2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509 U.S.A.

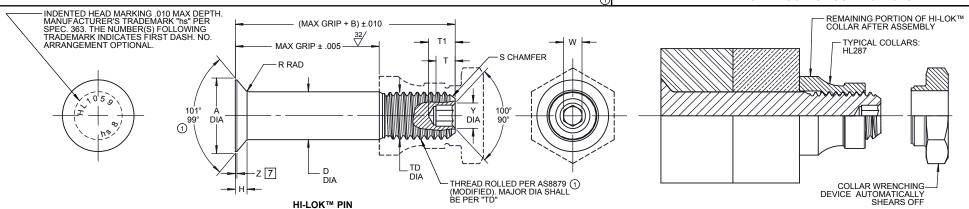
HI-SHEAR Corporation, USA a LISI AEROSPACE Company

Design Holder

CAGE No. 73197

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HI-LOK™ PIN AND COLLAR AFTER ASSEMBLY

						1			7		1						
FIRST	PIN							_	_	S		SOCKET				DOUBLE	TENSION
DASH NO.		<b>A</b> DIA	<b>B</b> REF	<b>D</b> DIA	T <b>D</b> DIA	F	н		<b>Z</b> MAX	CHAMFER REF	THREAD MODIFIED	<b>W</b> HEX	<b>T</b> DEPTH	T1 DEPTH MAX	<b>Y</b> DIA	SHEAR POUNDS MINIMUM	POUNDS MINIMUM
							NOTE: USE HL1057-6-( )										
6	15/64	.3813 .3765	.360	.2339 .2329	.1840 .1810	.005	.0618 .0598	.030 .020	.015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.140	.119 .104	8,160	3,180
8	19/64	.5066 .5018	.430	.2963 .2953	.2440 .2410	.006	.0882 .0862	.030 .020	.015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.160	.142 .122	13,100	5,820
10	23/64	.6335 .6287	.530	.3589 .3579	.3060 .3020	.007	.1152 .1132	.040 .030	.015	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.200	.180 .160	19,200	9,200
12	27/64	.7604 .7556	.575	.4214 .4204	.3680 .3640	.008	.1422 .1402	.040 .030	.015	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.235	.217 .197	26,500	14,000
14	31/64	.8884 .8812	.660	.4839 .4829	.4310 .4260	.009	.1697 .1667	.050 .040	.022	3/64 x 45°	.4375-20 UNJF-3A	.1930 .1895	.190 .170	.280	.253 .233	34,900	18,900
16	35/64	1.0139 1.0068	.710	.5464 .5454	.4930 .4880	.010	.1961 .1931	.050 .040	.022	3/64 x 45°	.5000-20 UNJF-3A	.2242 .2207	.220 .200	.320	.289 .269	44,600	25,600

**HOW TO ORDER** 

① EXAMPLE:

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

GENERAL NOTES: 1 Head edge out of roundness shall not exceed "F".

2. Concentricity: Conical surface of head to "D" diameter within .003 FIM.

3. "H" is dimensioned from maximum "D" diameter.

(1) 4. Dimensions are in inches and to be met after finish.

Surface texture per ASME B46.1.

6. Hole preparation per NAS618.

7 Curved or flat edge manufacturer's option.

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

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

FINISH: HL1059PB()-() = 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 HL1059 oversize pin replaces.

Second dash number indicates maximum grip in 1/16ths.

See "Finish" note for explanation of code letters.

Pin and Collar Assembly Part Number Combination
HL1059PB287-8-8
Size and Grip Length,
See Above Example
Collar Part Number
Pin Finish

Pin Basic Part Number

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

DRAWN BY	DATE	TITLE
J.F. OBISPO	2003-10-23	HI-LOK™ PIN
		100° FLUSH MS24694 TENSION HEAD
APPROVED	DATE	ALLOY STEEL
M. CAWLEY	2003-10-23	
	2000 10 20	1/16 GRIP VARIATION, 3/64 OVERSIZE
REVISION	DATE	DRAWING NUMBER
	KEVIN TRAN	111 40 = 0

2017-08-07

HL1059

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