



DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	B DIA.	L	L <sub>1</sub> (REF.)	P (REF.)	W HEX.	X (REF.)	UTS LBS. MIN.	TORQUE-OFF IN.-LBS.
5	5/32	8-32UNJC-3B	.352 .348	.173 .169	.420 .405	.220	.248	.223 .213	.085	2,300	25-35
6	13/64	10-32UNJF-3B	.388 .384	.212 .208	.435 .415	.230	.280	.254 .244	.085	2,750	30-40
8	17/64	1/4-28UNJF-3B	.509 .504	.276 .272	.525 .505	.290	.344	.314 .302	.090	5,000	80-95
10	21/64	5/16-24UNJF-3B	.636 .630	.340 .334	.625 .605	.315	.414	.378 .365	.095	8,300	150-200
12	25/64	3/8-24UNJF-3B	.720 .714	.403 .397	.695 .675	.355	.484	.440 .425	.095	12,700	260-360

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

**MATERIAL:** ② Collar - S30430 (302HQ) stainless steel per ASTM A493, Type XM-7, or 305 stainless steel per QQ-S-763 and AMS5686, or 303Se stainless steel per ASTM A582 (AMS5640).  
Insert - Teflon per MIL-P-19468.

**FINISH:** Collar - HST1084PB( ) = Cadmium plate per QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.  
HST1084DU( ) = Solid film lube per AS5272, Type I.  
HST1084TB( ) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292, color orange on body of collar, and cetyl alcohol lube per Hi-Shear Spec. 305.  
HST1084TF( ) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292.

**SPECIFICATION:** Hi-Lite Product Specification No. 381-1.

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

**EXAMPLES:** HST1084PB8 = 1/4-28 Hi-Lite ST sealing collar with Teflon insert and Type II cadmium plating.

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

			TITLE	DRAWING NUMBER
DRAWN	DATE	BY	<b>HI-LITE® ST™ COLLAR</b> (SEALING TYPE) STAINLESS STEEL 1/16" GRIP VARIATION, TENSION APPLICATION FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	<b>HST1084</b>
APPROVED	8-5-85	J.Rausch		
② REVISION	2-25-98	J.Henderson		