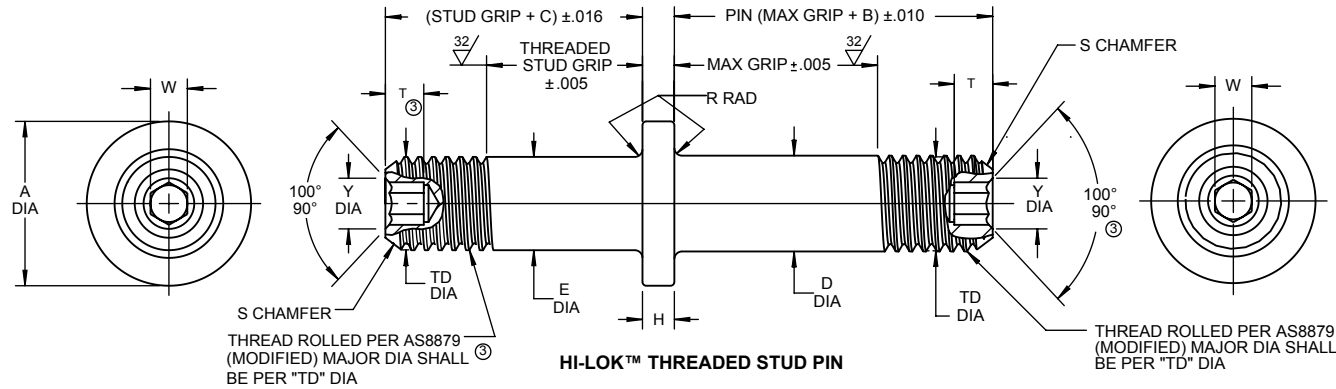




HI-LOK™ THREADED STUD PIN

PIN END DIMENSIONS

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
				WITHOUT COATING	WITH COATING						W HEX	T DEPTH	Y DIA		
6	3/16	.377 .357	.325	.1895 .1890	.1895 .1885	.1840 .1810	.074 .064	.025 .015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	5,380	3,180
8	1/4	.440 .415	.395	.2495 .2490	.2495 .2485	.2440 .2410	.087 .077	.025 .015	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	9,300	5,820
10	5/16	.505 .472	.500	.3120 .3115	.3120 .3110	.3060 .3020	.108 .098	.030 .020	3/64 x 37°	.3125-24 UNF-3A	.1295 .1270	.130 .110	.180 .160	14,600	9,200

STUD END DIMENSIONS

FIRST DASH NO.	STUD END NOM DIA	C REF	E DIA		TD DIA	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM
			WITHOUT COATING	WITH COATING					W HEX	T DEPTH	Y DIA	
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:**
- Concentricity: "A" to "D" diameter within .010 FIM.
 - Threaded stud to "D" diameter within .005 FIM.
 - Dimensions are in inches and to be met after finish where applicable.
 - Surface texture per ASME B46.1.
 - Hole preparation per NAS618.
 - Use HL924 for oversize replacement.
 - 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: HL834-(-)(-)(-) = Cetyl alcohol lube per Hi-Shear Spec. 305.

[6] HL834AP(-)(-) = 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 end in 1/32nds.
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

③ **EXAMPLE:** Threaded Stud Pin Part Number

HL834AP 8-8-8

8/16 or 1/2 Threaded Stud
Maximum Grip Length
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 D.P.S	DATE 1985-08-08	TITLE HI-LOK™ THREADED STUD PIN PROTRUDING HEAD TITANIUM ALLOY STUD END SMALLER THAN PIN END 1/16 GRIP VARIATION
APPROVED J.G. WILCOX	DATE 1985-08-12	
REVISION 3	DATE F.CARINGELLA 2018-01-08	DRAWING NUMBER HL834