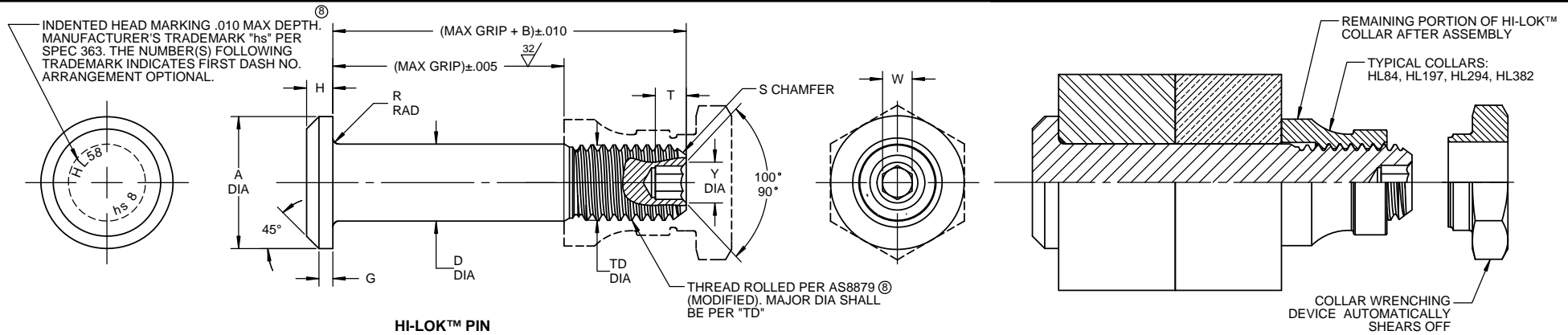


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HI-LOK™ PIN

HI-LOK™ PIN AND COLLAR AFTER ASSEMBLY

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	G REF	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
				WITHOUT SOLID FILM LUBE	WITH SOLID FILM LUBE							W HEX	T DEPTH	Y DIA		
5	13/64			NOTE: Use HL66-6												
6	7/32	.315 .295	.325	.2182 .2177	.2182 .2172	.1840 .1810	.025	.055 .045	.025 .015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.135 .115	.119 .104	9,400	3,000
8	9/32	.412 .387	.395	.2807 .2802	.2807 .2797	.2440 .2410	.030	.069 .059	.025 .015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.150 .130	.142 .122	15,500	5,100
10	11/32	.505 .475	.500	.3432 .3427	.3432 .3422	.3060 .3020	.035	.078 .068	.030 .020	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.170 .150	.180 .160	23,200	8,000
12	13/32	.600 .565	.545	.4057 .4052	.4057 .4047	.3680 .3640	.040	.088 .078	.030 .020	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.200 .180	.217 .197	32,400	11,300
14	15/32	.676 .641	.635	.4682 .4677	.4682 .4672	.4310 .4260	.045	.105 .093	.030 .020	3/64 x 45°	.4375-20 UNJF-3A	.1930 .1895	.230 .210	.253 .233	43,100	15,500
16	17/32	.770 .735	.685	.5307 .5302	.5307 .5297	.4930 .4880	.050	.115 .103	.030 .020	3/64 x 45°	.5000-20 UNJF-3A	.2242 .2207	.260 .240	.289 .269	55,400	20,000

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

MATERIAL: ② Type 431 stainless steel per AMS5628.

HEAT TREAT: 125,000 psi shear minimum.

FINISH: HL58-()-() = Passivate per Hi-Shear Spec. 258 and cetyl alcohol lube per Hi-Shear Spec. 305.
② HL58D-()-() = Solid film lube per Spec. AS5272.
HL58K-()-() = Solid film lube per "LUBECO" 905.

SPECIFICATION: HI-LOK™ Product Specification 342.

CODE: First dash number indicates nominal diameter in 1/32nds which HL58 oversize pin replaces.
Second dash number indicates maximum grip in 1/16ths. See "Finish" note for explanation of code letters.

HOW TO ORDER

② EXAMPLE:

Pin Part Number
HL58D-8-8
8/16 or 1/2 Maximum Grip Length
Replaces 8/32 or 1/4 Nominal Diameter Pin
Finish Code
Pin Basic Part Number

Pin and Collar Assembly Part Number Combination
HL5884-8-8

Size and Grip Length, See Above Example
Collar Part Number
Pin Part Number

* * The Double Shear values shown are based on cross sectional area for nominal diameter pin.

"HI-LOK", "HL", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION			
DRAWN BY D.M.B.	DATE 1962-08-02	TITLE HI-LOK™ PIN PROTRUDING SHEAR HEAD TYPE 431 STAINLESS STEEL 1/16 GRIP VARIATION, 1/32 OVERSIZE	
APPROVED CESSNA	DATE 1962-08-02		
REVISION ⑧	DATE M.BEARD 2017-11-14	DRAWING NUMBER HL58	