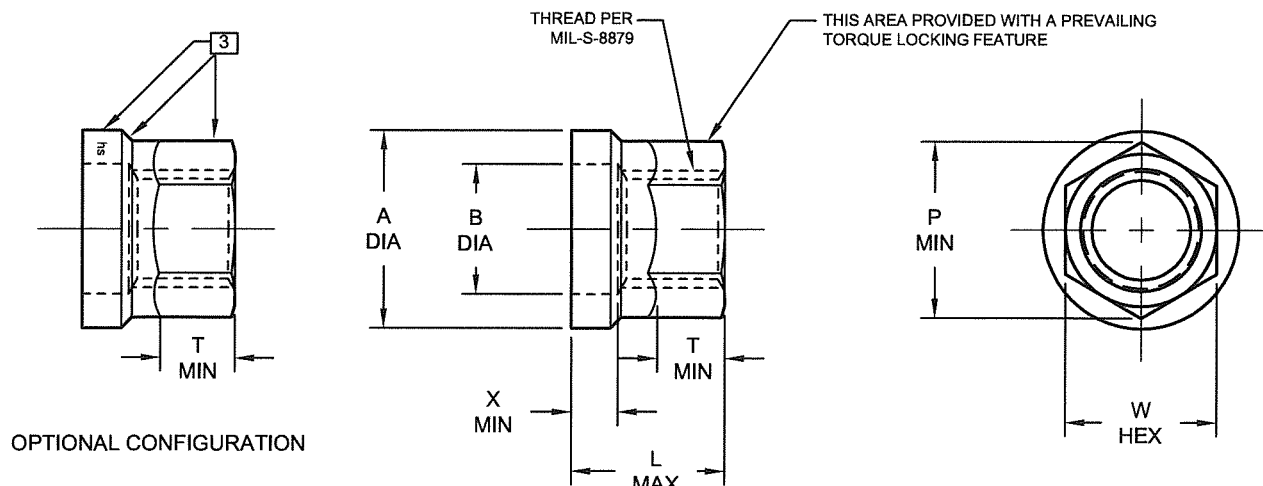


hi-shear
CORPORATION

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DASH NO.	PIN NOM DIA	THREAD	A MAX	B DIA	L MAX	P MIN	T MIN	W HEX	X MIN	UTS LBS. MIN	RECOMMENDED SEATING TORQUE (IN-LB)
08	5/32	8-32UNJC-3B	.292	.173 .169	.248	.242	.098	.220 .212	.092	1,400	15-25
3	3/16	10-32UNJF-3B	.307	.200 .196	.258	.277	.098	.251 .243	.092	1,600	25-35
4	1/4	1/4-28UNJF-3B	.412	.261 .257	.285	.348	.098	.313 .305	.092	3,000	60-80
5	5/16	5/16-24UNJF-3B	.518	.325 .319	.338	.419	.115	.376 .367	.092	5,000	110-140
6	3/8	3/8-24UNJF-3B	.628	.388 .382	.378	.491	.130	.439 .430	.092	7,000	160-200
7	7/16	7/16-20UNJF-3B	.713	.450 .444	.435	.561	.142	.502 .492	.097	9,500	220-280
8	1/2	1/2-20UNJF-3B	.815	.513 .507	.475	.631	.165	.564 .553	.097	12,500	340-410

- NOTES:
1. "W" and "P" dimensions apply prior to deformation for torque locking feature.
 2. One cycle use.
 3. Identify with manufacturer's trademark 'hs', location optional.

MATERIAL: 7075 aluminum alloy per AMS-QQ-A-225/9.

HEAT TREAT: Age to T73 condition per AMS-H-6088.

FINISH: HSTN1079CY() = Anodize per AMS-A-8625, dye color orange, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: Hi-Lite Product Specification 381-2.

CODE: Dash number indicates nominal thread size in 1/16ths.

EXAMPLE: HSTN1079CY4 = 1/4-28 Hi-Lite ST nut with cetyl alcohol lube.

U.S. Patents 4,326,825; 4,485,510 and 4,957,401.
Other U.S. and foreign patents pending.
"Hi-Lite" and "HST" are registered trademarks and
"Hi-Lite ST" is a trademark of Hi-Shear Corporation

DATE	BY	TITLE	DRAWING NO.
12-20-01	D. Hocking	HI-LITE [®] ST [™] NUT	HSTN1079
12-20-01	D. Hocking	ALUMINUM ALLOY	
		1/16" GRIP VARIATION, SHEAR APPLICATION	
		FOR USE ON STANDARD SIZE	
		HI-LITE ST PINS	
REVISION	-	-	