



| 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:

(12) 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.

"HI-LITE" AND "HST" ARE INTERNATIONAL
REGISTERED TRADEMARKS OF HI-SHEAR CORPORATION

| DATE | BY | TITLE | DRAWING NO. |
|---------------|------------|----------|-------------|
| DRAWN | 1983-05-18 | D.P.S. | |
| APPROVED | 1983-06-08 | JGWILCOX | |
| (12) REVISION | 2023-12-21 | C. ARTOS | |

HI-LITE™ COLLAR
TITANIUM ALLOY
1/16 GRIP VARIATION, SPECIAL SHEAR APPLICATION
FOR USE ON STANDARD AND 1/64 OVERSIZE HI-LITE™ PINS

HST92

1 of 1