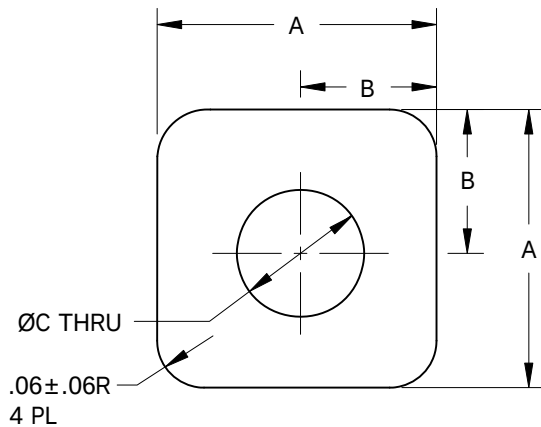
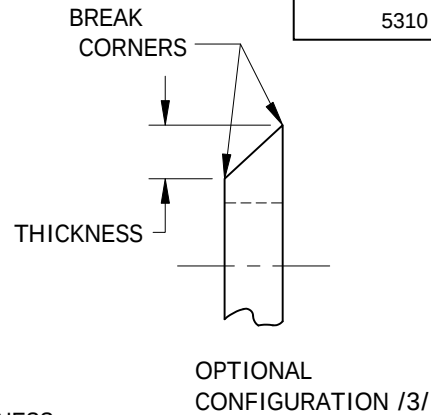


FED. SUPPLY CLASS

5310



RADIUS
(SEE CODE)



THICKNESS
(SEE CODE)

TABLE I – DIMENSIONS

FIRST DASH NO.	A ±.030	B ±.015	ØC ±.010	SECOND DASH NUMBER (AVAILABLE RADII AND THICKNESS)		
				.090	.160	.250
3	.460	.230	.203	3	5	
4	.540	.270	.265	3	5	
5	.610	.305	.328	3	5	
6	.680	.340	.390	3	5	8
7	.750	.375	.453	3	5	8
8	.900	.450	.515	3	5	8
9	1.040	.520	.578	3	5	8
10	1.120	.560	.640	3	5	8
12	1.260	.630	.765	3	5	8

MATERIAL:

ALUMINUM ALLOY: 2024-T4 AL ALLOY EXTRUSION PER ASTM B221, ASTM B241 OR 2024-T3, T4 OR T351 TEMPER, AL ALLOY SHEET OR PLATE PER ~~QQ-A-355~~ AMS-QQ-A-250/4 or ~~QQ-A-362~~ AMS-QQ-A-250/5.

CARBON STEEL: ~~MIL-S-7952~~ AMS5046, OR ~~QQ-S-636~~ QQ-S-698 COLD ROLLED, HALF HARD OR FULL HARD.

CRES: ~~MIL-S-5059~~ OR AMS5510, AMS5512, AMS5901, AMS5517, AMS5518, AMS5902, AMS5519, AMS5516, AMS5903, AMS5904, AMS5905, AMS5906, AMS5513, AMS5911, AMS5913, AMS5524 OR AMS5907.

FINISH:

ALUMINUM ALLOY: ANODIZE PER MIL-A-8625 OR CHEMICALLY TREAT PER MIL-DTL-5541

CARBON STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 3.

CRES: PASSIVATED PER AMS2700, METHOD 1, CLASS 4.

PRIMER: MIL-PRF-85582, TYPE I, CLASS C1, C2 OR N. /5/

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
		CLASSIFICATION PART STANDARD
		NAS1401 SHEET 1 OF 2
PROCUREMENT SPECIFICATION NONE	TITLE WASHER, RADIUS	

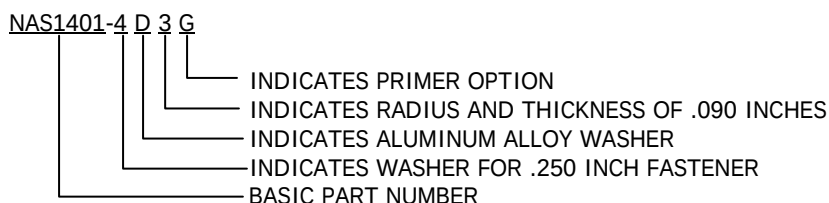


CODE:

FIRST DASH NUMBER INDICATES NOMINAL DIAMETER OF FASTENER THREAD SIZE IN .0625 INCH INCREMENTS.
SECOND DASH NUMBER INDICATES RADIUS AND THICKNESS OF WASHER IN .03125 INCH INCREMENTS AND SHALL BE SELECTED ACCORDING TO AVAILABILITY LISTING IN TABLE.
DASH BETWEEN THE FIRST & SECOND DASH NUMBERS INDICATES CARBON STEEL WASHER.
LETTER "D" BETWEEN THE FIRST & SECOND DASH NUMBERS INDICATES ALUMINUM ALLOY WASHER.
LETTER "C" BETWEEN THE FIRST & SECOND DASH NUMBERS INDICATES CRES WASHER.
LETTER "G" AT THE END OF PART NUMBER INDICATES WASHER WITH TWO COATS OF PRIMER. /5/

EXAMPLE OF PART NUMBER:

NAS1401-4 D 3 G



INDICATES PRIMER OPTION
INDICATES RADIUS AND THICKNESS OF .090 INCHES
INDICATES ALUMINUM ALLOY WASHER
INDICATES WASHER FOR .250 INCH FASTENER
BASIC PART NUMBER

NOTES:

- (1) REMOVE ALL BURRS AND SHARP EDGES.
- (2) PART NUMBER IDENTIFICATION TO BE INK STAMPED (INDELIBLE INK). LOCATION OPTIONAL.
- /3/ PARTS MANUFACTURED FROM SHEET OR PLATE MAY BE CHAMFERED, AS SHOWN ABOVE, IN LIEU OF RADIUS.
- (4) MACHINED SURFACES SHALL HAVE A SURFACE FINISH OF 125 MICROINCHES Ra MAXIMUM PER ASME B46.1.
- /5/ FOR PRIMED PARTS, APPLY SUITABLE SURFACE PREPARATION TO ENSURE ADEQUATE ADHESION. DIMENSIONS APPLY AFTER FINISH BUT PRIOR TO THE APPLICATION OF PRIMER, UNLESS OTHERWISE SPECIFIED.
- (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 IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (9) 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.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

③ COMPLETELY REVISED

REVISION
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