



① MATERIAL: COPPER ALLOY; ALUMINUM ALLOY; STEEL;  
 SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR COPPER ALLOY.  
 ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73).  
 ADD S AFTER DASH NUMBER FOR STEEL  
 ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM ALLOY.

EXAMPLE OF PART NUMBERS:  
 AN844-6 - ELBOW, 3/8 ID HOSE, COPPER ALLOY.  
 AN844-6D - ELBOW, 3/8 ID HOSE, ALUMINUM ALLOY (EXCEPT 7075-T73).  
 AN844-6S - ELBOW, 3/8 ID HOSE, STEEL.  
 AN844-6W - ELBOW, 3/8 ID HOSE, 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 8 APRIL 1953. NO SUPERSEDING AN STANDARD. SEE MIL-STD-962 FOR STATUS CRITERIA.

ARMY - ME, AV  
 DLA - CS

THIS MILITARY STANDARD IS APPLICABLE TO THE USE OF THE MILITARY STANDARD, AND IS AVAILABLE FROM THE MILITARY STANDARD CENTER, BATTLE CREEK, MI 49016, DEPARTMENT OF THE AIR FORCE, AND IS AVAILABLE FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

APPROVED 27 FEB 41 REVISED 10 2 SEP 62 11 17 May 84

P. A. AIR FORCE - 82 Other Cust  AIR FORCE - 99	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD		AN844
		ELBOW, PIPE TO HOSE, 45°		
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES:			SHEET 1 OF 2

DD FORM 1 MAY 73 672-1 Limited Coordination

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT 4730-F606

FED. SUP CLASS  
 4730

USER ACTIVITIES:

REVIEWER ACTIVITIES:  
 ARMY - ME, AV  
 DLA - CS

This Military Standard is approved for use by HQ AFLC CASO/LODS, Federal Center, Battle Creek, MI 49016, Department of the Air Force, and is available for use by all Departments and agencies of the Department of Defense.

DASH NO.	HOSE ID	PIPE THD NPT	B +3/64 -0	C	J DIA	M +3/64 -0
4	1/4	1/8	5/8	7/16	7/16	1- 5/8
6	3/8	1/4	7/8	5/8	37/64	1-11/16
8	1/2	3/8	59/64	3/4	23/32	1-23/32
10	5/8	1/2	1- 5/32	15/16	57/64	1-25/32
12	3/4	3/4	1-13/64	1- 1/8	1- 3/32	1-13/16
16	1					
17	1-1/4	1	1-31/64	1- 3/8	1- 3/8	1- 7/8
20		1-1/4	1- 1/2	1- 3/4	1-23/32	1-15/16
21	1	1	1-31/64	1- 3/8	1- 3/8	1- 7/8
24	1-1/2	1-1/2	1- 9/16	2	1-61/64	2
25		1-1/4	1- 7/16	1- 3/4	1-23/32	

DASH NO.	S APPROX	U APPROX	V RAD	W RAD	X +3/64 -0	Y +3/64 -0
4	5/16	7/32	7/32	1/16	1-43/64	21/32
6	3/8	9/32	9/32		1- 3/4	15/16
8	1/2	5/16	23/64	3/32	1-51/64	1
10	5/8	3/8	7/16		1-57/64	1-17/64
12		7/16	35/64	11/16	1-15/16	1-23/64
16	2					
17	3/4	9/16	11/16	1/8	2- 1/16	1-43/64
20	15/16		55/64		2- 5/32	1-23/32
21	3/4	11/16	11/16	2- 7/64	1-43/64	
24	1- 1/8	5/8	31/32	1/8	2- 9/32	1-27/32
25			55/64			1-21/32

APPROVED 27 FEB 41 REVISED (11) FOR CHANGES SEE PAGE 1

P. A. AIR FORCE-82 Other Cust	INTERNATIONAL INTEREST	<b>AIRFORCE-NAVY AERONAUTICAL STANDARD</b>	<b>AN844</b>
AIR FORCE-99		<b>ELBOW, PIPE TO HOSE, 45°</b>	
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES:		SHEET 2 OF 2