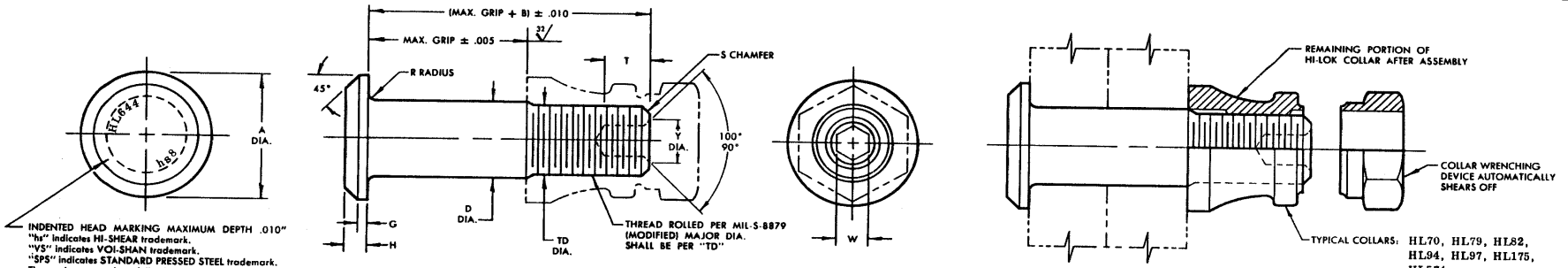


**STANDARDS COMMITTEE  
FOR HI-LOK® PRODUCTS**  
2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509

HI-SHEAR CORPORATION, U.S.A. (Patent Holder) U.S. Federal Code I.D. No. 73187	HI-SHEAR FASTENERS EUROPE LTD., U.K. (Licensee)
Division of Hi-Shear Industries Inc., U.S.A. (Licensee) U.S. Federal Code I.D. No. 06726	Division of Hi-Shear Industries Inc., U.S.A. (Licensee)
AD INDUSTRIES CO., INC. (Licensee) U.S. Federal Code I.D. No. 37329	KAMAZ-WERKE, Germany (Licensee—EEC Countries)
DEUTSCH FASTENER CO., INC. (Licensee) U.S. Federal Code I.D. No. 56878	Radolpa Koloman GmbH & Co. (Licensee—EEC Countries)
SFS TECHNOLOGIES, U.S.A. (Licensee) U.S. Federal Code I.D. No. 56878	ST. CHAMOND ERANAT, S.A. France (Licensee—EEC Countries)
YSS-SHAK, Division of YSS Corp., U.S.A. (Licensee) U.S. Federal Code I.D. No. 92215	SIMMONDS, S.A. France (Licensee—EEC Countries—Colony)
WEST COAST AEROSPACE INC., U.S.A. (Licensee—Pin & Steel Collars) U.S. Federal Code I.D. No. 00516	TOKYO SCREW COMPANY, Japan (Licensee—Japan)



INDENTED HEAD MARKING MAXIMUM DEPTH .010"  
"H" indicates HI-SHEAR trademark.  
"YS" indicates YOUNG'S trademark.  
"SFS" indicates STANDARD PRESSED STEEL trademark.  
The number or numbers following the trademark indicate first dash number. Arrangement optional.

HI-LOK PIN

HI-LOK PIN AND COLLAR AFTER ASSEMBLY

FIRST DASH NO.	NOM. DIA.	A DIA.	B REF.	D DIA. [5]		TD DIA.	G REF.	H	R RAD.	S CHAMFER REF.	THREAD	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM		
				WITHOUT COATING OR SOLID FILM LUBE	WITH COATING OR SOLID FILM LUBE							W HEK.	T DEPTH	Y DIA.				
-5	5/32	.262 .242	.312	.1635	.1635	.1595	.020	.047	.025	.037	.015	1/32" x 45°	8-32UNJF-3A Modified	.0645	.135	.090	5,280	2,200
				.1630	.1625	.1570								.0635	.115	.075		
-6	3/16	.315 .295	.325	.1895	.1895	.1840	.025	.055	.025	.045	.015	1/32" x 45°	10-32UNJF-3A Modified	.0806	.135	.119	7,060	3,000
				.1890	.1885	.1810								.0791	.115	.104		
-8	1/4	.412 .397	.395	.2495	.2495	.2440	.030	.069	.025	.059	.015	1/32" x 45°	1/4-28UNJF-3A Modified	.0967	.150	.142	12,260	5,100
				.2490	.2485	.2410								.0947	.130	.122		
-10	5/16	.505 .475	.500	.3120	.3120	.3060	.035	.078	.030	.068	.020	3/64" x 45°	5/16-24UNJF-3A Modified	.1295	.170	.180	19,160	8,000
				.3115	.3110	.3020								.1270	.150	.160		
-12	3/8	.600 .565	.545	.3745	.3745	.3680	.040	.088	.030	.078	.020	3/64" x 45°	3/8-24UNJF-3A Modified	.1617	.200	.217	27,600	11,300
				.3740	.3735	.3640								.1582	.180	.197		
-14	7/16	.676 .641	.635	.4370	.4370	.4310	.045	.105	.030	.093	.020	3/64" x 45°	7/16-20UNJF-3A Modified	.1930	.230	.253	37,500	15,500
				.4365	.4360	.4260								.1895	.210	.233		
-16	1/2	.770 .735	.695	.4995	.4995	.4930	.050	.115	.030	.103	.020	3/64" x 45°	1/2-20UNJF-3A Modified	.2242	.260	.289	49,100	20,000
				.4990	.4985	.4880								.2207	.240	.269		
-18	9/16	.864 .829	.770	.5615	.5615	.5550	.055	.127	.040	.112	.025	1/16" x 45°	9/16-18UNJF-3A Modified	.2555	.260	.326	62,100	25,000
				.5610	.5605	.5500								.2520	.240	.306		
-20	5/8	.953 .918	.825	.6240	.6240	.6180	.060	.137	.040	.122	.025	1/16" x 45°	5/8-18UNJF-3A Modified	.2555	.260	.326	76,700	30,200
				.6235	.6230	.6120								.2520	.240	.306		
-24	3/4	1.108 1.066	1.050	.7490	.7490	.7430	.070	.151	.045	.136	.030	1/16" x 45°	3/4-16UNJF-3A Modified	.3185	.330	.398	110,400	40,200
				.7485	.7480	.7370								.3150	.300	.379		
-28	7/8	1.285 1.241	1.210	.8740	.8740	.8680	.090	.187	.050	.172	.035	5/64" x 45°	7/8-14UNJF-3A Modified	.3820	.400	.471	150,300	59,100
				.8735	.8730	.8610								.3780	.370	.451		
-32	1	1.468 1.424	1.390	.9990	.9990	.9930	.110	.218	.060	.203	.045	5/64" x 45°	1-12UNJF-3A Modified	.6100	.520	.618	196,300	80,000
				.9985	.9980	.9860								.6040	.490	.598		

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