

FED. SUPPLY CLASS

5310

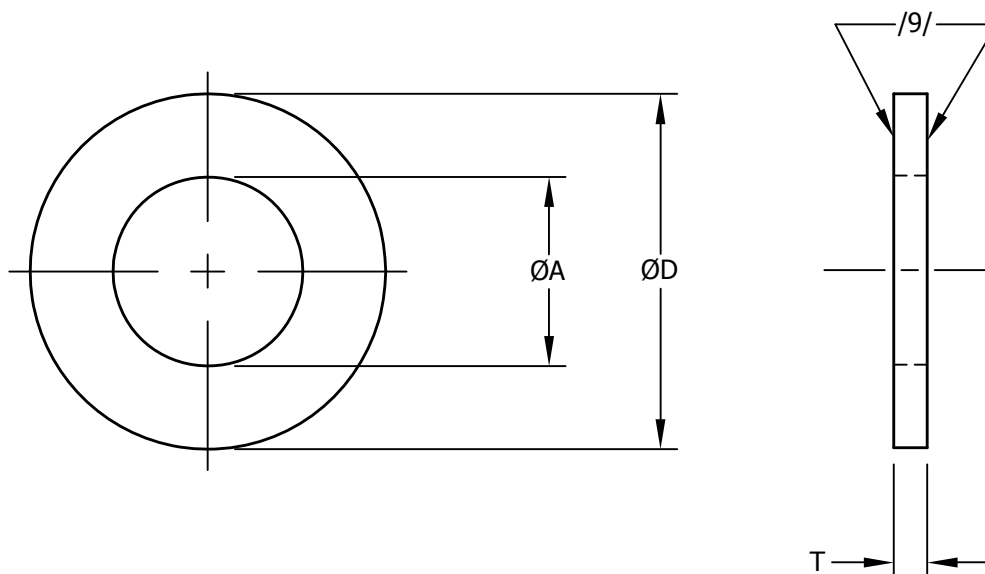


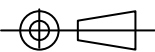
FIGURE 1 – DIMENSIONS AND CONFIGURATIONS

TABLE I – DIMENSIONS AND DASH NUMBERS

AN961 DASH NO.		THREAD SIZE	ØA	ØD +.020 -.005	T
4S	4T	NO. 4	.125	.312	.032
6S	6T	NO. 6	.149	.375	
8S	8T	NO. 8	.174		
10S	10T	NO. 10	.203	.438	
416S	416T	1/4	.265	.500	.064
516S	516T	5/16	.328	.562	
616S	616T	3/8	.390	.625	
816S	816T	1/2	.515	.875	
1016S	1016T	5/8	.640	1.188	

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES AN961, REVISION 2. PART NUMBERS REMAIN AN961.

THIRD
ANGLE
PROJECTION



CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

2

PROCUREMENT SPECIFICATION

TITLE

WASHER, FLAT, ELECTRICAL

CLASSIFICATION
PART STANDARD

FF-W-92

NASM961
SHEET 1 OF 2

SHEET 1 OF 2

MATERIAL: BRASS PER ~~QQ-W-321 (FLAT WIRE) COMP. 7~~ ASTM B134, ALLOY 270 (UNS C27000), TEMPER HALF HARD, OR ~~QQ-B-626, COMP. 1~~ ASTM B36/B36M, ALLOY 260 (UNS C26000) OR ALLOY 268 (UNS C26800), TEMPER HALF HARD.

②

FINISH: TIN PLATE PER ~~MIL-T-10727, TYPE I~~ ASTM B545, CLASS A.
SILVER PLATE PER ~~QQ-S-365~~ ASTM B700, GRADE B.

EXAMPLES OF PART NUMBERS:

AN961-4T = WASHER FOR NO. 4 THREAD SIZE, TIN PLATED.
AN961-4S = WASHER FOR NO. 4 THREAD SIZE, SILVER PLATED.

- NOTES:**
- (1) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
 - (2) DIMENSIONS IN INCHES.
 - (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
 - (4) REMOVE ALL BURRS AND SHARP EDGES.
 - (5) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
 - (6) DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
 - (7) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$.
 - (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
 - /9/ WASHER SHALL BE FLAT WITHIN .005 FOR .875 O.D. AND UNDER, WITHIN .010 FOR O.D. OVER .875.
 - /10/ THE CANCELLED PARTS CANNOT REPLACE THE SUPERSEDING PARTS AND SHOULD BE USED UNTIL STOCK IS DEPLETED. USE ONLY THE ACTIVE AN961 PARTS FOR DESIGN AND REPLACEMENT.

②

TABLE II – SUPERSESIONS - /10/

CANCELLED AN961 DASH NO.	CANCELLED MS45901 DASH NO.	SUPERSEDING AN961 DASH NO.	
-4	-1	-4T	-4S
-6	-2	-6T	-6S
-8	-3	-8T	-8S
-10	-4	-10T	-10S
-416	-5	-416T	-416S
-516	-6	-516T	-516S
-616	-7	-616T	-616S
-816	-8	-816T	-816S
-1016	-9	-1016T	-1016S

REVISION

2

NAS961
SHEET 2



Document Sharing Hub

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. MS PRODUCED UNDER NATIONAL AEROSPACE STANDARD: AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF
Provided by IHS under license with AIA/NAS. Licensee= www.sepana.ir/5991803002, User=sam, albert
No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 05:47:18 MST. IHS MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF

Full document details: AIA NASM961 2013