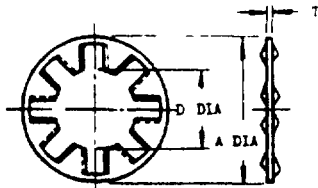
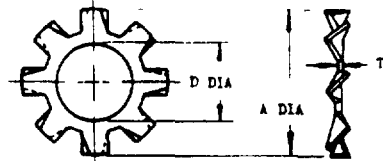


DEP SYMBOLS

REVIEW SYMBOLS
NAVY - AS
ARMY - WC
USAF - 82
DSA - LS*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 000183.This is a very standard is mandatory for use by all Departments
in the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.TYPE A
INTERNAL TEETHTYPE B
EXTERNAL TEETHFED SUP CLASS
5310

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		.641 + .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 AN936B416B - BRONZE WASHER WITH EXTERNAL TEETH, NON-COUNTERSUNK, FOR USE WITH 1/4-INCH FASTENER
USE IN CONFORMANCE WITH AND10476
DIMENSIONS IN INCHES

- ① 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

- ① INACTIVE FOR DESIGN AFTER 15 MAY 1970, USE MS35333, MS35335, MS35336, OR MS35790
① 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

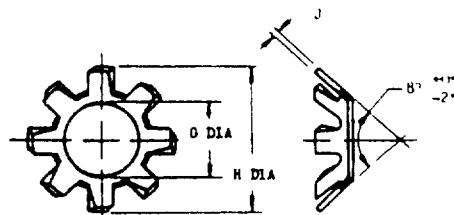
AN936
SHEET 1 OF 2SUPERSEDES USAF DRAWING 17 NAF
DRAWING 17, AN AERO STANDARD
215367

APPROVED 16 Aug 61 REVISED 1 21 Oct 64 2 30 Apr 65 3 8 Sep 60 4 18 Oct 57 5 7 Mar 56 6 12 Aug 59 7 28 Sep 70

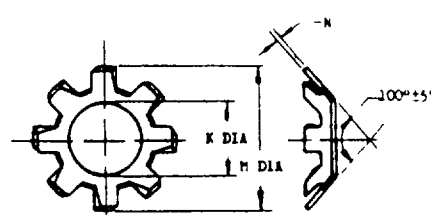
REVIEW SYMBOLS
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 DSA - IS

"Review/user information is current as of the date of this document.
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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.



TYPE C
 (b) 82° COUNTERSUNK EXTERNAL TEETH



TYPE D
 (c) 100° COUNTERSUNK EXTERNAL TEETH

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	.241 - .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

WASHER, TOOTH LOCK

AN 936
 SHEET 2

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