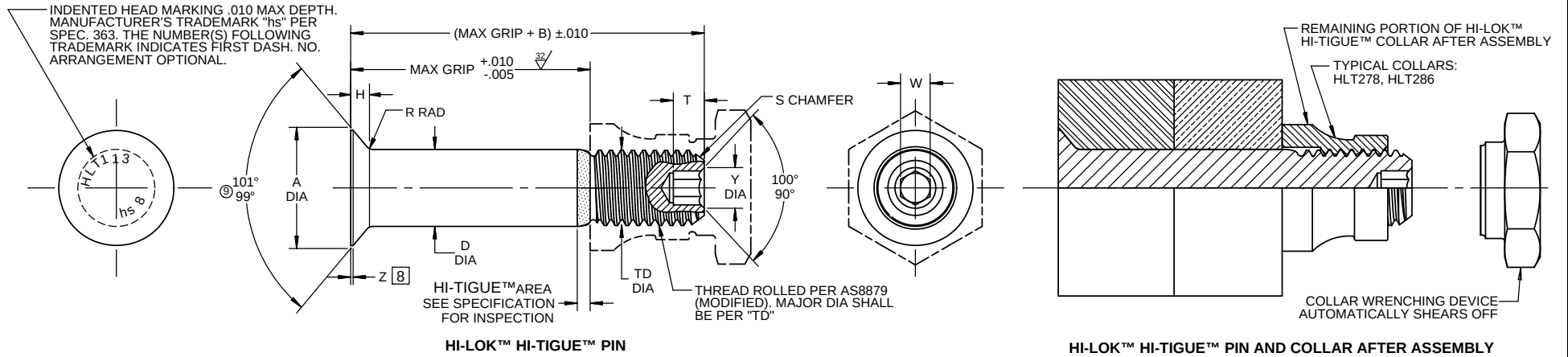


For the current list of licensed manufacturers, please visit the LISI AEROSPACE website at:
[HTTP://WWW.LISI-AEROSPACE.COM/LICENSES](http://www.lisi-aerospace.com/licenses)



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

1																		8																	
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 PLATING OR S.F.L.	AFTER COATING PLATING OR S.F.L.								W HEX	T DEPTH	Y DIA																				
5						NOTE: Use HLT413()6(-)																													
6	13/64	.3813 .3765	.360	.2026 .2021	.2026 .2016	.1840 .1810	.005	.0750 .0730	.030 .020	.015	1/32 x 37°	.1900-32 UNJF-3A	.0806 .0791	.100 .080	.119 .104	6,130	2,750																		
8	17/64	.5066 .5018	.435	.2651 .2646	.2651 .2641	.2440 .2410	.006	.1013 .0993	.030 .020	.015	1/32 x 37°	.2500-28 UNJF-3A	.0967 .0947	.110 .090	.142 .122	10,490	5,820																		
10	21/64	.6335 .6287	.545	.3276 .3271	.3276 .3266	.3060 .3020	.007	.1283 .1263	.040 .030	.015	3/64 x 37°	.3125-24 UNJF-3A	.1295 .1270	.130 .110	.180 .160	16,000	9,200																		
12	25/64	.7604 .7556	.590	.3901 .3896	.3901 .3891	.3680 .3640	.008	.1553 .1533	.040 .030	.015	3/64 x 37°	.3750-24 UNJF-3A	.1617 .1582	.160 .140	.217 .197	22,700	14,000																		
14	29/64	.8884 .8812	.690	.4526 .4521	.4526 .4516	.4310 .4260	.009	.1828 .1798	.050 .040	.022	3/64 x 37°	.4375-20 UNJF-3A	.1930 .1895	.190 .170	.253 .233	30,600	18,900																		
16	33/64	1.0139 1.0068	.740	.5151 .5146	.5151 .5141	.4930 .4880	.010	.2093 .2063	.050 .040	.022	3/64 x 37°	.5000-20 UNJF-3A	.2242 .2207	.220 .200	.289 .269	39,600	25,500																		
18	37/64	1.1408 1.1337	.825	.5771 .5766	.5771 .5761	.5550 .5500	.010	.2365 .2335	.050 .040	.025	1/16 x 37°	.5625-18 UNJF-3A	.2555 .2520	.260 .240	.326 .306	49,700	32,400																		
20	41/64	1.2723 1.2651	.890	.6396 .6391	.6396 .6386	.6180 .6120	.010	.2654 .2624	.050 .040	.025	1/16 x 37°	.6250-18 UNJF-3A	.2555 .2520	.260 .240	.326 .306	61,000	41,000																		
24	49/64	1.5308 1.5236	1.115	.7646 .7641	.7646 .7636	.7430 .7370	.012	.3214 .3184	.050 .040	.025	1/16 x 37°	.7500-16 UNJF-3A	.3185 .3150	.330 .300	.398 .378	87,200	59,500																		
28	57/64	1.7845 1.7773	1.285	.8896 .8891	.8896 .8886	.8680 .8610	.014	.3754 .3724	.050 .040	.025	5/64 x 37°	.8750-14 UNJF-3A	.3820 .3780	.400 .370	.471 .451	118,000	81,500																		
32	1-1/64	2.0405 2.0310	1.480	1.0146 1.0141	1.0146 1.0136	.9930 .9860	.014	.4304 .4264	.050 .040	.025	5/64 x 37°	1.0000-12 UNJF-3A	.5100 .5040	.520 .490	.618 .598	154,000	106,000																		

"HI-LOK", "HI-TIGUE", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION

DRAWN BY VAN	DATE 1969-07-25	TITLE HI-LOK™ HI-TIGUE™ PIN 100° FLUSH MS24694 TENSION HEAD TITANIUM 1/16 GRIP VARIATION, 1/64 OVERSIZE	
APPROVED R. TING	DATE 1969-07-28	DRAWING NUMBER HLT113	
REVISION 9	DATE 2017-05-17	1 OF 2	

