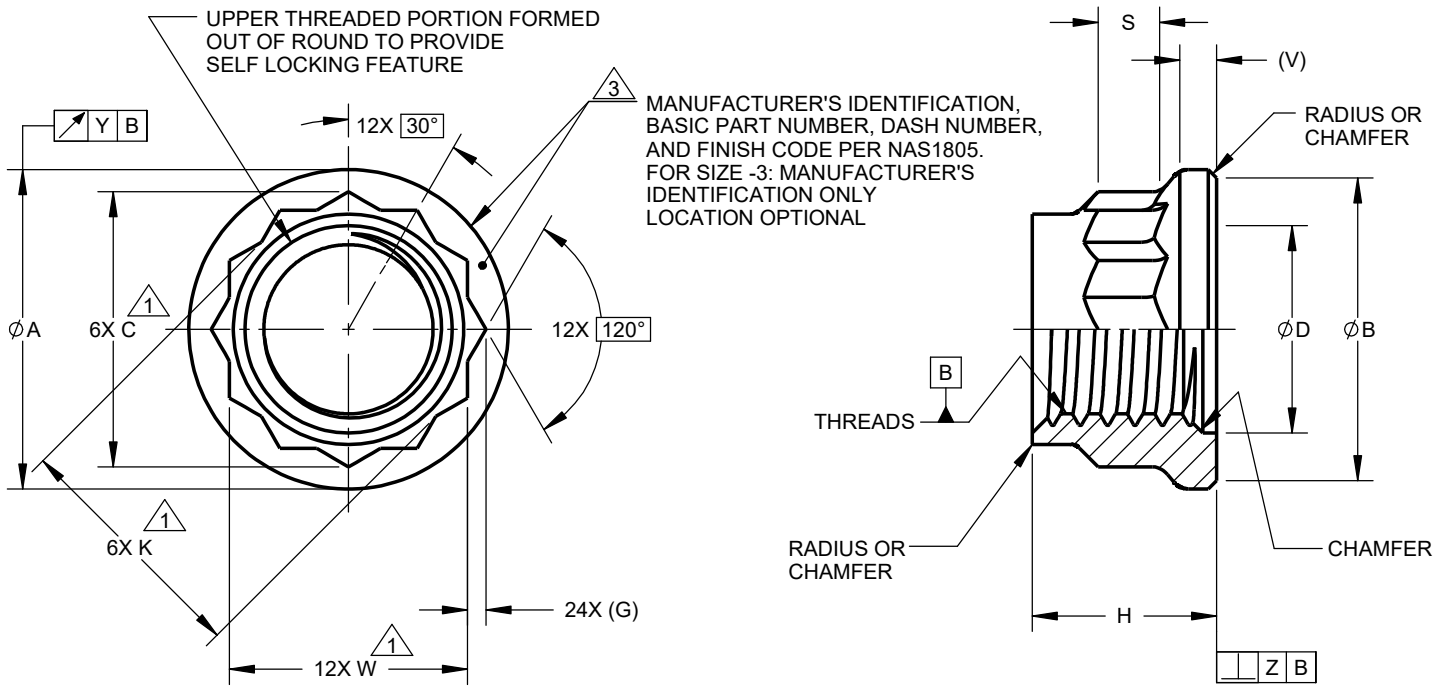


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.



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HFS PART NO.	THREADS PER AS8879	ØA	ØB	C	ØD	(G)	H	K	S	(V)	W	Y	Z	MAXIMUM WEIGHT lbs/100		
		MAX	MIN	MIN			MAX	MAX	MIN							
H95-	3	.1900-32UNJF-3B	.339	.299	.277	.220 .190	.013	.190	.262	.065	.015	.251 .243	.006	.003	.21	
	4	.2500-28UNJF-3B	.434	.394	.347	.280 .250	.017	.250	.327	.082	.020	.313 .305			.42	
	5	.3125-24UNJF-3B	.532	.492	.418	.342 .312	.021	.312	.392	.120	.035	.376 .367			.71	
	6	.3750-24UNJF-3B	.631	.591	.490	.405 .375	.026	.375	.458	.129	.056	.439 .430	.010	.004	1.27	
	7	.4375-20UNJF-3B	.729	.689	.631	.473 .438	.034	.438	.588	.156	.069	.564 .553			2.14	
	8	.5000-20UNJF-3B	.828	.788	.703	.535 .500	.038	.500	.654	.190	.074	.627 .616			.005	3.04
	9	.5625-18UNJF-3B	.926	.886	.775	.597 .562	.042	.562	.720	.230	.079	.690 .679	.015	.005	4.13	
	10	.6250-18UNJF-3B	1.024	.984	.846	.660 .625	.047	.625	.784	.250	.084	.752 .741			.006	5.41
	12	.7500-16UNJF-3B	1.221	1.181	1.059	.785 .750	.060	.750	.980	.310	.094	.940 .928			.007	10.20
	14	.8750-14UNJF-3B	1.418	1.378	1.200	.910 .875	.068	.875	1.110	.350	.109	1.064 1.052	.015	.008	15.20	
	1612	1.0000-12UNJF-3B	1.625	1.575	1.344	1.035 1.000	.077	1.000	1.241	.400	.122	1.190 1.177			.009	21.90
	18	1.1250-12UNJF-3B	1.822	1.772	1.557	1.160 1.125	.090	1.125	1.436	.450	.150	1.377 1.364			.010	32.30
20	1.2500-12UNJF-3B	2.019	1.969	1.699	1.285 1.250	.098	1.250	1.565	.500	.170	1.502 1.489	.011	42.30			

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FILED AS: s\_H95-()

APPROVED DATE 11DEC1981
REV. LETTER AND DATE: B 11DEC2020
CUSTOMER:

CURRENT DESIGN ACTIVITY:

**HOWMET AEROSPACE**

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

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

TITLE:

NUT - 12 POINT,  
SELF LOCKING

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

CAGE CODE: 15653

SALES DRAWING No.

H95-(\* )

SHEET 1 OF 2

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

MATERIAL: A286 CORROSION RESISTANT STEEL PER AMS5737 (UNS S66286).  
 OPTIONAL: FOR SIZES -12 AND LARGER, INCONEL 718 ALLOY PER AMS5662 (UNS N07718) .

FINISH: H95-(\*):  
 PASSIVATE PER AMS2700, METHOD 1, TYPE 2, 6 OR 8, CLASS 4 PLUS SOLID FILM LUBE PER AS5272, TYPE I.

H95-(\*):C:  
 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, PLUS CETYL ALCOHOL PER AS87132, TYPE I, GRADE A.

③ H95-(\*):CD:  
 CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, PLUS SOLID FILM LUBE PER AS5272, TYPE I.


③ H95-(\*):FA:  
 PASSIVATE PER AMS2700, METHOD 1, TYPE 2, 6 OR 8, CLASS 4 PLUS SOLID FILM LUBE PER AS5272, TYPE I. LUBE SHALL BE SPACE COMPATIBLE , KAL-GARD "FA" ONLY.


PERFORMANCE: NAS3350, CLASS IIIA, EXCEPT AS FOLLOWS:  
 A) H95-(\* ) & H95-(\*):FA ONLY:  
 REUSABILITY TEST TO FIVE CYCLES. RECORD MAXIMUM INSTALLATION AND BREAKAWAY TORQUE ON THE FIRST, THIRD AND FIFTH CYCLES.

TEMPERATURE: 450 °F.

- NOTES:
- ① DIMENSIONS C, K AND W APPLY PRIOR TO SELF LOCKING FEATURE.
  2. 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, METHOD 3.
  - ③ IN ADDITION TO MARKING:  
 H95-(\*):CD: SHALL BE IDENTIFIED WITH A PERMANENT SPOT, DAB OR PATCH OF WHITE PAINT, DYE OR LACQUER.  
 H95-(\*):FA: SHALL BE IDENTIFIED WITH A PERMANENT SPOT, DAB OR PATCH OF YELLOW PAINT, DYE OR LACQUER.
  4. UNLESS OTHERWISE SPECIFIED:  
 A) DIMENSIONS APPLY AFTER FINISH BUT BEFORE LUBE.

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FILED AS: s_ H95-()	APPROVED DATE 11DEC1981	 Howmet Fastening Systems 800 S State College Boulevard Fullerton, California, 92831 <a href="http://www.hfs.howmet.com">http://www.hfs.howmet.com</a>	TITLE: NUT - 12 POINT, SELF LOCKING	CAGE CODE: 15653
	REV. LETTER AND DATE: B 11DEC2020		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & TO ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.010; ANGLES = ±2°	SALES DRAWING No.
	CUSTOMER:			H95-(*)