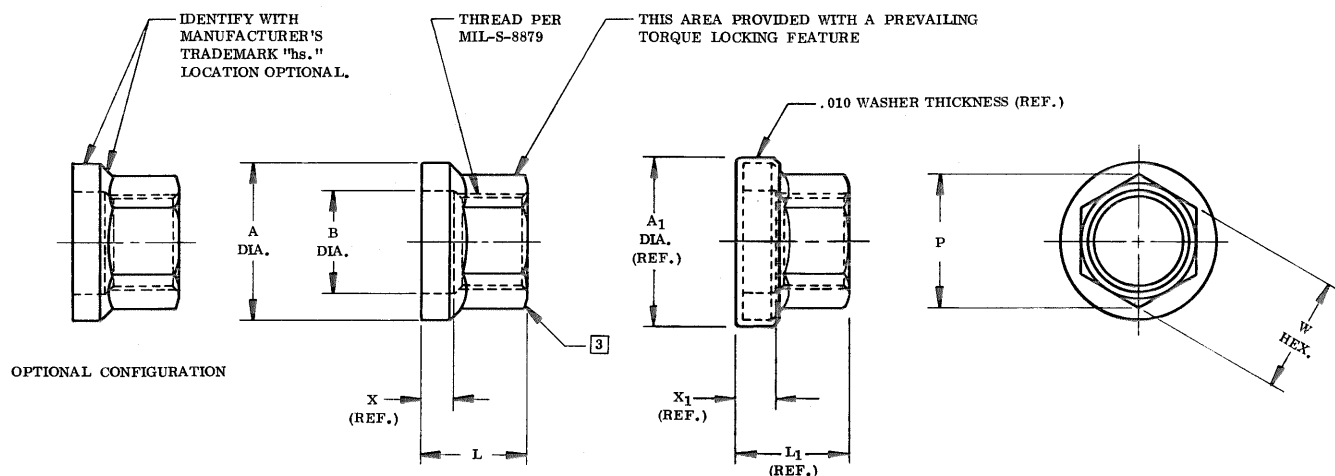




2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



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.	RECOMMENDED INSTALLATION TORQUE IN.-LBS.
-5	5/32	8-32UNJC-3B	.287 .283	.320	.173 .169	.235 .225	.240	.250	.220 .212	.085	.100	2,300	25-35
-6	3/16	10-32UNJF-3B	.307 .303	.340	.212 .208	.240 .230	.250	.285	.251 .243	.085	.100	2,750	30-40
-8	1/4	1/4-28UNJF-3B	.412 .408	.442	.272 .268	.285 .275	.290	.355	.313 .305	.090	.105	5,000	80-95
-10	5/16	5/16-24UNJF-3B	.518 .512	.552	.336 .330	.330 .320	.340	.430	.376 .367	.095	.110	8,300	150-200
-12	3/8	3/8-24UNJF-3B	.628 .622	.685	.398 .392	.370 .360	.380	.500	.439 .430	.095	.110	12,700	260-360
-14	7/16	7/16-20UNJF-3B	.713 .707	.775	.463 .457	.415 .400	.430	.643	.565 .550	.100	.115	19,000	390-480
-16	1/2	1/2-20UNJF-3B	.815 .809	.895	.528 .522	.445 .430	.460	.643	.565 .550	.100	.115	25,500	640-800
-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	.580	.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.
4. Recommendation based on use with factory applied finishes and lubricants.
Valid only for use with tension rated pins.

① MATERIAL: Collar — Alloy steel.
Washer — 300 series stainless steel.

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

① FINISH: HST1088KJ-() = Nut only with cadmium plate per QQ-P-416, Type II, Class 2, color black plus SPS Lube 7 or equivalent.
HST1088KJW-() = 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.
HST1088PH-() = Nut only with cadmium plate per QQ-P-416, Type II, Class 2, color black plus cetyl alcohol lube per Hi-Shear Spec. 305.
HST1088PHW-() = 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.

① EXAMPLE: HST1088KJ-8 = 1/4-28 Hi-Lite ST Nut, finish is cadmium plate, color black.
HST1088KJW-8 = 1/4-28 Hi-Lite ST Nut and washer, both with Type II cadmium plate.

U.S. Patent 4,326,825.
Other U.S. and foreign patents pending.
"Hi-Lite" and "Hi-Lite ST" are trademarks of Hi-Shear Corporation.

			TITLE	DRAWING NUMBER
	DATE	BY	HI-LITE ST™ NUT ALLOY STEEL NUT AND STAINLESS STEEL WASHER 1/16" GRIP VARIATION – TENSION APPLICATION FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	HST1088
DRAWN	1-25-84	D. P. S.		
APPROVED	1-25-84			
④ REVISION	1-24-85	D. Ting		