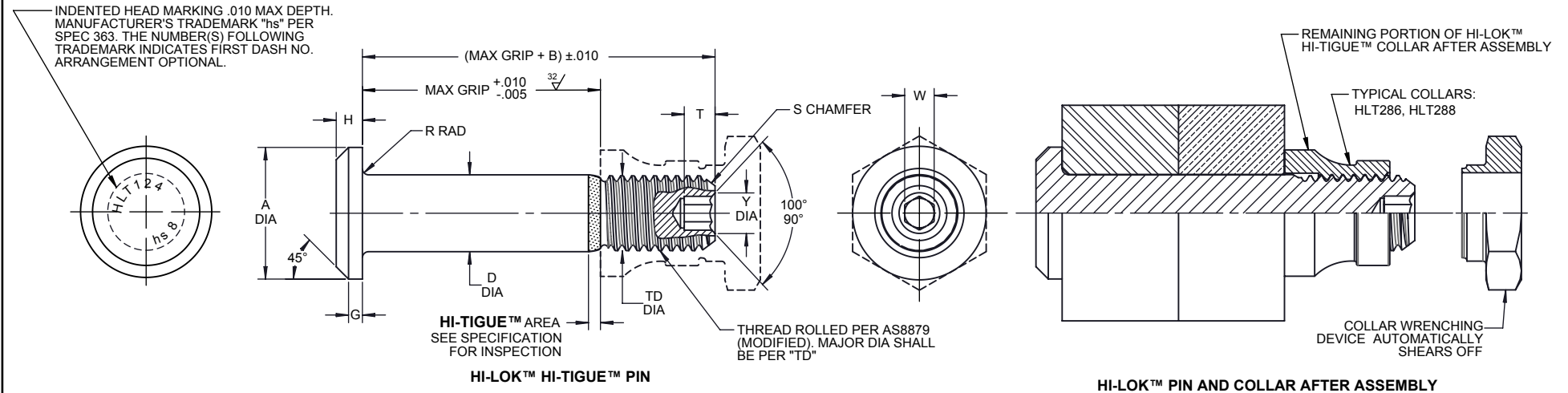




(10)															(10)	
FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA	TD DIA	G REF	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS	
											W HEX	T DEPTH	Y DIA			
5	3/16					NOTE: USE HLT116-6()										
6	13/64	.315 .295	.360	.2026 .2016	.1840 .1810	.055	.074 .064	.025 .015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	6,970	4,980 3,850	
8	17/64	.412 .387	.435	.2651 .2641	.2440 .2410	.065	.090 .080	.025 .015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	11,920	8,890 6,550	
10	21/64	.505 .475	.545	.3276 .3266	.3060 .3020	.065	.112 .102	.030 .020	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.180 .160	18,200	14,080 10,350	
12	25/64	.600 .565	.590	.3901 .3891	.3680 .3640	.075	.140 .130	.030 .020	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.217 .197	25,800	20,930 15,750	
14	29/64	.676 .641	.690	.4526 .4516	.4310 .4260	.095	.160 .150	.030 .020	3/64 x 45°	.4375-20 UNJF-3A	.1930 .1895	.190 .170	.253 .233	34,800	28,340 21,200	
16	33/64	.770 .735	.740	.5151 .5141	.4930 .4880	.095	.188 .178	.030 .020	3/64 x 45°	.5000-20 UNJF-3A	.2242 .2207	.220 .200	.289 .269	45,000	37,780 28,800	
18	37/64	.864 .829	.825	.5771 .5761	.5550 .5500	.125	.210 .200	.040 .025	1/16 x 45°	.5625-18 UNJF-3A	.2555 .2520	.260 .240	.326 .306	56,500	47,880 36,400	
20	41/64	.953 .918	.890	.6396 .6386	.6180 .6120	.140	.238 .228	.040 .025	1/16 x 45°	.6250-18 UNJF-3A	.2555 .2520	.260 .240	.326 .306	69,300	59,930 46,100	

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

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

DRAWN BY D.P.S.	DATE 1977-03-09	TITLE HI-LOK™ HI-TIGUE™ PIN PROTRUDING SPECIAL HEAD ALLOY STEEL 1/16 GRIP VARIATION, 1/64 OVERSIZE
APPROVED R.TING	DATE 1977-03-09	
REVISION 10	DATE F.CARINGELLA 2018-10-29	DRAWING NUMBER HLT124

GENERAL NOTES:

1. Concentricity: "A" to "D" diameter within .010 FIM.
2. Dimensions are in inches and to be met after plating.
3. Surface texture per ASME B46.1.
4. Hole preparation per NAS618.
5. Use HLT128 for oversize replacement.

MATERIAL: Alloy steel per AMS6415, AMS6349 or AMS-S-6049, .

HEAT TREAT: 180,000-215,000 psi tensile per AMS-H-6875.

FINISH:

HLT124-()-() = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.

HLT124BJ()-() = I.V.D. aluminum coating per MIL-DTL-83488, Type II, Class 3, and cetyl alcohol lube per Hi-Shear Spec. 305.

HLT124TB()-() = Cadmium plate per AMS-QQ-P-416, Type III, Class 2, and HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: HI-LOK™ HI-TIGUE™ Product Specification 352.

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
 HLT124TB8-8

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

HLT124

DRAWING NUMBER

HLT124

2 OF 2