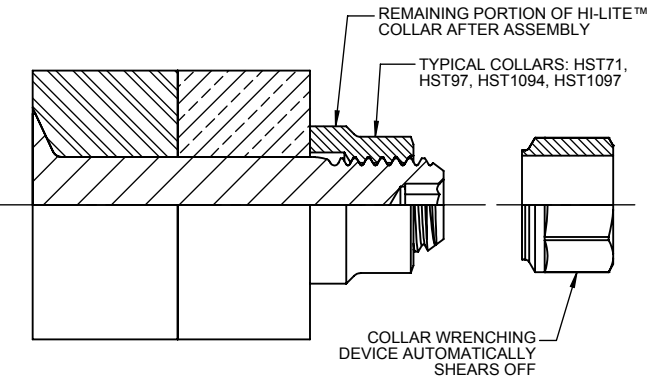


HI-LITE™ PIN

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
				WITHOUT COATING	WITH COATING								W HEX	T DEPTH	Y DIA		
5	5/32	.3393 .3308	.280	.1635 .1630	.1635 .1625	.1595 .1570	.004	.0410 .0390	.025 .015	.012	1/32 x 37°	.1640-32 UNJC-3A	.0801 .0791	.100 .080	.104 .094	4,010	1,650
6	3/16	.3911 .3825	.290	.1895 .1890	.1895 .1885	.1840 .1810	.005	.0470 .0450	.030 .020	.015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	5,380	2,000
8	1/4	.5111 .5026	.320	.2495 .2490	.2495 .2485	.2440 .2410	.006	.0610 .0590	.030 .020	.015	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	9,300	3,700
10	5/16	.6037 .5951	.380	.3120 .3115	.3120 .3110	.3060 .3020	.007	.0680 .0660	.040 .030	.015	3/64 x 37°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.180 .160	14,600	5,000
12	3/8	.7090 .7005	.420	.3745 .3740	.3745 .3735	.3680 .3640	.008	.0780 .0760	.040 .030	.015	3/64 x 37°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.217 .197	21,000	7,200



HI-LITE™ PIN AND COLLAR AFTER ASSEMBLY

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

THIS AREA OF SPECIAL CONFIGURATION AND COLD WORKING TO MEET PHYSICAL REQUIREMENTS



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 D.P.S.	DATE 1989-10-09	TITLE HI-LITE™ PIN 130° FLUSH SHEAR HEAD TITANIUM 1/16 GRIP VARIATION
APPROVED DAWN	DATE 1989-10-16	
REVISION 1	DATE KEVIN TRAN 2017-07-26	DRAWING NUMBER HST305

