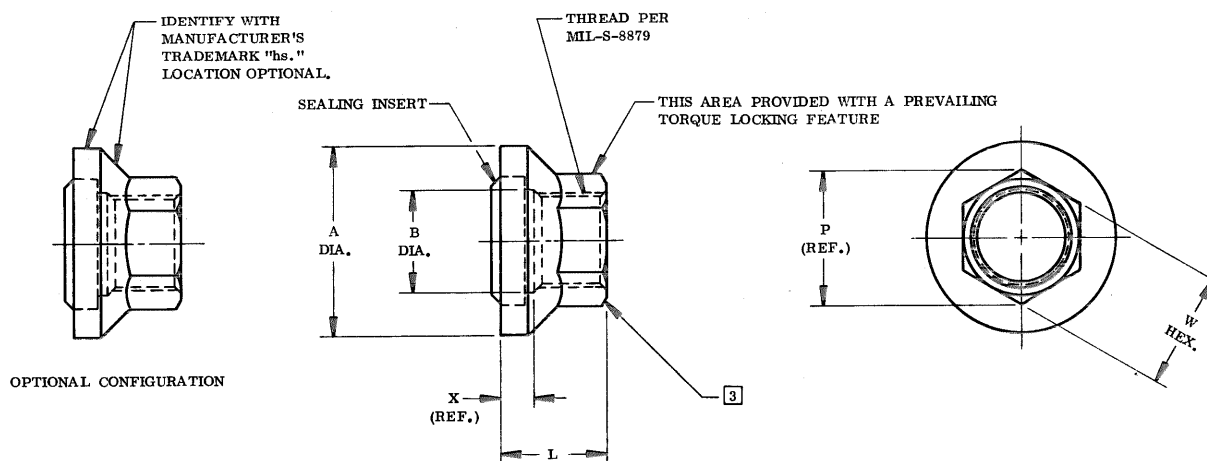


hi-shear
CORPORATION

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



DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	B DIA.	L	P (REF.)	W HEX.	X (REF.)	UTS LBS. MIN.
-5	5/32	8-32UNJC-3B	.352 .348	.173 .169	.235 .225	.250	.220 .212	.085	2,300
-6	3/16	10-32UNJF-3B	.388 .384	.212 .208	.240 .230	.285	.251 .243	.085	2,750
-8	1/4	1/4-28UNJF-3B	.509 .505	.272 .268	.285 .275	.355	.313 .305	.090	5,000
-10	5/16	5/16-24UNJF-3B	.636 .630	.336 .330	.330 .320	.430	.376 .367	.095	8,300
-12	3/8	3/8-24UNJF-3B	.720 .714	.398 .392	.370 .360	.500	.439 .430	.095	12,700
-14	7/16	7/16-20UNJF-3B	.861 .855	.463 .457	.415 .400	.643	.565 .550	.100	19,000
-16	1/2	1/2-20UNJF-3B	.990 .982	.528 .522	.445 .430	.643	.565 .550	.100	25,500

- 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.

① MATERIAL: Nut – Alloy steel.
Insert – Teflon per MIL-P-19468.

HEAT TREAT: 180,000 psi maximum per MIL-H-6875.

① FINISH: Nut – HST1089KJ-() = Cadmium plate per QQ-P-416, Type II, Class 2, color black plus SPS Lube 7 or equivalent.
HST1089PH-() = Cadmium plate per QQ-P-416, Type II, Class 2, color black plus cetyl alcohol lube per Hi-Shear Spec. 305.
Insert – None.

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: HST1089KJ-8 = 1/4-28 Hi-Kote ST Sealing Nut with Teflon Insert, finish is cadmium plate, color black.

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	HST1089
DRAWN	1-23-84	D. P. S.	
APPROVED	1-24-84	R. J. J.	
4 REVISION	1-16-85	D. P. S.	
HI-LITE ST™ NUT (SEALING TYPE) ALLOY STEEL 1/16" GRIP VARIATION – TENSION APPLICATION FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS			