

USER ACTIVITIES:
ARMY-AT, ER, ME, MI

REVIEWER ACTIVITIES:
AIR FORCE-II
AIR FORCE-82
DLA-IS

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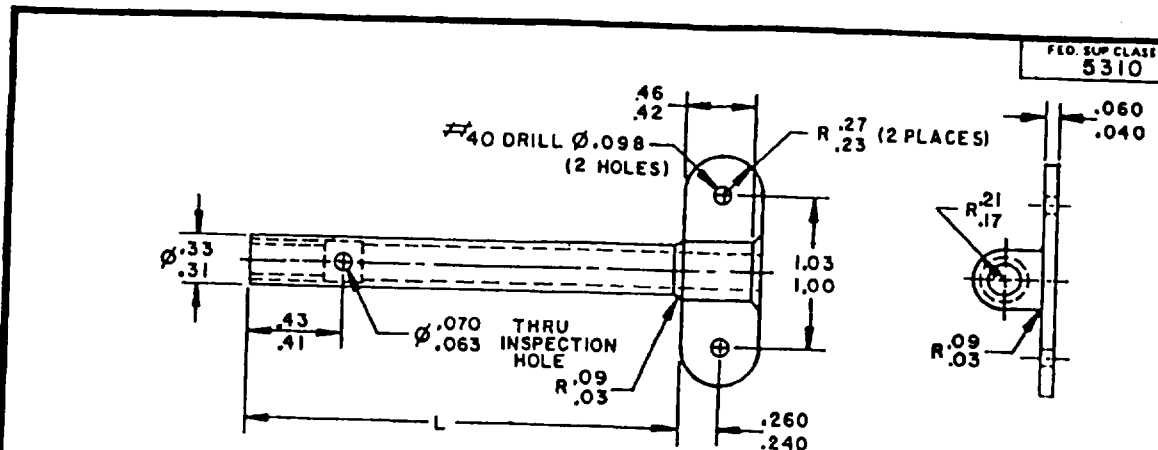


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	THREAD SIZE HELICAL COILED INSERT
-04	.1120-40 UNJC-2R
-06	.1380-32 UNJC-2B
-08	.1640-32 UNJC-2B
-3	.1900-32 UNJC-2B

TABLE II. LENGTH SECOND DASH NUMBER

DASH NUMBER	L	DASH NUMBER	L ±.010	DASH NUMBER	L ±.020	DASH NUMBER	L ±.020	DASH NUMBER	L ±.020	DASH NUMBER	L ±.020
-2	.20 1/	-7	.70	-12	1.20	-17	1.70	-22	2.20	-27	2.70
-3	.30 1/	-8	.80	-13	1.30	-18	1.80	-23	2.30	-28	2.80
-4	.40 1/	-9	.90	-14	1.40	-19	1.90	-24	2.40	-29	2.90
-5	.50 1/	-10	1.00	-15	1.50	-20	2.00	-25	2.50	-30	3.00
-6	.60	-11	1.10	-16	1.60	-21	2.10	-26	2.60		

1/ NO INSPECTION HOLE REQUIRED

AIR FORCE-99 Other Code ARMY-AV NAVY-AS		INTERNATIONAL INTEREST	TITLE NUT, SELF-LOCKING, PLATE, SPACER, LIGHT DUTY	MILITARY STANDARD MS21449
PROCUREMENT SPECIFICATION MIL-N-25027		SUPERSEDES:		PAGE 1 OF 2

DD FORM 1 MAY 72 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310-1470

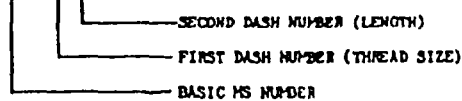
APPROVED 2 MAR 87 REVISED

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REQUIREMENTS:

1. MATERIAL: ALUMINUM ALLOY FORGING 2014-T6 (UNS A92014) IN ACCORDANCE WITH ASTM B209.
2. PROTECTIVE COATING: ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE 1, CLASS 1, OR CHEMICALLY TREAT PER MIL-C-5541 TO PRODUCE A COLOR INSPECTABLE FILM.
3. VIBRATION: VIBRATION REQUIREMENTS IN ACCORDANCE WITH MIL-I-8846
4. PART NUMBER: THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, FOLLOWED BY THE FIRST DASH NUMBER TAKEN FROM TABLE I, FOLLOWED BY THE SECOND DASH NUMBER TAKEN FROM TABLE II.

EXAMPLE: MS21449-04-2



MS21449-04-2 INDICATES - NUT, SELF-LOCKING, PLATE, SPACER, HELICAL COILED
INSERT THREAD SIZE, .1120-40 UNJC-2B, LENGTH .20.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. THE HELICAL INSERT AND SPACER PLATE SHALL FORM ONE INTEGRAL UNIT.
3. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
4. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
5. NO CPL SHALL BE ESTABLISHED.

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P.A. AIR FORCE-99 Other Govt ARMY- AV NAVY- AS	INTERNATIONAL INTEREST	TITLE NUT,SELF-LOCKING,PLATE, SPACER,LIGHT DUTY	MILITARY STANDARD	
			MS21449	
PROCUREMENT SPECIFICATION MIL-N-25027		SUPERSEDES:	PAGE 2	OF 2

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