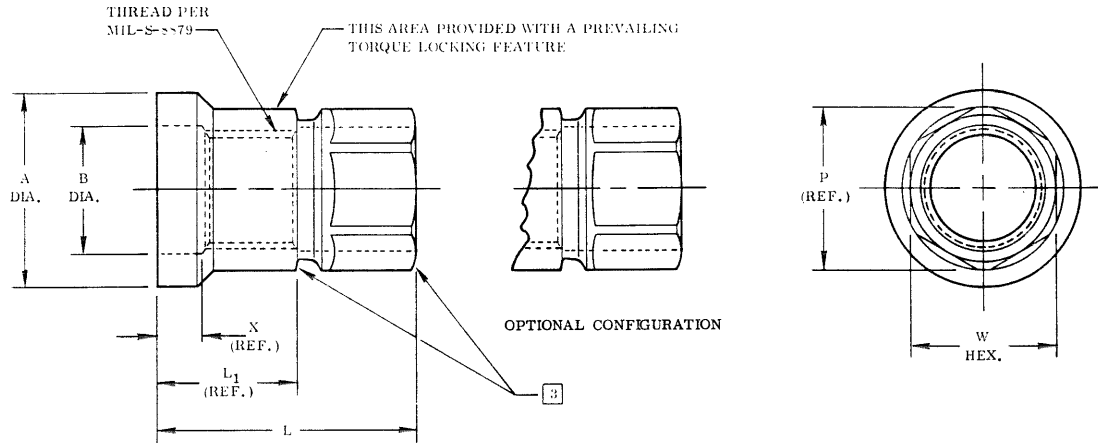




2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	B DIA.	L	L1 (REF.)	P (REF.)	W HEX.	X (REF.)	UTS LBS. MIN.	TORQUE-OFF IN.-LBS.
-5	5/32	8-32UNJC-3B	.292 .288	.173 .169	.425 .405	.220	.250	.220 .213	.085	1,400	15-25
-6	3/16	10-32UNJF-3B	.307 .303	.200 .196	.435 .415	.230	.280	.251 .244	.085	1,600	25-35
-8	1/4	1/4-28UNJF-3B	.412 .408	.261 .257	.525 .505	.270	.350	.314 .302	.090	3,000	60-80
-10	5/16	5/16-24UNJF-3B	.518 .512	.325 .319	.625 .605	.315	.420	.377 .365	.095	5,000	110-140
-12	3/8	3/8-24UNJF-3B	.628 .622	.388 .382	.695 .675	.355	.490	.439 .425	.095	7,000	160-200
-14	7/16	7/16-20UNJF-3B	.713 .707	.450 .444	.775 .755	.405	.557	.503 .490	.100	9,500	220-280
-16	1/2	1/2-20UNJF-3B	.815 .809	.513 .507	.845 .825	.435	.624	.565 .550	.100	12,500	340-410

- NOTES: 1. Go thread gage penetration shall be 3/4 of one revolution minimum.
2. Dimensions apply after finish.
3. Burrs from cutoff process and cutting torque-off groove allowed.

MATERIAL: 7050 aluminum alloy per AMS4340 or 7075 aluminum alloy per QQ-A-225/9.

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

FINISH: HST1070CY-() = Anodize per MIL-A-8625, dye color orange, and cetyl alcohol lube per Hi-Shear Spec. 305.
HST1070CK-() = Anodize per MIL-A-8625, dye color black, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: Hi-Lite Product Specification 381.

CODE: Dash number indicates nominal thread size in 1/32nds.

EXAMPLE: HST1070CY-8 = 1/4-28 Hi-Lite ST collar with dye color orange and cetyl alcohol lube.

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

			TITLE	DRAWING NUMBER
	DATE	BY	HI-LITE® ST™ COLLAR ALUMINUM ALLOY 1/16" GRIP VARIATION — SHEAR APPLICATION	HST1070
DRAWN	3-4-83	D. P. S.		
APPROVED	3-4-83	<i>[Signature]</i>		
6 REVISION	9-26-85	D. P. S.		