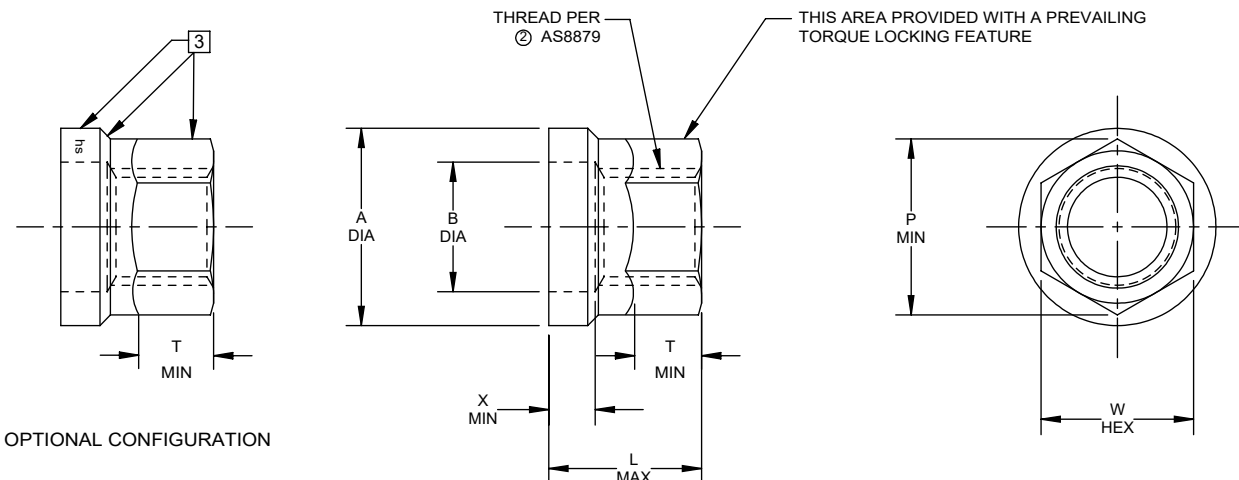




②

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	.1640-32 UNJC-3B	.292	.173 .169	.248	.242	.098	.220 .212	.092	1,400	15-25
3	3/16	.1900-32 UNJF-3B	.355	.228 .224	.258	.277	.098	.251 .243	.092	1,600	25-35
4	1/4	.2500-28 UNJF-3B	.440	.288 .284	.285	.348	.098	.313 .305	.092	3,000	60-80
5	5/16	.3125-24 UNJF-3B	.538	.350 .346	.338	.419	.115	.376 .367	.092	5,000	110-140
6	3/8	.375-24 UNJF-3B	.649	.413 .409	.378	.491	.130	.439 .430	.092	7,000	160-200
7	7/16	.4375-20 UNJF-3B	.740	.476 .472	.435	.561	.142	.502 .492	.097	9,500	220-280
8	1/2	.5000-20 UNJF-3B	.860	.538 .534	.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.

② ④. Use the following test bolt for thread lock inspection: TB64AP

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

HEAT TREAT: ② Age to T73 condition per AMS2770.

② **FINISH:** HSTN1679AV() = Anodize per MIL-PRF-8625, dye color blue, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: ② HI-LITE™ Product Specification 381. Test bolt requirement exception per note ④

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

EXAMPLE: HSTN1679AV4 = 1/4-28 Hi-Lite™ nut with cetyl alcohol lube.

"HI-LITE" AND "HST" ARE INTERNATIONAL REGISTERED TRADEMARKS OF HI-SHEAR CORPORATION

DATE	BY	②	TITLE	DRAWING NO.
DRAWN	2001-02-22	D.HOCKING	HI-LITE™ NUT	HSTN1679
APPROVED	2001-02-22	M.CAWLEY	ALUMINUM ALLOY	
② REVISION	2024-02-09	C. ARTOS	1/16 GRIP VARIATION, SHEAR APPLICATION FOR USE ON STANDARD, 1/64 AND 1/32 OVERSIZE HI-LITE™ PINS	1 of 1