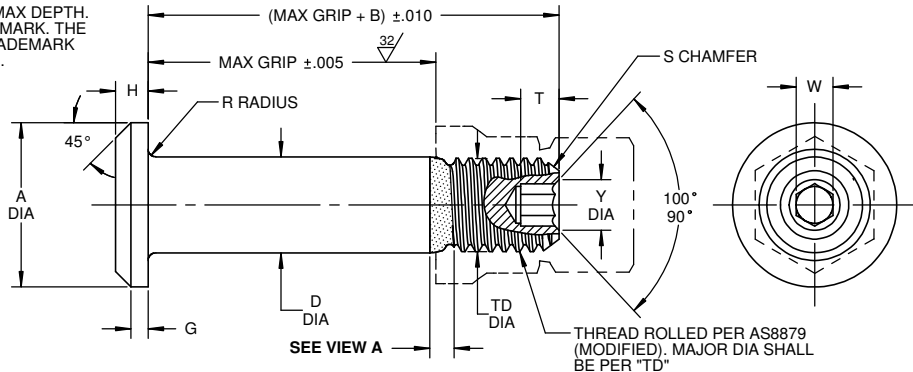
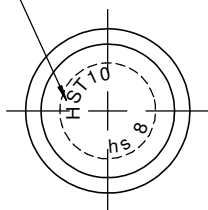
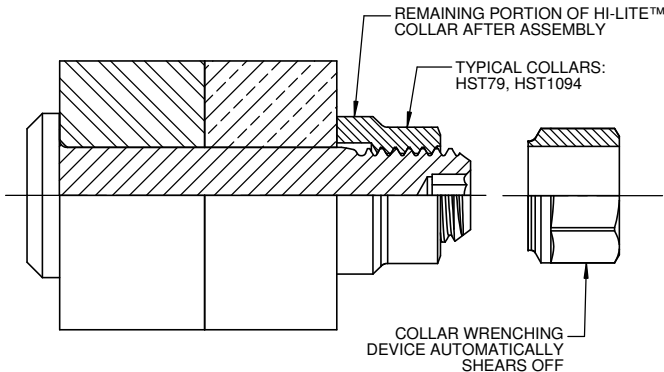


INDENTED HEAD MARKING .010 MAX DEPTH.
"hs" INDICATES HI-SHEAR TRADEMARK. THE
NUMBER(S) FOLLOWING THE TRADEMARK
INDICATES FIRST DASH NUMBER.
ARRANGEMENT OPTIONAL.



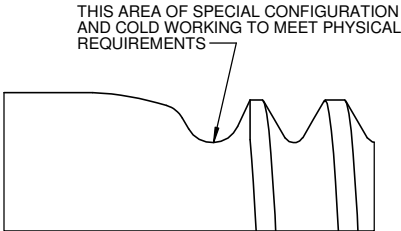
HI-LITE™ PIN



HI-LITE™ PIN AND COLLAR AFTER ASSEMBLY

FIRST DASH NO.	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	G REF	H	R RAD	S CHAMFER REF	THREAD MODIFIED	SOCKET			DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
				WITHOUT COATING OR SOLID FILM	AFTER COATING OR SOLID FILM							W HEX	T DEPTH	Y DIA		
5	5/32	.262 .242	.280	.1635 .1630	.1635 .1625	.1595 .1570	.020	.047 .037	.025 .015	1/32 x 37°	.1640-32 UNJC-3A	.0645 .0635	.135 .115	.090 .075	4,010	1,940
6	3/16	.315 .295	.290	.1895 .1890	.1895 .1885	.1840 .1810	.025	.055 .045	.025 .015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	5,380	2,500
8	1/4	.412 .387	.320	.2495 .2490	.2495 .2485	.2440 .2410	.030	.069 .059	.025 .015	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.150 .130	.142 .122	9,300	4,300
10	5/16	.505 .475	.380	.3120 .3115	.3120 .3110	.3060 .3020	.035	.078 .068	.030 .020	3/64 x 37°	.3125-24 UNJF-3A	.1295 .1270	.170 .150	.180 .160	14,600	6,300
12	3/8	.600 .565	.420	.3745 .3740	.3745 .3735	.3680 .3640	.040	.088 .078	.030 .020	3/64 x 37°	.3750-24 UNJF-3A	.1617 .1582	.200 .180	.217 .197	21,000	8,700
14	7/16	.676 .641	.485	.4370 .4365	.4370 .4360	.4310 .4260	.045	.105 .093	.030 .020	3/64 x 37°	.4375-20 UNJF-3A	.1930 .1895	.230 .210	.253 .233	28,600	12,100
16	1/2	.770 .735	.525	.4995 .4990	.4995 .4985	.4930 .4880	.050	.115 .103	.030 .020	3/64 x 37°	.5000-20 UNJF-3A	.2242 .2207	.260 .240	.289 .269	37,300	15,300
18	9/16	.864 .829	.600	.5615 .5610	.5615 .5605	.5550 .5500	.055	.127 .112	.040 .025	1/16 x 37°	.5625-18 UNJF-3A	.2555 .2520	.290 .270	.326 .306	47,200	19,000
20	5/8	.953 .918	.660	.6240 .6235	.6240 .6230	.6180 .6120	.060	.137 .122	.040 .025	1/16 x 37°	.6250-18 UNJF-3A	.2555 .2520	.330 .305	.326 .306	58,300	23,000
24	3/4	1.108 1.066	.895	.7490 .7485	.7490 .7480	.7430 .7370	.070	.151 .136	.045 .030	1/16 x 37°	.7500-16 UNJF-3A	.3185 .3150	.395 .365	.398 .378	83,900	30,700
28	7/8	1.285 1.241	1.000	.8740 .8735	.8740 .8730	.8680 .8610	.090	.187 .172	.050 .035	5/64 x 37°	.8750-14 UNJF-3A	.3820 .3780	.455 .425	.471 .451	114,000	45,000
32	1	1.468 1.424	1.160	.9990 .9985	.9990 .9980	.9930 .9860	.110	.218 .203	.060 .045	5/64 x 37°	1.0000-12 UNJF-3A	.5100 .5040	.580 .550	.618 .598	149,000	60,900

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



VIEW A

HI-LITE™ THREAD TRANSITION AREA
SEE SPECIFICATION FOR INSPECTION

"HI-LITE", "HST", and "HI-KOTE",
are Trademarks of Hi-Shear Corporation.

DRAWN BY
J.F. Obispo
D.P.S.

DATE
7-16-14
8-4-82

APPROVED
R. Ting

DATE
8-6-82

REVISION
(38)

DATE
F.C.
8-12-15

TITLE
HI-LITE™ PIN
PROTRUDING SHEAR HEAD
TITANIUM
1/16 GRIP VARIATION

DRAWING NUMBER

HST10

HST10