

**REV.  
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**AS21904**

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ISSUED 1998-03 REVISED 2001-03

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280

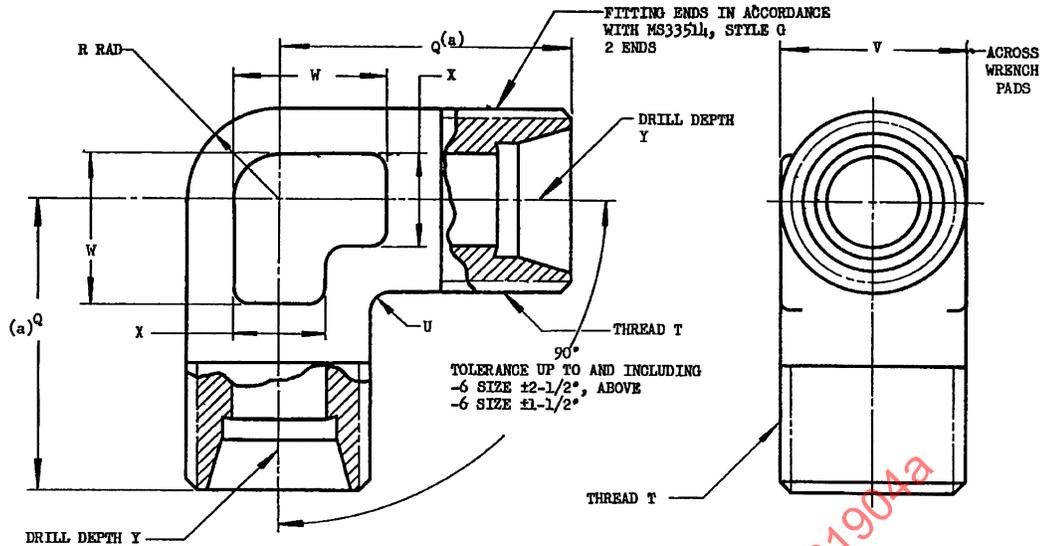


**AEROSPACE STANDARD**

ELBOW, FLARELESS TUBE, 90°

**AS21904**  
SHEET 1 OF 3

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DASH NO.	TUBE OD	THREAD T MIL-S-8879	(a) Q $\begin{matrix} +3/64 \\ -0 \end{matrix}$	R RAD	U RAD	V	W APPROX	X APPROX	Y $\begin{matrix} +3/64 \\ -0 \end{matrix}$	WT STEEL	LB ALLOY	MAX TT ALLOY
-2	1/8	.3125-24 UNJF-3A	3/4	5/32	1/16	5/16	5/16	3/16	25/32	.040	.014	.023
-3	3/16	.3750-24 UNJF-3A	13/16	3/16		3/8	5/16	3/8	27/32	.056	.020	.032
-4	1/4	.4375-20 UNJF-3A	7/8	7/32		7/16	3/8	1/4	59/64	.062	.022	.035
-5	5/16	.5000-20 UNJF-3A	15/16	1/4	3/32	1/2	1/2	63/64	.086	.031	.049	
-6	3/8	.5625-18 UNJF-3A	1- 1/32	9/32		9/16	1/2	5/16	1- 1/16	.104	.037	.060
-8	1/2	.7500-16 UNJF-3A	1- 1/4	3/8		3/4	5/8	7/16	1- 5/16	.191	.064	.110
-10	5/8	.8750-14 UNJF-3A	1- 13/32	7/16	1/8	7/8	3/4	7/16	1- 15/32	.258	.087	.148
-12	3/4	1.0625-12 UNJ -3A	1- 9/16	17/32		1- 1/16	7/8	1/2	1- 5/8	.402	.135	.231
-16	1	1.3125-12 UNJ -3A	1- 23/32	21/32		1- 5/16	1- 1/16	5/8	1- 27/32	.535	.200	.308
-20	1- 1/4	1.6250-12 UNJ -3A	1- 7/8	13/16	1/8	1- 5/8	1- 1/4	3/4	2	.792	.265	.456
-24	1- 1/2	1.8750-12 UNJ -3A	2	15/16		1- 7/8	1- 7/16	7/8	2- 5/16	1.262	.463	.728
-32	2	2.5000-12 UNJ -3A	2- 7/16	1- 1/4		2- 9/16	2	1- 3/16	2- 11/16	3.062	1.125	1.766

(a) AT THE OPTION OF THE MANUFACTURER, BASIC DIMENSION Q MAY BE 1/64 LESS THAN THE DIMENSION SPECIFIED, WITH THE PROVISION THAT BASIC DIMENSION Y IS ALSO MADE 1/64 LESS THAN THE DIMENSION SPECIFIED.