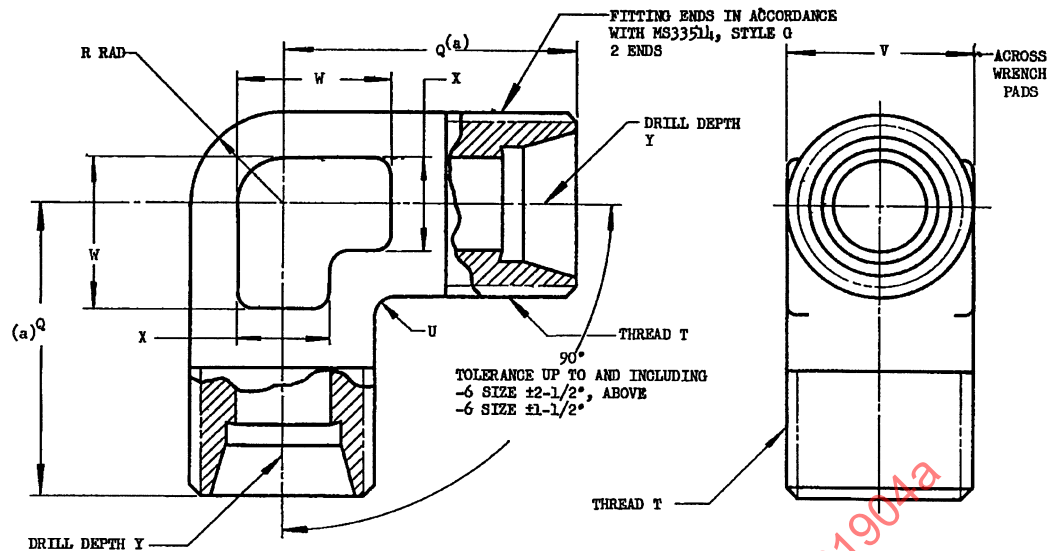


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REV. A			FEDERAL SUPPLY CLASS 4730
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AS21904			
ISSUED 1998-03 REVISED 2001-03			
CUSTODIAN: SAE G-3/G-3B		PROCUREMENT SPECIFICATION: AS18280	
 SAE The Engineering Society For Advancing Mobility Land Sea Air and Space® 400 Commonwealth Drive, Warrendale, PA 15096-0001	AEROSPACE STANDARD ELBOW, FLARELESS TUBE, 90°	AS21904 SHEET 1 OF 3	REV. A



DASH NO.	TUBE OD	THREAD T MIL-S-8879	(a) Q $\begin{smallmatrix} +3/64 \\ -0 \end{smallmatrix}$	P RAD	U RAD	V	W APPROX	X APPROX	Y $\begin{smallmatrix} +3/64 \\ -0 \end{smallmatrix}$	WT LB	MAX	STEEL	AL. ALLOY	TI 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		1/4	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		1/2	1/2	5/16	63/64	.086	.031	.049		
-6	3/8	.5625-18 UNJF-3A	1- 1/32	9/32	3/32	9/16	5/8	7/16	1- 5/16	.104	.037	.060		
-8	1/2	.7500-16 UNJF-3A	1- 1/4	3/8		3/4		7/16	1- 5/16	.191	.064	.110		
-10	5/8	.8750-14 UNJF-3A	1-13/32	7/16		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	1/8	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		1-5/8	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	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.