



TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NUMBER AND MATERIAL CODE	L ± .015	ØD + .000 -.002	DASH NUMBER AND MATERIAL CODE	L ± .015	ØD + .000 -.002
9 A B C D E	72	.063	13 A B C D E	84	.187
10 A B C D E			14 A B C D E		
11 A B C D E			15 A B C D E		
12 A B C D E	84	.125	16 A B C D E		

REQUIREMENTS:

1. MATERIAL.
 - A ALUMINUM-TEMPER O, IN ACCORDANCE WITH QQ-A-225/1
 - B COPPER ALLOY-ALLOY NO. 270, HALF-HARD, IN ACCORDANCE WITH QQ-W-321
 - C STEEL, CORROSION RESISTANT IN ACCORDANCE WITH AMS1/ASTM A313
 - D STEEL CARBON, COMPOSITION 1010-1020, UNS G10100-G10200 IN ACCORDANCE WITH QQ-W-461
 - E BRONZE CLASS A FORM ROD, HALF HARD IN ACCORDANCE WITH QQ-B-728
2. PART NUMBER THE PART NUMBER SHALL CONSIST OF THE BASIC NS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1:

EXAMPLE **MS27990-9A**

→ MATERIAL (SEE REQUIREMENT 1)

DASH NUMERICAL

- BASIC MS NUMBER

MS27990- 9A INDICATES- PIN, STRAIGHT, HINGE, PLANO, LENGTH; 72,
DIAMETER .063, MATERIAL, ALUMINUM

ⓑ ENTIRE STANDARD REVISED

ARMY-AR

INTERNATIONAL
INTEREST

1931F

Other Cut
AIR FORCE-98

PIN, STRAIGHT,
HINGE, PIANO

MILITARY STANDARD

MS27990

PROCUREMENT SPECIFICATION

Y SUPREDES

MIL-H-9850

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ARMY-ME
NAVY-AS, MC

ARMY - MI
AIR FORCE - B2
DLA - 15

RECEIVED 8 23 MAR 88

3 AUG 61

AMSC N/A

DD 672-1

5340-1785

FED. SUP. CLASS
5340

NOTES

1. ALL DIMENSIONS ARE IN INCHES
2. APPLICATION MAY BE OF ANY LENGTH WITHIN THE LIMIT SHOWN ABOVE
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. DASH NUMBERS 1 THROUGH 8 ARE CANCELLED, AND NEW DASH NUMBERS 9 THROUGH 16 ASSIGNED FOR "L" DIMENSIONS (72) AND (84) SEE TABLE II HEREIN

TABLE II CROSS REFERENCE OF CANCELLED DASH NUMBERS

CANCELLED	LENGTH	SUPERSEEDING	LENGTH
MS27990-1 MS27990-2 MS27990-3 MS27990-4 MS27990-5 MS27990-6 MS27990-7 MS27990-8	96	MS27990-9 MS27990-10 MS27990-11 MS27990-12 MS27990-13 MS27990-14 MS27990-15 MS27990-16	72
	120		84

USER ACTIVITIES
ARMY-NE
NAVY-AS,MCREVIEWER ACTIVITIES
ARMY-M
AIR FORCE-82
DLA-ISThis military standard is approved for use by all Departments and Agencies of the Department of Defense.
No action for all new engineering and design applications and for suppliers use shall be made from this document when applicable.APPROVED 3 AUG 61
REVIEWED (B) FOR CHANGES SEE PAGES 1 AND 2

P.A.	ARMY-AR	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other: Cust	AIR FORCE-99		PIN, STRAIGHT, HINGE, PIANO	MS27990
PROCUREMENT SPECIFICATION	SUPERSEDES	PAGE	OF	
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DD FORM 672-1 COORDINATED

5340-1785