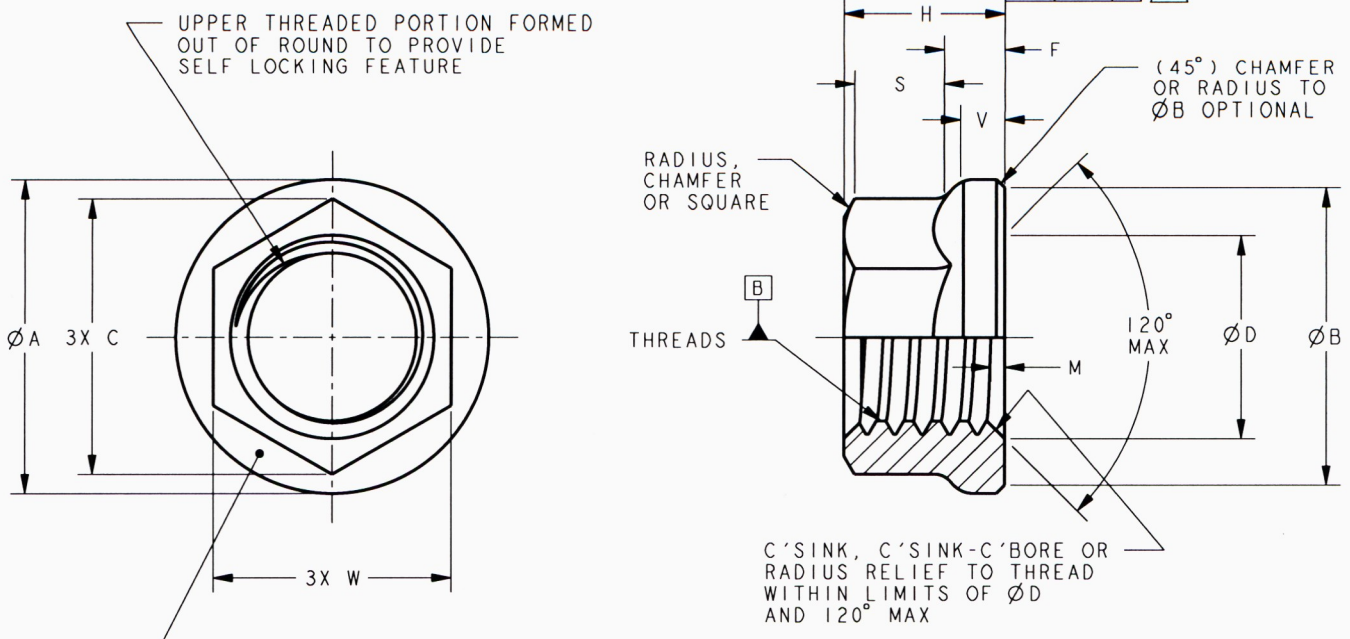


MANUFACTURER OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF HOWMET FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

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



MANUFACTURER'S IDENTIFICATION, PLUS LETTER C FOR CRES MATERIAL. LOCATION OPTIONAL, EXCEPT NOT ALLOWED ON BEARING SURFACE. RAISED OR DEPRESSED .010 MAX. SIZES 3 AND SMALLER OPTIONAL.

HFS PART NO.	THREADS PER AS8879	ØA		C	ØD		F	H	M	S	V	W	Y	
		MAX	MIN		MIN	MIN								
H41	-04	.1120-40UNJC-3B	.206	.176	.138	.142	.125	.125	.027	.050	.035	.127	.003	
	L04													.112
	-06	.1380-32UNJC-3B	.244	.214	.171	.168	.141	.141	.031	.055	.040	.158		
	L06													.138
	-08	.1640-32UNJC-3B	.290	.260	.207	.194	.170	.170	.060	.060	.045	.190		
	L08													.164
	-3	.1900-32UNJF-3B	.330	.292	.277	.220	.188	.188	.031	.065	.015	.252		.243
	-4	.2500-28UNJF-3B	.420	.386	.347	.280	.219	.219	.036	.090	.023	.316		.304
	-5	.3125-24UNJF-3B	.520	.482	.419	.342	.266	.266	.042	.120	.120	.378		.367
	-6	.3750-24UNJF-3B	.620	.575	.491	.405	.282	.282	.008	.125	.030	.440		.430
	-7	.4375-20UNJF-3B	.708	.680	.562	.467	.328	.328		.160	.035	.504		.494
	-8	.5000-20UNJF-3B	.814	.786	.633	.530	.480	.480		.225	.040	.566		.556

© 2026 HOWMET AEROSPACE INC. ALL RIGHTS RESERVED.

THIRD ANGLE PROJECTION EAR EXPORT CONTROLLED TECHNICAL DATA: DISTRIBUTION LIMITED TO U.S. PERSONS OR THOSE NON-U.S. PERSONS COVERED BY AN APPROPRIATE EXPORT LICENSE OR ALLOWED FOR BY THE APPROPRIATE REGULATIONS. ECCN: EAR99.

FILE STORED AS: S-H41	APPROVED DATE 10APR1987	CURRENT DESIGN ACTIVITY: HOWMET AEROSPACE	TITLE: NUT - 6 POINT, SELF LOCKING	CURRENT DESIGN ACTIVITY: CAGE CODE: 15653
	REV. LETTER AND DATE F 13FEB2026	Howmet Fastening Systems 800 S State College Boulevard Fullerton, California, 92831	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.010; ANGLES = ±2°	SALES DRAWING No.
	CUSTOMER: -			H41-(*) SHEET 1 OF 2

http://www.hfs.howmet.com TEL: (714)871-1550

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


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

HFS PART NO.	AXIAL TENSILE STRENGTH lbf MIN	WRENCHING TORQUE in-lbf	MAX WEIGHT lbs/100	
H41	-04	760	8	
	L04		11	
	-06	1,150	15	
	L06		17	
	-08	1,720	23	.15
	L08			
	-3	2,460	46	.18
	-4	4,580	115	.35
	-5	7,390	260	.60
	-6	11,450	450	.80
	-7	15,450	965	1.30
	-8	21,110	1,265	2.10

- MATERIAL:** A286 CORROSION RESISTANT STEEL PER AMS5525, AMS5732, AMS5737 OR AMS5853 (UNS S66286).
- FINISH:** SILVER PLATE PER AMS2410 WITH .0002 MINIMUM THICKNESS ON ANY SURFACE WHICH CAN BE TOUCHED WITH A Ø.75 BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT IS WAIVED.
- PERFORMANCE:** NASM25027, EXCEPT AS FOLLOWS:
 A) AXIAL TENSILE STRENGTH AS TABULATED, WHEN TESTED ON 180 KSI MIN BOLTS.
- TEMPERATURE:** 800 °F.
- NOTES:**
- MAGNETIC PERMEABILITY SHALL BE LESS THAT 2.0 (AIR=1.0) FOR A FIELD STRENGTH OF 200 OERSTEDS, USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/A342M, METHOD 3.
 - ⚠️ PERPENDICULARITY TO BE MEASURED IN ACCORDANCE WITH NASM25027.
 - NUTS SHALL BE TESTED FOR WRENCHING TORQUE BY USING A BOX OR SOCKET WRENCH.
 - UNLESS OTHERWISE SPECIFIED:
 - SURFACE TEXTURE 125 MICROINCHES PER ASME B46.1.
 - DIMENSIONS APPLY AFTER PLATING.
 - REMOVE ALL BURRS AND SHARP EDGES.

© 2026 HOWMET AEROSPACE INC. ALL RIGHTS RESERVED.

THIRD ANGLE PROJECTION  EAR EXPORT CONTROLLED TECHNICAL DATA: DISTRIBUTION LIMITED TO U.S. PERSONS OR THOSE NON-U.S. PERSONS COVERED BY AN APPROPRIATE EXPORT LICENSE OR ALLOWED FOR BY THE APPROPRIATE REGULATIONS. ECCN: EAR99.

FILE STORED AS: S_H41	APPROVED DATE 10APR1987	 HOWMET AEROSPACE Howmet Fastening Systems 800 S State College Boulevard Fullerton, California, 92831	TITLE: NUT - 6 POINT, SELF LOCKING	CURRENT DESIGN ACTIVITY: CAGE CODE: 15653
	REV. LETTER AND DATE F 13FEB2026		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES & ASME Y14.5-2018 TOLERANCES: DECIMALS = ±.010; ANGLES = ±2°	SALES DRAWING No.
	CUSTOMER: -		H41-(*)	SHEET 2 OF 2

TEL: (714)871-1550

http://www.hfs.howmet.com