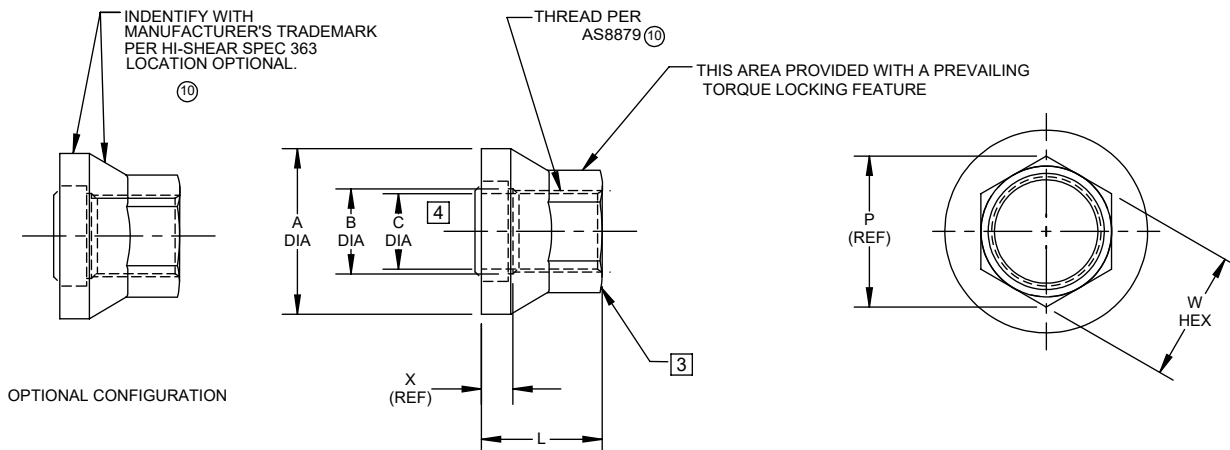




DASH NO.	PIN NOM DIA	THREAD	A DIA	B DIA	C DIA MIN	L MAX	P (REF)	W HEX	X (REF)	LOCKING TORQUE IN-LBS MAX	UTS LBS. MIN	MIN BREAKAWAY IN-LBS	RECOMMENDED INSTALLATION TORQUE IN-LBS
8	1/4	.2500-28 UNJF-3B	.510 .504	.272 .268	.254	.280	.355	.313 .305	.090	20	3,200	1.5	60-80
10	5/16	.3125-24 UNJF-3B	.636 .630	.336 .330	.317	.325	.430	.376 .367	.095	30	5,200	6.5	110-140
12	3/8	.3750-24 UNJF-3B	.720 .714	.398 .392	.379	.365	.500	.439 .430	.095	40	7,000	9.5	160-200

NOTES: 1. Go thread gage penetration shall be 3/4 of one revolution minimum.

10 2. Dimensions are in inches and apply after finish.

3 Burrs from cutoff process allowed.

4 "C" diameter is the inner diameter of Teflon insert.

10 5 Use the following test bolt for thread lock inspection: TB64CE

MATERIAL: 10 Nut - 7075 aluminum alloy per AMS-QQ-A-225/9.

10 Insert - Teflon per ASTM D1710, Type I, Grade I.

HEAT TREAT: 10 Nut - Age to T73 condition per AMS2770.

10 **FINISH:** Nut - HST1080CJ() = Anodize per MIL-PRF-8625, dye color black, and SPS Lube 7 or equivalent.
HST1080CK() = Anodized per MIL-PRF-8625, dye color black, and cetyl alcohol lube per Hi-Shear Spec. 305.

Insert - None

SPECIFICATION: 10 HI-LITE™ Product Specification 381. Test bolt requirement exception per note 5

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

HOW TO ORDER
EXAMPLES: 10 HST1080CJ8 = .2500-28 HI-LITE™ Nut with Teflon Insert.

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

	DATE	BY	⑩ HI-LITE™ NUT (SEALING TYPE) ALUMINUM ALLOY 1/16 GRIP VARIATION, SHEAR APPLICATION FOR USE ON STANDARD DIAMETER HI-LITE™ PINS	DRAWING NO.
DRAWN	1984-01-23	D.P.S.		HST1080 1 of 1
APPROVED	1984-01-24	R. TING		
⑩ REVISION	2024-02-09	C.ARTOS		