



DASH NO.	PIN NOM DIA	THREAD	A DIA	B DIA	L	L1 (REF)	P (REF)	W HEX	Y (REF)	UTS LBS. MIN	TORQUE-OFF INCH-POUNDS
5	5/32	8-32UNJF-3B									
NOTE: USE HST1094-6											
6	13/64	10-32UNJF-3B	.355 .345	.228 .223	.435 .415	240	.280	.254 .244	.095	2,750	25-35
8	17/64	1/4-28UNJF-3B	.440 .430	.288 .283	.525 .505	.280	.344	.314 .302	.100	5,000	60-80
10	21/64	5/16-24UNJF-3B	.535 .525	.350 .345	.625 .605	.325	.414	.378 .365	.105	8,300	130-160
12	25/64	3/8-24UNJF-3B	.635 .625	.413 .407	.695 .675	.365	.484	.440 .425	.105	12,700	200-240

- 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: S30430 stainless steel per ASTM A493, Type XM-7, or 305 stainless steel per AMS-QQ-S-763 and AMS5686, or 302 stainless steel per AMS-QQ-S-763, or 303 Se stainless steel per ASTM A582 (AMS5640).

FINISH:

- HST1294(-) = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST1294DU() = Solid film lube per AS5272, Type I, plus orange identification on body of collar.
- HST1294TB() = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292 and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST1294TF() = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292.
- HST1294YL() = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292 plus yellow MIL-P-23377 identification on body of collar.

SPECIFICATION: Hi-Lite Product Specification 381.

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

EXAMPLE: HST1294-8 = 1/4-28 Hi-Lite ST collar with Type II cadmium plate.

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

			TITLE	DRAWING NO.
DATE	BY		HI-LITE® ST™ COLLAR STAINLESS STEEL 1/16 GRIP VARIATION, SHEAR APPLICATION FOR USE ON STANDARD AND 1/32" OVERSIZE HI-LITE ST PINS	HST1294
DRAWN	D.P.S.			
APPROVED	J.Rausch			
REVISION	J.Henderson			