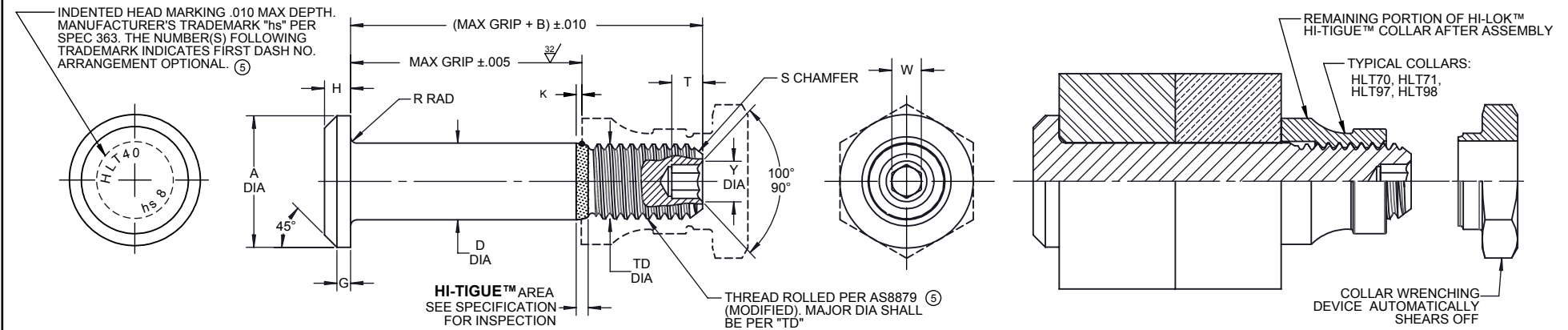




HI-LOK™ HI-TIGUE™ PIN

5

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	G REF	H	K REF	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
				WITHOUT HI-KOTE™ LUBE	WITH HI-KOTE™ LUBE								W HEX	T DEPTH	Y DIA		
5	5/32	.262 .242	.312	.1640 .1635	.1640 .1630	.1595 .1570	.020	.047 .037	.013	.025 .015	1/32 x 45°	.1640-32 UNJC-3A	.0645 .0635	.100 .080	.090 .075	4,010	1,940
6	3/16	.315 .295	.325	.1895 .1890	.1895 .1885	.1840 .1810	.025	.055 .045	.016	.025 .015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	5,380	2,500
8	1/4	.412 .387	.395	.2495 .2490	.2495 .2485	.2440 .2410	.030	.069 .059	.021	.025 .015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	9,300	4,300
10	5/16	.505 .475	.500	.3120 .3115	.3120 .3110	.3060 .3020	.035	.078 .068	.026	.030 .020	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.180 .160	14,600	6,300
12	3/8	.600 .565	.545	.3745 .3740	.3745 .3735	.3680 .3640	.040	.088 .078	.030	.030 .020	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.217 .197	21,000	8,700
14	7/16	.676 .641	.635	.4370 .4365	.4370 .4360	.4310 .4260	.045	.105 .093	.035	.030 .020	3/64 x 45°	.4375-20 UNJF-3A	.1930 .1895	.190 .170	.253 .233	28,600	12,100
16	1/2	.770 .735	.685	.4995 .4990	.4995 .4985	.4930 .4880	.050	.116 .103	.039	.030 .020	3/64 x 45°	.5000-20 UNJF-3A	.2242 .2207	.220 .200	.289 .269	37,300	15,300
18	9/16	.864 .829	.770	.5615 .5610	.5615 .5605	.5550 .5500	.055	.127 .112	.039	.040 .025	1/16 x 45°	.5625-18 UNJF-3A	.2555 .2520	.260 .240	.326 .306	47,200	19,000

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

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

5 2. Surface texture per ASME B46.1.

3. Hole preparation per NAS618.

4. Use HLT140 for oversize replacement.

5 5. Dimensions are in inches.

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

HOW TO ORDER

5 **EXAMPLE:** Pin Part Number
HLT40TB-8-8

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

Pin and Collar Assembly Part Number Combination
HLT4070-8-8

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

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

DRAWN BY VAN	DATE 1971-01-11	TITLE HI-LOK™ HI-TIGUE™ PIN PROTRUDING SHEAR HEAD A-286 HIGH TEMPERATURE ALLOY 1/16 GRIP VARIATION
APPROVED JG WILCOX	DATE 1971-01-11	
REVISION 5	DATE K. TRAN 2017-11-16	DRAWING NUMBER HLT40

SPECIFICATION: HI-LOK™ HI-TIGUE™ Product Specification 342.

MATERIAL: A-286 high temperature alloy per AMS5731 or AMS5737.

HEAT TREAT: 95,000 psi shear minimum at 70°F.

FINISH: HLT40-()-() = Passivate per Hi-Shear Spec. 258 and cetyl alcohol lube per Hi-Shear Spec. 305.

5 HLT40DL-()-() = Solid film lube per AS5272, Type I, and cetyl alcohol lube per Hi-Shear Spec. 305.

HLT40TB-()-() = HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292 cetyl alcohol lube per Hi-Shear Spec. 305.

5 HLT40HK-()-() = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.