### MILITARY STANDARD

**MS35830**

#### PART NUMBERS

- **Hinge, Butt, Continuous** (Piano) .090 Thickness 250 & .375 Pin Dia

#### Table

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<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>Weight</th>
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#### Diagram

- Hinge butt, continuous with dimensions and tolerances.

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**Note:**

- All dimensions are in inches.
- Tolerances are listed for each part number.
- The table above represents the part numbers and corresponding weights.

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**REVIEWER ACTIVITIES:**

- ARMY - AT, AV, GL, MI
- AIR FORCE - 82
- DLA - S

**USER ACTIVITIES:**

- NAVY - MC
REQUIREMENTS:

1. MATERIAL:
   B. BRASS-LEAD-ALLOY 268 (UNS C56000), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-B-413.
   COPPER-PIN-ALLOY 260 (UNS C56000), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-M-412.
   C. CORROSION RESISTANT STEEL-LEAD-CLASS 301 (UNS S31000), 302 (UNS S30500) OR 304 (30400)
      CONDITION A, TEMPER ANNEALED, IN ACCORDANCE WITH QQ-G-746. CORROSION RESISTANT
      STEEL-PIN-PERM 1, CONDITION B, COMPOSITION 301 (UNS S31000), 304 (UNS S30500)
      AND 316 (UNS S31600), IN ACCORDANCE WITH ARMY MIL-
   D. CARBON STEEL-LEAD-COLD-ROLLED, TEMPER NO. 4 IN ACCORDANCE WITH QQ-D-414.
      CARBON STEEL-PIN-INNERFACE S35830-1, S35830-2, 1020 (UNS S30200), 1020 (UNS S30200)
      IN ACCORDANCE WITH QQ-441.
   E. CARBON STEEL-LEAD-COLD-ROLLED TEMPER NO. 4 IN ACCORDANCE WITH QQ-D-414.
      CARBON STEEL-PIN-450A 260 (UNS C56000), TEMPER HALF-HARD IN ACCORDANCE WITH QQ-M-412.

2. FINISH:
   MATERIAL A, B, C AND D SHALL BE PLAIN (UNCORRECTED). WHEN SPECIFIED, MATERIALS "D" SHALL BE 20C PLATED
   IN ACCORDANCE WITH ARMY MIL-8433 TYPE 11, MIL-01-13 OR CAMEL PLATED IN ACCORDANCE WITH QQ-P-414 TYPE II
   CLASS I. MATERIAL E SHALL BE CHAMFERED PLATED IN ACCORDANCE WITH QQ-P-414, TYPE II, CLASS I.

3. KNOCKS - END KNOCKS SHALL BE A MINIMUM 1/2 OF KNOCKLE.

4. PITCH - CUMULATIVE TOLERANCE ON PITCH IS ±.015 INCHES IN ANY 36 INCH SEGMENT.

5. PART NUMBER - THE MR PART NUMBER CONSISTS OF THE MR NUMBER PLUS THE DASH NUMBER FOLLOWED BY THE APPLICABLE
   CODE FOR MATERIAL FROM REQUIREMENT 1.

   EXAMPLE: MS5830 - 12 B
   MATERIAL CODE
   BASIC MR NUMBER
   DASH NUMBER

   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.

   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 (DDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF
   THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

5. DASH NUMBERS 11 THROUGH 15 ARE CANCELLED AND NEW DASH NUMBERS ASSIGNED FOR L DIMENSION (84.00 INCHES).

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