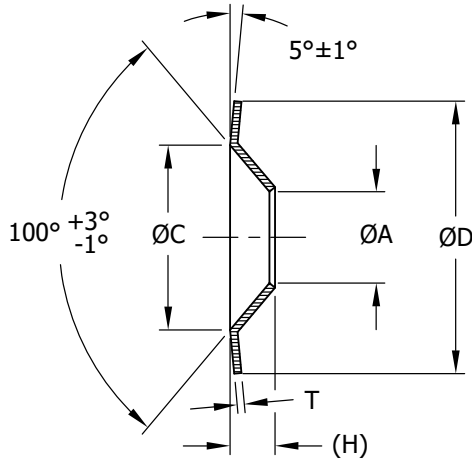
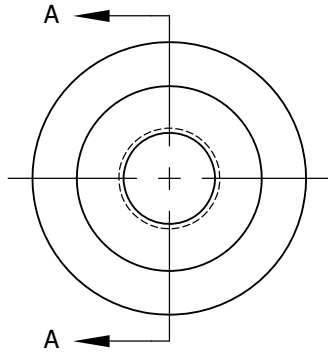


FED.SUPPLY CLASS

5310



SECTION A-A

TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBERS					BOLT SIZE (REF)	ØA +.030 -.000	ØD +.020 -.005	ØC +.010 -.000	(H)	T /2/
CARBON STEEL	CRES STEEL	ALUMINUM ALLOY 5052	CLAD ALUMINUM 2024	TITANIUM						
		D6E			6	.140	.475	.279	.068	.008
6L	C6L		DD6L	T6L					.076	.016
6	C6		DD6	T6					.082	.025
		D8E			8	.166	.562	.332	.079	.008
8L	C8L		DD8L	T8L					.087	.016
8	C8		DD8	T8					.094	.025
		D10E			10	.192	.625	.385	.091	.008
10L	C10L		DD10L	T10L			.625		.099	.016
10M							.750		.100	.020
10	C10		DD10	T10			.625		.101	.025
10N							.750		.110	.028
10P 10J /8/							.750		.130	.050
		D416E			1/4	.252	.750	.507	.117	.008
416L	C416L		DD416L	T416L		.252	.750		.125	.016
416M						.257	.810		.120	.020
416	C416		DD416	T416		.252	.750		.132	.025
416N						.257	.812		.130	.028
	D516E	D516E			5/16	.314	.938	.635	.145	.008
516L	C516L		DD516L	T516L					.153	.016
516	C516		DD516	T516					.160	.025
		D616E			3/8	.377	1.000	.762	.172	.008
616L	C616L		DD616L	T616L					.180	.016
616	C616		DD616	T616					.188	.025
		D716E			7/16	.440	1.188	.890	.200	.008
716L	C716L		DD716L	T716L					.208	.016
716	C716		DD716	T716					.215	.025
		D816E			1/2	.502	1.312	1.017	.225	.008
816L	C816L		DD816L	T816L					.237	.016
816	C816		DD816	T816					.243	.025

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE WASHER, DIMPLED, 100°

REVISION 8
CLASSIFICATION PART STANDARD



Documents
SHEET 1 OF 3
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MATERIAL:

CARBON STEEL - SAE 1095, IN ACCORDANCE WITH MIL-S-7947, CONDITION 1 OR 2 AMS5121 OR ASTM A684/A684M (UNS G10950).

ALUMINUM ALLOY - 2024-T4 ALCLAD, IN ACCORDANCE WITH AMS-QQ-A-250/5 (UNS A82024), 5052-0, IN ACCORDANCE WITH AMS-QQ-A-250/8 (UNS A95052).

CRES - A286 IN ACCORDANCE WITH AMS5525 (UNS S66286).

TITANIUM - CP-1, IN ACCORDANCE WITH MIL-T-9046 AMS4901 (UNS R50700)

HEAT TREATMENT:

CARBON STEEL - 42-47 HRC

CRES - 140 KSI TENSILE

TITANIUM - NONE

FINISH:

STEEL - CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2. IMMEDIATELY AFTER PLATING BAKE FOR 23 HOURS IN ACCORDANCE WITH AMS-QQ-P-416.

PHOSPHATE COAT IN ACCORDANCE WITH MIL-DTL-16232, TYPE Z, CLASS 3

ALUMINUM ALLOY - 2024-T4, ALCLAD - ANODIZE IN ACCORDANCE WITH MIL-A-8625.

5052-0 - ANODIZE IN ACCORDANCE WITH MIL-A-8625 OR CHEMICALLY TREAT IN ACCORDANCE WITH MIL-DTL-5541, DYE ORANGE.

CRES - PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

PASSIVATED IN ACCORDANCE WITH AMS2700 METHOD 2 - WITHOUT POST TREATMENT.

PASSIVATED IN ACCORDANCE WITH AMS2700 METHOD 1, TYPE 8, CLASS 4 - WITHOUT POST TREATMENT.

TITANIUM - NONE.

CODE:

"D" PREFIX TO DASH NUMBER FOR 5052-0 ALUMINUM ALLOY.

"DD" PREFIX TO DASH NUMBER FOR 2024-T4 ALCLAD ALUMINUM ALLOY.

"(-)" PREFIX TO DASH NUMBER FOR CARBON STEEL MATERIAL.

"C" PREFIX TO DASH NUMBER FOR CRES.

"T" PREFIX TO DASH NUMBER FOR TITANIUM.

"B" SUFFIX TO DASH NUMBER FOR CRES WASHERS PASSIVATED IN ACCORDANCE WITH AMS2700 METHOD 2 - WITHOUT POST TREATMENT.

"M" SUFFIX TO DASH NUMBER FOR CRES WASHERS PASSIVATED IN ACCORDANCE WITH AMS2700 METHOD 1, TYPE 8, CLASS 4 - WITHOUT POST TREATMENT.

NO SUFFIX TO DASH NUMBER FOR CRES WASHERS PASSIVATED IN ACCORDANCE WITH AMS2700 METHOD 1, CLASS 4.

"P" SUFFIX TO DASH NUMBER FOR PHOSPHATE COATING (CARBON STEEL ONLY)

NO SUFFIX TO DASH NUMBER FOR CADMIUM PLATING (CARBON STEEL ONLY)

EXAMPLE OF PART NUMBER:

NAS1169 - 6L P

FINISH CODE

DASH NUMBER

MATERIAL CODE

DOCUMENT NUMBER

REVISION

8

NAS1169
SHEET 2



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