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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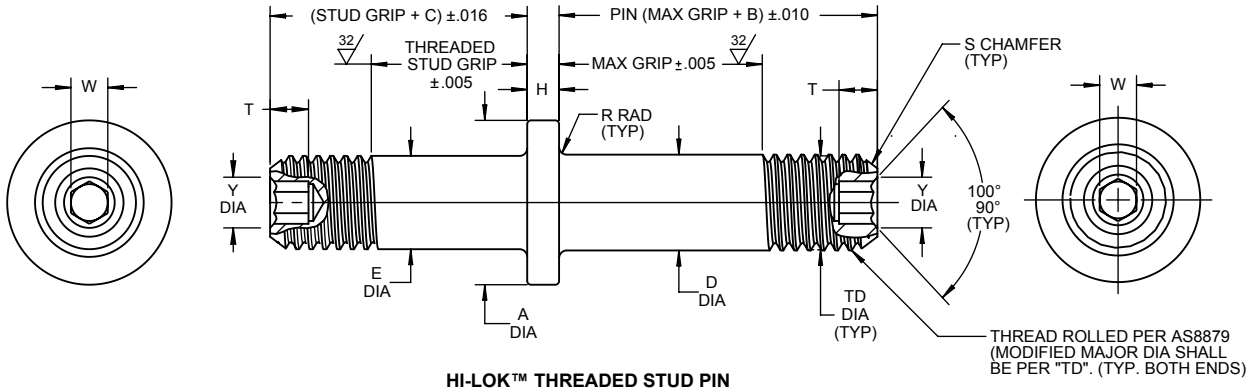

HI-LOK™ THREADED STUD PIN

PIN END DIMENSIONS ②

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA WITHOUT COATING	D DIA WITH COATING	TD DIA	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET W HEX	SOCKET T DEPTH	SOCKET Y DIA	DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
6	13/64	.377 .357	.325	.2026 .2021	.2026 .2016	.1840 .1810	.074 .064	.025 .015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	6,130	3,180
8	17/64	.440 .415	.395	.2651 .2646	.2651 .2641	.2440 .2410	.087 .077	.025 .015	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	10,490	5,820
10	21/64	.505 .472	.500	.3276 .3271	.3276 .3266	.3060 .3020	.108 .098	.030 .020	1/64 x 37°	.3125-24 UNF-3A	.1295 .1270	.130 .110	.180 .160	16,000	9,200

STUD END DIMENSIONS ②

FIRST DASH NO.	STUD END NOM DIA	C REF	E DIA WITHOUT COATING	E DIA WITH COATING	TD DIA	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET W HEX	SOCKET T DEPTH	SOCKET Y DIA	DOUBLE SHEAR POUNDS MINIMUM
6	5/32	.312	.1635 .1630	.1635 .1625	.1595 .1570	.025 .015	1/32 x 37°	.1640-32 UNJC-3A	.0645 .0635	.100 .080	.090 .075	4,010
8	3/16	.325	.1895 .1890	.1895 .1885	.1840 .1810	.025 .015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	5,380
10	1/4	.395	.2495 .2490	.2495 .2485	.2440 .2410	.030 .020	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	9,300

GENERAL NOTES:
1. Concentricity: "A" to "D" diameter within .010 FIM. Threaded stud to "D" diameter within .005 FIM.
② 2. Dimensions are in inches and to be met after finish where applicable.
② 3. Surface texture per ASME B46.1.
4. Hole preparation per NAS618.
5. Use HL942 for oversize replacement.
6 After February, 21st of 2015, HI-KOTE™ 1 aluminum pigmented coating 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 or AMS4967.

HEAT TREAT: 160,000 psi tensile minimum(95,000 psi shear minimum).

FINISH: HL924-( )-( )-( ) = Cetyl alcohol lube per Hi-Shear Spec. 305.

6 HL924AP( )-( ) = HI-KOTE™ 1 aluminum pigmented coating per Hi-Shear Spec. 294, cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: HI-LOK™ Product Specification 342.

CODE: First dash number indicates nominal diameter of the pin in 1/32nds which HL924 oversize pin replaces
Second dash number indicates pin maximum grip in 1/16ths.
Third dash number indicates threaded stud grip in 1/16ths.
See Finish note for explanation of code letters.

HOW TO ORDER
② **EXAMPLE:** Threaded Stud Pin Part Number
HL924AP8-8-8
- 8/16 or 1/2 Threaded Stud Maximum Grip Lengh
- 8/16 or 1/2 Maximum Grip, Pin End
- 3/16 Nominal Diameter, Pin End (Stud End Diameter is 3/16)
- Finish Code
- Pin Basic Part Number

"HI-LOK", "HL", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION

DRAWN BY	DATE	TITLE
J. F. O.	1995-05-22	HI-LOK™ THREADED STUD PIN PROTRUDING HEAD TITANIUM ALLOY STUD END SMALLER THAN PIN END 1/16 GRIP VARIATION,1/64 OVERSIZE
APPROVED	DATE	
M. CAWLEY	1995-05-23	
REVISION	DATE	DRAWING NUMBER
② KEVIN TRAN	2017-08-02	HL924 1 OF 1

HL924