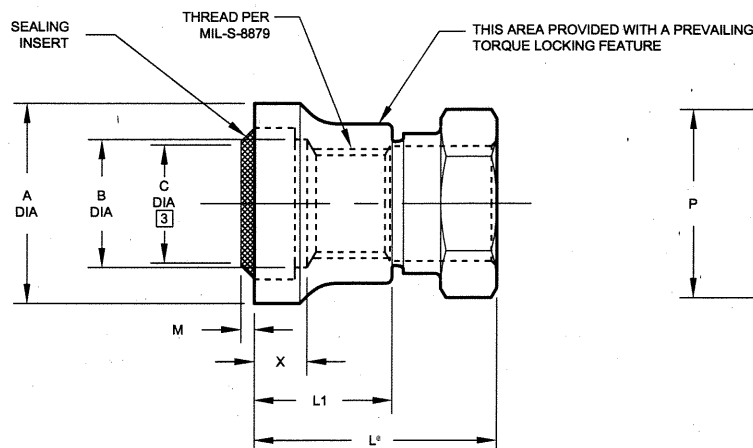


hi-shear
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HI-SHEAR CORPORATION, U.S.A. (Patent Holder) CAGE No. 73197
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AIR INDUSTRIES CO., INC., U.S.A. (Licensee - U.S.A. & Canada) CAGE No. 06725
SPS TECHNOLOGIES, U.S.A. (Licensee) CAGE No. 06878
FAIRCHILD - SIMMONDS S.A. France (Licensee) CAGE No. 92215

BLANC AERO INDUSTRIES UK LIMITED (Licensee) CAGE No. 0LB68
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BLANC AERO S.A. France (Licensee - ECC Countries)
a GFI AEROSPACE Company
TOKYO SCREW COMPANY, Japan (Licensee - Japan)



DASH NO.	PIN NOM DIA	THREAD	A DIA	B DIA	C DIA MIN	L	L1 MAX	M MAX	P (REF)	W HEX	X (REF)	UTS LBS. MIN	TORQUE-OFF INCH-POUNDS
5	5/32	8-32UNJC-3B	.352 .348	.173 .169	.164	.395 .375	.220	.045	.344	.314 .302	.085	1,400	15-25
6	3/16	10-32UNJF-3B	.388 .384	.212 .208	.188	.405 .385	.230	.045	.344	.314 .302	.085	1,600	25-35
8	1/4	1/4-28UNJF-3B	.509 .505	.276 .272	.248	.480 .460	.290	.055	.380	.346 .332	.090	3,000	60-80
10	5/16	5/16-24UNJF-3B	.636 .630	.340 .334	.310	.575 .555	.335	.055	.484	.440 .425	.095	5,000	125-145
12	3/8	3/8-24UNJF-3B	.720 .714	.403 .397	.372	.645 .625	.375	.060	.557	.503 .488	.095	7,000	200-230
14	7/16	7/16-20UNJF-3B	.861 .855	.468 .462	.435	.705 .685	.410	.060	.624	.565 .550	.100	9,500	270-330
16	1/2	1/2-20UNJF-3B	.990 .982	.533 .527	.498	.765 .745	.440	.060	.763	.690 .675	.100	12,500	370-430

- NOTES:**
1. Go thread gage penetration shall be 3/4 of one revolution minimum.
 2. Dimensions apply after finish.
 3. "C" diameter is the inner diameter of the Teflon insert.

MATERIAL:

Collar - 7075 aluminum alloy per AMS-QQ-A-225/9. (15)

Insert - Teflon per MIL-P-19468.

FINISH:

Collar - HST771-() = Anodize per MIL-A-8625, dye color green, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: Hi-Lite Product Specification 381.

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

EXAMPLE: HST771-8 = 1/4-28 Hi-Lite ST sealing collar with teflon insert.

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 10-12-83	D.P.S.	HI-LITE® ST™ COLLAR	HST771
APPROVED 10-12-83	E.E.B.	(SEALING TYPE)	
REVISION 11-02-04	J.F.Obispo	7075-T73 ALUMINUM ALLOY	
		1/16 GRIP VARIATION, SPECIAL SHEAR APPLICATION	
		FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	