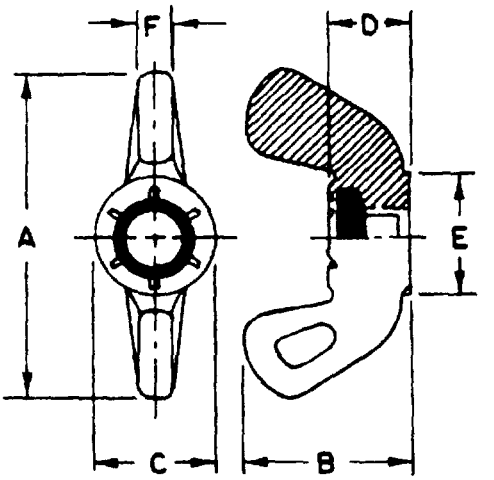

TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	THREAD 2B	DIMENSIONS											
		A		B		C		D		E		F	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
-082	1640-32 UNC	1 06	1 00	53	47	.40	33	27	21	40	33	12	08
-102	1900-32 UNF												
-104	1900-24 UNC												
-420	2500-20 UNC	1 30	1.20	62	56	47	41	33	27	47	41	14	10
-428	2500-28 UNF												
-518	3125-18 UNC	153	1 47	75	69	59	53	36	30	59	53	18	14
-616	3750-16 UNC												

REQUIREMENTS

1 MATERIAL: ZINC DIE CASTING ALLOY, TYPE C, STYLE 1 SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AND QQ-Z-363 (UNS Z33520) LOCKING INSERT, NYLON OR EQUIVALENT (250° F) SHALL BE IN ACCORDANCE WITH MIL-F-18240

2 PROTECTIVE COATING UNPLATED

3 THREADS THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21

4 BEARING SURFACE BEARING SURFACE SHALL BE 90° ±3° TO THE AXIS OF THE THREADED HOLE

5 LOCKING INSERT LOCKING INSERT SHALL MEET THE LOCKING TORQUE REQUIREMENTS OF MIL-N-25027 THUMB AND FINGER PRESSURE ONLY, NOT TO EXCEED 20 INCH-POUNDS

6 PART NUMBER THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE MS51553-082
- DASH NUMBER
- BASIC MS NUMBER

MS51553-082 INDICATES NUT, SELF-LOCKING, WING, 1640-32 UNC-2B, DIMENSIONS FROM TABLE I

NOTES

1. ALL DIMENSIONS ARE IN INCHES.
2. 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
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OFDEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FROM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN

APPROVED 31 AUG 1987 REVISED

PA ARMY - AR
Other Custs AIR FORCE - 99
INTERNATIONAL INTEREST
TITLE NUT, SELF - LOCKING, WING
MILITARY STANDARD
MS51553
PROCUREMENT SPECIFICATION ANSI B 18 17
SUPERSEDES
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