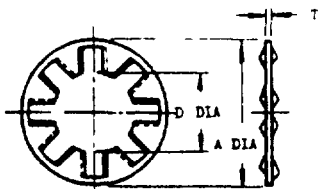
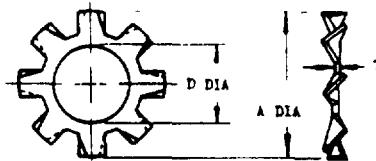


FED SUP CLASS
 5310



TYPE A
 INTERNAL TEETH



TYPE B
 EXTERNAL TEETH

| SIZE | DASH NO | | D - .000 | A + .000 | ± .002 | SIZE | DASH NO | | D - .000 | A + .000 | ± .002 |
|-------|-------------------|---------------------|----------------------------|----------------------------|--------------|-------|---------|--------|--------------|--------------|--------|
| | STEEL | BRONZE | | | | | STEEL | BRONZE | | | |
| NO 2 | A2 | | .089 + .006 | .200 - .025 | .012 | NO 3 | B3 | B3B | .102 + .007 | .230 - .010 | .014 |
| NO 3 | A3 | | .102 + .007 | .232 - .017 | .016 | NO 4 | B4 | B4B | .116 + .007 | .255 - .010 | .016 |
| NO. 4 | A4 | A4B | .116 + .007 | .270 - .015 | .016 | NO. 6 | B6 | B6B | .142 + .008 | .317 - .011 | .020 |
| NO. 6 | A6 | A6B | .142 + .008 | .288 - .010 | .018 | NO. 8 | B8 | B8B | .168 + .008 | .381 - .011 | .020 |
| NO 8 | A8 | A8B | .168 + .008 | .336 - .011 | .020 | NO 10 | B10 | B10B | .195 + .009 | .406 - .011 | .022 |
| NO 10 | A10 | A10B | .195 + .009 | .381 - .011 | .022 | | | | | | |
| 1/4 | A416 A416H | A416B | .256 + .011 .256 + .011 | .478 - .012 .536 - .012 | .025 .038 | 1/4 | B416 | B416B | .256 + .011 | .506 - .012 | .025 |
| 5/16 | A516 | A516B | .320 + .012 | .607 - .013 | .030 | 5/16 | B516 | B516B | .320 + .012 | .601 - .013 | .030 |
| 3/8 | A616 | A616B | .384 + .014 | .692 - .014 | .036 | 3/8 | B616 | B616B | .384 + .014 | .695 - .015 | .036 |
| 7/16 | A716 (*) A716S | A716B (*) A716BS | .448 + .015 .472 + .008 | .789 - .042 .607 - .014 | .038 .018 | 7/16 | B716 | B716B | .448 + .016 | .760 - .020 | .038 |
| 1/2 | A816 | | .512 + .017 | .883 - .016 | .040 | 1/2 | B816 | | .512 + .017 | .900 - .020 | .040 |
| 9/16 | A916 | | .576 + .018 | 1.000 - .043 | .040 | 9/16 | B916 | | .576 + .018 | .985 - .020 | .040 |
| 5/8 | A1016 | | .640 + .019 | 1.071 - .018 | .045 | 5/8 | B1016 | | .640 + .022 | 1.070 - .025 | .045 |
| 3/4 | A1216 | | .769 + .026 | 1.245 - .025 | .050 | 3/4 | B1216 | | .768 + .022 | 1.260 - .045 | .050 |
| 7/8 | A1416 | | .894 + .024 | 1.386 - .022 | .056 | 7/8 | B1416 | | .897 + .030 | 1.410 - .030 | .056 |
| 1 | A1616 | | 1.019 + .024 | 1.637 - .024 | .063 | 1 | B1616 | | 1.025 + .035 | 1.620 - .030 | .063 |

(*) THIS WASHER HAS THE ALTERNATE TEETH TWISTED IN A DIRECTION OPPOSITE TO THAT OF THE OTHER TEETH
 NUMBER OF TEETH MAY VARY WITH SIZE OF WASHER IN ACCORDANCE WITH COMMERCIAL PRACTICE
 MATERIAL: STEEL, BRONZE, SEE PROCUREMENT SPECIFICATION.

EXAMPLE OF PART NUMBER AN936B16B - BRONZE WASHER WITH EXTERNAL TEETH, NON-COUNTERSUNK, FOR USE WITH 1/4-INCH FASTENER
 USE IN CONFORMANCE WITH AND10476
 DIMENSIONS IN INCHES

FINISH STEEL, CADMIUM PLATE, SPECIFICATION QQ-P-416, TYPE I, CLASS 2 (WITHOUT SUPPLEMENTARY TREATMENT)
 BRONZE CADMIUM PLATE, SPECIFICATION QQ-P-416, TYPE II, CLASS 2 (WITH SUPPLEMENTARY CHROMATE TREATMENT),
 AND DYE DEEP YELLOW IN ACCORDANCE WITH FEDERAL STANDARD NO 595, COLOR NO 23538

IN CASE OF CONFLICT, THE REQUIREMENTS SPECIFIED HEREON SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS SPECIFIED IN
 SPECIFICATION MIL-W-6986

INACTIVE FOR DESIGN AFTER 15 MAY 1970, USE MS35333, MS35335, MS35336, OR MS35790
 CANCELED IN PART AFTER 15 MAY 1970 ALL DASH NUMBERS CANCELED EXCEPT, DASH
 NUMBERS A3, A416H, B3, B3B, C2, AND C2B SEE INTERCHANGEABILITY TABLE ON MS35333,
 MS35335, MS35336 OR MS35790 FOR SUBSTITUTIVE PARTS

PROCUREMENT
 SPECIFICATION
 MIL-W-6986

AIR FORCE-NAVY AERONAUTICAL STANDARD

WASHER, TOOTH LOCK

AN936
 SHEET 1 OF 2

DIFFERENCES USAF DRAWING 17 NAF
 DRAWING 1001, AN AERO STANDARD
 215367

DEEP SYMBOLS

REVISION SYMBOLS
 NAVY - AS USAF - 82
 ARMY - WC DSA - IS

Review/user information is current as of the date of this document
 For future consideration of changes to this document draft circulation
 should be based on the information in the current 900185 *

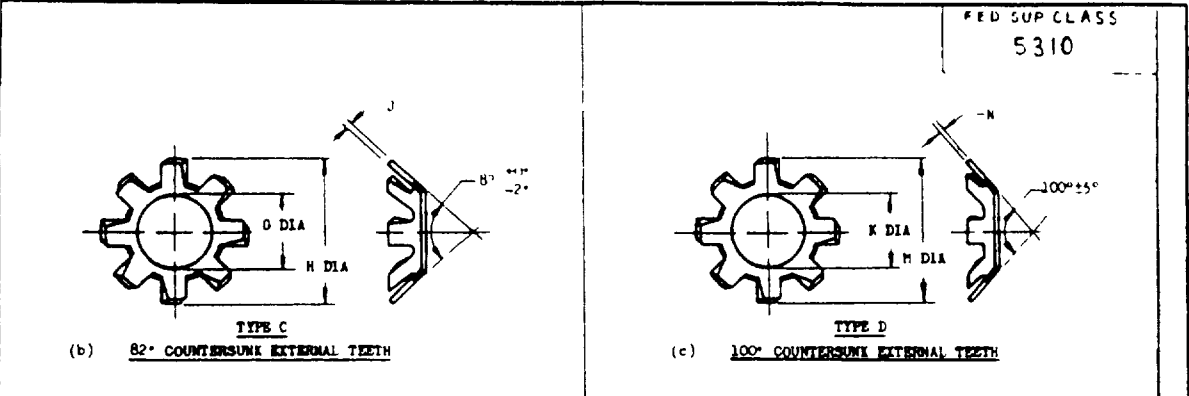
This military standard is mandatory for use by all Departments
 & Agencies of the Department of Defense. Selection for all new
 engineering and design applications and for repetitive use shall
 be made from this document

APPROVED 16 Aug 61 REVISED 1 21 Oct 64 2 30 Apr 65 3 8 Sep 50 4 18 Oct 51 5 7 Mar 56 6 12 Aug 59 7 28 Sep 70

REVISION SYMBOLS
 NAVY - AS
 ARMY - WC
 USAF - 82
 DSA - IS

This military standard is mandatory for use by all Departments & Agencies of the Department of Defense. Solicitation for all new engineering and design applications and for replacement use shall be made from this document.

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 800133 - 2.



FED SUP CLASS
 5310

| SIZE | DASH NO | | G - .000 | H + .000 | J ± .002 | SIZE | DASH NO | | K - .000 | H + .000 | N ± .002 |
|--------|---------|--------|-------------|-------------|-------------|--------|---------|--|-------------|-------------|-------------|
| | STEP | BRONZE | | | | | STEEL | | | | |
| NO. 2 | C2 | C2B | .089 +.006 | .183 -.013 | .008 | NO. 2 | D2 | | .089 +.006 | .190 -.01 | .008 |
| NO. 4 | C4 | C4B | .116 + .00 | .232 -.011 | .016 | NO. 4 | D4 | | .116 +.007 | .243 -.011 | .016 |
| NO. 6 | C6 | C6B | .142 +.008 | .300 -.015 | .018 | NO. 6 | D6 | | .142 +.008 | .287 -.01 | .012 |
| NO. 8 | C8 | C8B | .168 +.008 | .353 -.016 | .018 | NO. 8 | D8 | | .168 +.008 | .340 -.016 | .016 |
| NO. 10 | C10 | C10B | .195 +.009 | .370 -.017 | .022 | NO. 10 | D10 | | .195 +.009 | .394 -.017 | .018 |
| 1/4 | C1/4 | C1/4B | .256 +.011 | .478 -.020 | .022 | | | | | | |
| 5/16 | C5/16 | C5/16B | .320 + .012 | .625 -.022 | .025 | | | | | | |
| 3/8 | C3/8 | C3/8B | .384 +.014 | .801 -.025 | .030 | | | | | | |
| 7/16 | C7/16 | C7/16B | .448 + .015 | .890 -.027 | .036 | | | | | | |

(b) FOR USE WITH 82° COUNTERSUNK HEAD SCREWS ONLY
 (c) FOR USE WITH 100° COUNTERSUNK HEAD SCREWS ONLY

APPROVED 16 Aug 41 REVISED 7 FOR CHANGE SEE SHEET 1

| | | |
|---|--------------------------------------|--------------------------|
| PROCUREMENT SPECIFICATION MIL-W-6986 | AIR FORCE-NAVY AERONAUTICAL STANDARD | AN 936 SHEET 2 |
| | WASHER, TOOTH LOCK | |

SUPERSEDES USAF DRAWING 936, NAF DRAWING 1058, AN AERO STANDARD 215367