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

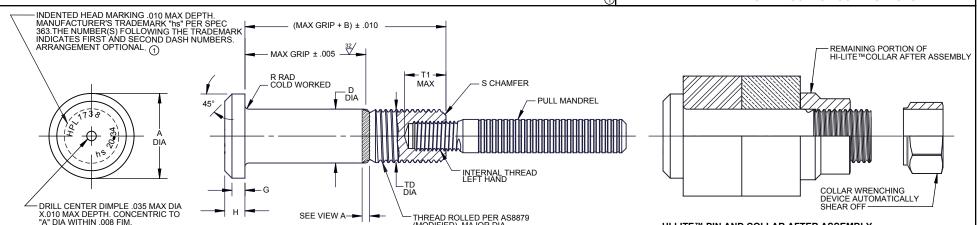
HI-SHEAR Corporation, USA a LISI AEROSPACE Company

Design Holder

CAGE No. 73197

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(MODIFIED). MAJOR DIA

SHALL BE PER "TD"

HI-LITE™ PIN

HI-LITE™ PIN AND COLLAR AFTER ASSEMBLY

0																
FIRST DASH	PIN NOM	1 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	TENSION	TENSION- TENSION FATIGUE
NO.	DIA										T1 MAX	THREAD SIZE UNJF-2B	LOAD MAX	POUNDS MINIMUM	POUNDS MINIMUM	POUNDS
20	11/16	.995 .960	.935	.6865 .6855	.6180 .6120	.140	.238 .228	.040 .025	1/16" x 45°	.6250-18 UNJF-3A	.520	3/8-SP	14,200	92,900	44,800	16,600
24	13/16	1.206 1.166	1.125	.8115 .8105	.7430 .7370	.200	.335 .320	.045 030	1/16" x 45°	.7500-16 UNJF-3A	.625	7/16-SP	19,100	129,800	75,500	27,900
28	15/16	1.372 1.331	1.315	.9365 .9355	.8680 .8610	.250	.385 .370	.050 .035	5/64" x 45°	.8750-14 UNJF-3A	.725	1/2-SP	31,500	172,600	101,800	37,700
32	17/16	1.552 1.512	1.500	1.0615 1.0605		.300	.435 .420	.060 .045	5/64" x 45°	1.0000-12 UNJF-3A	.830	9/16-SP	38,200	220,200	132,100	48,900

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 REQUIREMENTS.



VIEW A

HI-LITE™ THREAD TRANSITION AREA.

THIS AREA OF SPECIAL CONFIGURATION.

GENERAL NOTES: 1. Concentricity: "A" to "D" diameter within .010 FIM.

2. Dimensions in inches and to be met after finish.

1 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. Oversize replacement for HPL738, HPL838 and HPL938.

HOW TO ORDER

1 EXAMPLE:

CODE:

MATERIAL: Nickel Base Alloy per AMS5662 **HEAT TREAT:** 125,000 psi shear minimum.

> FINISH: HPL1738BP()-() = HI-KOTE™ 1 NC aluminum coating per Hi-Shear Spec. 294, with color blue on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: HI-LITE™ Product Specification 391, except fatigue loads as tabulated.

Pin Part Number HPL1738BP20-34 -34/16 or 17/8 Maximum Grip Length -20/32 or 11/16 Nominal Diameter Pin

Second dash number indicates maximum grip in 1/16ths.

See "Finish" note for explanation of code letters.

which HPL1738 oversize pin replaces.

Finish Code

Pin Basic Part Number

First dash number indicates nominal diameter in 1/32nds of the pin

"HI-LITE". "HPL". AND "HI-KOTE". ARE TRADEMARKS OF HI-SHEAR CORPÓRATION

DRAWN BY DATE J.F. OBISPO 2004-03-15 APPROVED DATE M. CAWLEY 2004-03-15 K. TRAN

TITLE HI-LITE™ PIN PROTRUDING TENSION HEAD NICKEL BASE ALLOY (INCONEL 718) 1/16 GRIP VARIATION, 1/16 OVERSIZE SPECIAL HIGH INTERFERENCE FIT

HPL1738 1 OF 1