

User: Navy MC
Reviewer: Army AV
Navy AS

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This AND 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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<p>SECTION A-A</p> <p>FLANGE DETAIL</p>																																																																																																																																																							
<table border="1"> <thead> <tr> <th>SIZE</th> <th>A + .062 - .016</th> <th>C + .047 - .016</th> <th>D</th> <th>E</th> <th>G</th> <th>J</th> <th>L + .125</th> <th>N</th> <th>P</th> <th>R RADIUS OR CHAMFER X 45°</th> <th>S + .000 - .125</th> <th>T</th> <th>V + .007 - .25</th> <th>Z + .25</th> </tr> <tr> <th></th> <th>DIA</th> <th>DIA</th> <th>DIA</th> <th>DEG</th> <th></th> <th>RAD</th> <th></th> <th>RAD</th> <th>MIN</th> <th></th> <th>DIA</th> <th>MIN</th> <th>DIA</th> <th>RAD</th> </tr> </thead> <tbody> <tr> <td>26X6.6</td> <td>5.000</td> <td>16.000</td> <td>14.000</td> <td>38</td> <td>1.620</td> <td>.250</td> <td>.406</td> <td>.500</td> <td>.563</td> <td>.062-.094</td> <td>13.500</td> <td>.125</td> <td>.625</td> <td>3.00</td> </tr> <tr> <td>30X7.7</td> <td>6.000</td> <td>18.000</td> <td>16.000</td> <td>38</td> <td>1.620</td> <td>.250</td> <td>.750</td> <td>.500</td> <td>.625</td> <td>.062-.094</td> <td>15.500</td> <td>.125</td> <td>.625</td> <td>3.00</td> </tr> <tr> <td>32X8.8</td> <td>7.000</td> <td>18.250</td> <td>16.000</td> <td>28</td> <td>2.000</td> <td>.250</td> <td>1.000</td> <td>.563</td> <td>.688</td> <td>.062-.094</td> <td>15.375</td> <td>.125</td> <td>.625</td> <td>3.00</td> </tr> <tr> <td>34X9.9</td> <td>8.000</td> <td>18.500</td> <td>16.000</td> <td>28</td> <td>1.880</td> <td>.250</td> <td>.875</td> <td>.625</td> <td>.688</td> <td>.062-.094</td> <td>15.375</td> <td>.125</td> <td>.625</td> <td>3.00</td> </tr> <tr> <td>36X11</td> <td>9.000</td> <td>18.750</td> <td>16.000</td> <td>38</td> <td>2.130</td> <td>.250</td> <td>1.375</td> <td>.688</td> <td>.813</td> <td>—</td> <td>15.250</td> <td>—</td> <td>.781</td> <td>4.00</td> </tr> <tr> <td>38X11</td> <td>9.000</td> <td>20.750</td> <td>18.000</td> <td>38</td> <td>2.130</td> <td>.250</td> <td>1.375</td> <td>.688</td> <td>.813</td> <td>—</td> <td>17.250</td> <td>—</td> <td>.781</td> <td>4.00</td> </tr> <tr> <td>40X12</td> <td>10.000</td> <td>21.000</td> <td>18.000</td> <td>38</td> <td>2.500</td> <td>.250</td> <td>1.500</td> <td>.750</td> <td>.813</td> <td>—</td> <td>17.000</td> <td>—</td> <td>.781</td> <td>4.00</td> </tr> <tr> <td>44X13</td> <td>11.000</td> <td>22.750</td> <td>20.000</td> <td>38</td> <td>3.375</td> <td>.422</td> <td>1.750</td> <td>.938</td> <td>.875</td> <td>—</td> <td>19.000</td> <td>—</td> <td>.781</td> <td>4.00</td> </tr> </tbody> </table>		SIZE	A + .062 - .016	C + .047 - .016	D	E	G	J	L + .125	N	P	R RADIUS OR CHAMFER X 45°	S + .000 - .125	T	V + .007 - .25	Z + .25		DIA	DIA	DIA	DEG		RAD		RAD	MIN		DIA	MIN	DIA	RAD	26X6.6	5.000	16.000	14.000	38	1.620	.250	.406	.500	.563	.062-.094	13.500	.125	.625	3.00	30X7.7	6.000	18.000	16.000	38	1.620	.250	.750	.500	.625	.062-.094	15.500	.125	.625	3.00	32X8.8	7.000	18.250	16.000	28	2.000	.250	1.000	.563	.688	.062-.094	15.375	.125	.625	3.00	34X9.9	8.000	18.500	16.000	28	1.880	.250	.875	.625	.688	.062-.094	15.375	.125	.625	3.00	36X11	9.000	18.750	16.000	38	2.130	.250	1.375	.688	.813	—	15.250	—	.781	4.00	38X11	9.000	20.750	18.000	38	2.130	.250	1.375	.688	.813	—	17.250	—	.781	4.00	40X12	10.000	21.000	18.000	38	2.500	.250	1.500	.750	.813	—	17.000	—	.781	4.00	44X13	11.000	22.750	20.000	38	3.375	.422	1.750	.938	.875	—	19.000	—	.781	4.00
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<p>NOTES</p> <p>(E) 1. VALVE HOLE REQUIRED ON TUBETYPE AND CONVERTIBLE WHEELS ONLY. TUBELESS WHEELS REQUIRE A MACHINED BOSS PER MS33649.</p> <p>2. (A) "L" DIMENSION FOR THE 26 X 6.6 = .406 ± .188.</p> <p>3. (B) "L" DIMENSION FOR THE 34 X 9.9 = 1.375 ± .125 OPTIONAL.</p> <p>4. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ± 1/64, DECIMALS ± .005, ANGLES ± 1/2°.</p> <p>(E) 5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>																																																																																																																																																							
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<p>P.A. USAF-70 Other Cust ARMY-AV NAVY-AS</p>	<p>TITLE RIM CONTOURS-26X6.6, 30X7.7, 32X8.8, 34X9.9, 36X11, 38X11, 40X12, 44X13, TYPE VII, EXTRA HIGH PRESSURE MAIN LANDING GEAR WHEELS</p>																																																																																																																																																						
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U. S. GOVERNMENT PRINTING OFFICE: 1969-193-063 5-708

DATE

DRAWN BY _____
TYPED BY _____

NOTES TO PRINTER: REDUCE BORDER TO 6-27/32x9-3/4. PRINT LEFT
BORDER LINE ONE INCH FROM LEFT EDGE OF 8x10-1/2 SHEET.

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