

Series 280HTS Card-Lok



Meets **VITA 48.2**
In alignment with the
SOSA® Technical Standard

RECOMMENDED GAP WIDTH

PCB + 10.29 mm (.405 in)

RECOMMENDED TORQUE

113 N-cm (10 in-lbs). With L Option: 158 N-cm (14 in-lbs)

WEIGHT

2.50 g/cm (.224 oz/in)

MATERIALS AND FINISH

Brackets and Front Wedge

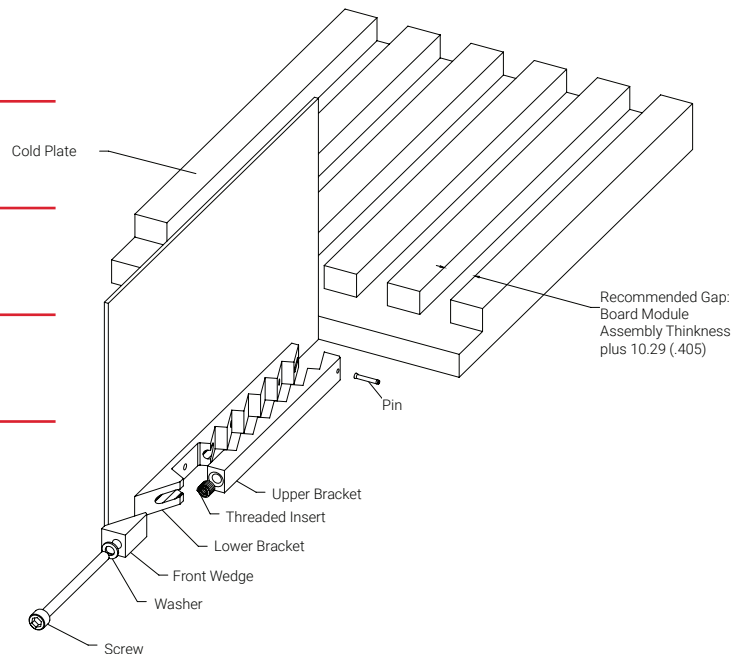
- **Material:** 6061-T6 or T6XXX per ASTM-B221 or AMSQQ-A-200/8
- **Finish:** See finish table on opposite page

Screw and Washer

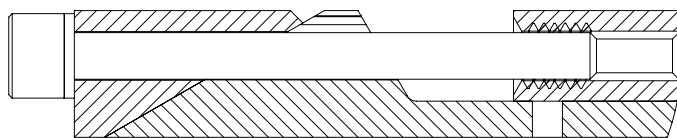
- **Material:** Stainless steel
- **Finish:** Passivated per AMS2700 and dry film lube per MIL-L-46010
- **Threaded Insert**
- **Material:** Stainless steel
- **Finish:** Passivated per AMS2700

Pin

- **Material:** Stainless steel
- **Finish:** Passivated per AMS2700



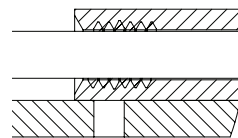
OPTIONS



DETAIL "K" (RELAXED VIEW)

Detail "K"

Prevents the unintentional disassembly of screw from shaft.

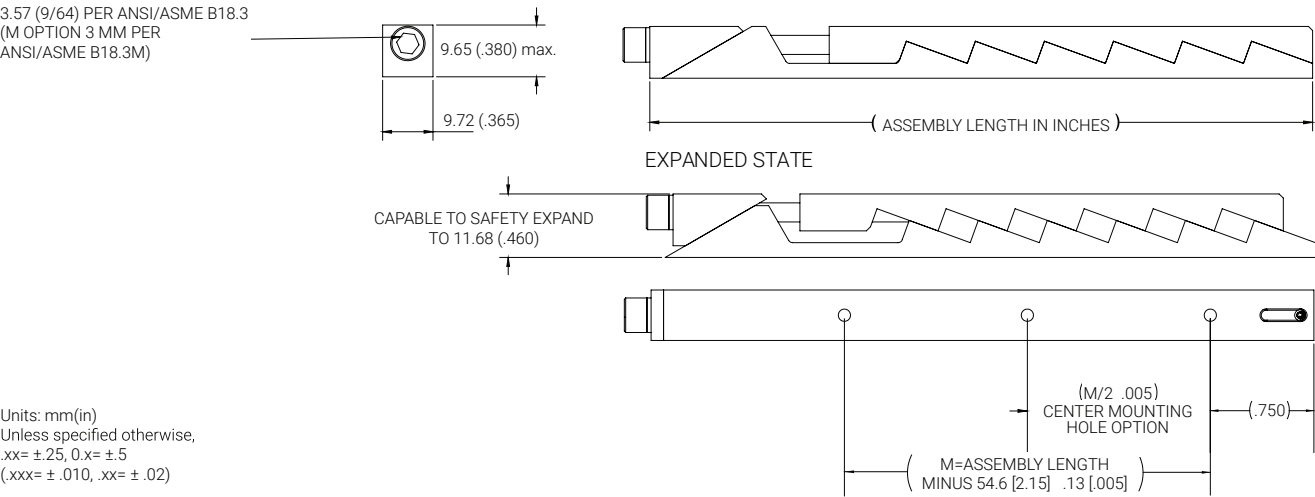


DETAIL "L" (RELAXED VIEW)

Detail "L"

SCREW LOCKING INSERT

Provides prevailing torque for resistance to loosening from shock and vibration. Meets NASM 8846.



Units: mm(in)
Unless specified otherwise,
.xx= ±.25, 0.x= ±.5
(.xxx= ±.010, .xx= ±.02)

Screw Drive	M A 280HTS-3.30 E T4 L K
Metric Screw Head 3 mm Hex Drive _____ M	
Standard Screw Head 9/64 Hex Drive _____ [Blank]	
Surface Finish	
Black Anodized _____ A	
Electroless Nickel _____ EN	
Length	
Length in 12.7 (.50 increments) _____ 71,12 (2,80)	
_____ to 325,12 (12,80)	
Mounting	
Additional Center Mounting Hole _____ E	
None _____ [Blank]	
Mounting Options - Mounting Holes	
or choose from Mounting Method Table	T4
Threaded Insert	
Screw-Locking Insert _____ L	
Free-Running Insert _____ [Blank]	
Screw Type	
Captive Screw _____ K	
Standard _____ [Blank]	

Part Number Code Example:

M A 280HTS-4.80 E TM3 L K

Series 280HTS Card-Lok with M3 hex drive, black anodized finish, 121.9 (4.80) long, with additional mounting hole, M3 x 0.50 tapped hole, locking insert and captive screw

Finish Table

Code Letter	Finish
"A"	BLACK ANODIZE PER MIL-A-8625 TYPE II, CLASS 2
"EN"	ELECTROLESS NICKEL PER MIL-C-26074 CLASS 4, GRADE B, BRIGHT

Mounting Method Table

Code Letter	Method
"T4"	4-40 TAPPED HOLE
"TM3"	M3 x 0.50 TAPPED HOLE



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