

User activities:  
ARMY - ME

Review activities:  
USAF - 82  
ARMY - A7, M1  
NAVY - AS

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

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<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th>PART NUMBER MS27234</th> <th>A</th> <th>B</th> <th>C</th> <th>R</th> <th>T</th> <th>X(a)</th> </tr> </thead> <tbody> <tr><td>-4</td><td>.531</td><td>.155</td><td>.245</td><td>.375</td><td>.035</td><td>.010</td></tr> <tr><td>-5</td><td>.594</td><td>.156</td><td>.307</td><td>.438</td><td>.049</td><td>.012</td></tr> <tr><td>-6</td><td>.656</td><td>.156</td><td>.370</td><td>.500</td><td>.049</td><td>.014</td></tr> <tr><td>-8</td><td>.656</td><td>.156</td><td>.495</td><td>.500</td><td>.065</td><td>.016</td></tr> <tr><td>-10</td><td>.781</td><td>.156</td><td>.620</td><td>.625</td><td>.065</td><td>.018</td></tr> <tr><td>-12</td><td>1.094</td><td>.250</td><td>.745</td><td>.844</td><td>.065</td><td>.020</td></tr> <tr><td>-16</td><td>1.219</td><td>.250</td><td>.995</td><td>.969</td><td>.065</td><td>.022</td></tr> <tr><td>-20</td><td>1.438</td><td>.250</td><td>1.245</td><td>1.188</td><td>.065</td><td>.024</td></tr> <tr><td>-24</td><td>1.625</td><td>.250</td><td>1.495</td><td>1.375</td><td>.083</td><td>.026</td></tr> <tr><td>-32</td><td>2.000</td><td>.250</td><td>1.995</td><td>1.750</td><td>.083</td><td>.028</td></tr> <tr><td>-40</td><td>2.312</td><td>.250</td><td>2.370</td><td>2.062</td><td>.095</td><td>.030</td></tr> <tr><td>-48</td><td>2.552</td><td>.250</td><td>2.995</td><td>2.312</td><td>.095</td><td>.030</td></tr> </tbody> </table>				PART NUMBER MS27234	A	B	C	R	T	X(a)	-4	.531	.155	.245	.375	.035	.010	-5	.594	.156	.307	.438	.049	.012	-6	.656	.156	.370	.500	.049	.014	-8	.656	.156	.495	.500	.065	.016	-10	.781	.156	.620	.625	.065	.018	-12	1.094	.250	.745	.844	.065	.020	-16	1.219	.250	.995	.969	.065	.022	-20	1.438	.250	1.245	1.188	.065	.024	-24	1.625	.250	1.495	1.375	.083	.026	-32	2.000	.250	1.995	1.750	.083	.028	-40	2.312	.250	2.370	2.062	.095	.030	-48	2.552	.250	2.995	2.312	.095	.030
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(a) FACE OF TUBE MUST BE PERPENDICULAR TO CENTERLINE OF TUBE WITHIN "X" TIR.																																																																																														
(A) MATERIAL: SIZE 4 THRU 6 - STEEL, 1010 COLD DRAWN, AISI 5050 OR AISI 5053. SIZE 8 THRU 48 - ALUMINUM ALLOY 6061, T6, TYPE 1, MIL-T-700/6.																																																																																														
FINISH: NONE																																																																																														
MINIMUM WALL THICKNESS AT BEND SHALL BE 80% OF ORIGINAL THICKNESS.																																																																																														
QUALITY SHALL NOT EXCEED 5% OF NORMAL TUBING OUTSIDE DIAMETER.																																																																																														
REMOVE ALL BURRS AND SLIVERS.																																																																																														
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, RADIUS OR BREAK ALL CORNERS $\frac{.010}{.005}$																																																																																														
THIS ITEM SHALL NOT BE PROCURED FOR STOCKING PURPOSES.																																																																																														
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 INVITATION FOR BID																																																																																														
P.A. USAF - 82 Other Cust ARMY - A7 NAVY - AS		<b>MILITARY STANDARD</b> <div style="font-size: 2em; font-weight: bold; text-align: center;">MS27234</div> SHEET 1 OF 1																																																																																												
PROCUREMENT SPECIFICATION MIL-A-5070		SUPERSEDES:																																																																																												

DD FORM 1 SEP 57 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 6 Aug 1964 REVISED 16 Jun 69