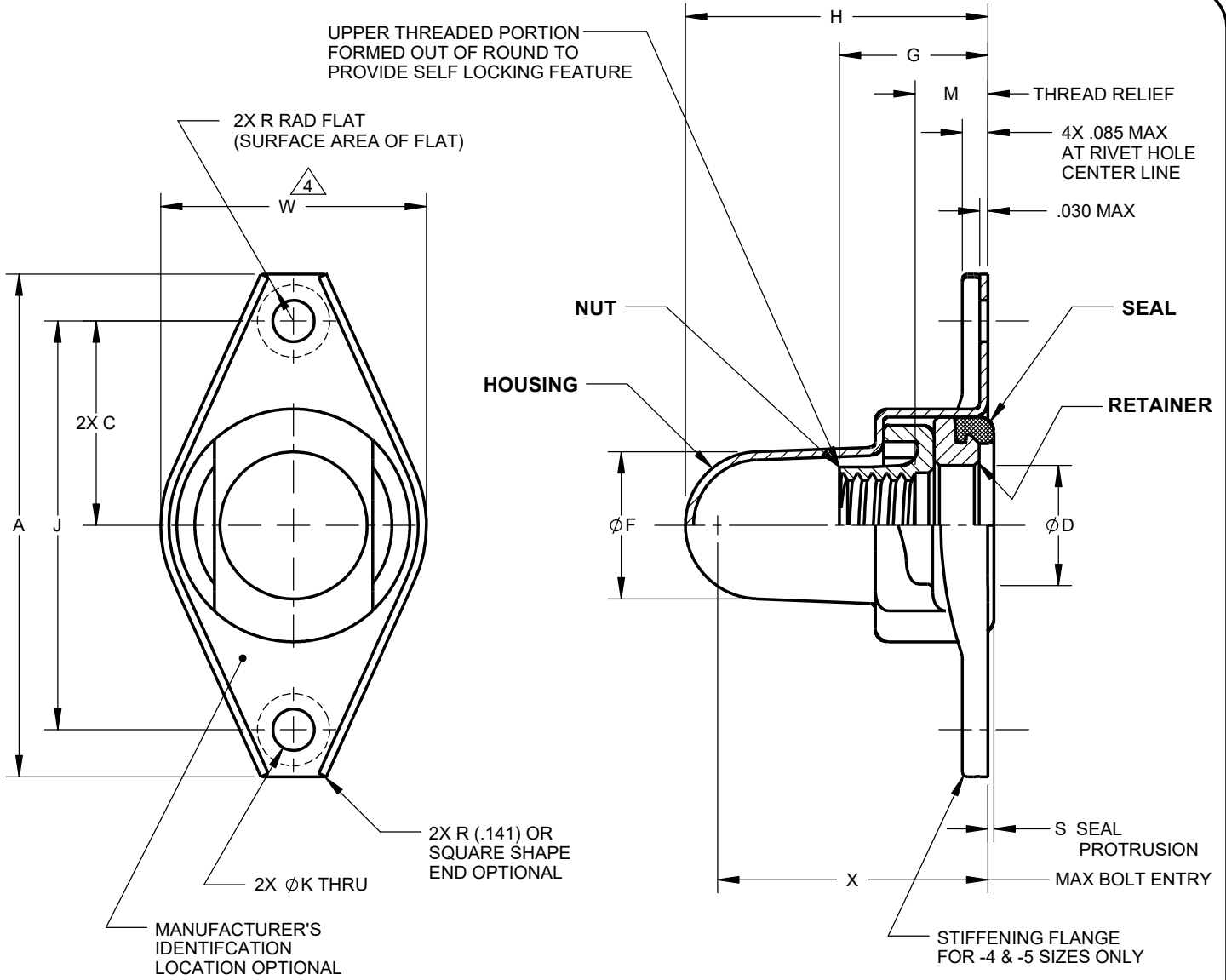


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HFS PART NO.	THREADS PER AS8879	A	C	ØD	ØF	G	H	J	ØK	M	R	S	W	X	MAXIMUM WEIGHT lbs/100	
		MAX		MIN	MAX	MAX	MAX		MIN	MIN	MAX	MAX	MAX			
F1968-	08	.1640-32UNJC-3B	.989	.349	.229	.352	.313	.640	.690	.103	.125	.098	.020	.568	.568	.92
	3	.1900-32UNJF-3B		.339												
	4	.2500-28UNJF-3B	1.296	.505	.289	.419	.372	.755	1.002	.135	.135	.130	.025	.762	.728	1.40
	5	.3125-24UNJF-3B		.495												

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APPROVED DATE 12FEB1981
REV. LETTER AND DATE: C 12JAN2021
CUSTOMER:

CURRENT DESIGN ACTIVITY:



Howmet Fastening Systems  
800 S State College Boulevard  
Fullerton, California, 92831  
<http://www.hfs.howmet.com>

TITLE:  
**NUT - ANCHOR, 2 LUG,  
SELF SEALING, SELF LOCKING,  
FLOATING, ASSEMBLY**

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

**CAGE CODE: 15653**

**SALES DRAWING No.**

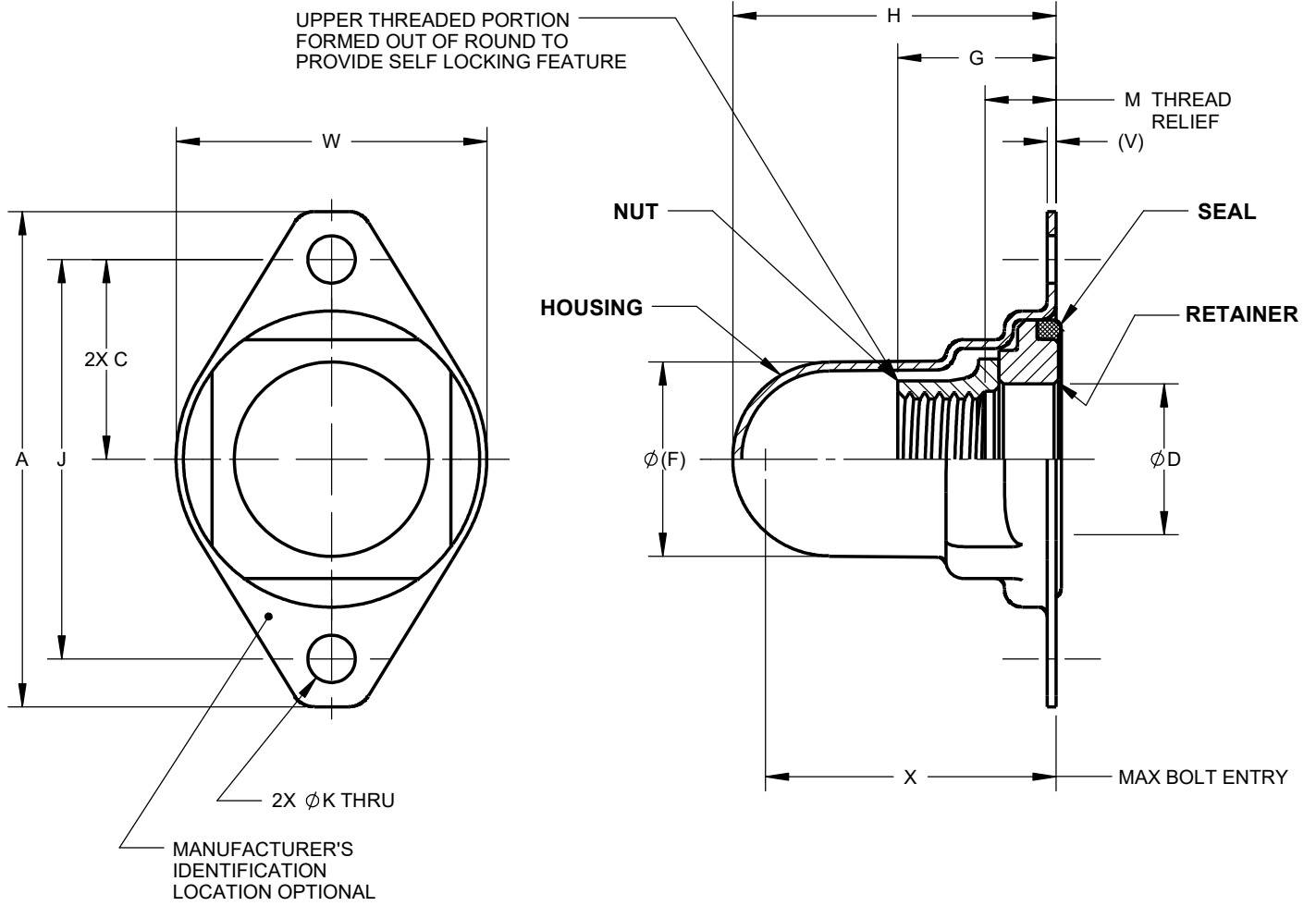
**F1968-(\* )**

**SHEET 1 OF 3**

FILED AS: s\_F1968-(\* )

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HFS PART NO.	THREADS PER AS8879	A	C	ØD	Ø(F)	G	H	J	ØK	M	(V)	W	X	APPROX WEIGHT lbs/100					
		MAX		MIN		MAX	MAX			MIN		MAX	MAX						
F1968-	6	.3750-24UNJF-3B	1.415	.567 .557	.415	.545	.470	.920	1.127 1.123	.135 .130	.150	.025	.890	.850	2.08				
	7	.4375-20UNJF-3B	1.650	.630 .620	.477	.520	1.100	1.252 1.248	.166 .161							.030	1.250	.800	3.40
	8	.5000-20UNJF-3B			.540	.570		4.63											

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FILED AS: S_F1968-( )	APPROVED DATE 12FEB1981	CURRENT DESIGN ACTIVITY: <b>HOWMET AEROSPACE</b>	TITLE: NUT - ANCHOR, 2 LUG, SELF SEALING, SELF LOCKING, FLOATING, ASSEMBLY	CAGE CODE: 15653
	REV. LETTER AND DATE: C 12JAN2021	Howmet Fastening Systems 800 S State College Boulevard Fullerton, California, 92831 <a href="http://www.hfs.howmet.com">http://www.hfs.howmet.com</a>	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & TO ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.010; ANGLES = ±2°	SALES DRAWING No.
	CUSTOMER:			<b>F1968-(*)</b>

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**MATERIAL:** NUT & HOUSING:  
C1050 CARBON STEEL PER AMS5085 (UNS G10500).

RETAINER:  
F1968-(\*) & F1968X(\*):  
7075-T6 ALUMINUM ALLOY PER AMS-QQ-A-225/9 (UNS A97075).  
F1968-(\*)L & F1968X(\*)L:  
CARBON STEEL

SEAL:  
F1968-(\*) & F1968X(\*):  
RUBBER PER MIL-PRF-6855, CLASS I, GRADE 60, DUROMETER 60, COLOR: BLACK.  
F1968-(\*)L & F1968X(\*)L:  
FLUOROSILICONE RUBBER PER MIL-DTL-25988, TYPE II, CLASS I, DUROMETER A70,  
COLOR: BLUE.

**FINISH:** NUT:  
F1968-(\*) & F1968-(\*)L:  
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, PLUS SOLID FILM  
LUBRICANT PER AS5272, TYPE I.  
F1968X(\*) & F1968X(\*)L:  
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.

HOUSING:  
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.

RETAINER:  
F1968-(\*) & F1968X(\*):  
CHROMATE CONVERSION COATING PER MIL-DTL-5541.  
F1968-(\*)L & F1968X(\*)L:  
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.


SEAL:  
NONE.

**PERFORMANCE:** NASM25027.


**APPLICATIONS:** PRESSURE RANGE: UP TO 50 PSIG.


**TEMPERATURE:** F1968-(\*): -65 °F TO +225 °F.  
F1968X(\*): -65 °F TO +225 °F.  
F1968-(\*)L: -65 °F TO +300 °F.  
F1968X(\*)L: -65 °F TO +300 °F.

**NOTES:**

- FLOATABILITY: .020 MINIMUM RADIALLY, FROM CENTERED POSITION WITHIN HOUSING.  
.030 MAXIMUM AXIALLY.
- THE SMALLEST CONTAINER USED TO PACKAGE F1968-(\*) & F1968X(\*) PARTS SHALL BE MARKED WITH THE CURE DATE, QUARTER & YEAR, OF THE OLDEST RUBBER CONTAINED THEREIN. THE AGE OF RUBBER SEALS SHALL NOT EXCEED 20 QUARTERS AT THE TIME OF DELIVERY TO CUSTOMER.
- WHEN APPLICABLE, QUALIFICATION TESTING PER NAS1473.
-  FOR ITEMS WITH STIFFENING FLANGE, W MAY BE .015 LARGER THAN MAX VALUES TABULATED.
- UNLESS OTHERWISE SPECIFIED:  
A) DIMENSIONS APPLY AFTER FINISH BUT PRIOR TO LUBRICANT.

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REV. LETTER AND DATE: C 12JAN2021			<b>SALES DRAWING No.</b>
CUSTOMER:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & TO ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.010; ANGLES = ±2°	<b>F1968-(*)</b> <b>SHEET 3 OF 3</b>

FILED AS: s\_ F1968-(\*)