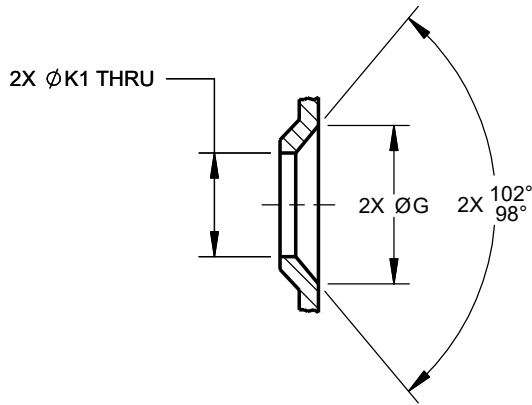
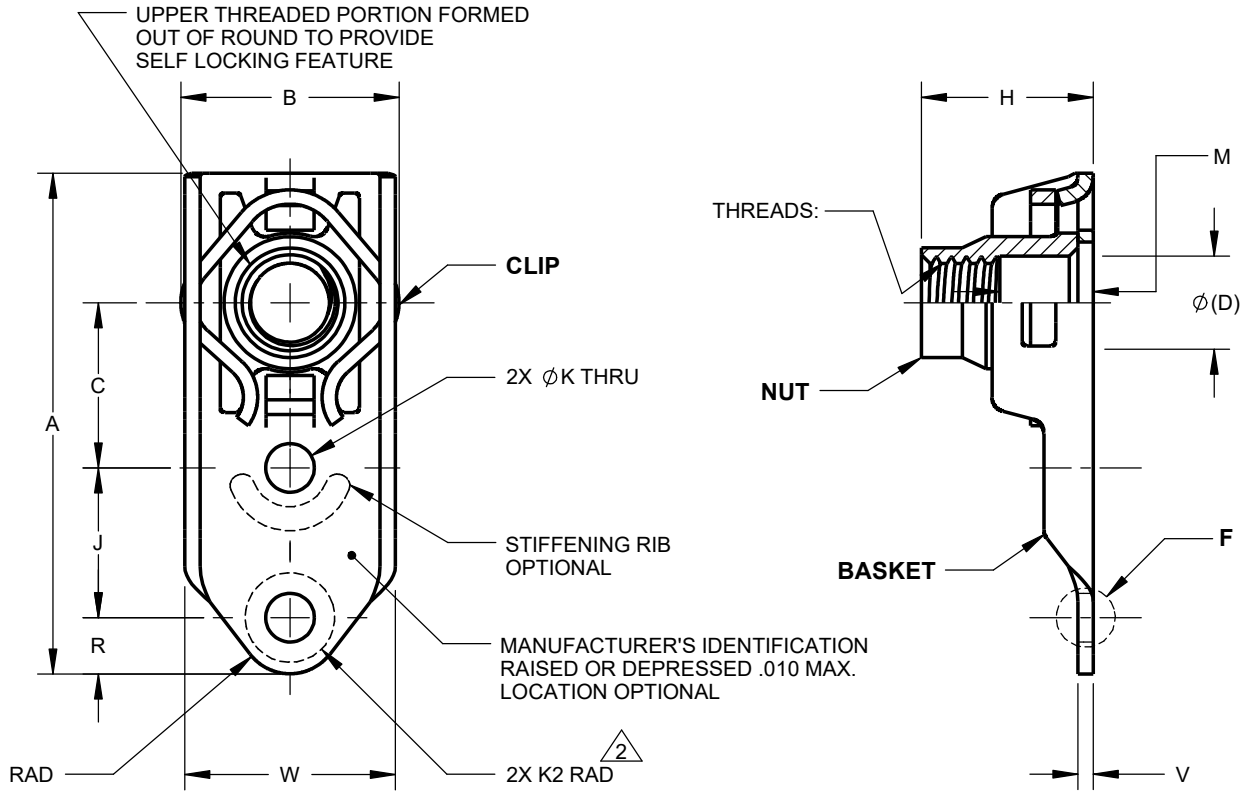
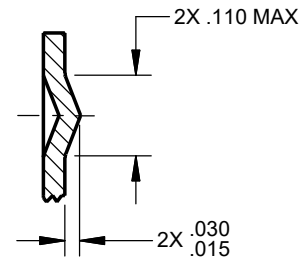


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DETAIL F
BOTTOM C'SUNK RIVET HOLES



DETAIL F
PROJECTED WELD NIBS

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APPROVED DATE

04JUN1980

REV. LETTER AND DATE:

B 11DEC2020

CUSTOMER:

CURRENT DESIGN ACTIVITY:



Howmet Fastening Systems
800 S State College Boulevard
Fullerton, California, 92831

<http://www.hfs.howmet.com>

TITLE:

NUT - ANCHOR, 1 LUG,
FLOATING, REPLACEABLE,
SELF LOCKING, ASSEMBLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
IN INCHES & TO ASME Y14.5-2018 TOLERANCES:
DECIMALS = ±.010; ANGLES = ±2°

CAGE CODE: 15653

SALES DRAWING No.

F50733-(*)-(*)

SHEET 1 OF 3

FILED AS: s_F50733-(*)-(*)

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HFS PART NO.	THREADS PER AS8879	A	B	C	Ø(D)	ØG	H	J	ØK	ØK1	K2	M	R	V	W	MAXIMUM WEIGHT lbs/100	
		MAX	MAX				MAX			MIN	MIN	MIN		MAX			
F50733-	08-1	.1640-32UNJC-3B	1.051	.484	.349 .339	.194	.250					.070				.445	.70
	08-2						.312					.125					.77
	08-3						.375					.188					.82
	08-4						.438					.250					.87
	08-5						.500					.313					.92
	08-6						.562					.375					.97
	3-1	.1900-32UNJF-3B					.210 .190	.250		.103 .098	.113 .098	.098	.070	.100	.037 .027		.70
	3-2							.312					.125				.77
	3-3							.375					.188				.82
	3-4							.438					.250				.87
	3-5							.500					.313				.92
	3-6							.562					.375				.97
	4-1	.2500-28UNJF-3B	1.306	.584		.254		.295	.314 .310				.070				1.23
	4-2							.357					.125				1.33
	4-3							.419					.188				1.42
	4-4							.481					.250				1.50
	4-5							.543					.313				1.60
	4-6							.605					.375				1.68
	5-1	.3125-24UNJF-3B	1.396	.720	.505 .495	.317		.344					.070	.125	.045 .035	.643	2.08
	5-2							.400					.125				2.14
	5-3							.461					.188				2.25
	5-4							.524					.250				2.37
	5-5							.586					.313				2.48
	5-6							.649					.375				2.59
	6-1	.3750-24UNJF-3B	1.441	.840		.379	.240 .220	.380		.135 .130	.145 .130	.130	.070	.125	.055 .045	.760	3.00
	6-2							.430					.125				3.15
	6-3							.500					.188				3.30
	6-4							.560					.250				3.45
	6-5							.635					.313				3.60
	6-6							.690					.375				3.75

HFS PART NO.	AXIAL TENSILE STRENGTH lbf MIN	PUSH OUT lbf MIN	SEATING TORQUE in-lbf	TORQUE OUT in-lbf
F50733-	08-(*)	2,000	80	45
	3-(*)	2,825	125	90
	4-(*)	5,060	150	60
	5-(*)	8,000	175	120
	6-(*)	11,900	125	125

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THIRD ANGLE PROJECTION 

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APPROVED DATE

04JUN1980

CURRENT DESIGN ACTIVITY:



Howmet Fastening Systems
800 S State College Boulevard
Fullerton, California, 92831

<http://www.hfs.howmet.com>

TITLE:

NUT - ANCHOR, 1 LUG,
FLOATING, REPLACEABLE,
SELF LOCKING, ASSEMBLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
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DECIMALS = ±.010; ANGLES = ±2°

CAGE CODE: 15653

SALES DRAWING No.

F50733-(*)-(*)

SHEET 2 OF 3

FILED AS: s_ F50733-(*)-(*)

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
MATERIAL: NUT AND BASKET:
 ALLOY OR CARBON STEEL, HEAT TREATED.
 CLIP:
 XM-28 STAINLESS STEEL SPRING WIRE PER ASTM A313 (UNS S24100).

FINISH: NUT:
 F50733-(*)-(*):
 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 1 OR 2,
 PLUS SOLID FILM LUBE PER NAS3356.
 F50733X(*)-(*):
 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
 BASKET:
 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
 CLIP:
 PASSIVATE PER AMS2700, METHOD 1, TYPE 6.


PERFORMANCE: NAS3350, CLASS I, EXCEPT AS FOLLOWS:
 A) AXIAL TENSILE STRENGTH AS TABULATED.
 B) REUSABILITY OF 50 CYCLES USING CADMIUM PLATED STEEL BOLTS,
 SEATED TO SEATING TORQUE VALUES AS TABULATED.
 C) PUSH OUT AND TORQUE OUT VALUES AS TABULATED WHEN APPLIED
 SEPARATELY AND COMBINED.


VARIATIONS: ADD BC FOR BOTTOM C'SUNK RIVET HOLES.
 EXAMPLE: F50733-3-3BC.
 ADD P FOR PROJECTION WELD NIBS.
 EXAMPLE: F50733-3-3P.

NOTES:

1. FLOATABILITY: .030 RADIALLY MINIMUM, FROM CENTER POSITION.
2.  K2 IS CLEARANCE FOR ATTACHING RIVETS.
3. UNLESS OTHERWISE SPECIFIED:
 A) DIMENSIONS APPLY AFTER FINISH, BUT BEFORE LUBE.

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APPROVED DATE 04JUN1980	CURRENT DESIGN ACTIVITY:  HOWMET AEROSPACE Howmet Fastening Systems 800 S State College Boulevard Fullerton, California, 92831 http://www.hfs.howmet.com	TITLE: <i>NUT - ANCHOR, 1 LUG, FLOATING, REPLACEABLE, SELF LOCKING, ASSEMBLY</i>
REV. LETTER AND DATE: B 11DEC2020		
CUSTOMER:		

CAGE CODE: 15653
SALES DRAWING No.
F50733-(*)-(*)
SHEET 3 OF 3

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
 IN INCHES & TO ASME Y14.5-2018 TOLERANCES:
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FILED AS: s_ F50733-(*)-(*)