

NOTICE

THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS20253E, NOTICE 2 AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MS20253E, NOTICE 2. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

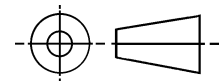
THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS SAE TECHNICAL DOCUMENT.

AS20253

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

THIRD ANGLE PROJECTION



ISSUED 2000-08

PREPARED BY SAE COMMITTEE E-25



AEROSPACE STANDARD

PIN, HINGE

AS20253
SHEET 1 OF 3

AS20253

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: NONE.

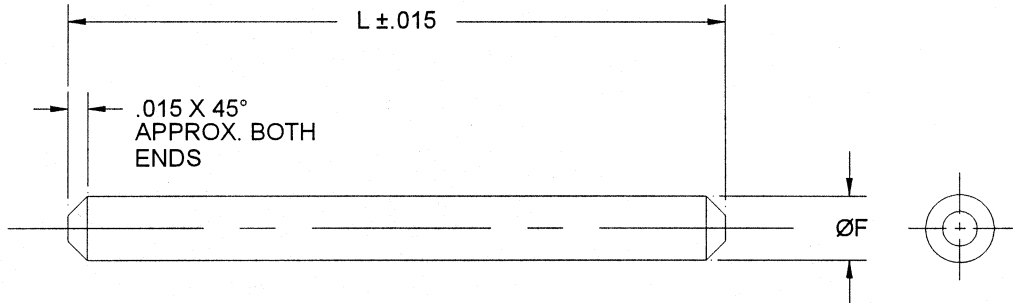


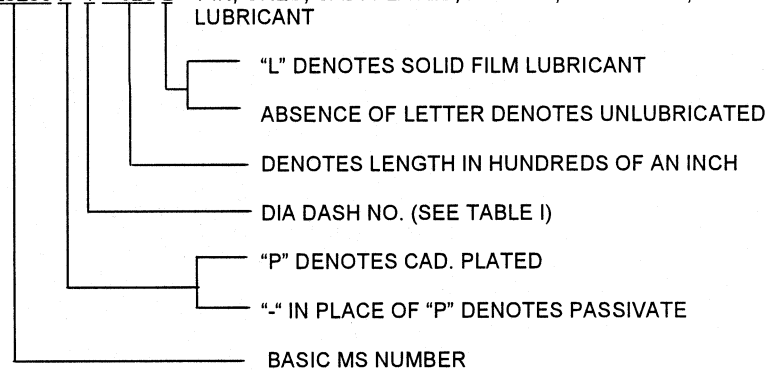
TABLE I. DIAMETER DASH NO.

DASH NO.	1	2	3	4	5
ØF +.001	.062	.089	.117	.179	.129
ØF -.001					

REQUIREMENTS:

1. MATERIAL: CORROSION RESISTANT STEEL PER QQ-W-423, FORM I. CONDITION B (STRAIGHTENED AND CUT LENGTHS) COMPOSITION FS 302, FS 304, OR FS 316.
2. FINISH: CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, OR PASSIVATE PER QQ-P-35.
3. LUBRICATION: WHEN SPECIFIED, SOLID FILM LUBRICANT PER MIL-L-46010.
4. EXAMPLE OF PART NUMBER:

MS20253 P 1 - 625 L = PIN, CRES, CAD. PLATED, .063 DIA., 6.250 LONG, SOLID FILM LUBRICANT



AS20253

NOTES:

1. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. REMOVE ALL BURRS AND SHARP EDGES.
3. FOR USE WITH HINGES COVERED BY MS20257 AND MS20001:
AL ALLOY HINGE HALVES: USE CAD. PLATED PIN,
CRES HINGE HALVES: USE PASSIVATED PIN.
4. MS20253 SUPERSEDES AN253.
5. NOT TO BE STOCKED BY THE SERVICES.
6. INTERCHANGEABILITY RELATIONSHIP: MS20253 AND AN253 PARTS OF LIKE DASH NUMBERS ARE UNIVERSALLY, FUNCTIONALLY AND DIMENSIONALLY INTERCHANGEABLE.
7. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.