

RATIONALE

AS4108/2 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS4108/2

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

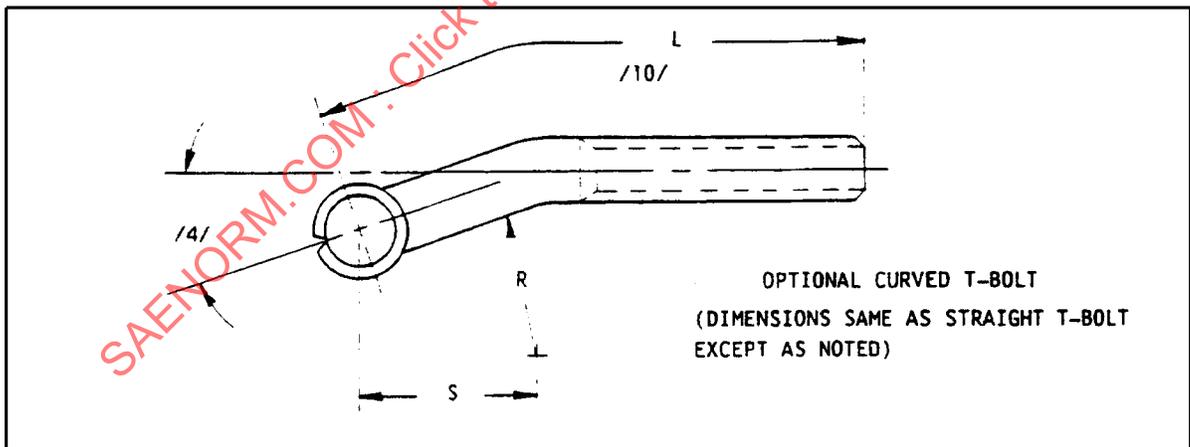
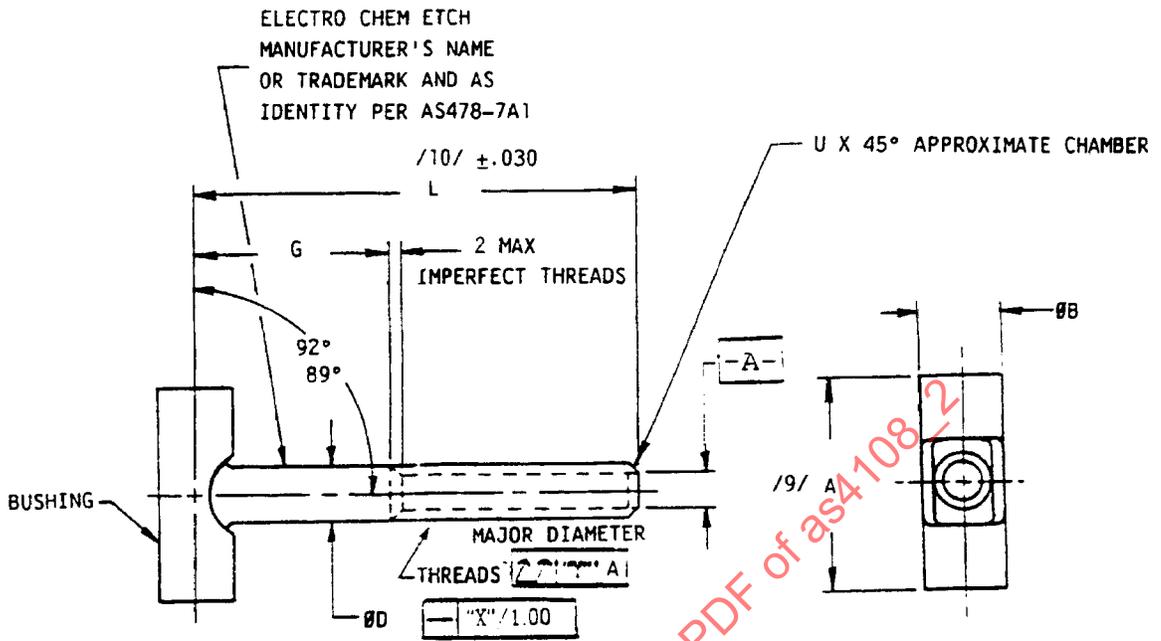
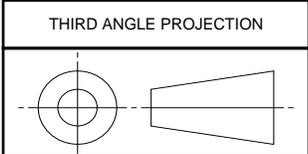


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS4108/2>



CUSTODIAN: G-3/G-3A



AEROSPACE STANDARD

T-BOLT, A-286, 1000°F  
BUSHING HEAD

AS4108/2  
SHEET 1 OF 3

TABLE 1

SIZE /11/	THREAD SIZE	A /9/	B	D	G GRIP	L /10/	R	S	U	X	Y
3	.1900-32 UNJF-3A	.500	.29	.190	.84	1.75	.660	.500	.040	.0030	.005
		.625		.164	.66	2.00					
		.750				2.25					
						2.50					
4	.2500-28 UNJF-3A	.625	.35	.250	1.09	2.25	1.120	.840	.040	.0030	.005
		.750		.244	1.03	2.50					
		.875				2.75					
		1.000				3.00					
						3.50					
5	.3125-24 UNJF-3A	.750	.41	.312	1.53	3.50	-	-	.050	.0030	.006
		.875		.297	1.28	4.00					
		1.000				4.50					
						5.50					
6	.3750-24 UNJF-3A	1.000	.51	.375	2.09	3.50	-	-	.050	.0025	.009
		1.125		.350	1.97	4.00					
		1.250				4.50					
		1.375				5.00					
		1.500				5.50					
						5.75					
						6.00					
8	.5000-20 UNJF-3A	1.750	.66	.499	2.03	4.00	-	-	.060	.0020	.010
		1.875		.480	1.97	4.50					
		2.000				5.00					
						5.50					
						6.00					
						6.50					
						7.00					

## NOTES:

- MATERIAL: BOLT - A-286 CORROSION RESISTING STEEL PER AMS 5731, AMS 5732, OR AMS 5737 (UNS S66286); BUSHING - A-286 PER AMS 5525 (UNS 66286).
- BOLT HEAT TREATMENT: 160 000 MINIMUM TO 190 000 MAXIMUM ULTIMATE TENSILE STRENGTH AT ROOM TEMPERATURE.
- FINISH: PASSIVATE PER QQ-P-35.
- BOLT BEND ANGLE SHALL BE 18° OR 30° AS DESIGNATED BY PART NUMBER (SEE PART NUMBER CODE). CURVED OPTION NOT AVAILABLE ON .5 AND LARGER.
- ALL DIMENSIONS ARE IN INCHES. TOLERANCES: .XX = ±.03, .XXX = ±.010, ANGLES = ±1°, EXCEPT AS NOTED.
- PARTS SHALL BE FREE FROM BURRS AND SLIVERS.
- DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5 M.
- THREADS SHALL BE IN ACCORDANCE WITH MIL-S-8879.
- /9/ A = T-HEAD BUSHING LENGTH IN .13 in INCREMENTS.
- /10/ L = LENGTH IN HUNDREDTH INCHES.
- /11/ BOLT SIZE = BOLT DIAMETER IN .06 in INCREMENTS.

	<b>AEROSPACE STANDARD</b>		<b>AS4108/2</b> SHEET 2 OF 3
	T-BOLT, A-286, 1000°F BUSHING HEAD		