



DASH NO.	PIN NOM DIA	THREAD	A DIA	A1 DIA (REF)	B DIA	L	L1 (REF)	L2 (REF)	L3 (REF)	P	W HEX	X (REF)	X1 (REF)	UTS LBS. MIN	LOCKING TORQUE INCH-LBS	TORQUE-OFF INCH-POUNDS
5	5/32	.1640-32 UNJC-3B	.287 .283	.325	.173 .166	.395 .375	.220	.235	.410	.253 .240	.221 .213	.085	.100	1,940	1.5-7	20-30
6	3/16	.1900-32 UNJF-3B	.307 .303	.360	.212 .208	.415 .395	.230	.245	.430	.289 .273	.251 .244	.085	.100	2,500	2-12	25-35
8	1/4	.2500-28 UNJF-3B	.412 .408	.460	.276 .272	.525 .505	.270	.285	.540	.361 .341	.314 .302	.090	.105	4,300	3.5-17	60-80

- NOTES:**
- Go thread gage penetration shall be 3/4 of one revolution minimum after thread lock.
 - Dimensions are in inches and apply after finish.
 - Burrs from cutoff process and cutting torque-off groove allowed.

MATERIAL: Collar - 3Al-2.5V titanium alloy per AMS6940, or 6Al-4V titanium alloy per AMS4928, or AMS4967.
 Washer - 300 series stainless steel.

FINISH: Collar (12) HST92LJ() = Anodize per Hi-Shear Spec. 306, Type II, and solid film lube per AS5272, Type I.
 HST92TA() = Anodize per Hi-Shear Ti-Shield III and HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292 and cetyl alcohol lube per Hi-Shear Spec. 305.
 HST92HK() = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.
 (12) Collar & Washer - HST92LJW() = Collar finish same as HST92LJ(). Washer is passivated.
 HST92TAW() = Collar finish same as HST92TA(). Washer is passivated.
 HST92HKW() = Collar finish same as HST92HK(). Washer is passivated.

SPECIFICATION: HI-LITE™ Product Specification 381.

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

EXAMPLES: HST92LJ5 = 8-32 HI-LITE™ collar with solid film lube.
 (12) HST92TAW5 = 8-32 HI-LITE™ collar with HI-KOTE™ 2 and cetyl alcohol lube and captive passivated washer.

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DATE	BY	TITLE	DRAWING NO.
1983-05-18	D.P.S.	HI-LITE™ COLLAR TITANIUM ALLOY 1/16 GRIP VARIATION, SPECIAL SHEAR APPLICATION FOR USE ON STANDARD AND 1/64 OVERSIZE HI-LITE™ PINS	HST92
1983-06-08	JGWILCOX		
(12) REVISION	C. ARTOS		
1983-05-18	D.P.S.		
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