

STANDARD PARTS

FED. SUP CLASS
5310

REVIEWER SYMBOLS:

NAVY-AE,AV
NAVY-
USAF-
DLA-IS

Review/user information is current as of the date of this document.
For future coordination of changes to this document, draft circulation
should be based on the information in the current DDPSD.

This drawing standard is approved for use by all Components and Agencies of the Department of Defense.
Section for all new engineering and design applications and for repetitive use shall be made from this document.

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DIMENSIONS IN INCHES - TOLERANCES ON THICKNESS FOR ALUMINUM ALLOY WASHER:
.016 \pm .003; .032 \pm .004; .042 \pm .004; .049 \pm .005;
.063 \pm .006; .090 \pm .007.
ALL OTHER MATERIALS: \pm .010.

1. PARALLELISM AND FLATNESS:

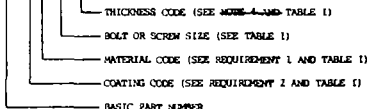
WASHER FACES SHALL BE PARALLEL WITHIN .002 INCH.
WASHER FACES SHALL BE FLAT WITHIN:
.007 INCH FOR SIZES UP TO AND INCLUDING THE 1/2 INCH SIZE.
.010 INCH FOR 9/16 TO 1-1/4 INCH SIZES, INCLUSIVE AND
.015 INCH FOR 1-5/16 INCH AND LARGER SIZES.

4. THICKNESS CODES:

REGULAR SERIES - NO CODE
LIGHT SERIES - L CODE
EXTRA-LIGHT SERIES - LL CODE (DESIGNATED -.016 THICKNESS WHEN L DESIGNATED -.032 THICKNESS)
HEAVY SERIES - H CODE (DESIGNATED -.032 THICKNESS WHEN L DESIGNATED -.016 THICKNESS)

5. J CODE WASHERS ARE INTENDED FOR USE WHEN LOW ELECTRICAL RESISTANCE IS REQUIRED.
6. K CODE WASHERS ARE INTENDED FOR USE WHERE CORROSION PROTECTION IS THE PRIME CONSIDERATION.
7. P CODE WASHERS ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN" AS OF 30 JUNE 1982.
USE J OR K CODE WASHERS. P CODE WASHERS MAY BE USED UNTIL STOCK IS DEPLETED.
8. BRASS WASHERS ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN" AS OF 30 JUNE 1982.
9. NO. 2 THREAD SIZES ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN" AS OF 30 JUNE 1982.
10. EXAMPLE OF PART NUMBER:

AN960 X C 616 LL = CRS STEEL WASHER FOR 3/8 BOLT OR SCREW SIZE. .016 INCH THICK,
BLACK OXIDE COATED PER MIL-C-13924



11. MEDIUM SERIES - M CODE CANCELLED AFTER 20 JULY 1984

REV 16 PART NO. DESIGNATION	SUPERSEDED REV 17 PART NO. DESIGNATION
(A) AN960K10LL AN960J10LL AN960K10LL AN960K10L AN960J10L AN960K10L	(B) AN960H210L AN960J210L AN960H210L AN960H210L AN960J210L AN960H210L

- (a) REINSTATED AFTER 20 JULY 1984
(b) CANCELLED AFTER 20 JULY 1984

APPROVED 18 FEB 82 REVISED FOR CHANGES SEE SHEET 3

HAMILTON STANDARD UPDATING (D) 2-8-85

PROCUREMENT
SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

FF-W-92

WASHER, FLAT

AN 960

SHEET 2 OF 3