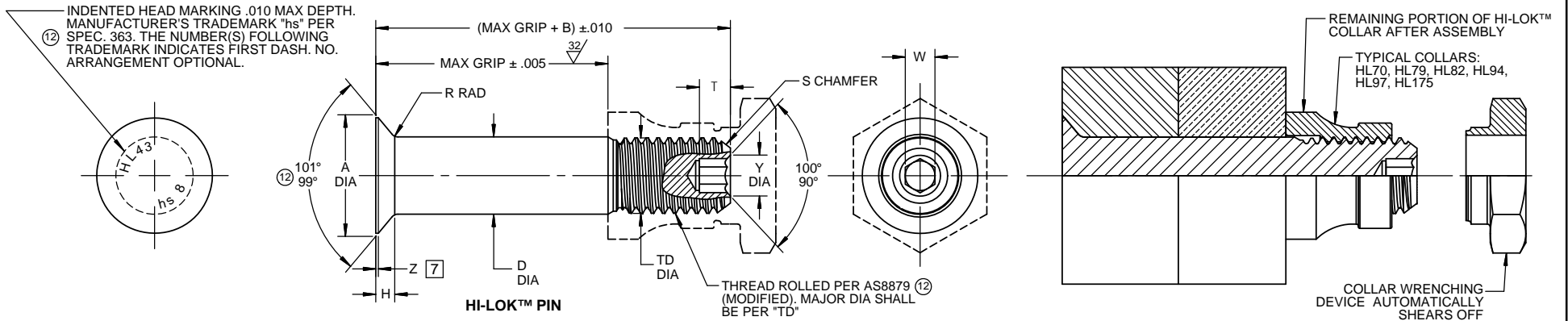


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HI-LOK™ PIN AND COLLAR AFTER ASSEMBLY

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

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	Y DIA		
5	5/32	.2612 .2564	.312	.1635 .1630	.1595 .1570	.004	.041 .039	.025 .015	.015	1/32 x 45°	.1640-32 UNJF-3A	.0806 .0791	.135 .115	6	2,800	1,000
6	3/16	.3016 .2966	.325	.1895 .1890	.1840 .1810	.005	.047 .045	.030 .020	.015	1/32 x 45°	.1900-32 UNJF-3A	.0806 .0791	.135 .115	.119 .104	4,000	1,600
8	1/4	.3948 .3898	.395	.2495 .2490	.2440 .2410	.006	.061 .059	.030 .020	.015	1/32 x 45°	.2500-28 UNJF-3A	.0967 .0947	.150 .130	.142 .122	7,000	2,800
10	5/16	.4739 .4689	.500	.3120 .3115	.3060 .3020	.007	.068 .066	.040 .030	.015	3/64 x 45°	.3125-24 UNJF-3A	.1295 .1270	.170 .150	.180 .160	11,500	4,500
12	3/8	.5604 .5554	.545	.3745 .3740	.3680 .3640	.008	.078 .076	.040 .030	.015	3/64 x 45°	.3750-24 UNJF-3A	.1617 .1582	.200 .180	.217 .197	16,500	7,000

- GENERAL NOTES:**
- Head edge out of roundness shall not exceed "F".
 - Concentricity: Conical surface of head to "D" diameter within .005 FIR.
 - "H" is dimensioned from maximum "D" diameter.
 - Surface texture per ASME B46.1.
 - Hole preparation per NAS618.
 - Evidence of broken edge across points.
 - Curved or flat edge manufacturer's option.
 - Dimensions are in inches.

MATERIAL: Type 305 corrosion resistant stainless steel per AMS-QQ-S-763.

FINISH: HL43-(-)(-) = Passivate per Hi-Shear Spec. 258 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. Second dash number indicates maximum grip in 1/16ths.

HOW TO ORDER
EXAMPLE:

Pin Part Number
 HL43-8-8
 8/16 or 1/2 Maximum Grip Length
 8/32 or 1/4 Nominal Diameter Pin
 Pin Basic Part Number

Pin and Collar Assembly Part Number Combination
 HL4370-8-8

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

"HI-LOK", "HL", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION		
DRAWN BY BRLEJ	DATE 1965-03-29	TITLE HI-LOK™ PIN 100° FLUSH SHEAR HEAD STAINLESS STEEL 1/16 GRIP VARIATION
APPROVED JM	DATE 1973-03-29	
REVISION 12	DATE M.BEARD 2017-11-09	DRAWING NUMBER HL43