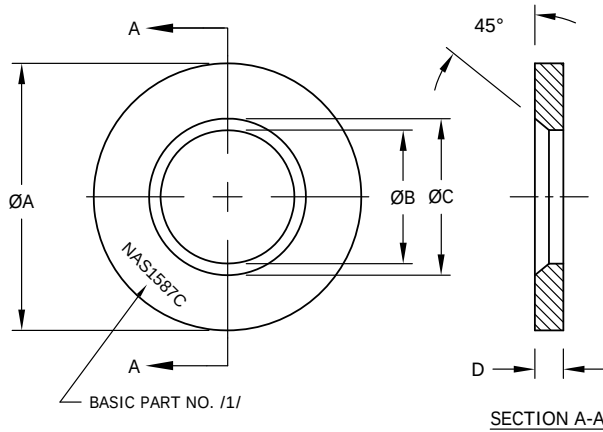


FED. SUPPLY CLASS

5310

**COUNTERSUNK WASHER
FOR USE UNDER BOLT HEAD**



**PLAIN WASHER
FOR USE UNDER NUT**

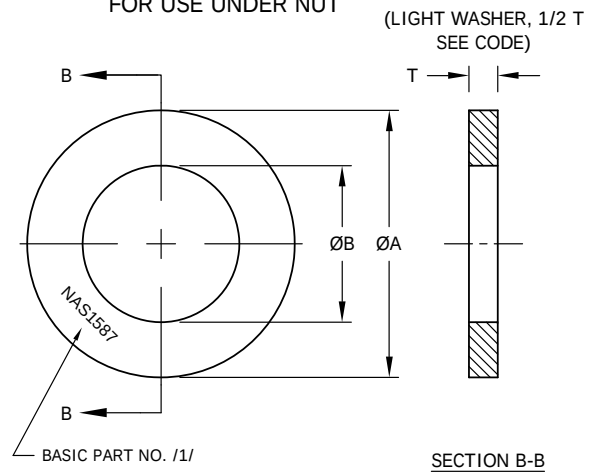


TABLE I – DIMENSIONS

DASH NO.	THREAD SIZE (REF.)	ØA	ØB		ØC		D	FLATNESS TOLERANCE MAXIMUM	T
			MAX	MIN	MAX	MIN			
/5/	A3C	.1900	.469	.198	.192	.285	.275	.062	—
	-3	.1900	.469	.198	.192	.232	.222	.062	.032
	-4	.2500	.531	.260	.252	.344	.334	.078	.062
	-5	.3125	.593	.324	.315	.406	.396	.078	.062
	-6	.3750	.687	.388	.378	.495	.483	.078	.062
	-7	.4375	.781	.451	.441	.557	.543	.078	.062
	-8	.5000	.875	.515	.504	.620	.604	.078	.062
	-9	.5625	.968	.579	.568	.687	.667	.078	.062
	-10	.6250	1.062	.643	.631	.785	.765	.078	.062
	-12	.7500	1.250	.770	.757	.910	.890	.078	.062
	-14	.8750	1.437	.897	.884	1.035	1.015	.078	.062
	-16	1.0000	1.625	1.025	1.010	1.160	1.140	.078	.062
	-18	1.1250	1.875	1.150	1.135	1.285	1.265	.078	.062
	-20	1.2500	2.125	1.275	1.260	1.447	1.427	.094	.062

MATERIAL:

CORROSION RESISTANT STEEL PER AMS5510 (UNS S32100), AMS5512 (UNS S34700) OR PER AMS-QQ-S-763.
CLASS 321 (UNS S32100) OR 347 COND A (UNS S34700), (75,000 PSI UTS MIN).

FINISH:

CLEAN AND PASSIVATED IN ACCORDANCE WITH MIL-DTL-5002. (5)

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

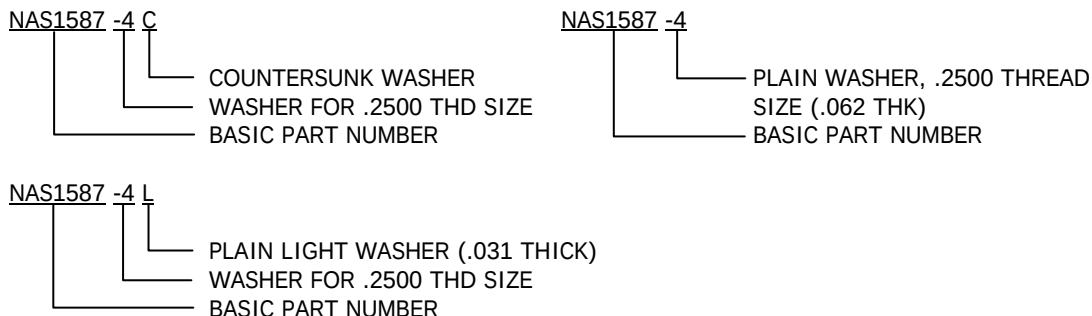
CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	WASHER, PLAIN AND CSK, 1200 °F (5)

REVISION	5
CLASSIFICATION PART STANDARD	NAS1587
SHEET 1 OF 2	

CODE:

DASH NUMBER DESIGNATES THREAD SIZE.
ADD "C" AFTER DASH NUMBER TO DESIGNATE COUNTERSUNK WASHER.
ADD "L" AFTER DASH NUMBER TO DESIGNATE PLAIN LIGHT WASHER. THICKNESS OF 1/2T (NOT APPLICABLE TO COUNTERSUNK WASHER.)
ADD "A" BEFORE "3C" TO DESIGNATE A COUNTERSUNK WASHER SUITABLE FOR USE WITH .190 DIAMETER TENSION FATIGUE BOLT (NECESSARY FOR THIS SIZE ONLY).

EXAMPLE OF PART NUMBER:



NOTES:

- /1/ PART NUMBER TO BE INDENTED .010 MAX.
- (2) WASHER FACES SHALL BE PARALLEL WITHIN .002 INCH.
- (3) SURFACE ROUGHNESS: ON BOTH FACES OF WASHER, 63 MICROINCHES Ra MAX PER ASME B46.1.
- (4) WASHERS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
- /5/ TYPE "-3C" INACTIVE FOR DESIGN AFTER 15 SEPT. 1973. SUPERSEDED BY TYPE "A3C".
- (6) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (7) TOLERANCES UNLESS OTHERWISE SPECIFIED: 2 PLACE DECIMALS $\pm .03$, 3 PLACE DECIMALS $\pm .010$, ANGLES $\pm 1^\circ$.
- (8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) (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) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (12) FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.

REVISION

5



NAS1587-2014

SHEET 2

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