2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509 U.S.A.

HI-SHEAR Corporation, USA a LISI AEROSPACE Company

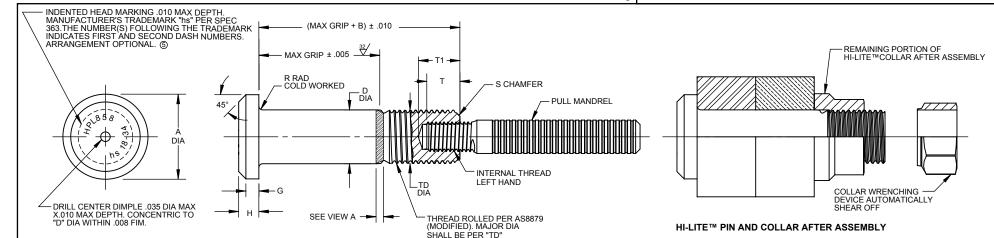
(5)

Design Holder

CAGE No. 73197

For the current list of licensed manufacturers, please visit the LISI AEROSPACE website at:

HTTP://WWW.LISI-AEROSPACE.COM/LICENSES



										(5)							
FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA	TD DIA	G REF	н	R RAD	S CHAMFER REF	THREAD MODIFIED			INTERNAL THREAD LEFT HAND	5	DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM	TENSION- TENSION FATIGUE POUNDS
											T MIN	T1 MAX	THREAD SIZE UNJF-2B	LOAD MAX			
18	37/64	.877 .842	.770	.5771 .5761	.5550 .5500	.125	.210 .200	.040 .025	1/16 x 37°	.5625-18 UNJF-3A	.280	.456	.3125-24	11,500	49,700	32,400	11,340
20	41/64	.953 .918	.825	.6396 .6386	.6180 .6120	.140	.238 .228	.040 .025	1/16 x 37°	.6250-18 UNJF-3A	.280	.456	.3125-24	11,500	61,000	41,000	14,350
24	49/64	1.150 1.110	1.050	.7646 .7636	.7430 .7370	.200	.335 .320	.045 030	1/16 x 37°	.7500-16 UNJF-3A	.305	.480	.3750-24	18,000	82,600	59,500	20,830
28	57/64	1.330 1.290	1.210	.8896 .8886	.8680 .8610	.250	.385 .370	.050 .035	5/64 x 37°	.8750-14 UNJF-3A	.325	.500	.3750-24	21,600	111,900	72,400	25,300
32	1-1/64	1.510	1.390	1.0146		.300	.435	.060	5/64 x 37°	1.000-12 UNJF-3A	.380	.575	.3750-24	21,600	145,500	93,500	32,700

SEE COLLAR STANDARDS FOR COLLAR STRENGTHS. LOWER STRENGTH (PIN OR COLLAR) DETERMINES SYSTEM STRENGTH.

THIS AREA OF SPECIAL CONFIGURATION AND COLD WORKING TO MEET PHYSICAL



- GENERAL NOTES: 1. Concentricity: "A" to "D" diameter within .010 FIM. 2. Dimensions in inches and to be met after finish.
 - ⑤ 3. Surface texture per ASME B46.1.
 - 4. Hole preparation per NAS618.
 - [5] The maximum allowable installation load must not exceed the maximum load values in table or thread/mandrel failure may occur.
 - 6. Use HPL958 for oversize replacement.

(5)

⑤ 7 After February, 21st of 2015, HI-KOTE™ 1 aluminum pigmented coating per Hi-Shear Spec. 294 will be replaced by REACH compliant HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 on fasteners coated in European Union.

MATERIAL: 6Al-4V titanium alloy per AMS4928, AMS4967 or British Standard 2TA 28.

HEAT TREAT: 160,000 psi tensile minimum and 95,000 psi shear minimum for sizes up to 3/4. 150,000 psi tensile and 90,000 psi shear minimum for 7/8 and larger.

FINISH: ⑤ 7 HPL858AP()-() = HI-KOTE™ 1 aluminum coating per Hi-Shear Spec. 294, and cetyl alcohol lube per Hi-Shear Spec. 305.

HPL858BM()-() = HI-KOTE™ 1 NC aluminum coating per Hi-Shear Spec. 294, with color white on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.

HI-LITE™ PIN

SPECIFICATION: HI-LITE™ Product Specification 391, except fatigue loads as tabulated. CODE: First dash number indicates nominal diameter in 1/32nds of the pin

which HPL858 oversize pin replaces. Second dash number indicates maximum grip in 1/16ths.

See "Finish" note for explanation of code letters.

VIEW A

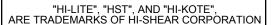
HI-LITE™ THREAD TRANSITION AREA. THIS AREA OF SPECIAL CONFIGURATION.

HOW TO ORDER

⑤ EXAMPLE: Pin Part Number HPL858BM18-34

34/16 or 17/8 Maximum Grip Length - 18/32 or 9/16 Nominal Diameter Pin

Finish Code Pin Basic Part Number



DRAWN BY	DATE	ı
J.F.OBISPO	1998-11-18	
APPROVED	DATE	1
E.E.B.	1998-12-15	
REVISION	DATE	г

HI-LITE™ PIN PROTRUDING TENSION HEAD 6AL-4V TITANIUM ALLOY SPECIAL THREAD 1/16 GRIP VARIATION, 1/64 OVERSIZE

F.CARINGELL 2017-12-11

HPL858

1 OF 1