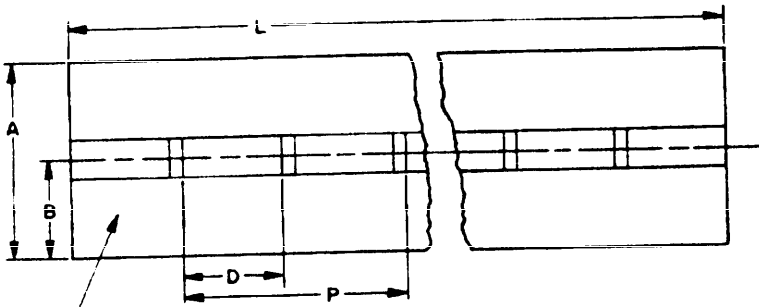


USER ACTIVITIES:  
NAVY - MC

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



IMPRESS PART NUMBER AT A MAXIMUM OF 5 INCH INTERVALS

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO.	Width		STOCK LENGTH L ±.03	BUCKLE LENGTH 1/ D	PITCH 2/ P	BUCKLE ØF	PIN ØG
	A REF	B ±.031					
11	3.000	1.500	84.00 SEE NOTE 2	1.998 <sup>+0.000</sup> -.015	4.000 <sup>+0.015</sup> -.003	.255 <sup>+0.007</sup> -.001	.250 <sup>+0.002</sup>
12	3.500	1.750					
13	4.000	2.000					
14	5.000	2.500	84.00 SEE NOTE 2	1.998 <sup>+0.000</sup> -.015	4.000 <sup>+0.015</sup> -.003	.300 <sup>+0.007</sup> -.001	.375 <sup>+0.002</sup>
15	4.000	2.000					
16	5.000	2.500					
17	6.000	3.000					

- 1/ SEE REQUIREMENT 3
- 2/ SEE REQUIREMENT 4

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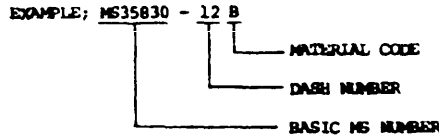
Ⓔ ENTIRE STANDARD REVISED

INCH - POUND

PA <b>ARMY - AR</b> Other Cust <b>NAVY - AS</b> <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	TITLE <b>HINGE, BUTT, CONTINUOUS (PIANO)</b> <b>.090 THICKNESS .250, &amp; .375 PIN DIA</b>	<b>MILITARY STANDARD</b>	
			<b>MS35830</b>	
PROCUREMENT SPECIFICATION <b>MIL-H-9850</b>	SUPERSEDES	PAGE <b>1</b>	OF <b>2</b>	

**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 (30400) CONDITION A, TEMPER ANNEALED, IN ACCORDANCE WITH QQ-G-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-G-698. CARBON STEEL-PIN-COMPOSITION 1010 (UNS S30100), 1020 (UNS S30200) IN ACCORDANCE WITH QQ-W-461.
  - E. CARBON STEEL-LEAF-COLD-ROLLED TEMPER NO. 4 IN ACCORDANCE WITH QQ-G-698. COPPER-PIN-ALLOY 260 (UNS C26000), TEMPER HALF-HARD IN ACCORDANCE WITH QQ-W-321.
2. **FINISH:** MATERIAL A, B, C AND D SHALL BE PLAIN (UNCOATED). WHEN SPECIFIED, MATERIALS "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 84.00 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.
5. DASH NUMBERS 1 THRU 10 ARE CANCELLED AND NEW DASH NUMBERS ASSIGNED FOR L DIMENSION (84.00) INCHES.

TABLE 11. CROSS REFERENCED OF CANCELLED DASH NUMBERS

CANCELLED	LENGTH	SUPERSDING	LENGTH
MS35830-1	1.20	MS35830-11	84
MS35830-2	1.20	MS35830-12	84
MS35830-3	1.20	MS35830-13	84
MS35830-4	1.20	MS35830-14	84
MS35830-5	1.20	NONE	—
MS35830-6	1.20	NONE	—
MS35830-7	1.20	NONE	—
MS35830-8	1.20	MS35830-15	84
MS35830-9	1.20	MS35830-16	84
MS35830-10	1.20	MS35830-17	84

P A <b>ARMY - AR</b> <small>Other Govt</small> <b>NAVY - AS</b> <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	TITLE <b>HINGE, BUTT, CONTINUOUS (PIANO)</b> <b>.090 THICKNESS .250, &amp; .375 PIN DIA</b>	<b>MILITARY STANDARD</b>
			<b>MS35830</b>
PROCUREMENT SPECIFICATION <b>MIL-H-9850</b>	SUPERSEDES	PAGE 2 OF 2	

USER ACTIVITIES:  
NAVY - MC

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

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