

FED. SUPPLY CLASS

5310

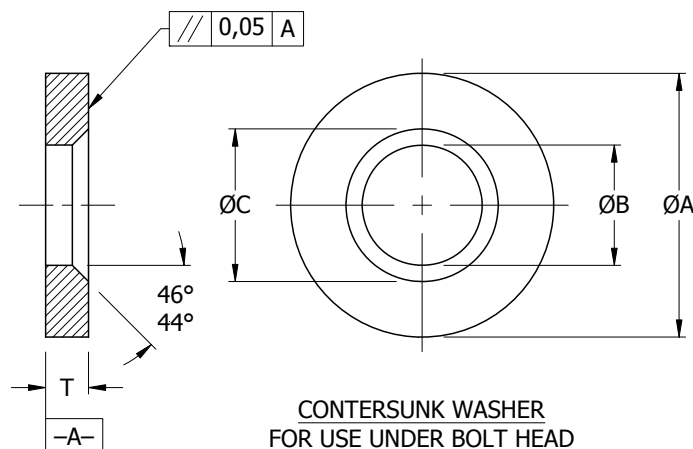
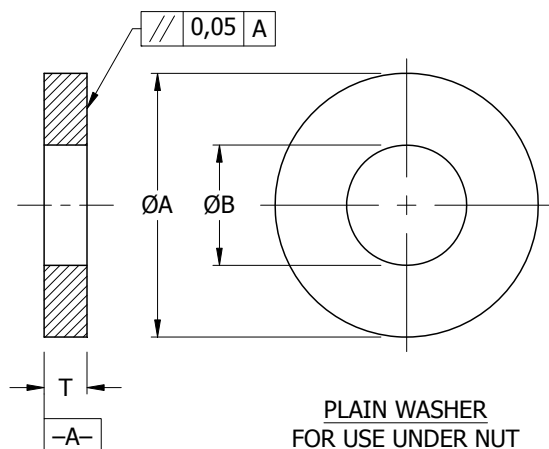
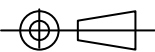


TABLE I – DIMENSIONS

DASH NUMBER					BOLT OR THREAD SIZE (REF)	ØA	ØB	ØC	T	FLATNESS TOLERANCE MAX
NA0179A (CARBON STEEL)	NA0179B (CRES)	NA0179C (ALUMINUM ALLOY 5052)	NA0179D (ALUMINUM ALLOY 2024)	NA0179E (TITANIUM)						
		E050			5	12,70 12,27	5,80 5,60		0,50	0,18
L050	L050		L050	L050					1,00	
-050	-050		-050	-050					2,00	
-050C	-050C		-050C	-050C					2,00	
		E060			6	14,10 13,67	6,82 6,60		0,50	0,18
L060	L060		L060	L060					1,00	
-060	-060		-060	-060					2,00	
-060C	-060C		-060C	-060C					2,00	
		E080			8	16,50 16,07	8,96 8,60		0,50	0,18
L080	L080		L080	L080					1,00	
-080	-080		-080	-080					2,00	
-080C	-080C		-080C	-080C					2,00	
		E100			10	20,50 19,98	11,03 10,60		0,50	0,18
L100	L100		L100	L100					1,00	
-100	-100		-100	-100					2,00	
-100C	-100C		-100C	-100C					2,00	
		E120			12	22,50 21,98	13,03 12,60		0,50	0,25
L120	L120		L120	L120					1,00	
-120	-120		-120	-120					2,00	
-120C	-120C		-120C	-120C					2,00	
		E140			14	24,90 24,38	15,03 14,60		0,50	0,25
L140	L140		L140	L140					1,00	
-140	-140		-140	-140					2,00	
-140C	-140C		-140C	-140C					2,50	

① COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
1

PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

NONE

WASHER, PLAIN AND COUNTERSUNK, METRIC

DLA0179
SHEET 1 OF 3

TABLE I – DIMENSIONS (CONTINUED)

DASH NUMBER					BOLT OR THREAD SIZE (REF)	ØA	ØB	ØC	T	FLATNESS TOLERANCE MAX
NA0179A (CARBON STEEL)	NA0179B (CRES)	NA0179C (ALUMINUM ALLOY 5052)	NA0179D (ALUMINUM ALLOY 2024)	NA0179E (TITANIUM)						
		E160			16	28,90 28,38	17,03 16,60		0,50	0,25
L160	L160		L160	L160					1,00	
-160	-160		-160	-160					2,00	
-160C	-160C		-160C	-160C					19,6-19,2 2,50	
		E180			18	31,90 31,28	19,12 18,60		0,50	0,25
L180	L180		L180	L180					1,00	
-180	-180		-180	-180					2,00	
-180C	-180C		-180C	-180C					22,2-21,8 2,50	
		E200			20	35,00 34,38	21,12 20,60		0,50	0,25
L200	L200		L200	L200					1,00	
-200	-200		-200	-200					2,00	
-200C	-200C		-200C	-200C					24,3-23,9 2,50	

MATERIAL: CARBON STEEL 1095 (UNS G10950) PER MIL-S-7947, CONDITION 1 OR 2 AMS5121.

ALUMINUM ALLOY 2024-O, T3 OR T4 ALCLAD (UNS A82024) PER AMS-QQ-A-250/5.
5052-O (UNS A95052) PER AMS-QQ-A-250/8.

CRES A286 (UNS S66286) PER AMS5525, AMS5732, OR AMS5736 AMS5731.

TITANIUM COMMERCIALLY PURE, CP-1 (UNS R50700) PER MIL-T-9046 AMS4901.

HEAT TREAT: CARBON STEEL 42-47HRC.

ALUMINUM ALLOY 2024-O, SOLUTION TREAT AND AGE TO T62 OR T72.
2024-T3 AND T4, RE-SOLUTION TREAT AND AGE TO T62 OR T72.
5052-O, NONE.

CRES PRECIPITATION HEAT TREAT TO 965 MPa MINIMUM ULTIMATE TENSILE STRENGTH.

TITANIUM NONE.

FINISH: CARBON STEEL CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 (8-14 µm THICK). WITHIN 4 HOURS AFTER PLATING, BAKE AT 191 ± 14 °C FOR 23 HOURS.

ALUMINUM ALLOY ANODIZE PER MIL-A-8625.
CHEMICALLY TREAT PER MIL-DTL-5541, CLASS 3, DYE GREEN.

CRES PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

TITANIUM NONE.

CODE: BASIC NUMBER DESIGNATES MATERIAL.

NA0179A FOR CARBON STEEL
NA0179B FOR CRES
NA0179C FOR 5052 ALUMINUM
NA0179D FOR 2024 ALUMINUM
NA0179E FOR TITANIUM

REVISION

1

1 COMPLETELY REVISED



Documents
SHEET 2

Document Sharing Hub