REQUIREMENTS


2. FINISH ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE II, CHEMICAL SURFACE TREAT IN ACCORDANCE WITH MIL-C-5541, (ENDS OF ALL HINGES SHALL BE FINISHED).

3. MARKING INK STAMP "M52000" (DASH NUMBER) REGULAR INTERVALS ALONG LENGTH OF HINGE SO THAT ANY THREE INCH LENGTH WILL HAVE AT LEAST ONE COMPLETE IDENTIFICATION IN FIGURES NOT LESS THAN .006 INCHES HIGH. SEE NOTE 6.

4. COMPLETE HINGES SHALL BE FURNISHED AS AN ASSEMBLY WITH CAD PLATED CRES HINGE PINS OF THE SAME LENGTH IN ACCORDANCE WITH M520253, .066-TITANIUM-HINGE-PIN, IN ACCORDANCE WITH M520253-4, SPEC44460 (SEE PART NUMBERING).

5. DESIGNATION FOR ANODIZING, CHEMICAL SURFACE TREATMENT, HINGE STYLE, AND LENGTH SHALL NOT BE INCLUDED IN MARKING.

6. ONLY COMPLETE HINGES TO BE STOCKED BY SERVICES.

7. USE M520257 HINGE WHEREVER LOAD REQUIREMENTS PERMIT.

NOTES

1. DIMENSIONS ARE IN INCHES.

2. REMOVE ALL BURRS AND SHARP EDGES.

3. TYPE X HALF HINGE MATE WITH TYPE Y HALF HINGE, AS SHOWN.

4. TYPE H HALF HINGE MATE WITH TYPE H HALF HINGE.

5. FOR SERVICE PROCUREMENT, THE PREFERRED STOCK LENGTH OF COMPLETE HINGES IS 72 INCHES.

6. PART NUMBERING (NOMENCLATURE TO BE INCLUDED ON SHIPPING DOCUMENTS ONLY)
   PART NUMBERING SHALL CONSIST OF THE FOLLOWING (IN SEQUENCE):
   a. M520001
   b. "P" FOR ANODIZED FINISH, "C" FOR CHEMICAL SURFACE TREATMENT. OMISSION OF CODE LETTER WILL INDICATE BARE FINISH.
   c. "H", "X", OR "Y" TO DESIGNATE HALF HINGE STYLE. OMISSION OF CODE LETTER WILL INDICATE COMPLETE HINGE.
   d. "A" FOR 7075-T73511 ALUMINUM ALLOY HINGE, OMISSION OF "A" WILL INDICATE 2024-T3511 ALUMINUM ALLOY.
   e. "AT"-FOR-TITANIUM-HINGE-PIN (FOR COMPLETE HINGE ONLY). OMISSION OF "AT" WILL INDICATE CADMIUM-PLATED CRES HINGE PIN.
   f. DASH NUMBER (TABLE I). OMIT DASH IF PRECEDED BY CODE LETTER.
   g. A DASH FOLLOWED BY LENGTH "L" EXPRESSED IN INCHES AND HUNDREDS.

7. EXAMPLES OF PART NUMBERS
   M520001-4-1200 = COMPLETE HINGE, BARE FINISH, ALUMINUM 2024-T3511, CAD PLATED CRES HINGE PIN, 1.500 INCHES WIDE, 12.00 INCHES LONG.

8. DO NOT SPECIFY "P" FOR ANODIZE IF HINGE IS TO BE SPOTWELDED.

9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE ISSUE DATE OF THE ISSUE ADOPTED.

10. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.