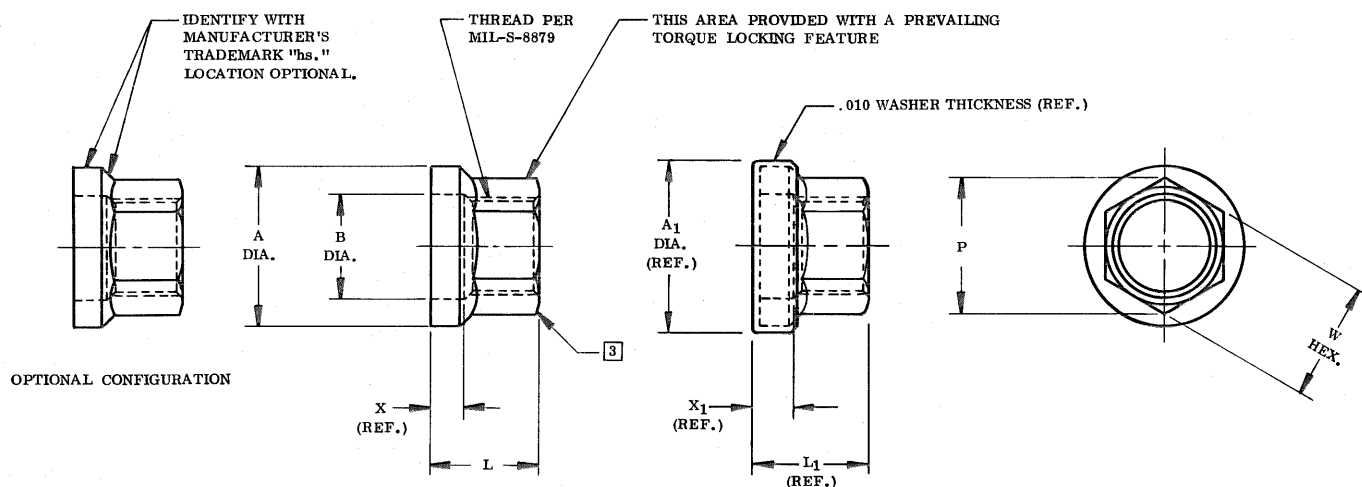




2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	A1 DIA. (REF.)	B DIA.	L	L1 (REF.)	P (REF.)	W HEX.	X (REF.)	X1 (REF.)	UTS LBS. MIN.
-5	5/32	8-32UNJC-3B	.287 .283	.320	.173 .169	.235 .225	.240	.250	.220 .212	.085	.100	2,300
-6	3/16	10-32UNJF-3B	.307 .303	.340	.212 .208	.240 .230	.250	.285	.251 .243	.085	.100	2,750
-8	1/4	1/4-28UNJF-3B	.412 .408	.442	.272 .268	.285 .275	.290	.355	.313 .305	.090	.105	5,000
-10	5/16	5/16-24UNJF-3B	.518 .512	.552	.336 .330	.330 .320	.340	.430	.376 .367	.095	.110	8,300
-12	3/8	3/8-24UNJF-3B	.628 .622	.685	.398 .392	.370 .360	.380	.500	.439 .430	.095	.110	12,700
-14	7/16	7/16-20UNJF-3B	.713 .707	.775	.463 .457	.415 .400	.430	.643	.565 .550	.100	.115	19,000
-16	1/2	1/2-20UNJF-3B	.815 .809	.895	.528 .522	.445 .430	.460	.643	.565 .550	.100	.115	25,500
-18	9/16	9/16-18UNJF-3B	.915 .905	.910	.598 .592	.520 .495	.520	.788	.690 .675	.105	.120	29,000
-20	5/8	5/8-18UNJF-3B	.995 .985	1.040	.661 .655	.565 .545	.590	.860	.753 .738	.105	.120	32,000
-24	3/4	3/4-16UNJF-3B	1.120 1.110	1.140	.786 .780	.810 .790	.825	1.000	.878 .863	.120	.135	42,000

- NOTES: 1. Go thread gage penetration shall be 3/4 of one revolution minimum.
2. Dimensions apply after plating.
3. Burrs from cutoff process allowed.

MATERIAL: Nut – Alloy steel.
Washer – 300 series stainless steel.

HEAT TREAT: Nut – 180,000 psi maximum per MIL-H-6875.
Washer – None.

FINISH: HSTN1083KJ-() = Nut only with cadmium plate per QQ-P-416, Type II, Class 2, color black plus SPS Lube 7 or equivalent.
HSTN1083KJW-() = Nut with cadmium plate per QQ-P-416, Type II, Class 2, color black and SPS Lube 7 or equivalent. Washer with cadmium plate Type II, Class 2, no lube.
HSTN1083PH-() = Nut only with cadmium plate per QQ-P-416, Type II, Class 2, color black plus cetyl alcohol lube per Hi-Shear Spec. 305.
HSTN1083PHW-() = Nut with cadmium plate per QQ-P-416, Type II, Class 2, color black and cetyl alcohol lube per Hi-Shear Spec. 305. Washer with cadmium plate Type II, Class 2, no lube.

SPECIFICATION: Hi-Lite Product Specification 381.

CODE: Dash number indicates nominal thread size in 1/32nds.
See "Finish" note for explanation of code letters.

EXAMPLE: HSTN1083KJ-8 = 1/4-28 Hi-Lite ST Nut, finish is cadmium plate, color black.
HSTN1083KJW-8 = 1/4-28 Hi-Lite ST Nut and washer, both with Type II cadmium plate.

U.S. Patents 4,326,825 and 4,485,510.
Other U.S. and foreign patents pending.
"Hi-Lite" is a registered trademark, and "Hi-Lite ST" is a trademark of Hi-Shear Corporation.

	DATE	BY	TITLE HI-LITE ST™ NUT ALLOY STEEL NUT AND STAINLESS STEEL WASHER 1/16" GRIP VARIATION FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	DRAWING NUMBER HSTN1083
DRAWN	12-19-85	D. P. S.		
APPROVED	1-14-86	<i>J. Rasmussen</i>		
REVISION				