

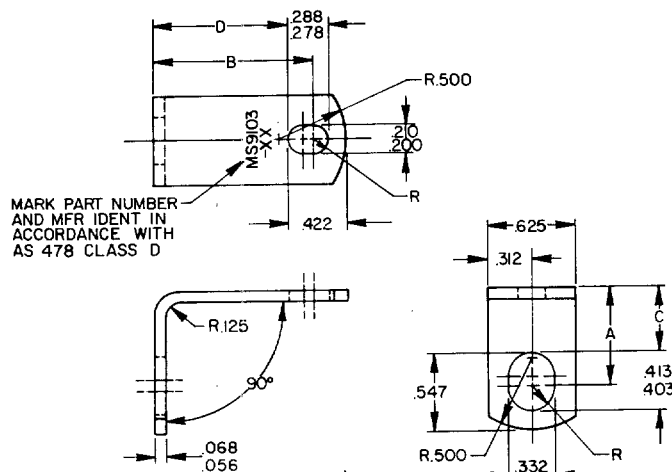
FED. SUP. CLASS
5340

TABLE I. DASH NUMBERS AND DIMENSIONS.

| DASH NO | A REF | B REF | C $\pm .010$ | D $\pm .010$ | APPROX WEIGHT LB/100 | DASH NO | A REF | B REF | C $\pm .010$ | D $\pm .010$ | APPROX WEIGHT LB/100 |
|---------|-------|-------|--------------|--------------|----------------------|---------|-------|-------|--------------|--------------|----------------------|
| -01 | .562 | .500 | .328 | .328 | 1.225 | -40 | 1.062 | .500 | .828 | .328 | 1.773 |
| -02 | .562 | .625 | .328 | .453 | 1.362 | -41 | 1.062 | .625 | .828 | .453 | 1.910 |
| -03 | .562 | .750 | .328 | .578 | 1.499 | -42 | 1.062 | .750 | .828 | .578 | 2.047 |
| -04 | .562 | .875 | .328 | .703 | 1.636 | -43 | 1.062 | .875 | .828 | .703 | 2.184 |
| -05 | .562 | 1.000 | .328 | .828 | 1.773 | -44 | 1.062 | 1.000 | .828 | .828 | 2.321 |
| -06 | .562 | 1.250 | .328 | 1.078 | 2.047 | -45 | 1.062 | 1.250 | .828 | 1.078 | 2.596 |
| -07 | .562 | 1.500 | .328 | 1.328 | 2.321 | -46 | 1.062 | 1.500 | .828 | 1.328 | 2.870 |
| -10 | .688 | .500 | .453 | .328 | 1.362 | -50 | 1.312 | .500 | 1.078 | .328 | 2.047 |
| -11 | .688 | .625 | .453 | .453 | 1.499 | -51 | 1.312 | .625 | 1.078 | .453 | 2.184 |
| -12 | .688 | .750 | .453 | .578 | 1.636 | -52 | 1.312 | .750 | 1.078 | .578 | 2.321 |
| -13 | .688 | .875 | .453 | .703 | 1.773 | -53 | 1.312 | .875 | 1.078 | .703 | 2.458 |
| -14 | .688 | 1.000 | .453 | .828 | 1.910 | -54 | 1.312 | 1.000 | 1.078 | .828 | 2.596 |
| -15 | .688 | 1.250 | .453 | 1.078 | 2.184 | -55 | 1.312 | 1.250 | 1.078 | 1.078 | 2.870 |
| -16 | .688 | 1.500 | .453 | 1.328 | 2.458 | -56 | 1.312 | 1.500 | 1.078 | 1.328 | 3.144 |
| -20 | .812 | .500 | .578 | .328 | 1.499 | -60 | 1.562 | .500 | 1.328 | .328 | 2.321 |
| -21 | .812 | .625 | .578 | .453 | 1.636 | -61 | 1.562 | .625 | 1.328 | .453 | 2.458 |
| -22 | .812 | .750 | .578 | .578 | 1.773 | -62 | 1.562 | .750 | 1.328 | .578 | 2.596 |
| -23 | .812 | .875 | .578 | .703 | 1.910 | -63 | 1.562 | .875 | 1.328 | .703 | 2.732 |
| -24 | .812 | 1.000 | .578 | .828 | 2.047 | -64 | 1.562 | 1.000 | 1.328 | .828 | 2.870 |
| -25 | .812 | 1.250 | .578 | 1.078 | 2.321 | -65 | 1.562 | 1.250 | 1.328 | 1.078 | 3.144 |
| -26 | .812 | 1.500 | .578 | 1.328 | 2.596 | -66 | 1.562 | 1.500 | 1.328 | 1.328 | 3.418 |
| -30 | .938 | .500 | .703 | .328 | 1.636 | -70 | 1.812 | .500 | 1.578 | .328 | 2.596 |
| -31 | .938 | .625 | .703 | .453 | 1.773 | -71 | 1.812 | .625 | 1.578 | .453 | 2.732 |
| -32 | .938 | .750 | .703 | .578 | 1.910 | -72 | 1.812 | .750 | 1.578 | .578 | 2.870 |
| -33 | .938 | .875 | .703 | .703 | 2.047 | -73 | 1.812 | .875 | 1.578 | .703 | 3.007 |
| -34 | .938 | 1.000 | .703 | .828 | 2.184 | -74 | 1.812 | 1.000 | 1.578 | .828 | 3.144 |
| -35 | .938 | 1.250 | .703 | 1.078 | 2.458 | -75 | 1.812 | 1.250 | 1.578 | 1.078 | 3.418 |
| -36 | .938 | 1.500 | .703 | 1.328 | 2.732 | -76 | 1.812 | 1.500 | 1.578 | 1.328 | 3.692 |

INACTIVE FOR DESIGN AFTER 22 NOVEMBER 1966. USE MS9594.
 INTERCHANGEABILITY RELATIONSHIP: MS9103 INDIVIDUAL PART NUMBERS
 MAY BE REPLACED BY ONE OR MORE PART NUMBERS OF MS9594 SELECTED
 WITHIN THE SLOTTED HOLE DIMENSIONAL RANGE OF THE SUPERSEDED
 STANDARD. THE INACTIVATED MS9103 PARTS SHALL NOT BE USED TO
 REPLACE THE SUPERSEDING MS9594 PARTS.

© ENTIRE STANDARD REVISED

| | | | |
|--|------------------------|---|--------------------------|
| P.A. NAVY-AS | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| Other Cust ARMY-AR | | BRACKET, ANGLE, 90° .190x.312 BOLT | |
| AIR FORCE-82 | | | MS9103 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | | PAGE 1 OF 2 |

REVISED 18 JUN 87
APPROVED 17 OCT 58

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AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5340-1739

USER ACTIVITIES:

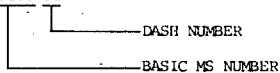
REVIEWER ACTIVITIES:
DLA-1S

FED SUP CLASS
5340

REQUIREMENTS:

1. MATERIAL. CORROSION RESISTANT STEEL IN ACCORDANCE WITH AMS 5510.
2. DIMENSIONING AND TOLERANCING. DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
3. TOLERANCES. UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .015$, ANGULAR DIMENSIONS $+2^{\circ}$.
4. PART NUMBER. THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9103-02



MS9103-02 INDICATES - BRACKET, 90° ANGLE, LENGTH A, .562; LENGTH B, .625.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED DASH NUMBERS.
3. REMOVE BURRS AND BREAK SHARP EDGES.
4. 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.
5. 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.
6. AS AND AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
7. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

USER ACTIVITIES:

REVIEWER ACTIVITIES:
DLA-1S

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.

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|---|------------------------|--|---------------------------------|
| P.A. NAVY-AS Other Cust ARMY-AR AIR FORCE-82 | INTERNATIONAL INTEREST | TITLE BRACKET, ANGLE, 90° .190 X .312 BOLT | MILITARY STANDARD MS9103 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | PAGE 2 | OF 2 |

APPROVED 17 OCT 58 REVISED C FOR CHANGES SEE PAGES 1 AND 2