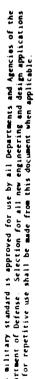
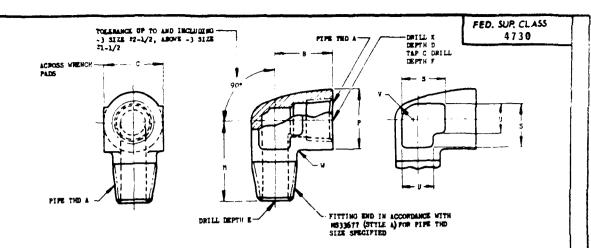




activities

Review





MATERIAL: COPPER ALLOY; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); TITANIUM ALLOY; BARS, SHAPES OR FORGINGS (SEE PROCUREMENT SPECIFICATION).

SEE PROCUREMENT SPECIFICATION. FINISH:

NO CODE LETTER IN PART NUMBER FOR COPPER ALLOY.

(9) ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73).

ADD C AFTER DASH WUNDER FOR CRES, TYPE 303, 303, 304, 316, AND 321.

ADD J AFTER DASH NUMBER FOR CRES, TYPE 304.

ADD K AFTER DASH NUMBER FOR CRES, TYPE 316.

ADD S AFTER DASH NUMBER FOR CRES, TYPE 304L AND 347. PARTS ARE NOT TO BE MANUFACTURED FROM TYPE 304L STEEL AFTER 10 FEBRUARY 1967.

ADD T AFTER DASH NUMBER FOR TITANIUM ALLOY.

9 ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM ALLOY.

TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS. DITEMS CODED C ON PREVIOUS ISSUES OF THIS STANDARD ARE NO LONGER TO BE FURNISHED. PROCURING ACTIV-ITIES MUST SPECIFY APPLICABLE CRES MATERIAL CODE AS PART OF THE STANDARD PART NUMBER. EXAMPLE OF PART NUMBERS:

AN914-4 - ELBOW, 1/2 PIPE, COPPER ALLOY.

(9) AN914-4D - ELBOW, 1/2 PIPE, ALUMINUM ALLOY (EXCEPT 7075-T73).

AN914-4J - ELBOW, 1/2 PIPE, CRES, TYPE 304. AN914-4K - ELBOW, 1/2 PIPE, CRES, TYPE 316. AN914-4S - ELBOW, 1/2 PIPE, CRES, TYPE 347. AN914-4T - ELBOW, 1/2 PIPE, TITANIUM ALLOY.

(9) AN914-4W - ELBOW, 1/2 PIPE, 7075-T73 ALUMINUM ALLOY. BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: FRACTIONS ±1/64.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

INACTIVE FOR DESIGN AFTER 1 JUNE 1954, EXCEPT FOR USE ON CXYGEN SYSTEMS AND GROUND SERVICE EQUIPMENT. SEE MIL-STD-962 FOR STATUS CRITERIA.

(9) denotes changes

CANCELL

ΜAκ

9.7

ⓒ

28

NS.

16

©

REVISED

30 JAN

APPROVED

P.A. Air Force-99 Other Cust	international	AIR FORCE - NAVY	AERONAUTICAL STANDARD			
		ELBOW, PIPE,	INTERNAL AND EXTERNAL THREAD,	AN914		
MIL-F-5509	• *	SUPERSEDES:		PAGE 1	OF .	

FED. SUP. CLASS 4730

20 MAR 79

REVISED (9) Por changes see Dege 1.

APPROVED 30 JAN 41

User activities: Army - ME, AV Navy - AS Air Force - 99

Review activities: Army - MG, AV 4AS AS Air Force - 99 DIA-CS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

DASH NO.	THD A ANPT	B +3/64 -0	С	D +3/64 -0	#3/64 -0	P	K DIA	₩ +3/64 -0	P DIA
	1/8	39/64	5/8	41/64	57/64	27/64	3/16	55/64	37/64
2	1/4	57/64	13/16	15/16	1-17/64	9/16	9/32_	1-7/32	25/32
13	3/8	15/16	15/16	1	1-23/64	39/64	13/32	1-19/64	59/64
14	1/2	1-11/64	1=3/16	1-19/64	1-47/64	51/64	17/32	1=39/64	1-5/32
6	3/4	1-11/32	1-3/8	1-15/32	1-55/64	13/16	23/32	1-47/64	1-23/64
8	1	1-19/32	1-3/4	1-23/32	2-15/64	31/32	15/16	2-7/64	1-11/16
10	1-1/4	1-3/4	2-5/32	1-29/32	2-3/8	عد بدر	1-1/4	2-1/4	2-1/16

		1			WEIGHT MAX (LBS.)			
DASH NO.	S APPROX	U APPROX	V RAD	W RAD	COPPER ALLOY	ATTO A YT	CRES	ALLOY TI
1	1/2	1/4	7/32	1/16	.069	.023		
2	5/8	3/8	9/32	3/32	.130	.060		
3	3/4	1/2	11/32	1 3/ 32	.240	.080		
4	7/8	5/8	7/16		-435	.145		
6	1	3/4	35/64	1/8	.600	.200		
8	1-1/8	7/8	11/16	1	1.140	.380		
10	1-1/4	1	55/64	5/32	1.720	. 580		

P.A. Air Force—99 Other Cust	International	AIR FORCE-NAVY AERONAUTICAL STANDARD			
		ELBOW, PIPE, INTERNAL AND EXTERNAL THREAD,	AN914		
MIL-F-5509	•	SUPERSEDES:	PAGE 2 OF 2		