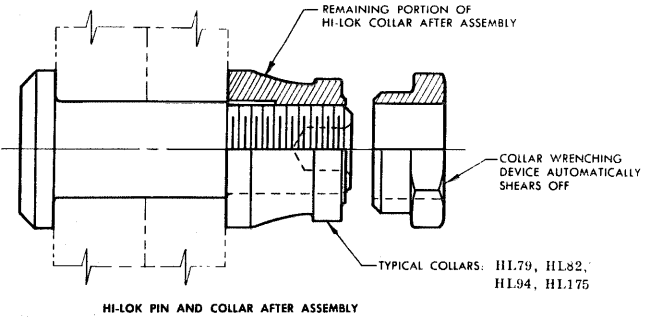
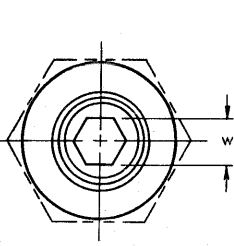
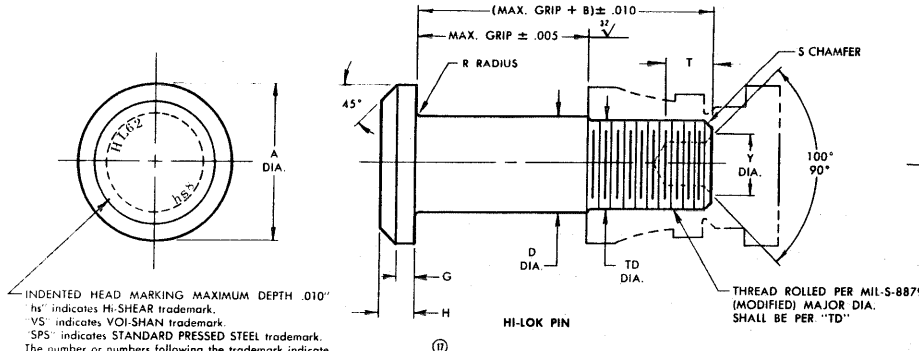


**STANDARDS COMMITTEE
FOR HI-LOK® PRODUCTS**
2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509

HI-SHEAR CORPORATION, U.S.A. (Patent Holder) U.S. Federal Code No. 73197
 Division of Hi-Shear Industries Inc., U.S.A.
 AIR INDUSTRIES CO., INC. (Licensee - U.S. & Canada) U.S. Federal Code No. 04725
 DEUTSCH FASTENER CO., INC. (Licensee) U.S. Federal Code No. 97228
 SPS TECHNOLOGIES, U.S.A. (Licensee) U.S. Federal Code No. 56878
 VOI-SHAN, Division of VSI Corp., U.S.A. (Licensee) U.S. Federal Code No. 92215
 WEST COAST AEROSPACE INC., U.S.A. (Licensee) U.S. Federal Code No. 60518
 Pins & Steel Collars
 HI-SHEAR FASTENERS
 Division of Hi-Shear Industries Inc., U.S.A.
 KAMAX-WERKE, Germany (Licensee - EEC Countries)
 Rudolfsh Kniehman GmbH & Co., U.S.A. (Licensee - EEC Countries)
 ST. CHAMOND GRANAT, S.A. France (Licensee - EEC Countries)
 SIMMONDS, S.A. France (Licensee - EEC Countries)
 Collars
 TOKYO SCREW COMPANY, Japan (Licensee - Japan)



INDENTED HEAD MARKING MAXIMUM DEPTH .010"
 "hs" indicates Hi-SHEAR trademark.
 "VS" indicates VOI-SHAN trademark.
 "SPS" indicates STANDARD PRESSED STEEL trademark.
 The number or numbers following the trademark indicate first dash number. Arrangement optional.

FIRST DASH NO.	NOM. DIA.	A DIA.	B REF.	D DIA.	TD DIA.	G REF.	H	R RAD.	S CHAMFER REF.	THREAD	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
											W HEX.	T DEPTH	Y DIA.		
-5															
NOTE: Use HL18-6 or HL418-6															
-6	13/64	.315 .295	.325	.2026 .2016	.1840 .1810	.025	.055 .045	.025 .015	1/32" x 45°	10-32UNJF-3A Modified	.0806 .0791	.135 .115	.119 .104	6,130	2,500
-8	17/64	.412 .387	.395	.2651 .2641	.2440 .2410	.030	.069 .059	.025 .015	1/32" x 45°	1/4-28UNJF-3A Modified	.0967 .0947	.150 .130	.142 .122	10,490	4,300
-10	21/64	.505 .475	.500	.3276 .3266	.3060 .3020	.035	.078 .068	.030 .020	3/64" x 45°	5/16-24UNJF-3A Modified	.1295 .1276	.170 .150	.180 .160	16,000	6,300
-12	25/64	.600 .565	.545	.3901 .3891	.3680 .3640	.040	.088 .078	.030 .020	3/64" x 45°	3/8-24UNJF-3A Modified	.1617 .1582	.200 .180	.217 .197	22,700	8,700
-14	29/64	.676 .641	.635	.4526 .4516	.4310 .4260	.045	.105 .093	.030 .020	3/64" x 45°	7/16-20UNJF-3A Modified	.1930 .1895	.230 .210	.253 .233	30,600	12,100
-16	33/64	.770 .735	.685	.5151 .5141	.4930 .4880	.050	.115 .103	.030 .020	3/64" x 45°	1/2-20UNJF-3A Modified	.2242 .2207	.260 .240	.289 .269	39,600	15,300
-18	37/64	.864 .829	.770	.5771 .5761	.5550 .5500	.055	.127 .112	.040 .025	1/16" x 45°	9/16-18UNJF-3A Modified	.2555 .2520	.290 .270	.326 .306	49,700	19,000
-20	41/64	.953 .918	.825	.6396 .6386	.6180 .6120	.060	.137 .122	.040 .025	1/16" x 45°	5/8-18UNJF-3A Modified	.2555 .2520	.330 .305	.326 .306	61,000	23,000
-24	49/64	1.108 1.066	1.050	.7646 .7636	.7430 .7370	.070	.151 .136	.045 .030	1/16" x 45°	3/4-16UNJF-3A Modified	.3185 .3150	.395 .365	.398 .378	87,200	30,700
-28	57/64	1.285 1.241	1.210	.8896 .8886	.8680 .8610	.090	.187 .172	.050 .035	5/64" x 45°	7/8-14UNJF-3A Modified	.3820 .3780	.455 .425	.471 .451	118,000	45,000
-32	1-1/64	1.468 1.424	1.390	1.0146 1.0136	.9930 .9860	.110	.218 .203	.060 .045	5/64" x 45°	1-12UNJF-3A Modified	.5100 .5040	.580 .550	.618 .598	154,000	60,900

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.
 2. Dimensions to be met after finish.
 3. Surface texture per ANSI B46.1.
 4. Hole preparation per NAS618.
 5. Use HL218 for oversize replacement.

CODE: First dash number indicates nominal diameter in 1/32nds which HL62 oversize pin replaces.
 Second dash number indicates maximum grip in 1/16ths.
 See the Finish note for explanation of code letters.

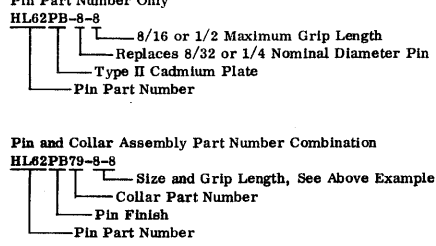
MATERIAL: Alloy steel per Spec. MIL-S-5000, MIL-S-5626 or MIL-S-6049.

HOW TO ORDER EXAMPLES:

HEAT TREAT: 95,000 psi shear minimum (160,000-180,000 psi tensile per Spec. MIL-H-6875).

- FINISH: HL62-()-() = Cadmium plate per Spec. QQ-P-416, Type I, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.
 HL62A-()-() = Cadmium plate per AMS2400-3 and cetyl alcohol lube per Hi-Shear Spec. 305.
 HL62PB-()-() = Cadmium plate per Spec. QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: Hi-Lok Product Specification 342.



"Hi-Lok" and "HL" are internationally registered trademarks of Hi-Shear Corporation.

DRAWN	DATE	hi-Lok ® PIN
Brlcj	5-2-63	
APPROVED	DATE	PROTRUDING SHEAR HEAD ALLOY STEEL 1/16" GRIP VARIATION - 1/64" OVERSIZE
Cesana	11-1-63	
REVISION	DATE	DRAWING NUMBER
(17)	T. Craine 11-23-93	HL62

HL62