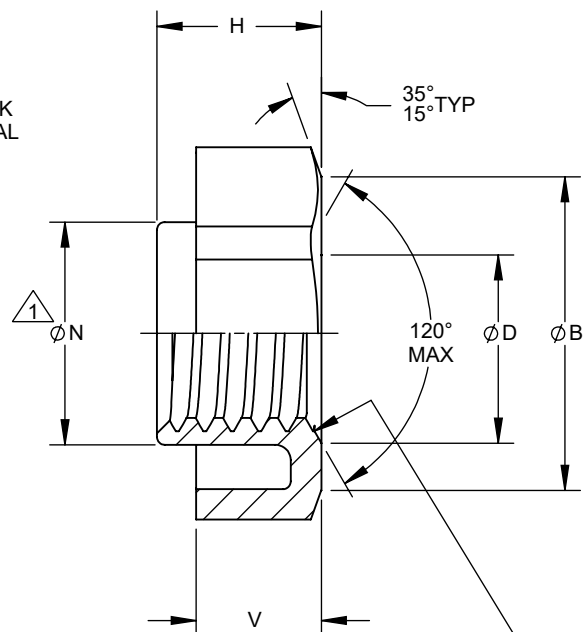
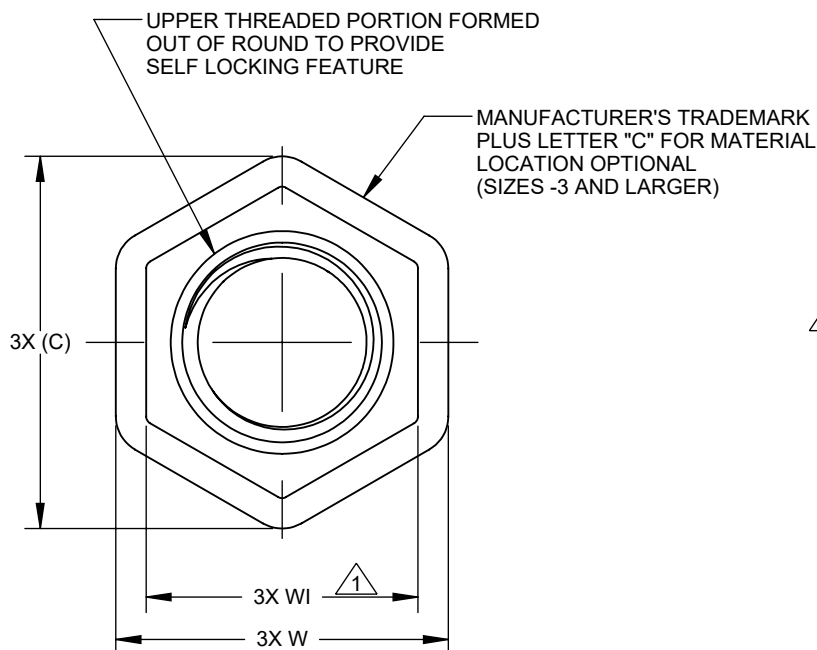
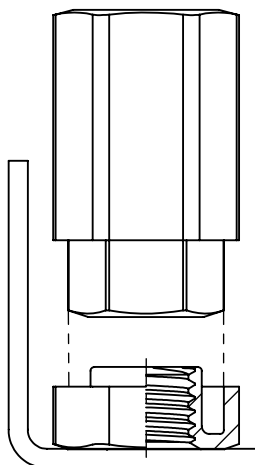


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WITHIN THE LIMITS OF " ϕD "INTERNAL OR EXTERNAL WRENCHING
FOR REDUCED SPOTFACE DIAMETERS.
WRENCH CLEARANCES AND
FLANGE WIDTHS

AFS PRODUCTS PART NO.		THREADS PER AS8879	Ø B MIN	(C)	Ø D MAX	H MAX	Ø N MAX	V MIN	W	WI	MAXIMUM WEIGHT lbs/100
H31-	04	.1120-32UNJC-3B	.190	.289	.154 .112	.124	.150	.081	.252 .240	.200 .189	.13
	06	.1380-32UNJC-3B	.252	.361	.178 .138	.141	.179	.092	.314 .302	.246 .234	.23
	08	.1640-32UNJC-3B	.284	.390	.203 .173	.188	.209	.122	.346 .334	.274 .266	.28
	3	.1900-32UNJF-3B	.315	.430	.230 .200		.235		.377 .365	.305 .297	.35
	4	.2500-28UNJF-3B	.380	.506	.293 .263	.219	.302	.142	.439 .430	.357 .349	.53
	5	.3125-24UNJF-3B	.452	.580	.356 .326	.266	---	.173	.502 .492	---	.85
	6	.3750-24UNJF-3B	.523	.650	.418 .388	.282		.183	.564 .553		1.10
	7	.4375-20UNJF-3B	.629	.790	.478 .448	.328		.213	.690 .679		1.45

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REV. LETTER AND DATE:

A 16MAR2018

CUSTOMER:

CURRENT DESIGN ACTIVITY:

**ARCONIC**Arconic Fastening Systems
Fullerton Operations
800 S State College Boulevard
Fullerton, California, 92831<http://www.arconic.com>

TITLE:

NUT - HEX
SELF-LOCKINGUNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
IN INCHES & TO ASME Y14.5-2009 TOLERANCES:
DECIMALS = $\pm .015$; ANGLES = $\pm 2^\circ$ **CAGE CODE: 15653****SALES DRAWING No.****H31-(*)**

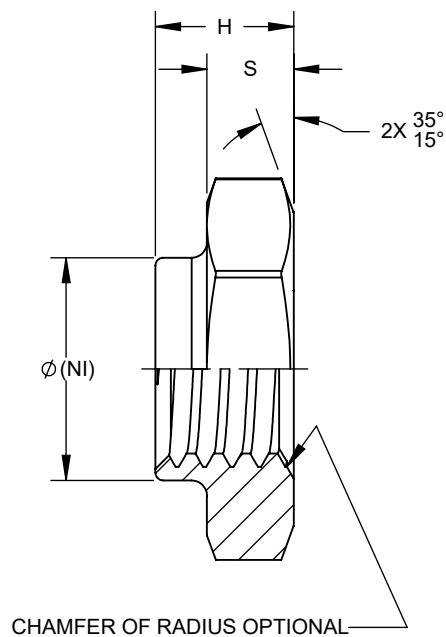
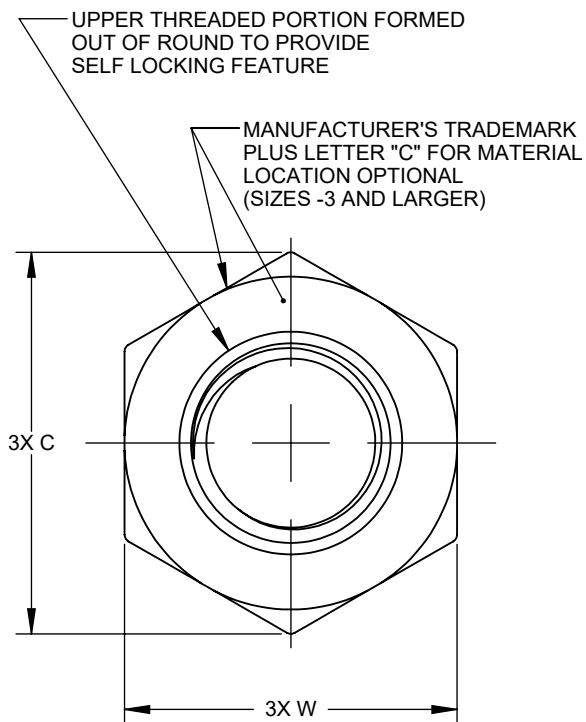
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AFS PRODUCTS PART NO.		THREADS PER AS8879	C	H MAX	Ø(NI)	S	W
H31-	8	.5000-20UNJF-3B	.837 MIN	.328	.573	.160	.752 .740
	9	.5625-18UNJF-3B	(1.010)	.375	.646	.200	.877 .865
	10	.6250-18UNJF-3B	(1.080)	.407	.718	.218	.940 .928
	12	.7500-16UNJF-3B	(1.191)	.422	.853	.213	1.064 1.052
	14	.8750-14UNJF-3B	(1.440)	.485	.968	.262	1.252 1.239
	16	1.0000-14UNS-3B	(1.660)	.578	1.123	.319	1.440
	1612	1.0000-12UNJF-3B					1.427
	18	1.1250-12UNJF-3B	(1.880)	.672	1.258	.463	1.627 1.614
	20	1.2500-12UNJF-3B	(2.038)	.766	1.383	.507	1.817 1.801



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CAGE CODE: 15653

SALES DRAWING No.


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MATERIAL: H31-04 THRU H31-7:
A286 CORROSION RESISTANT STEEL PER AMS5525 (UNS S66286).
H31-8 AND LARGER:
A286 CORROSION RESISTANT STEEL PER AMS5732 (UNS S66286).

FINISH: SILVER PLATE PER AMS2410 .0002 MINIMUM THICKNESS ON ANY SURFACE WHICH CAN BE
TOUCHED WITH A ϕ .75 BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT
THICKNESS REQUIREMENT IS WAIVED.

PERFORMANCE: NASM25027.

- NOTES:  1. DIMENSIONS N AND WI APPLICABLE TO INTERNAL WRENCHING TYPE.
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/A342M, TEST METHOD 3 OR EQUIVALENT.
3. REMOVE ALL BURRS AND SHARP EDGES.

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