



FIRST DASH NO.	NOM. DIA.	① A DIA.	B REF.	D DIA. ⑥		TO DIA.	G REF.	H	R RAD.	S CHAMFER REF.	THREAD	SOCKET			** DOUBLE SHEAR POUNDS MINIMUM	TENSION POUNDS MINIMUM
				WITHOUT SOLID FILM LUBE	WITH SOLID FILM LUBE							W HEX.	T DEPTH	Y DIA.		
- 5	5/32			NOTE: USE HST248-6												
- 6	3/16	.390 .370	.290	.2182 .2177	.2182 .2172	.1840 .1810	.035	.074 .064	.025 .015	1/32" x 45°	10-32UNJF-3A Modified	.0806 .0791	.100 .080	.119 .104	7, 100	3, 180
- 8	1/4	.460 .435	.320	.2807 .2802	.2807 .2797	.2440 .2410	.045	.090 .077	.025 .015	1/32" x 45°	1/4-28UNJF-3A Modified	.0967 .0947	.110 .090	.142 .122	11, 800	5, 820
- 10	5/16	.520 .490	.380	.3432 .3427	.3432 .3422	.3060 .3020	.065	.112 .098	.030 .020	3/64" x 45°	5/16-24UNJF-3A Modified	.1295 .1270	.130 .110	.180 .160	17, 600	9, 200
- 12	3/8	.685 .550	.420	.4057 .4052	.4057 .4047	.3680 .3640	.065	.140 .130	.030 .020	3/64" x 45°	3/8-24UNJF-3A Modified	.1617 .1582	.160 .140	.217 .197	24, 500	14, 000
- 14	7/16	.860 .615	.485	.4682 .4677	.4682 .4672	.4310 .4260	.075	.160 .150	.030 .020	3/64" x 45°	7/16-20UNJF-3A Modified	.1930 .1895	.190 .170	.253 .233	32, 700	18, 900
- 16	1/2	.775 .740	.525	.5307 .5302	.5307 .5297	.4990 .4880	.085	.188 .178	.030 .020	3/64" x 45°	1/2-20UNJF-3A Modified	.2242 .2207	.220 .200	.289 .269	42, 000	25, 600
- 18	9/16	.905 .870	.600	.5927 .5922	.5927 .5917	.5550 .5500	.125	.210 .200	.040 .025	1/16" x 45°	9/16-18UNJF-3A Modified	.2555 .2520	.260 .240	.326 .306	52, 400	32, 400
- 20	5/8	.975 .940	.640	.6552 .6547	.6552 .6542	.6180 .6120	.140	.238 .228	.040 .025	1/16" x 45°	5/8-18UNJF-3A Modified	.2555 .2520	.260 .240	.326 .306	64, 100	41, 000

U.S. Patents 4,326,825 and 4,455,510. Other U.S. and foreign patents pending. "Hi-Lite" is a registered trademark and "Hi-Lite ST" is a trademark of Hi-Shear Corporation.	
DRAWN D. P. S.	DATE 5-4-84
HI-LITETM STTM PIN PROTRUDING TENSION HEAD A-286 HIGH TEMPERATURE ALLOY 1/16" GRIP VARIATION -- 1/32" OVERSIZE	
APPROVED <i>C.E.B.</i>	DATE 5-7-84
REVISION ①	DATE D. P. S. 6-5-85
DRAWING NUMBER HST748	