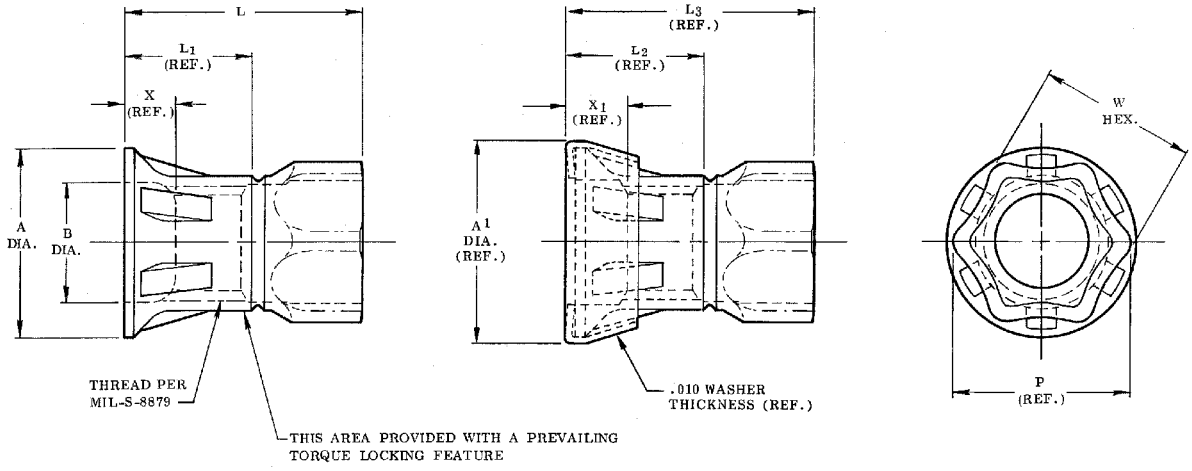
hi-shear CORPORATION
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	A1 DIA. (REF.)	B DIA.		L LENGTH	L1 (REF.)	L2 (REF.)	L3 (REF.)	P (REF.)	W HEX.	X (REF.)	X1 (REF.)	UTS LBS. MIN.	TORQUE-OFF IN.-LBS.
-5	5/32	8-32UNJC-3B	.287 .283	.325	.179 .175		.420 .380	.220	.235	.425	.280	.254 .244	.085	.098	2,180	20-30
-6	3/16	10-32UNJF-3B	.307 .303	.357	.205 .201		.425 .385	.230	.245	.430	.320	.285 .274	.085	.098	2,750	30-40
-8	1/4	1/4-28UNJF-3B	.412 .408	.457	.265 .261		.500 .460	.270	.285	.505	.380	.346 .332	.090	.103	5,000	60-80
-10	5/16	5/16-24UNJF-3B	.518 .512	.573	.330 .324		.600 .560	.315	.330	.605	.484	.440 .425	.095	.108	8,300	130-160
-12	3/8	3/8-24UNJF-3B	.628 .622	.683	.393 .387		.690 .650	.355	.370	.695	.557	.503 .488	.095	.108	12,700	270-310

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

MATERIAL: Collar - A-286 high temperature alloy per AMS5731, AMS5734, AMS5736 or AMS5737.
Washer - 300 series stainless steel.

(2) FINISH: HST1000-( ) = Collar only with dry film lubricant.
HST1000TB-( ) = Collar only with Hi-Kote 2 solid film lube per Hi-Shear Spec. 292, and cetlyl alcohol lube per Hi-Shear Spec. 305.
HST1000W-( ) = Collar with dry film lubricant, and washer is passivated.

SPECIFICATION: Hi-Lite Product Specification 381.

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

EXAMPLES: HST1000-8 = 1/4-28 Hi-Lite Six-Wing collar.
HST1000W-8 = 1/4-28 Hi-Lite Six-Wing collar with washer.

U. S. Patents 4,326,825; 4,485,510 and 4,957,501. "Hi-Lite", "Six-Wing" and "Hi-Lite ST" are registered trademarks and trademarks of Hi-Shear Corporation.

	DATE	BY	TITLE	DRAWING NUMBER
DRAWN	6-27-83	D.P.S.	HI-LITE® ST™/SIX-WING® COLLAR SPECIAL A-286 HIGH TEMPERATURE ALLOY 1/16" GRIP VARIATION – SHEAR APPLICATION	HST1000
APPROVED	6-28-83	R. Long		
(2) REVISION	5-31-91	D.P.S.		

2-1599136

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