



DASH NO.	PIN NOM DIA	THREAD	A DIA	B DIA	L	L1 (REF)				P (REF)	W HEX	X (REF)	UTS LBS. MIN	TORQUE-OFF INCH-POUNDS
5	5/32	NOTE: USE HST97-6												
6	3/16	10-32UNJF-3B	.332 .328	.228 .223	.405 .385	.230				.380	.346 .332	.095	2,500	25-35
8	1/4	1/4-28UNJF-3B	.427 .423	.288 .283	.475 .455	.270				.484	.440 .425	.100	4,300	60-80
10	5/16	5/16-24UNJF-3B	.560 .554	.350 .345	.555 .535	.315				.624	.565 .550	.105	6,300	130-160
12	3/8	3/8-24UNJF-3B	.683 .675	.413 .407	.625 .605	.355				.788	.690 .675	.105	8,700	200-240
14	7/16	7/16-20UNJF-3B	.748 .740	.476 .470	.705 .685	.405				.840	.753 .736	.110	12,100	270-330
16	1/2	1/2-20UNJF-3B	.870 .860	.538 .532	.765 .745	.435				.970	.878 .861	.110	15,300	370-430

- NOTES:**
- Go thread gage penetration shall be 3/4 of one revolution minimum.
 - Dimensions apply after finish.

MATERIAL: Collar - A-286 high temperature alloy per AMS5731, AMS5734, or AMS5736.
Washer - Type 300 series stainless steel.

3 FINISH: Collar - HST197(-) = Silver plate per AMS2410 (.0002 - .0004 thick) and cetyl alcohol lube per Hi-Shear Spec. 305.
HST197DJ() = Solid film lube per AS5272, Type I, plus green identification on body of collar.
HST197DU() = Solid film lube per AS5272, Type I, plus orange identification on body of collar per MIL-P-23377.

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: HST197DU-8 = Collar with solid film lube per AS5272, Type I, plus MIL-P-23377 orange identification on body of collar.

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 5-4-84	D.P.S.	HI-LITE® ST™ COLLAR A-286 HIGH TEMPERATURE ALLOY 1/16" GRIP VARIATION, SHEAR APPLICATION FOR USE ON 1/32" OVERSIZE HI-LITE ST PINS	HST197
APPROVED 5-7-84	E.E.B.		
3 REVISION 2-20-02	S. Kim		