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

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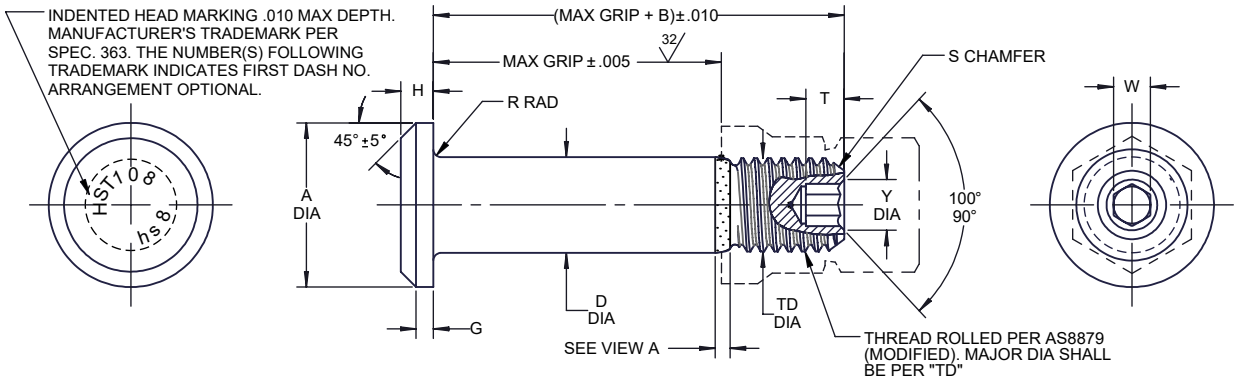
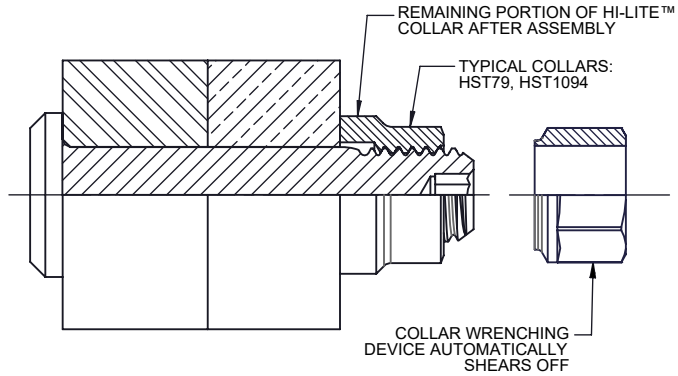
HTTP://WWW.LISI-AEROSPACE.COM/LICENSES



HI-LITE™ PIN



HI-LITE™ PIN AND COLLAR AFTER ASSEMBLY

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

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA [5] WITHOUT COATING OR SOLID FILM LUBE	D DIA [5] AFTER COATING OR SOLID FILM LUBE	TD DIA	G REF	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET W HEX	SOCKET T DEPTH	SOCKET Y DIA	DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
5	5/32	.262 .242	.280	.1635 .1630	.1635 .1625	.1595 .1570	.020	.047 .037	.025 .015	1/32 x37°	.1640-32 UNJC-3A	.0801 .0791	.100 .080	[6]	4,010	1,940

[5] GENERAL NOTES:
1. Concentricity: "A" to "D" diameter within .010 FIM.
2. Dimensions are in inches and to be met after finish.
3. Surface texture per ASME B46.1.
4. Hole preparation per NAS618.

[5] Maximum "D" diameter may be increased by .0002 to allow for solid film or aluminum coating application.

[6] Evidence of broken edge across points.

MATERIAL: 6AL-4V titanium alloy per AMS4928 or AMS4967.

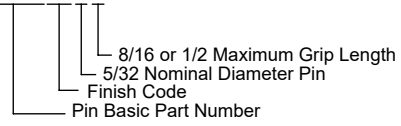
HEAT TREAT: 95,000 psi shear minimum.

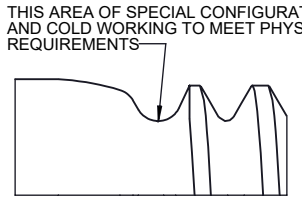
FINISH:
HST108-( )-( ) = Cetyl alcohol lube per Hi-Shear Spec. 305.
HST108AG( )-( ) = HI-KOTE™ 1 or HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294, with color orange on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
[5] HST108CT( )-( ) = Color orange on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305
HST108RP( )-( ) = Phosphate fluoride treat with color orange on thread end, and cetyl alcohol lube lube per Hi-Shear Spec. 305.
HST108RS( )-( ) = Phosphate fluoride treat, solid film lube per AS5272, Type I, and color orange on thread end.

SPECIFICATION: HI-LITE™ Specification 380.

CODE: First dash number indicates nominal diameter in 1/32nds.
Second dash number indicates maximum grip in 1/16ths.
See Finish note for explanation of code letters.

HOW TO ORDER EXAMPLE: Pin Part Number HST108AG5-8





VIEW A

HI-LITE™ THREAD TRANSITION AREA
SEE SPECIFICATION FOR INSPECTION

"HI-LITE", "HST", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION

DRAWN BY	DATE	TITLE
J.F. OBISPO	1991-12-11	HI-LITE™ PIN PROTRUDING SHEAR HEAD TITANIUM 1/16 GRIP VARIATION
APPROVED A. BROWN	DATE 1992-03-26	
REVISION 5	DATE C. Artos 2024-1-05	DRAWING NUMBER **HST108** 1 OF 1

HST108