

FED. SUPPLY CLASS

5310

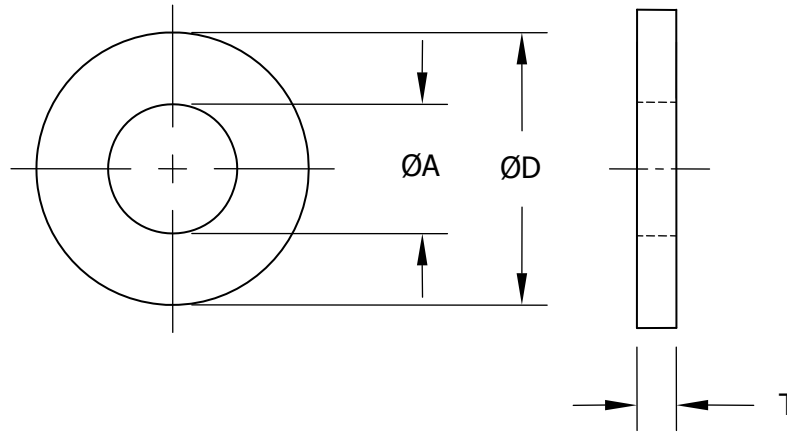


TABLE I – DIMENSIONS

THREAD SIZE	ØA ±.010	ØD +.020 −.005	DASH NUMBERS			
			T THICKNESS			
			.016 ±.003	.032 ±.004	.063 ±.006	.090 ±.007
NO. 2	.105	.250	2L	2		
NO. 4	.125	.312	4L	4		
NO. 6	.149	.375	6L	6		
NO. 8	.174	.375	8L	8		
NO. 10	.203	.438	10L		10	
1/4	.265	.500	416L		416	
5/16	.328	.562	516L		516	
3/8	.390	.625	616L		616	
7/16	.453	.750	716L		716	
1/2	.515	.875	816L		816	
9/16	.578	1.062	916L		916	
5/8	.640	1.188	1016L		1016	
3/4	.765	1.312	1216L			1216
7/8	.890	1.500	1416L			1416
1	1.015	1.750	1616L			1616

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

REVISION DATE: JUNE 30, 2014

ISSUE DATE: DECEMBER 1958

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE WASHER, 5052 ALUMINUM ALLOY

REVISION 4
CLASSIFICATION PART STANDARD
NAS1197 SHEET 1 OF 2



NAS1197
SHEET 1 OF 2

MATERIAL:

5052-H34, 5052-H36, or 5052-H38 (UNS A95052) ALUMINUM ALLOY PER AMS-QQ-A-250/8.

FINISH:

NO PROTECTIVE FINISH. DYE OUTSIDE EDGE ORANGE FOR IDENTIFICATION.

CODE:

DASH NUMBER INDICATES THREAD SIZE PER TABLE I.
"L" AFTER DASH NUMBER INDICATES LIGHT (.016 THK) SERIES.

EXAMPLE OF PART NUMBER:

NAS1197-10L = 5052 ALUMINUM ALLOY WASHER FOR NUMBER 10 SIZE SCREW, .016 THICK
NAS1197-516 = 5052 ALUMINUM ALLOY WASHER FOR 5/16 INCH SIZE SCREW, .063 THICK

NOTES:

- (1) REMOVE ALL BURRS AND SHARP EDGES.
- (2) WASHER FACES SHALL BE PARALLEL WITHIN .002 INCH.
- (3) WASHER FACES SHALL BE FLAT WITHIN .007 FOR SIZES UP THROUGH THREAD SIZE 1/2 INCH AND .010 FOR THREAD SIZES 9/16 INCH AND LARGER.
- (4) DIMENSIONS IN INCHES.
- (5) DESIGNED PRIMARILY FOR INSULATION OF DISSIMILAR METALS PER MIL-STD-889.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (4) (7) 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.
- (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) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 12-01

REVISION

4

NAS1197
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 02:54:37 MST TRADEMARKS RIGHTS.

Full document details: AIA NAS1197 2014