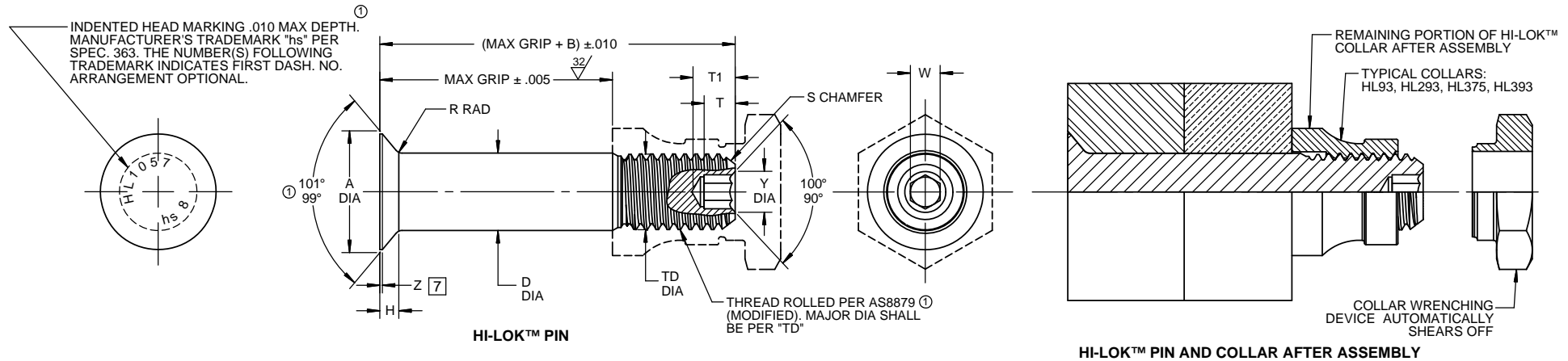


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①																	
FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA	TD DIA	F	H	R RAD	Z MAX	S CHAMFER REF	THREAD MODIFIED	SOCKET				DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
												W HEX	T DEPTH	T1 DEPTH MAX	Y DIA		
						NOTE: USE HL1053-6-()											
6	7/32	.3813 .3765	.325	.2182 .2172	.1840 .1810	.005	.0684 .0664	.030 .020	.015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.140	.119 .104	7,100	3,180
8	9/32	.5066 .5018	.395	.2807 .2797	.2440 .2410	.006	.0948 .0928	.030 .020	.015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.160	.142 .122	11,800	5,820
10	11/32	.6335 .6287	.500	.3432 .3422	.3060 .3020	.007	.1218 .1198	.040 .030	.015	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.200	.180 .160	17,600	9,200
12	13/32	.7604 .7556	.545	.4057 .4047	.3680 .3640	.008	.1488 .1468	.040 .030	.015	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.235	.217 .197	24,600	14,000
14	15/32	.8884 .8812	.635	.4682 .4672	.4310 .4260	.009	.1763 .1733	.050 .040	.022	3/64 x 45°	.4375-20 UNJF-3A	.1930 .1895	.190 .170	.280	.253 .233	32,700	18,900
16	17/32	1.0139 1.0068	.685	.5307 .5297	.4930 .4880	.010	.2027 .1997	.050 .040	.022	3/64 x 45°	.5000-20 UNJF-3A	.2242 .2207	.220 .200	.320	.289 .269	42,000	25,600

- GENERAL NOTES:**
- Head edge out of roundness shall not exceed "F".
 - Concentricity: Conical surface of head to "D" diameter within .003 FIM.
 - "H" is dimensioned from maximum "D" diameter.
 - Dimensions are in inches and to be met after finish.
 - Surface texture per ASME B46.1.
 - Hole preparation per NAS618.
 - Curved or flat edge manufacturer's option.
 - Oversize replacement for HL1051 and HL1053.

MATERIAL: ① Alloy steel per AMS6415, AMS6322, AMS6382.

HEAT TREAT: 160,000-180,000 psi tensile per AMS-H-6875.

FINISH: HL1057PB(-) = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: HI-LOK™ Product Specification 342.

CODE: First dash number indicates nominal diameter in 1/32nds of the pin which HL1057 oversize pin replaces.
Second dash number indicates maximum grip in 1/16ths.
See Finish note for explanation of code letters.

HOW TO ORDER
① **EXAMPLE:**

Pin Part Number
HL1057PB8-8
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
HL1057PB93-8-8
Size and Grip Length, See Above Example
Collar Part Number
Pin Finish
Pin Basic Part Number

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

"HI-LOK", "HL", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION			
DRAWN BY J.F.OBISPO		DATE 2003-10-23	
APPROVED M.CAWLEY		DATE 2003-10-23	
REVISION ①		DATE 2017-08-07	
TITLE HI-LOK™ PIN		100° FLUSH MS24694 TENSION HEAD ALLOY STEEL 1/16 GRIP VARIATION, 1/32 OVERSIZE	
DRAWING NUMBER HL1057		1 OF 1	