

USER ACTIVITIES:  
NAVY - MC

REVIEWER ACTIVITIES:  
ARMY - AT, AV, MI, GL  
AIR FORCE - 82  
DLA - IS

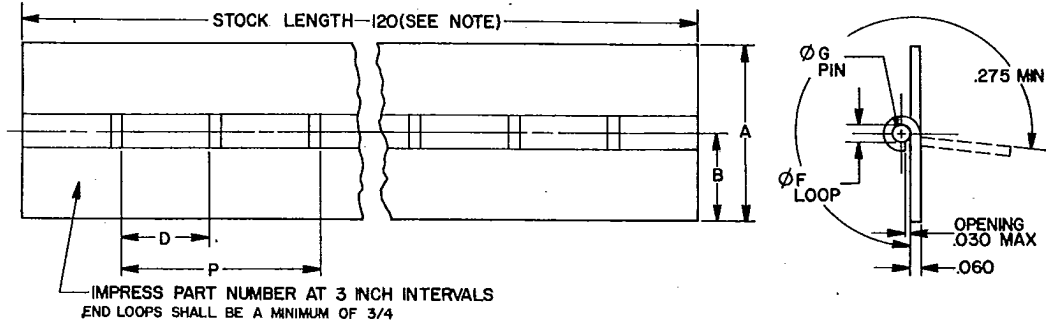


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO.	WIDTH		STOCK LENGTH L ±.03	KNUCKLE LENGTH 1/ D	PITCH 2/ P	KNUCKLE Ø F	PIN Ø G
	A REF	B ±.031					
1	3.000	1.500	120 SEE NOTE 3	1.998 <sup>+.000</sup> <sub>-.015</sub>	4.000 <sup>+.015</sup> <sub>-.003</sub>	.315	.312
2	3.500	1.750					
3	4.000	2.000					
4	5.000	2.500					
5	6.000	3.000					
6	3.000	1.550					
7	3.500	1.750					
8	4.000	2.000	120 SEE NOTE 2	1.998	4.000	.378	.375
9	5.000	2.500					
10	6.000	3.000					

1/ SEE REQUIREMENT 3

2/ SEE REQUIREMENT 4

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.  
This military standard is approved for use by all Departments and Agencies of the Department of Defense.  
Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

INACTIVE FOR NEW DESIGN AFTER 22 JAN. 1976

Ⓢ ENTIRE STANDARD REVISED

INCH - POUND

P.A. ARMY - AR Other Cust NAVY - AS AIR FORCE-99	INTERNATIONAL INTEREST	TITLE HINGE, CONTINUOUS, (PIANO) .060 THICKNESS .312 & .375 PIN DIA	MILITARY STANDARD - <b>MS35828</b>
PROCUREMENT SPECIFICATION MIL-H-9850	SUPERSEDES:	PAGE 1	OF 2

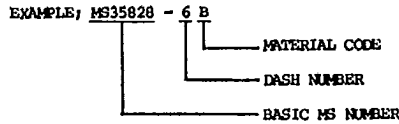
APPROVED 24 JUN 57  
REVISED 6 JAN 89

**REQUIREMENTS:**

1. **MATERIAL**
  - A. ALUMINUM-LEAF-TEMPER, H24 OR H34 HALF-HARD (UNS A95052), IN ACCORDANCE WITH QQ-A-250/8. ALUMINUM-PIN-TEMPER, HALF-HARD (UNS A95052), IN ACCORDANCE WITH QQ-A-225/7.
  - B. BRASS-LEAF-ALLOY 268 (UNS C26800), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-B-613. COPPER-PIN-ALLOY 260 (UNS C26000), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-W-321.
  - C. CORROSION RESISTANT STEEL-LEAF-CLASS 301 (UNS S30100), 302 (UNS S30200), OR 304 (UNS S30400), CONDITION A, TEMPER ANNEALED, IN ACCORDANCE WITH QQ-S-766. CORROSION RESISTANT STEEL-PIN-FORM 1, CONDITION B, COMPOSITION 302 (UNS S30200), 304 (UNS S30400), 305 (UNS S30500) AND 316 (UNS S31600). IN ACCORDANCE WITH ASTM A313.
  - D. CARBON STEEL-LEAF-COLD-ROLLED, TEMPER NO. 4 IN ACCORDANCE WITH QQ-S-698. CARBON STEEL-PIN-COMPOSITION 1010 (UNS G10100), 1020 (UNS G10200) IN ACCORDANCE WITH QQ-W-461.
  - E. CARBON STEEL-LEAF-COLD-ROLLED TEMPER NO. 4 IN ACCORDANCE WITH QQ-S-698. COPPER-PIN-ALLOY 260 (UNS C26000), TEMPER HALF-HARD IN ACCORDANCE WITH QQ-W-321.

**FINISH:** MATERIAL A, B, C AND D SHALL BE PLAIN (UNCOATED). WHEN SPECIFIED, MATERIAL D SHALL BE ZINC PLATED IN ACCORDANCE WITH ASTM B633 TYPE II, FE/ZN 13 OR CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416 TYPE II CLASS 1. MATERIAL E SHALL BE CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 1.

- 1/ 3. **KNUCKLES** - END KNUCKLES SHALL BE A MINIMUM 1/2 OF KNUCKLE.
- 2/ 4. **PITCH** - CUMULATIVE TOLERANCE ON PITCH IS  $\pm .015$  INCHES IN ANY 36 INCH SEGMENT.
5. **PART NUMBER:** - THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER FOLLOWED BY THE APPLICABLE CODE FOR MATERIAL FROM REQUIREMENT 1.



WHEN PROTECTIVE FINISH IS REQUIRED FOR MATERIAL D, ADD F TO THE PART NUMBER.

**NOTES:**

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
2. HINGES SHALL BE STOCKED AND ISSUED IN LENGTHS OF 120.00 INCHES. APPLICATION MAY BE OF ANY LENGTH WITHIN THE ABOVE LENGTH.
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.

USER ACTIVITIES:  
NAVY - MC

REVIEWER ACTIVITIES:  
ARMY - AT, AV, MI, GL  
AIR FORCE - 82  
DLA - IS

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.  
This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

AMSC N/A

APPROVED 24 JUN 57 REVISED 24 JUN 57 FOR CHANGES SEE PAGES 1 AND 2

P.A. ARMY - AR Other CUIS NAVY - AS AIR FORCE - 99	INTERNATIONAL INTEREST	TITLE HINGE, CONTINUOUS, (PIANO) .060 THICKNESS .312 & .375 PIN DIA	MILITARY STANDARD	
			MS35828	
PROCUREMENT SPECIFICATION MIL - H - 9850	SUPERSEDES:	PAGE 2	OF 2	

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5340-1865