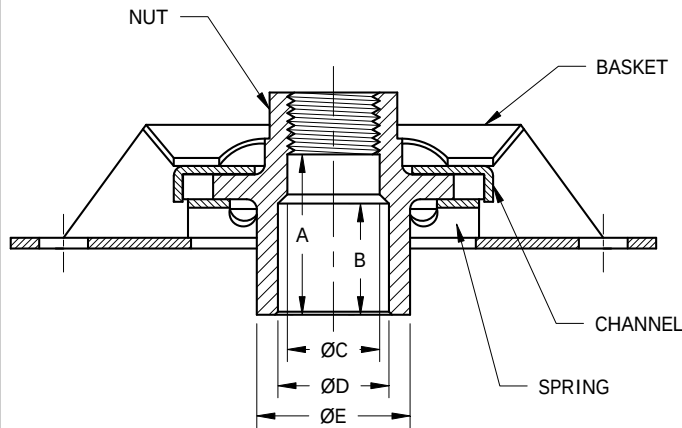
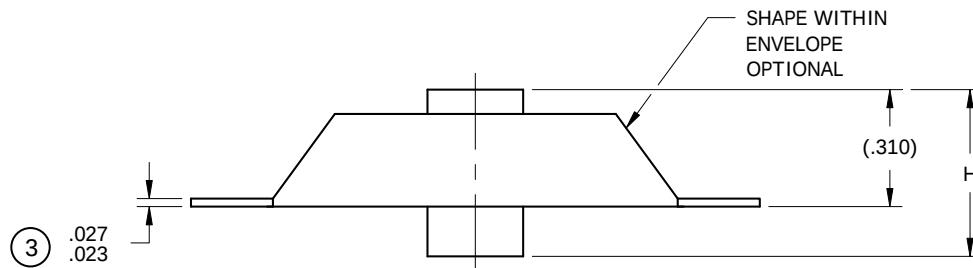
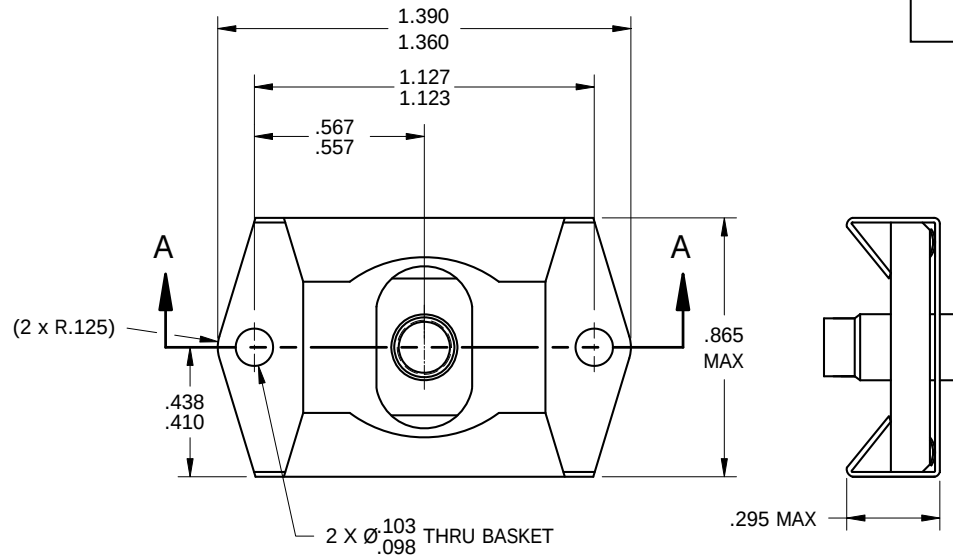
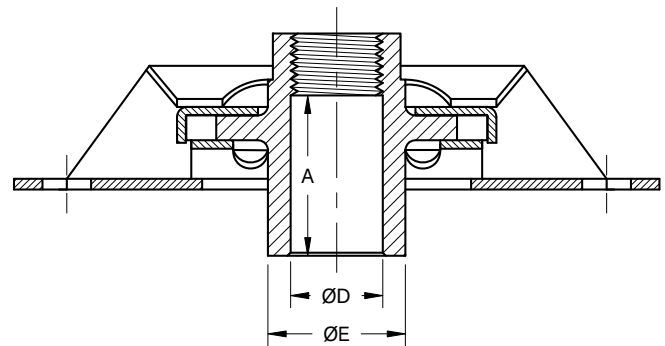


FED. SUPPLY CLASS

5310



SECTION A-A
CODE "A"



SECTION A-A
CODE "B"

FIGURE 1 – SPRING LOADED NUT PLATE

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.

REVISION DATE: MARCH 31, 2015

ISSUE DATE: MARCH 1977

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING, SPRING LOADED	CLASSIFICATION PART STANDARD NAS1803 SHEET 1 OF 5

TABLE I – DIMENSIONS

NAS PART NUMBER	THREAD SIZE	FOR STRUCTURE THICKNESS +.004 -.005	RADIAL FLOAT MIN	A ±.005	(B)	ØC	ØD	ØE	H MAX
NAS1803	-3A1	.035	.10	.173	.048	.200 .195	.270 .265	.345 .340	.313
	-3A2	.045		.183	.058				.323
	-3A3	.055		.193	.068				.333
	-3A4	.065		.203	.078				.343
	-3A5	.075		.213	.088				.353
	-3A6	.085		.223	.098				.363
	-3A7	.095		.233	.108				.373
	-3A8	.105		.243	.118				.383
	-3A9	.115		.253	.128				.393
	-3A10	.125		.263	.138				.403
	-3A11	.135		.273	.148				.413
	-3A12	.145		.283	.158				.423
	-3A13	.155		.293	.168				.433
	-3B1	.035	.15	.173	–	–	.200 .195	.255 .250	.313
	-3B2	.045		.183					.323
	-3B3	.055		.193					.333
	-3B4	.065		.203					.343
	-3B5	.075		.213					.353
	-3B6	.085		.233					.363
	-3B7	.095		.233					.373
	-3B8	.105		.243					.383
	-3B9	.115		.253					.393
	-3B10	.125		.263					.403
	-3B11	.135		.273					.413
	-4B1	.035	.10	.173	–	–	.270 .265	.345 .340	.313
	-4B2	.045		.183					.323
	-4B3	.055		.193					.333
	-4B4	.065		.203					.343
	-4B5	.075		.213					.353
	-4B6	.085		.223					.363
	-4B7	.095		.223					.373
	-4B8	.105		.243					.383
	-4B9	.115		.253					.393
	-4B10	.125		.263					.403
	-4B11	.135		.273					.413
	-4B12	.145		.283					.423
	-4B13	.155		.293					.433

MATERIAL:

NUT: AISI 4130 OR AISI 8740 ALLOY STEEL, HEAT TREATED

SPRING, CHANNEL AND BASKET: 17-7PH CRES STEEL.

FINISH:

NO CODE:

NUT: CADMIUM PLATE PER AMS-QQ-P-416, CLASS 2. TYPE OF PLATING IS OPTIONAL IF NUT MEETS SALT SPRAY REQUIREMENTS OF AMS-QQ-P-416, TYPE II. EMBRITTLEMENT TEST PER AMS-QQ-P-416 DOES NOT APPLY.

SPRING, CHANNEL AND BASKET: PASSIVATE PER AMS2700.

REVISION

3

NAS1803
SHEET 2



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