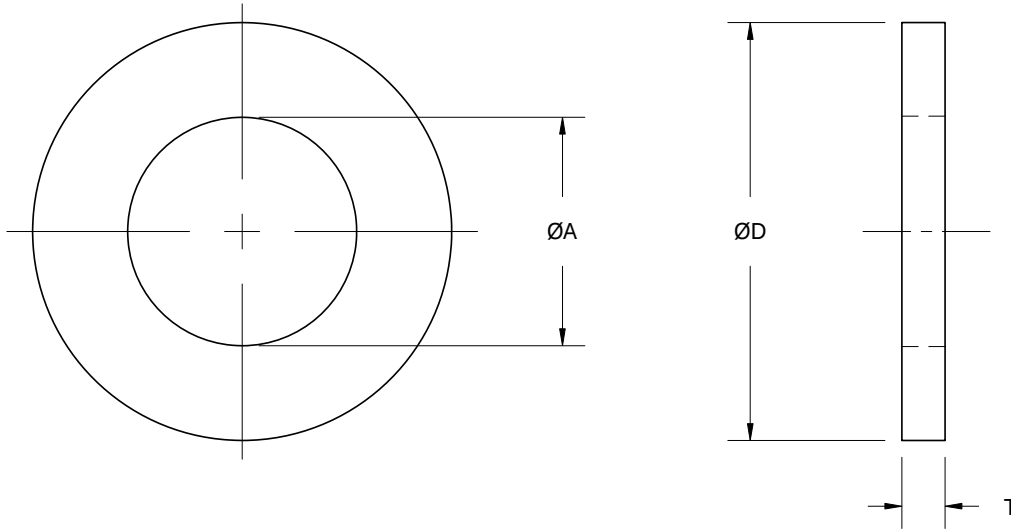


FED. SUPPLY CLASS

5310



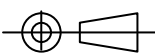
⑤ TABLE I – DIMENSIONS

THREAD SIZE	ØA ±.010	ØD +.020 −.005	DASH NUMBERS	
			T THICKNESS	
			.032 ± .004	.063 ± .006
.1120	.125	.312	4L	4H
.1380	.149	.375	6L	6H
.1640	.174	.375	8L	8H
.1900	.203	.438	10L	10H
.2500	.265	.500	416L	416H
.3125	.328	.562	516L	516H
.3750	.390	.625	616L	616H
.4375	.453	.750	716L	716H
.5000	.515	.875	816L	816H
.5625	.578	1.062	916L	916H
.6250	.640	1.188	1016L	1016H
.7500	.765	1.312	1216L	1216H
.8750	.890	1.500	1416L	1416H
1.0000	1.015	1.750	1616L	1616H
1.0625	1.078	1.812	1716L	1716H
1.1250	1.140	1.875	1816L	1816H
1.2500	1.265	2.000	2016L	2016H
1.3125	1.328	2.062	2116L	2116H
1.6250	1.640	2.375	2616L	2616H
1.8750	1.890	2.625	3016L	3016H
2.2500	2.265	3.000	3616L	3616H
2.5000	2.515	3.250	4016L	4016H

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:

ISSUE DATE: MARCH 1959 REVISION DATE: MARCH 31, 2014

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NONE	TITLE WASHER, FLAT, ⑤ 7075-T6 ALUMINUM ALLOY	CLASSIFICATION PART STANDARD NAS1252 SHEET 1 OF 2

MATERIAL:

7075-T6 ALUMINUM ALLOY PER AMS-QQ-A-250/12

FINISH:

ANODIZING PER MIL-A-8625, TYPE II, CLASS 2 (YELLOW).
CHEMICAL CONVERSION COATING, MIL-DTL-81706 CLASS 3 FORM II PER MIL-DTL-5541 CLASS 3,
ELECTRICALLY CONDUCTIVE

DISCOLORATION IS PERMITTED WHERE WASHER MAKES CONTACT WITH WIRE WHICH SUSPENDS
WASHER IN SOLUTION

CODE:

DASH NUMBER INDICATES THREAD SIZE.
"C" SUFFIX INDICATES CHEMICAL CONVERSION COATING (OMIT FOR ANODIZE).

EXAMPLE OF PART NUMBER:

NAS1252-10L = 7075-T6 ALUMINUM ALLOY WASHER for .190 SCREW, .032 THICK, ANODIZE FINISH
NAS1252-516H = 7075-T6 ALUMINUM ALLOY WASHER for .312 SCREW, .063 THICK, ANODIZE FINISH
NAS1252-516HC = 7075-T6 ALUMINUM ALLOY WASHER for .312 SCREW, .063 THICK, CHEMICAL
CONVERSION COATING FINISH

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 .500 AND .010 FOR SIZES .562
TO 1.250 SIZE INCLUSIVE, AND .015 FOR 1.312 AND LARGER.
- (4) DIMENSIONS IN INCHES.
- ⑤ (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) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF
THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS
DEPLETED.
- (7) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- ⑤ (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

5

NAS1252
Documents

SHEET 2 of 2

Document Sharing Hub