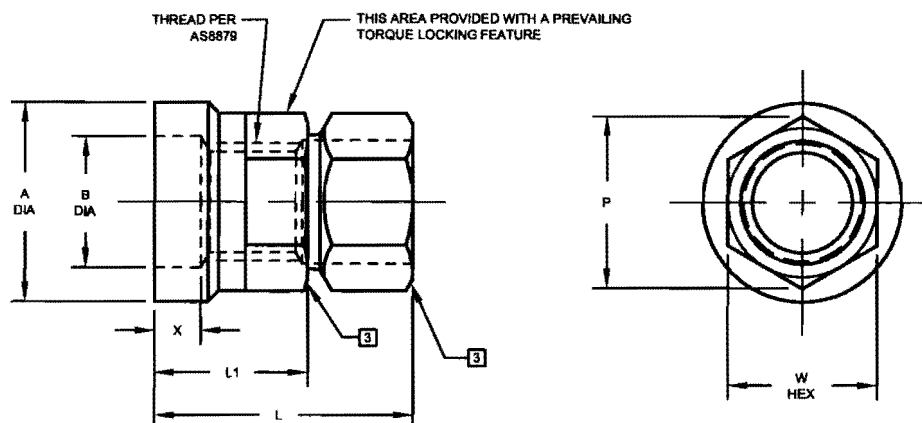




hi-shear corporation
2800 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90508 U.S.A.

HI-SHEAR CORPORATION, U.S.A. (Patent Holder) CAGE No. 73197
a LISI AEROSPACE Company
AIR INDUSTRIES CO., INC., U.S.A. (Licensee - U.S.A & Canada) CAGE No. 08725
SPS TECHNOLOGIES, U.S.A. (Licensee) CAGE No. 56878
Alcoa Fasteners Solutions SAS France (Licensee) CAGE No. F0224

HI-SHEAR FASTENERS EUROPE, LTD., U.K. (Licensee) CAGE No. 0LB68
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BLANC AERO S.A. France (Licensee - ECC Countries)
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TOKYO SCREW COMPANY, Japan (Licensee - Japan)



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-LBS
5	5/32	8-32UNJC-3B	.292 .288	.173 .166	.405 .385	.230	.248	.221 .211	.085	1,400	15-25
6	3/16	10-32UNJF-3B	.307 .303	.212 .208	.415 .395	.240	.285	.252 .241	.085	1,600	25-35
8	1/4	1/4-28UNJF-3B	.412 .408	.276 .272	.485 .465	.280	.355	.314 .302	.090	3,000	60-80
10	5/16	5/16-24UNJF-3B	.518 .512	.340 .334	.565 .545	.325	.430	.378 .365	.095	5,000	110-140
12	3/8	3/8-24UNJF-3B	.628 .622	.403 .397	.635 .615	.365	.500	.440 .428	.095	7,000	160-200
14	7/16	7/16-20UNJF-3B	.733 .727	.468 .462	.790 .770	.420	.624	.565 .550	.110	9,000	220-300
16	1/2	1/2-20UNJF-3B	.865 .855	.528 .522	.860 .840	.450	.700	.628 .613	.110	12,000	340-410

- 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: 7075 aluminum alloy per AMS-QQ-A-225/9.

HEAT TREAT: Age to T73 condition per AMS2770. ⑤

FINISH: HST1479CY() = Anodize per MIL-A-8625, dye color orange, 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: HST1479CY8 = 1/4-28 Hi-Lite ST collar with cetyl alcohol lube.

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	8-7-93	T.Craigne	HI-LITE® ST™ COLLAR	HST1479
APPROVED	6-7-93	J.G.Wilcox	ALUMINUM ALLOY	
			1/16" GRIP VARIATION, SHEAR APPLICATION	
			FOR USE ON STANDARD AND 1/64" OVERSIZE HI-LITE ST PINS	
5 REVISION	9-12-11	J.F.Obispo		