

User activities:

Review activities: ARMY - ME, AV

DLA - CS

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

		FED. SUP CLASS 4730	
<p>(a) MARK EACH WRENCH PAD WITH AN EQUILATERAL TRIANGLE TO DENOTE PRECISION TYPE. MARKING SHALL BE DEPRESSED .025 ± .010.</p> <p>MATERIAL: STEEL; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); TITANIUM ALLOY (SEE PROCUREMENT SPECIFICATION).</p> <p>FINISH: SEE PROCUREMENT SPECIFICATION.</p> <p>IN ADDITION TO THE SAMPLING REQUIREMENTS OF THE PROCUREMENT SPECIFICATION, THE SURFACE OF THE CONE ENDS ON 100% OF THE CROSSES OF A LOT SHALL BE INSPECTED.</p> <p>NO CODE LETTER IN PART NUMBER FOR STEEL.</p> <p>ADD D IN PLACE OF DASH FOR ALUMINUM ALLOY (EXCEPT 7075-T73).</p> <p>ADD J IN PLACE OF DASH FOR CRES, TYPE 304.</p> <p>ADD K IN PLACE OF DASH FOR CRES, TYPE 316.</p> <p>ADD S IN PLACE OF DASH FOR CRES, TYPE 347.</p> <p>ADD T IN PLACE OF DASH FOR TITANIUM ALLOY.</p> <p>ADD W IN PLACE OF DASH FOR 7075-T73 ALUMINUM ALLOY.</p> <p>TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.</p> <p>EXAMPLE OF PART NUMBERS:</p> <p>MS24403-8 - CROSS, .500 TUBING, STEEL.</p> <p>MS24403D8 - CROSS, .500 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).</p> <p>MS24403J8 - CROSS, .500 TUBING, CRES, TYPE 304.</p> <p>MS24403K8 - CROSS, .500 TUBING, CRES, TYPE 316.</p> <p>MS24403S8 - CROSS, .500 TUBING, CRES, TYPE 347.</p> <p>MS24403T8 - CROSS, .500 TUBING, TITANIUM ALLOY.</p> <p>MS24403W8 - CROSS, .500 TUBING, 7075-T73 ALUMINUM ALLOY.</p> <p>BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS.</p> <p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .015</p> <p>FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.</p> <p>REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>			
(E) DENOTES CHANGES			
P.A. AIR FORCE - 82 (E) Other Cast AIR FORCE - 99 NAVY - AS		TITLE CROSS, TUBE, PRECISION TYPE	
PROCUREMENT SPECIFICATION MIL - F - 5509		SUPERSEDES: AN-827	
DD FORM 672-1 Limited Coordination		PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
MILITARY STANDARD MS 24403		SHEET 1 OF 2	

4 Apr 85

(E)

16 APR 82

(D)

22 MAR 79

(C)

16 JUN 78

(B)

10 FEB 67

(A)

REVISED

6 MAR 58

APPROVED

(Proc. 4730-P722)

FED. SUP CLASS
4730

(E)

DASH NO.	TUBING OD	THREAD T (REF)	Q +.047 - .000	U RAD	V	W APPROX
2	.125	.312 -24UNJF-3A	.734	.062	.312	.312
3	.187	.375 -24UNJF-3A	.797		.375	.375
4	.250	.437 -20UNJF-3A	.859		.437	
5	.312	.500 -20UNJF-3A	.922		.500	.469
6	.375	.562 -18UNJF-3A	1.031	.094	.562	.500
8	.500	.750 -16UNJF-3A	1.219		.750	.687
10	.625	.875 -14UNJF-3A	1.422	.125	.875	.781
12	.750	1.062 -12UNJ -3A	1.625		1.062	.906
16	1.000	1.312 -12UNJ -3A	1.781		1.312	1.094
20	1.250	1.625 -12UNJ -3A	2.031		1.625	1.312
24	1.500	1.875 -12UNJ -3A	2.297	.187	1.875	1.500
28	1.750	2.250 -12UNJ -3A	2.781		2.250	1.781
32	2.000	2.500 -12UNJ-3A	3.031	.250	2.562	2.031

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P.A. AIR FORCE - 82 (E)	TITLE	MILITARY STANDARD
Other Cust AIR FORCE - 99	CROSS, TUBE, PRECISION TYPE	MS 24403
NAVY - AS	SUPERSEDES: -AN027-	SHEET 2 OF 2
PROCUREMENT SPECIFICATION MIL - F - 5509		

DD FORM 672-1 Limited
1 SEP 57 Coordination

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