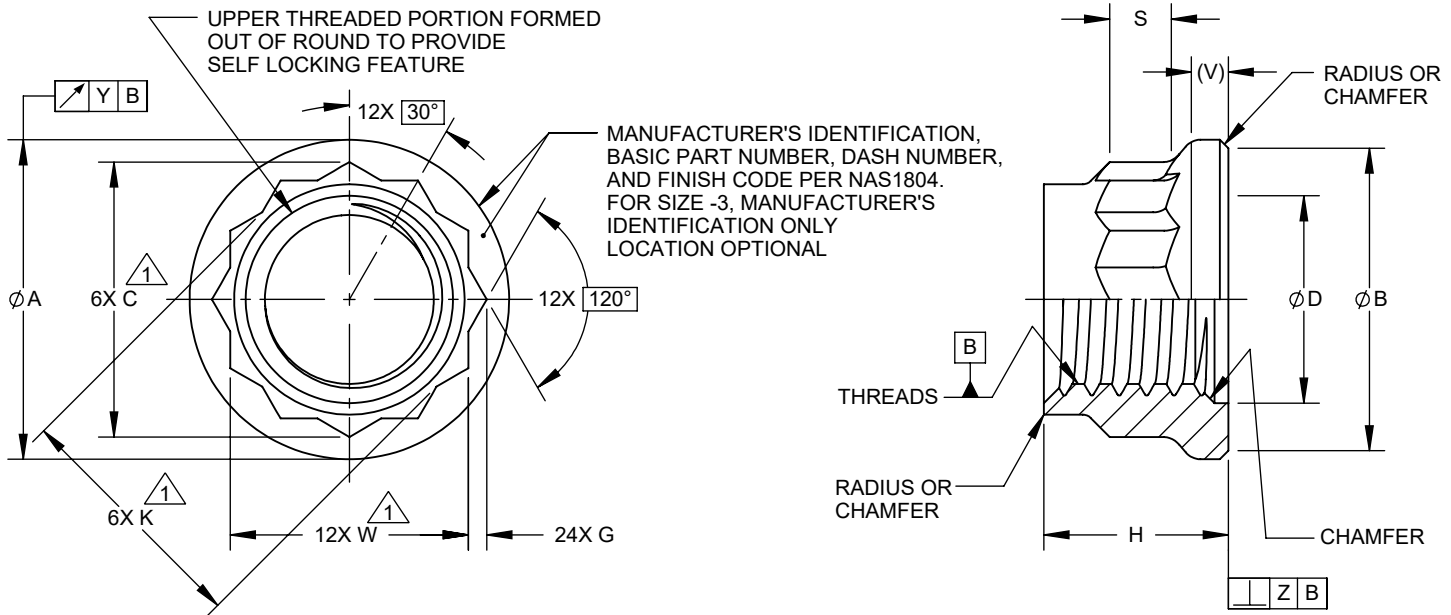


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT OF ARCONIC FASTENING SYSTEMS IS ABSOLUTELY PROHIBITED.

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



AFS PRODUCTS PART NO.	THREADS PER AS8879	Ø A		C	Ø D	G	H	K	S	(V)	W	Y	Z	MAXIMUM WEIGHT lbs/100	
		MAX	MIN												
H93-	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			
	5	.3125-24UNJF-3B	.532	.492	.418	.342 .312	.021	.312	.392	.120	.035	.376 .367		.004	
	6	.3750-24UNJF-3B	.631	.591	.490	.405 .375	.026	.375	.458	.129	.056	.439 .430			1.26
	7	.4375-20UNJF-3B	.729	.689	.631	.473 .438	.034	.438	.588	.156	.069	.564 .553	.010	.005	2.12
	8	.5000-20UNJF-3B	.828	.788	.703	.535 .500	.038	.500	.654	.190	.074	.627 .616			
	9	.5625-18UNJF-3B	.926	.886	.775	.597 .562	.042	.562	.720	.230	.079	.690 .679		.006	
	10	.6250-18UNJF-3B	1.024	.984	.846	.660 .625	.047	.625	.784	.250	.084	.752 .741			5.36
	12	.7500-16UNJF-3B	1.221	1.181	1.059	.785 .750	.060	.750	.980	.310	.094	.940 .928	.007		9.67
	14	.8750-14UNJF-3B	1.418	1.378	1.200	.910 .875	.068	.875	1.110	.350	.109	1.064 1.052		.008	
	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	.015		.009
	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

MATERIAL: ALLOY STEEL PER AMS6304 (UNS K14675), OR H-11 ALLOY STEEL PER AMS6487 (UNST20811).

HEAT TREAT: Rc 45 MAXIMUM.

FINISH: H93-(*): CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, PLUS SOLID FILM LUBRICANT COAT PER AS5272, TYPE I.

H93-(*): CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, PLUS CETYL ALCOHOL LUBRICANT PER AS87132, TYPE I, GRADE A.

PERFORMANCE: NAS3350, CLASS III.

NOTES: 1. DIMENSIONS C, K AND W APPLY PRIOR TO SELF LOCKING FEATURE.

2. UNLESS OTHERWISE SPECIFIED:
A) DIMENSIONS APPLY AFTER PLATING BUT BEFORE LUBRICANT

THIRD ANGLE PROJECTION

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APPROVED DATE
15AUG1978

CURRENT DESIGN ACTIVITY:

TITLE:

REV. LETTER AND DATE:
B 07DEC2018



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

NUT - 12 POINT,
SELF-LOCKING

CAGE CODE: 15653

SALES DRAWING No.

H93-(*)

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