

NOTICE

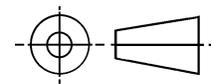
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THIRD ANGLE PROJECTION



ISSUED 1999-07 REAFFIRMED 2004-04

AS24654

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PREPARED BY SAE COMMITTEE G-3

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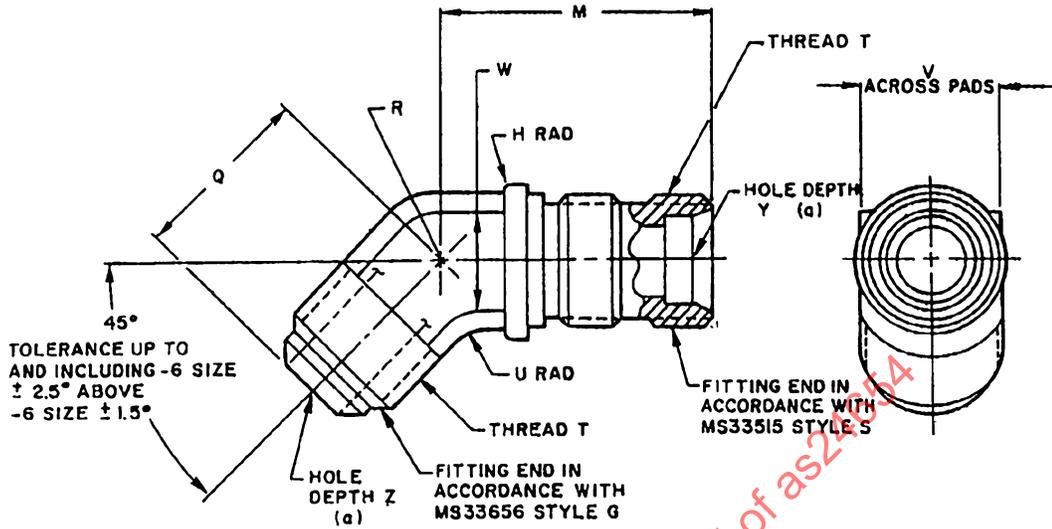
**AEROSPACE STANDARD**

ELBOW, TUBE - 45°, BULKHEAD, FLARELESS TUBE  
UNIVERSAL TO FLARED TUBE

**AS24654**  
SHEET 1 OF 3

AS24654

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(a) DEPTHS Y AND Z SHOULD BE MACHINED SUCH THAT THE CROSS-SECTIONAL AREA AT THE JUNCTION OF THE PASSAGES IS NOT SMALLER THAN THE CROSS-SECTIONAL AREA OF THE SMALLER HOLE. Y AND Z AT THEIR DEEPEST POINTS SHALL NOT EXTEND BEYOND THE WALL ESTABLISHED BY THE RESPECTIVE INTERSECTING HOLE.

DASH NO.	TUBE OD	THREAD T MIL-T-8879	H RAD	M +.047 -.000	Q +.047 -.000	R RAD	U RAD	V	W APPROX
-3	.188	.3750-24UNJF-3A	.062	1.328	.641	.188	.062	.375	.219
-4	.250	.4375-20UNJF-3A		1.453	.703	.219		.438	.312
-5	.312	.5000-20UNJF-3A		.750	.250	.500			
-6	.375	.5625-18UNJF-3A	.094	1.562	.812	.281	.094	.562	.375
-8	.500	.7500-16UNJF-3A		1.812	.969	.375		.750	.500
-10	.625	.8750-14UNJF-3A		2.047	1.094	.438		.875	.625
-12	.750	1.0625-12UNJ-3A		2.250	1.266	.531		1.062	.812
-16	1.000	1.3125-12UNJ-3A	.125	2.375	1.453	.656	.125	1.312	1.000
-20	1.250	1.6250-12UNJ-3A		2.406	1.578	.812		1.625	1.250
-24	1.500	1.8750-12UNJ-3A		2.422	1.766	.938		1.875	1.600
-32	2.000	2.5000-12UNJ-3A		2.578	2.203	1.250		2.562	2.000