> <td>.8114</td> <td>.738</td> </tr> </tbody> </table>				SIZE	THREAD T MIL-S-8879	A ±.031	R	C	D	E	F	H ±.005	J ±.005	K ±.003	L ±.005	M ±.0004	N	1/4"	.4375-20 UNJF-3A	1.438	1.087	.726	.540	.354	.060	.365	.367	.189	.433	.4989	.425	3/8"	.5625-18 UNJF-3A	1.656	1.274	.891	.634	.377	.065	.480	.480	.300	.760	.8114	.738
SIZE	THREAD T MIL-S-8879	A ±.031	R	C	D	E	F	H ±.005	J ±.005	K ±.003	L ±.005	M ±.0004	N																																
1/4"	.4375-20 UNJF-3A	1.438	1.087	.726	.540	.354	.060	.365	.367	.189	.433	.4989	.425																																
3/8"	.5625-18 UNJF-3A	1.656	1.274	.891	.634	.377	.065	.480	.480	.300	.760	.8114	.738																																
<p>1. ALL OUTSIDE MACHINED SURFACES FINISHED TO 125 RIR MAX, EXCEPT AS NOTED.</p> <p>2. ALL INSIDE MACHINED SURFACES FINISHED TO 250 RIR MAX, EXCEPT AS NOTED.</p> <p>3. H MACHINED SURFACES FINISHED TO 16 RIR MAX AND CONCENTRIC TO EACH OTHER WITHIN .0005 TIR.</p> <p>4. SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1.</p> <p>5. L AND M DIA AND THREAD T MUST BE CONCENTRIC WITHIN .005 TIR.</p> <p>6. FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS.</p> <p>7. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1/2°.</p> <p>8. 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.</p> <p>9. REFERENCES (GOVERNMENT OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DDOISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.</p> <p>10. CERTAIN PROVISIONS (SCREW THREADS) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASCO AIR STD 17/15. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.</p> <p>11. THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.</p> <p>(C) INACTIVE FOR NEW DESIGN AFTER 31 DEC 1987</p> <p>(C) DENOTES CHANGES</p>																																													
<p>P A Navy-AS Other Cust USAF-90 Army-AV</p>		<p>INTERNATIONAL INTEREST SEE NOTE 10</p>																																											
<p>PROPRIETARY SPECIFICATION NONE</p>		<p>SUPERSEDES MS21932 (ASCO) (C)</p>																																											
<p>MILITARY STANDARD MS21932</p>		<p>SHEET 1 OF 1</p>																																											