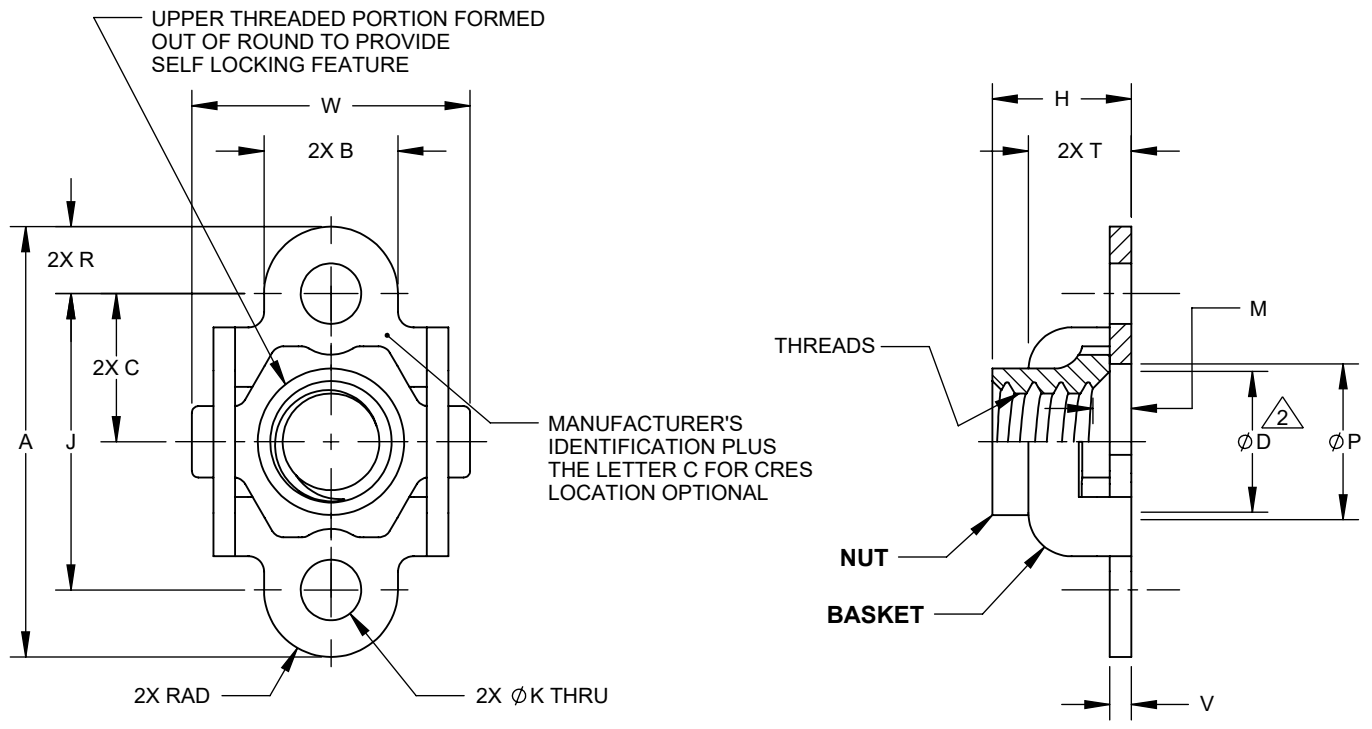
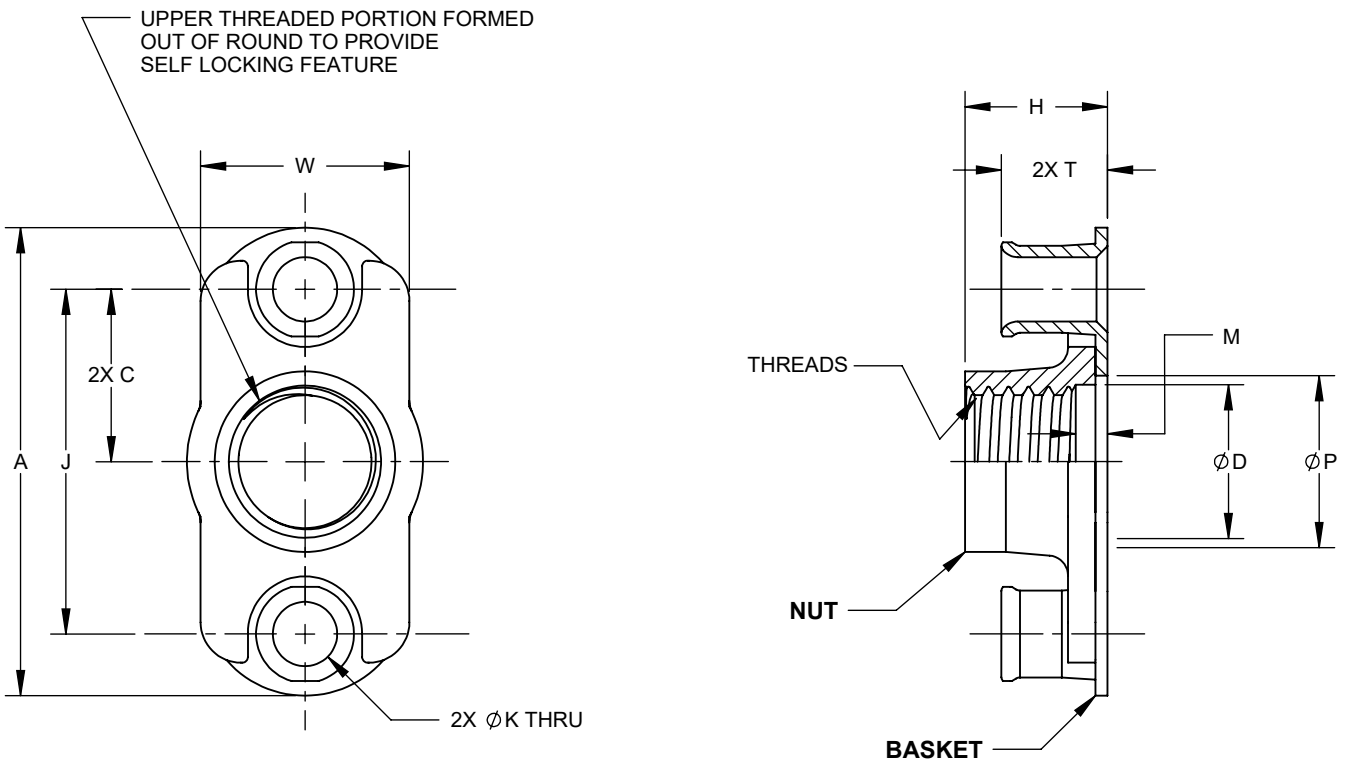


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.



**CONFIGURATION
FOR MF1301-06 AND SMALLER**

THIS DRAWING EMBODIES HOWMET FASTENING SYSTEMS CONFIDENTIAL, PROPRIETARY DESIGN & ALL DESIGN, MANUFACTURING PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED.



**CONFIGURATION
FOR MF1301-5 ONLY**

THIRD ANGLE PROJECTION

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APPROVED DATE
17JUN1976

REV. LETTER AND DATE:
B 06APR2020

CUSTOMER:

CURRENT DESIGN ACTIVITY:

HOWMET AEROSPACE

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

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

TITLE:

*NUT - ANCHOR, 2 LUG,
FLOATING, MINIATURE,
SELF LOCKING, ASSEMBLY*

CAGE CODE: 15653

SALES DRAWING No.

MF1301-(*)

SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & TO ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.015; ANGLES = ±2°

FILED AS:

s_MF1301-()

MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

HFS PART NO.	THREADS PER AS8879	A	B	C	ØD	H	J	ØK	M	ØP	R	T	V	W	
		MAX	MIN		MIN	MAX			MIN		MIN		MAX	MAX	
MF1301-	04	.1120-40UNJC-3B	.458	.150	.153 .143	.116	.153	.298 .294	.071 .066	---	.270 .152	.075	(.130)	.032	.315
	06	.1380-32UNJC-3B	.505		.176 .166	.142	.171	.345 .341			.270 .178				.357
	5	.3125-24UNJF-3B	1.010	----	.364 .354	.317	.328	.720 .716	.135 .130	.062	.392 .352	.117	.160 .095	----	.581


MATERIAL: A286 CORROSION RESISTANT STEEL PER AMS5525, AMS5732 OR AMS5737 (UNS S66286).

HEAT TREAT: Rc 49 MAXIMUM.


FINISH: NUT:
SOLID FILM LUBE PER AS5272, TYPE I.
BASKET:
PASSIVATE.

PERFORMANCE: NASM25027, EXCEPT AS FOLLOWS:
A) NUT REUSABILITY LIMITED TO FIVE CYCLES.

TEMPERATURE: 450 °F.

- NOTES:
- FLOATABILITY: .020 RADIALLY MINIMUM, FROM CENTERED POSITION.
.027 VERTICALLY MAXIMUM, FOR SIZE MF1301-5.
.020 VERTICALLY MAXIMUM, FOR SIZE MF1301-04 THRU MF1301-06.
 -  FOR SIZES -06 AND SMALLER: COUNTERSINK WITHIN THE LIMITS OF ØD.
 - MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR=1.0) FOR A FIELD STRENGTH OF 200 OERSTEDS, USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342 OR EQUIVALENT.
 - UNLESS OTHERWISE SPECIFIED:
A) DIMENSIONS APPLY AFTER FINISH, BUT BEFORE LUBRICANT.
B) SURFACE TEXTURE TO BE 125 MICRINCHES MAX, PER ASME B46.1.

THIS DRAWING EMBODIES HOWMET FASTENING SYSTEMS CONFIDENTIAL, PROPRIETARY DESIGN & ALL DESIGN, MANUFACTURING PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED.

THIRD ANGLE PROJECTION 

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SALES DRAWING No.

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SHEET 2 OF 2

FILED AS: s_MF1301-(-)