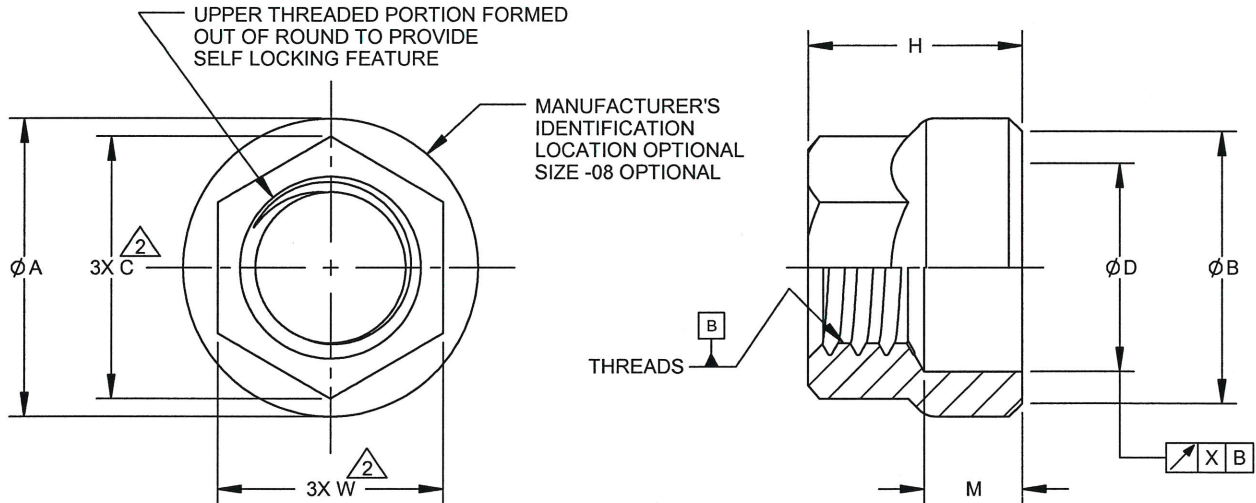


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN  
CONSENT OF ARCONIC FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

AFS PRODUCTS PART NO.	THREADS PER AS8879	$\phi A$ MAX	$\phi B$ MIN	C MIN	$\phi D$	H MAX	M	W	X	AXIAL TENSILE STRENGTH lbf MIN	RECOMMENDED SEATING TORQUE in-lbf
KFN511-	08	.1640-32UNJC-3B	.290	.273	.242	.202 .198	.251	.112 .212	.005	2,300	30-40
	3	.1900-32UNJF-3B	.330	.295	.277	.228 .224	.269	.102 .251 .243		2,750	40-50
	4	.2500-28UNJF-3B	.425	.398	.348	.288 .284	.331	.117 .107 .313 .305		5,000	115-130
	5	.3125-24UNJF-3B	.525	.497	.419	.350 .346	.352	.127 .117 .376 .367		8,300	200-250
	6	.3750-24UNJF-3B	.605	.577	.491	.413 .409	.423	.117 .439 .430	.006	12,700	360-420
	7	.4375-20UNJF-3B	.705	.677	.561	.476 .472	.488	.142 .492 .502 .492		19,000	525-600
	8	.5000-20UNJF-3B	.805	.777	.631	.538 .534	.543	.132 .564 .553		25,500	725-825

AFS PRODUCTS PART NO.	MAXIMUM LOCKING TORQUE in-lbf	APPROX WEIGHT lbs/100
KFN511-	08	.16
	3	.21
	4	.41
	5	.61
	6	.87
	7	1.40
	8	1.90

THIRD ANGLE PROJECTION

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01APR2004

CURRENT DESIGN ACTIVITY:

TITLE:

REV. LETTER AND DATE:

C 03JAN2018

CUSTOMER:

**ARCONIC**

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

NUT - 6 POINT,  
SELF-LOCKING

UNLESS 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.****KFN511-(\* )****PAGE 1 OF 2**

FILED AS:

s\_KFN511-(-)

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MATERIAL: A286 CORROSION RESISTANT STEEL PER AMS5732 OR AMS5737 (UNS S66286).

HEAT TREAT: Rc 33-44.

FINISH: KFN511C(\*) -- PASSIVATE PER AMS2700, CADMIUM PLATE PER AMS-QQ-P-416,  
TYPE II, CLASS 2, PLUS CETYL ALCOHOL LUBRICANT.

KFN511DL(\*) -- PASSIVATE PER AMS2700, PLUS SOLID FILM LUBRICANT PER AS5272.

KFN511E(\*) -- PASSIVATE PER AMS2700, SILVER PLATE PER AMS2410, PLUS  
CETYL ALCOHOL LUBRICANT.

KFN511J(\*) -- SILVER PLATE PER AMS2410.


KFN511K(\*) -- LUBECO 905 SOLID FILM LUBRICANT.

KFN511V(\*) -- LUBECO 2123 SOLID FILM LUBRICANT.

PERFORMANCE: KFS 1011, EXCEPT AS FOLLOWS:

- A) AXIAL TENSILE STRENGTH AS TABULATED.
- B) RECOMMENDED SEATING TORQUE AS TABULATED.
- C) MAXIMUM LOCKING TORQUE AS TABULATED.
- D) METALLURGICAL EXAMINATION, MICROSTRUCTURE, REQUIRED PER 33A056.

APPLICATIONS: FOR USE ON STANDARD TO .032 OVERSIZE SHANK BOLTS.

- NOTES:
1. PACKAGING:  
PARTS ARE NORMALLY SUPPLIED IN BULK PACKAGING. ADD S AFTER DASH  
NUMBER FOR SPINDLE SUPPLIED NUTS FOR USE WITH K-FAST™ AUTOMATIC  
TOOLS, OR SS FOR PARTS ON SHORT SPINDLES. FOR USE ON LIGHTWEIGHT K  
FAST™ AUTOMATIC TOOLS. SPINDLE PACKAGED PARTS APPLY TO SIZES -5 AND  
SMALLER.
  2.  DIMENSIONS C AND W APPLY PRIOR TO FORMING SELF LOCKING FEATURE.
  3. REMOVE ALL SHARP EDGES AND BURRS.
  4. UNLESS OTHERWISE SPECIFIED:  
A) SURFACE TEXTURE 125 MICROINCHES.

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

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THIRD ANGLE  
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**CAGE CODE: 15653****SALES DRAWING No.****KFN511-(\* )****PAGE 2 OF 2**