

User activities:

Review activities:

Army - AV, VI  
Navy - AS  
Air Force - 11, 71

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and 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 1650																																																																																						
<p>MPGR PART NO.</p> <p>MPGR NAME OR TRADE MARK</p> <p>MS NO.</p> <p>DEVELOPMENT OF HEX</p> <p>IDENTIFICATION ON HEX OR ON TURNED SURFACE AS SHOWN</p> <p>THREAD T ENDS IN ACCORDANCE WITH MS33514, STYLE E, EXCEPT THAT THE HOLE DIAMETER MAY BE SMALLER THAN THAT SPECIFIED ON MS33514.</p>																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DASH NO.</th> <th>TUBE OD</th> <th>(a) THREAD T</th> <th>A</th> <th>(a) B HEX</th> <th>C</th> <th>D</th> <th>E DIA</th> <th>(b) RATED FLOW GPM</th> <th>WEIGHT LB APPROX</th> </tr> </thead> <tbody> <tr> <td>-4</td> <td>1/4</td> <td>7/16-20 UNF-3A</td> <td rowspan="2">1.344</td> <td>.688</td> <td rowspan="2">.438</td> <td rowspan="2">.219</td> <td>.678</td> <td>1.2</td> <td>.062</td> </tr> <tr> <td>-5</td> <td>5/16</td> <td>1/2 -20 UNF-3A</td> <td>.750</td> <td>.740</td> <td>2.3</td> <td>.069</td> </tr> <tr> <td>-6</td> <td>3/8</td> <td>9/16-18 UNF-3A</td> <td>1.407</td> <td>.813</td> <td rowspan="2">+.003 -.004</td> <td rowspan="2">.250</td> <td>.803</td> <td>3.5</td> <td>.092</td> </tr> <tr> <td>-8</td> <td>1/2</td> <td>3/4 -16 UNF-3A</td> <td>1.624</td> <td>1.000</td> <td>.500</td> <td>.281</td> <td>.990</td> <td>6.0</td> <td>.162</td> </tr> <tr> <td>-10</td> <td>5/8</td> <td>7/8 -14 UNF-3A</td> <td>1.781</td> <td>1.125</td> <td rowspan="2">+.016</td> <td rowspan="2">.312</td> <td>1.115</td> <td>10.5</td> <td>.207</td> </tr> <tr> <td>-12</td> <td>3/4</td> <td>1-1/16-12 UN -3A</td> <td>1.938</td> <td>1.375</td> <td>.562</td> <td>.343</td> <td>1.365</td> <td>16.0</td> <td>.312</td> </tr> <tr> <td>-16</td> <td>1</td> <td>1-5/16-12 UN -3A</td> <td>2.438</td> <td>1.625</td> <td>1.060</td> <td>.375</td> <td>1.615</td> <td>29.0</td> <td>.512</td> </tr> </tbody> </table>										DASH NO.	TUBE OD	(a) THREAD T	A	(a) B HEX	C	D	E DIA	(b) RATED FLOW GPM	WEIGHT LB APPROX	-4	1/4	7/16-20 UNF-3A	1.344	.688	.438	.219	.678	1.2	.062	-5	5/16	1/2 -20 UNF-3A	.750	.740	2.3	.069	-6	3/8	9/16-18 UNF-3A	1.407	.813	+.003 -.004	.250	.803	3.5	.092	-8	1/2	3/4 -16 UNF-3A	1.624	1.000	.500	.281	.990	6.0	.162	-10	5/8	7/8 -14 UNF-3A	1.781	1.125	+.016	.312	1.115	10.5	.207	-12	3/4	1-1/16-12 UN -3A	1.938	1.375	.562	.343	1.365	16.0	.312	-16	1	1-5/16-12 UN -3A	2.438	1.625	1.060	.375	1.615	29.0	.512
DASH NO.	TUBE OD	(a) THREAD T	A	(a) B HEX	C	D	E DIA	(b) RATED FLOW GPM	WEIGHT LB APPROX																																																																													
-4	1/4	7/16-20 UNF-3A	1.344	.688	.438	.219	.678	1.2	.062																																																																													
-5	5/16	1/2 -20 UNF-3A		.750			.740	2.3	.069																																																																													
-6	3/8	9/16-18 UNF-3A	1.407	.813	+.003 -.004	.250	.803	3.5	.092																																																																													
-8	1/2	3/4 -16 UNF-3A	1.624	1.000			.500	.281	.990	6.0	.162																																																																											
-10	5/8	7/8 -14 UNF-3A	1.781	1.125	+.016	.312	1.115	10.5	.207																																																																													
-12	3/4	1-1/16-12 UN -3A	1.938	1.375			.562	.343	1.365	16.0	.312																																																																											
-16	1	1-5/16-12 UN -3A	2.438	1.625	1.060	.375	1.615	29.0	.512																																																																													
<p>MATERIAL: SEE PROCUREMENT SPECIFICATION.</p> <p>(b) BASED ON FLOW AT 0°F.</p> <p>BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.</p> <p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.015.</p> <p>(a) CERTAIN PROVISIONS (THREAD T AND HEX NOMINAL ACROSS FLAT DIMENSION B) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT, ABC AIR STD 17/15. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE (DepSO) SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL STANDARDIZATION CONCERNED.</p>																																																																																						
<p>FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">P.A. USAF -11 Other Cost</td> <td style="width: 15%;">OTHER INT. INTERNATIONAL</td> <td style="width: 5%;">TITLE ⑤</td> <td style="width: 45%;">VALVE, CHECK, MINIATURE HYDRAULIC, AIRCRAFT AND MISSILE, -65° F TO +450° F, 3,000 PSI, FLARELESS TUBE</td> <td style="width: 20%; text-align: center; vertical-align: middle;"> <b>MILITARY STANDARD</b>   <b>MS24423</b> </td> </tr> <tr> <td colspan="2">PROCUREMENT SPECIFICATION MIL-V-25675</td> <td colspan="2">SUPERSEDES:</td> <td style="text-align: center;">SHEET 1 OF 1</td> </tr> </table>										P.A. USAF -11 Other Cost	OTHER INT. INTERNATIONAL	TITLE ⑤	VALVE, CHECK, MINIATURE HYDRAULIC, AIRCRAFT AND MISSILE, -65° F TO +450° F, 3,000 PSI, FLARELESS TUBE	<b>MILITARY STANDARD</b>  <b>MS24423</b>	PROCUREMENT SPECIFICATION MIL-V-25675		SUPERSEDES:		SHEET 1 OF 1																																																																			
P.A. USAF -11 Other Cost	OTHER INT. INTERNATIONAL	TITLE ⑤	VALVE, CHECK, MINIATURE HYDRAULIC, AIRCRAFT AND MISSILE, -65° F TO +450° F, 3,000 PSI, FLARELESS TUBE	<b>MILITARY STANDARD</b>  <b>MS24423</b>																																																																																		
PROCUREMENT SPECIFICATION MIL-V-25675		SUPERSEDES:		SHEET 1 OF 1																																																																																		