LISI AEROSPACE
hi-shear corporation
2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509 U.S.A.

HI-SHEAR Corporation, USA
a LISI AEROSPACE Company   Design Holder   CAGE No. 73197
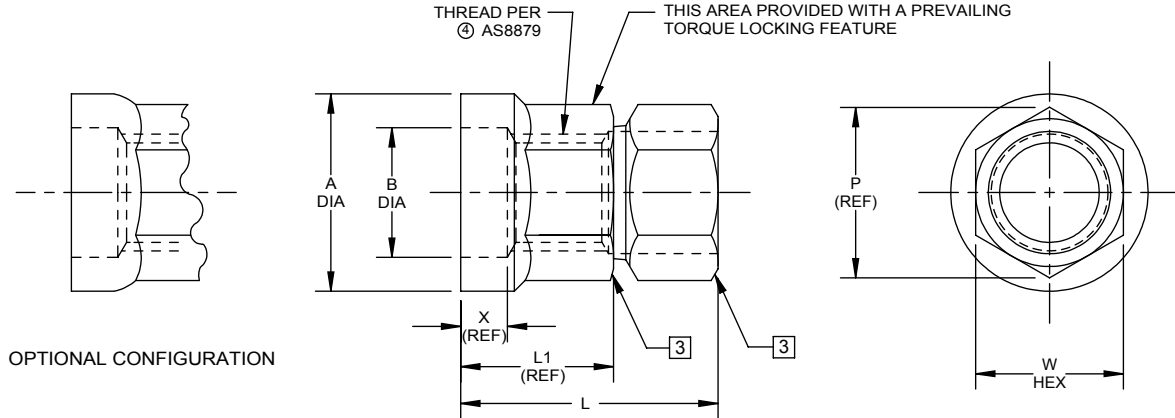
④ For the current list of licensed manufacturers, please visit the
LISI AEROSPACE website at:
HTTP://WWW.LISI-AEROSPACE.COM/LICENSES

THREAD PER ④ AS8879

THIS AREA PROVIDED WITH A PREVAILING TORQUE LOCKING FEATURE

A DIA
B DIA
X (REF)
L1 (REF)
L
P (REF)
W HEX

③ ③

OPTIONAL CONFIGURATION

④

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.
6	3/16	.1900-32 UNJF-3B	.355 .345	.228 .223	.430 .410	.255	.285	.251 .241	.095	2,750	30-40
8	1/4	.2500-28 UNJF-3B	.440 .430	.288 .283	.505 .485	.300	.355	.314 .302	.100	5,000	80-95
10	5/16	.3125-24 UNJF-3B	.535 .525	.350 .345	.590 .570	.350	.430	.377 .365	.105	8,300	150-200
12	3/8	.3750-24 UNJF-3B	.635 .625	.413 .407	.665 .645	.395	.500	.440 .428	.105	12,700	260-360
14	7/16	.4375-20 UNJF-3B	.735 .725	.476 .470	.750 .730	.450	.643	.565 .550	.110	19,000	390-480
16	1/2	.5000-20 UNJF-3B	.850 .840	.538 .532	.815 .795	.485	.715	.628 .613	.110	25,500	640-800

NOTES:
1. Go thread gage penetration shall be 3/4 of one revolution minimum after thread lock.
④ 2. Dimensions are in inches and apply after finish.
③ Burrs from cutoff process and cutting torque-off groove allowed.

MATERIAL: A-286 high temperature alloy per AMS5731.

FINISH:
HST1378-( )   = Silver plate per AMS2410 (.0002-.0004 thick) and cetyl alcohol lube per Hi-Shear Spec. 305.
HST1378DU( ) = Solid film lube per AS5272, Type I.
HST1378TF( ) = HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292.
④ HST1378HK( ) = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.

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: HST1378-8 = 1/4-28 HI-LITE™ collar with silver plate and cetyl alcohol lube.

	DATE	BY	TITLE **HI-LITE™ COLLAR** A-286 HIGH TEMPERATURE ALLOY 1/16 GRIP VARIATION - SPECIAL TENSION APPLICATION FOR USE ON STANDARD AND 1/32 OVERSIZE HI-LITE™ PINS	DRAWING NO.
DRAWN	1985-03-07	D.P.S.		**HST1378**
APPROVED	1985-03-08	J.RAUSCH		
④ REVISION	2017-08-22	M.BEARD		1 of 1