



DASH NO.	PIN NOM DIA	THREAD	A DIA	A1 DIA (REF)	B DIA	L	L1 (REF)	L2 (REF)	L3 (REF)	P	W HEX	X (REF)	X1 (REF)	UTS LBS. MIN	LOCKING TORQUE INCH-LBS	TORQUE-OFF INCH-POUNDS
5	5/32	8-32UNJC-3B	.287 .283	.325	.173 .166	.395 .375	.220	.235	.410	.253 .240	.221 .213	.085	.100	1,940	1.5-7	20-30
6	3/16	10-32UNJF-3B	.307 .303	.360	.212 .208	.415 .395	.230	.245	.430	.289 .273	.251 .244	.085	.100	2,500	2-12	25-35
8	1/4	1/4-28UNJF-3B	.412 .408	.460	.276 .272	.525 .505	.270	.285	.540	.361 .341	.314 .302	.090	.105	4,300	3.5-17	60-80

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

**MATERIAL:** Collar - 3Al-2.5V titanium alloy per AMS4943 (MIL-T-9047), or 6Al-4V titanium alloy per AMS4928, or AMS4967.  
Washer - 300 series stainless steel.

**FINISH:** Collar - HST92LJ( ) = Surface coating per Hi-Shear Spec. 306, Type II, and solid film lube per AS5272, Type I.  
HST92TA( ) = Anodize per Hi-Shear Ti-Shield III and Hi-Kote 2 solid film lube per Hi-Shear Spec. 292 and cetyl alcohol lube per Hi-Shear Spec. 305.

Washer - Passivated.

**SPECIFICATION:** Hi-Lite Product Specification 381.

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

**EXAMPLES:** HST92LJ5 = 8-32 Hi-Lite ST collar with solid film lube.  
HST92TANW5 = 8-32 Hi-Lite ST collar with Hi-Kote 2 and cetyl alcohol lube and captive passivated washer.

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.
DRAWN	5-18-83	D.P.S.	<b>HI-LITE® ST™ COLLAR</b> TITANIUM ALLOY 1/16" GRIP VARIATION SPECIAL SHEAR APPLICATION FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	<b>HST92</b>
APPROVED	6-8-83	JGWilcox		
9 REVISION	5-18-2004	J.F.Obispo		