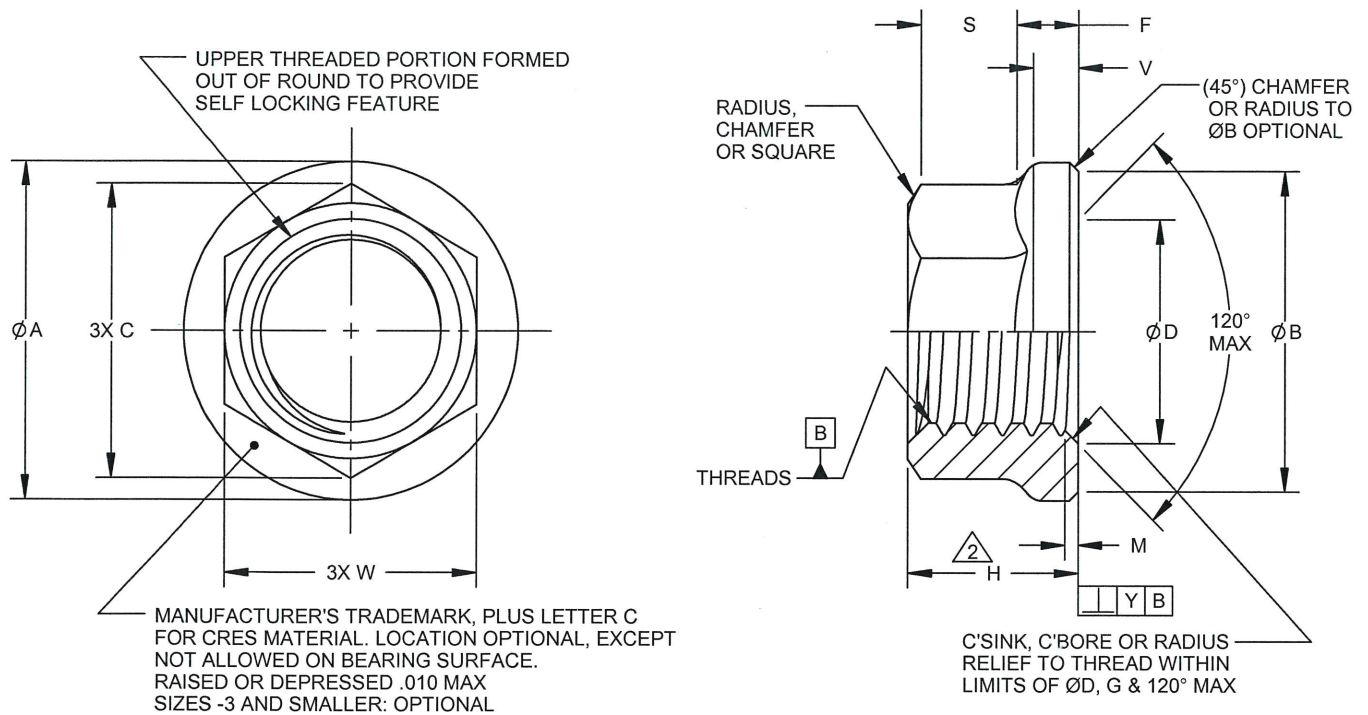


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN
CONSENT OF ARCONIC FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

AFS PRODUCTS PART NO.	THREADS PER AS8879	ØA MAX	ØB MIN	C MIN	ØD	F MIN	H	M	S MIN	V	W	Y	AXIAL TENSILE STRENGTH lbf MIN	MAXIMUM WEIGHT lbs/100
H41-	04 .1120-40UNJC-3B	.206	.176	.138	.142 .112		.125 .103		.050	.035 .015	.127 .122	.003	760	.05
	06 .1380-32UNJC-3B	.244	.214	.171	.168 .138	----	.141 .115	----	.055	.040 .020	.158 .150		1,150	.08
	08 .1640-32UNJC-3B	.290	.260	.207	.194 .164		.170 .125		.060	.045 .025	.190 .181		1,720	.15
	3 .1900-32UNJF-3B	.330	.292	.277	.220 .190	.043	.188 .154	.031 .006	.065	.015 MIN	.252 .243		2,460	.18
	4 .2500-28UNJF-3B	.420	.386	.347	.280 .250	.057	.219 .204	.036 .007	.090	.023 MIN	.316 .304	.004	4,580	.35
	5 .3125-24UNJF-3B	.520	.482	.419	.342 .312	.077	.266 .251		.120	MIN	.378 .367		7,390	.60
	6 .3750-24UNJF-3B	.620	.575	.491	.405 .375	.089	.282 .267	.042 .008	.125	.030 MIN	.440 .430		11,450	.80
	7 .4375-20UNJF-3B	.708	.680	.562	.467 .437		.328 .313		.160	.035 MIN	.504 .494	.005	15,450	1.30
	8 .5000-20UNJF-3B	.814	.786	.633	.530 .500	----	.480 MAX	----	.225	.040 MIN	.566 .556		21,110	2.10

MATERIAL: A286 CORROSION RESISTANT STEEL MEETING THE CHEMISTRY OF 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.

- NOTES:
- 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.
 - 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.



THIRD ANGLE PROJECTION

APPROVED DATE
10APR1987

REV. LETTER AND DATE:
C 30OCT2018

CUSTOMER:

CURRENT DESIGN ACTIVITY:



ARCONIC

Arconic Fastening Systems
Fullerton Operations
800 S State College Boulevard
Fullerton, California, 92831

<http://www.arconic.com>

TITLE:

NUT - 6 POINT,
SELF-LOCKING

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
IN INCHES & TO ASME Y14.5-2009 TOLERANCES:
DECIMALS = ±.015; ANGLES = ±2°

CAGE CODE: 15653

SALES DRAWING No.

H41-(*)