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DASH NO.	PIN NOM. DIA.	THREAD	A DIA.	B	C DIA. (REF.)	D DIA. (REF.)	L (REF.)	L <sub>1</sub> (REF.)	M	P (REF.)	R SPHER. RAD.	W HEX.	X (REF.)	UTS LBS. MIN.	TORQUE-OFF IN. - LBS.
5	5/82	8-32UNJC-3B	.385 .355	.095 .085	.255	.171	.385	.220	.370 .350	.344	.20	.314 .302	.095	1,940	15-30
6	3/16	10-32UNJF-3B	.385 .355	.095 .085	.255	.198	.395	.230	.370 .350	.380	.20	.348 .332	.095	2,500	25-40
8	1/4	1/4-28UNJF-3B	.475 .465	.120 .110	.333	.259	.485	.270	.435 .415	.484	.28	.440 .425	.100	4,300	60-90
10	5/16	5/16-24UNJF-3B	.620 .610	.130 .120	.417	.322	.545	.315	.500 .480	.484	.34	.440 .425	.105	6,300	110-160
12	3/8	3/8-24UNJF-3B	.685 .675	.145 .135	.490	.385	.615	.355	.580 .540	.557	.38	.503 .488	.105	8,700	160-220

- NOTES:**
1. Go thread gage penetration shall be 3/4 of one revolution minimum.
  2. For use on sloped surfaces up to 7° maximum standard and 1/64 oversize HI-Lite shear head pins.
  3. Dimensions apply after finish.

**MATERIAL:** Collar - A-286 high temperature alloy per AMS5731, AMS5734 or AMS5736.  
Washer- A-286 high temperature alloy per AMS5731 or AMS5737.

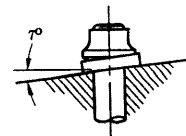
**HEAT TREAT:** Collar - None.  
Washer- 90,000 psi shear minimum.

**FINISH:** Collar - HST185DU-( )A = Solid film lube per MIL-L-46010, Type I.  
Washer- HST185-( )CU = Passivate per HI-Shear Spec. 258.

**SPECIFICATION:** HI-Lite Product Specification No. 381.

**CODE:** Dash number indicates nominal thread size in 1/32nds.  
See Finish note for explanation of code letters.

**EXAMPLE:** HST185DU-8ACU = Assembly of HST185DU-8A collar and HST185-8CU washer.



U.S. Patents 4,326,825; 4,485,510 and 4,957,401.  
Other U.S. and foreign patents pending.  
\*Hi-Lite\* is a registered trademark and  
\*Hi-Lite ST™\* is a trademark of Hi-Shear Corporation.

			TITLE	DRAWING NUMBER
			<b>HI-LITE® ST™ COLLAR</b>	<b>HST185</b>
			SELF-ALIGNING COLLAR ASSEMBLY	
			A-286 HIGH TEMPERATURE ALLOY	
			1/16" GRIP VARIATION - SHEAR APPLICATION	
DRAWN	DATE	BY		
	6-10-89	D.P.S.		
APPROVED	6-10-89	J.G. Wilcox		
② REVISION	4-19-94	T.Craigne		