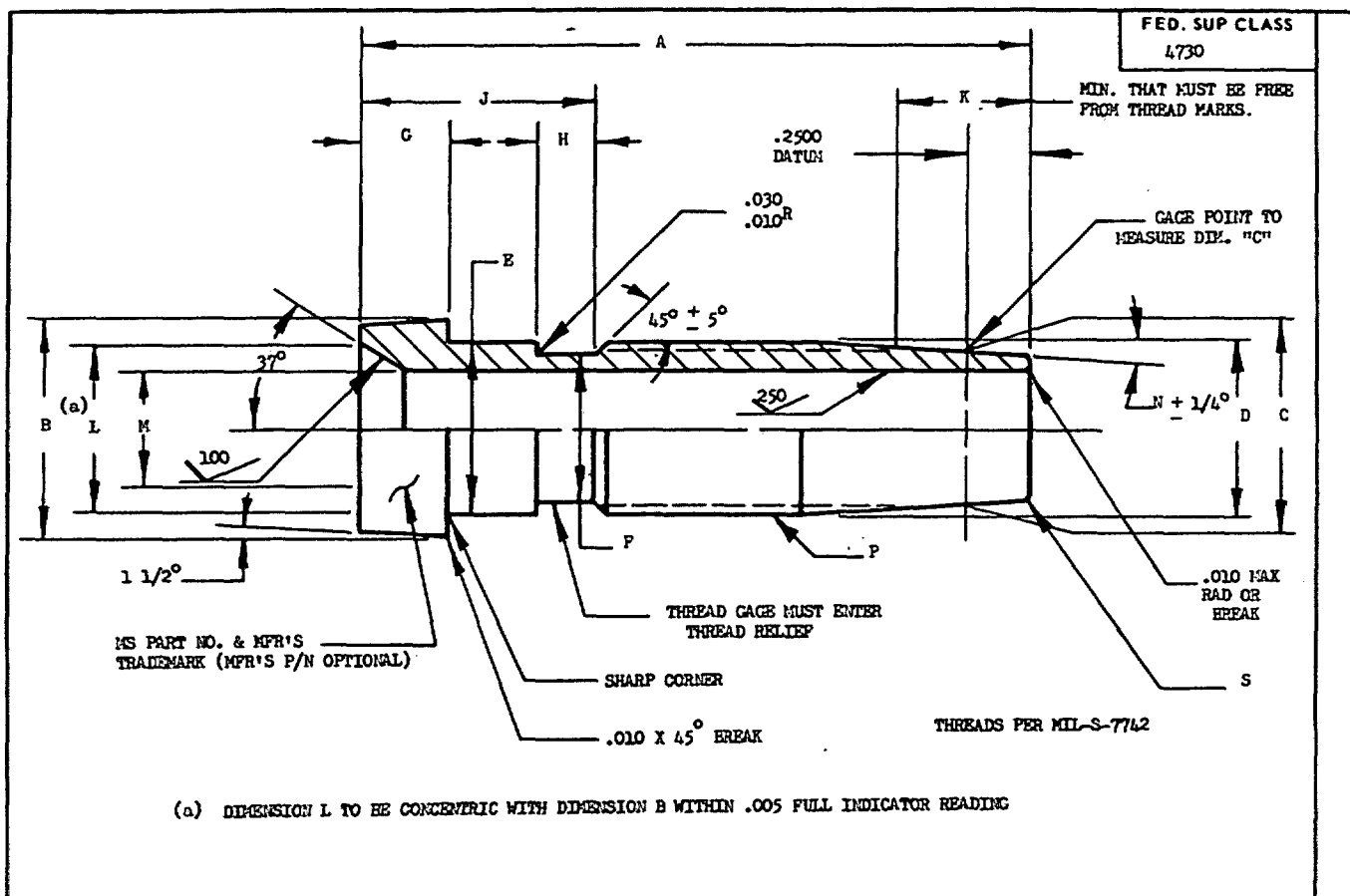


User Activity

Review Activity  
Air Force - 65  
Army - WC  
Navy - WP

Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODISS.

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



MS PART NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	S
MS24588-3	1.275 1.255	.326 .321	.185 .180	.234 .228	.235 .227	.203 .198	.188 .183	.093	.495	.270	.255 .235	.128 .123	5°	.2131 15/64-32NS-2 PD .2100	.010 .005
MS24588-4	1.305 1.285	.379 .374	.243 .237	.281 .275	.291 .283	.250 .245	.183 .178	.093	.490	.200	.305 .285	.175 .170	4-1/2°	.2597 .281-32NS-2 PD .2565	.015 .009
MS24588-5	1.450 1.430	.442 .437	.308 .302	.365 .357	.368 .360	.329 .324	.199 .194	.107	.565	.280	.365 .345	.237 .232	4°	.3398 .365-28NS-2 PD .3365	.020 .010
MS24588-6	1.665 1.645	.504 .499	.368 .362	.421 .414	.429 .421	.388 .383	.223 .218	.107	.605	.260	.445 .425	.300 .295	4°	.3968 .421-28NS-2 PD .3932	.020 .010
MS24588-8	1.943 1.923	.684 .679	.463 .457	.5625 .5540	.563 .555	.521 .516	.296 .291	.126	.683	.480	.580 .560	.394 .390	4-1/2°	.9/16-24NEF-2A	.020 .010
MS24588-10	2.100 2.080	.800 .795	.579 .573	.6875 .6750	.692 .684	.646 .641	.312 .307	.126	.730	.515	.690 .670	.488 .484	5°	.11/16-24NEF-2A	.020 .010
MS24588-12	2.424 2.404	.975 .970	.690 .682	.8125 .8030	.814 .806	.740 .735	.300 .295	.150	.714	.590	.860 .840	.612 .608	4°	.13/16-20UNEF-2A	.020 .010

## MATERIAL:

SIZES 3 THRU 6 TO BE 1137 STEEL PER QQ-S-633.

SIZES 8 AND ABOVE TO BE ALUMINUM PER QQ-A-268, T6 OR T851 TEMPER.

## PROTECTIVE TREATMENT:

STEEL- CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 3, DYED BLACK  
ALUMINUM- ANODIZES PER MIL-A-8625, TYPE II, DYED BLUE.

✓ 125 MAXIMUM SURFACE ROUGHNESS PER MIL-STD-10, UNLESS OTHERWISE SPECIFIED.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS THAT MIGHT BECOME DISLODGED UNDER USAGE.  
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ANGLES ± 1/2°; FRACTIONS ± 1/64; DECIMALS ± .005

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.  
THIS PART IS A COMPONENT OF MS24587.

## Ⓐ "ENTIRE STANDARD REVISED"

P.A. AIR FORCE-69 Other Cust	TITLE NIPPLE, ADAPTER, HOSE TO TUBE, REUSABLE, HYDRAULIC, FUEL AND OIL LINES. 3/16 THROUGH 3/4 INCH TUBING SIZES.	MILITARY STANDARD <b>MS 24588</b>
PROCUREMENT SPECIFICATION MIL-A-5070	SUPERSEDES: MS24588 (USAP)	SHEET 1 OF 1