**SERIES 260 CARD LOK**

## RECOMMENDED GAP WIDTH
PCB + 7.62 mm (.300 in)

## RECOMMENDED TORQUE
68 N-cm (6 in-lbs)
With "L" option 90 N-cm (8 in-lbs)

## WEIGHT
.95 g/cm (.085 oz/in)

## MATERIALS AND FINISH

### BODIES AND WEDGES
**Material:** Aluminum Alloy 6061-T6 per
ASTM-B221 or AMS-QQ-A-200/8
**Finish:** See finish table on
opposite page

### SHAFT
**Material:** Aluminum Alloy 6061-T6 per
ASTM-B221 or AMS-QQ-A-200/8
**Finish:** See finish table on
opposite page

### SCREW, LOCK AND FLAT WASHER
.09-in. or 2.5-mm hex. socket
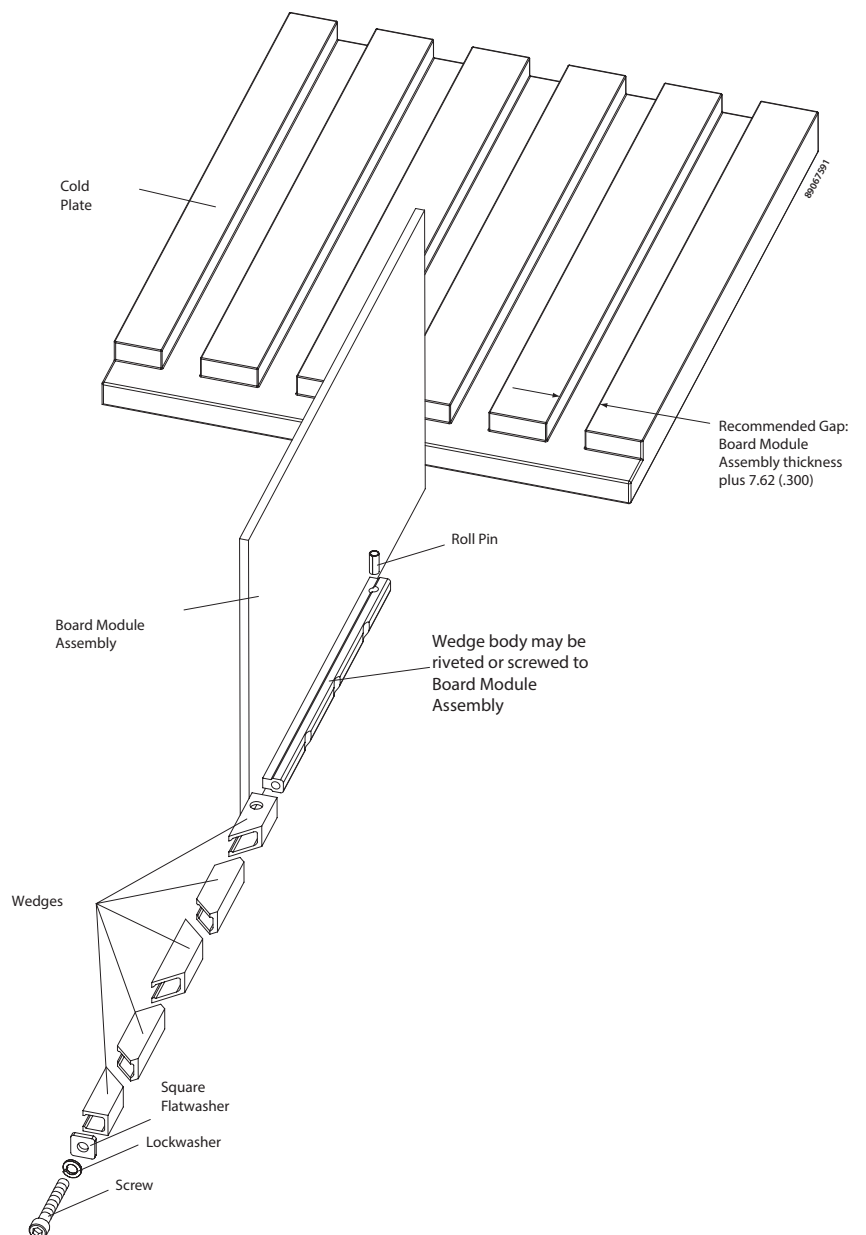head cap screw, depending
on mounting configuration
**Material:** Stainless steel per ASTM A-582
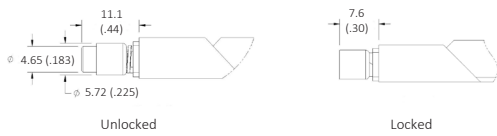or NAS1352C
**Finish:** Passivated per AMS2700

### ROLL PIN
**Material:** 400 series stainless steel
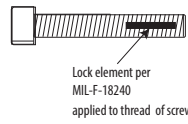**Finish:** Passivated per AMS2700
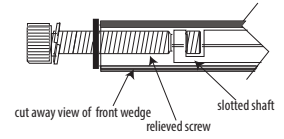


Labels: Cold Plate; Recommended Gap: Board Module Assembly thickness plus 7.62 (.300); Roll Pin; Board Module Assembly; Wedge body may be riveted or screwed to Board Module Assembly; Wedges; Square Flatwasher; Lockwasher; Screw

11.1 (.44)
7.6 (.30)
ø 4.65 (.183)
ø 5.72 (.225)

Unlocked

Locked

**Detail "V"**
Provides visual lock indication

Lock element per MIL-F-18240 applied to thread of screw
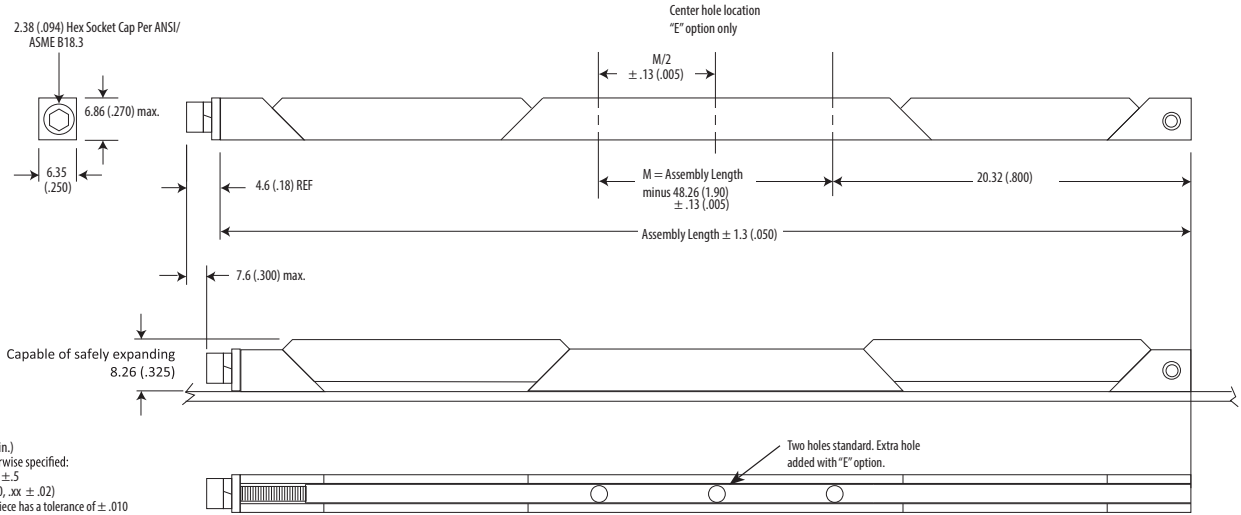
**Detail"L"**
Provides prevailing torque for resistance to loosening from shock and vibration. Adds 22 N-cm (2 in-lbs) torque to assembly.

cut away view of front wedge
relieved screw
slotted shaft

**Detail "K"** Prevents the unintentional disassembly of screw from shaft.

2.38 (.094) Hex Socket Cap Per ANSI/ASME B18.3

6.86 (.270) max.

6.35 (.250)

4.6 (.18) REF

7.6 (.300) max.

Capable of safely expanding 8.26 (.325)

Center hole location "E" option only

M/2 ±.13 (.005)

M = Assembly Length minus 48.26 (1.90) ±.13 (.005)

20.32 (.800)

Assembly Length ± 1.3 (.050)

Units: mm (in.)
Unless otherwise specified:
.xx ± .25, .x ±.5
(.xxx ± .010, .xx ± .02)
Note: Each piece has a tolerance of ± .010

Two holes standard. Extra hole added with "E" option.

## Part Number Code

**M V A 260 - 2.80 E H L K**

**Screw**
Metric Screw Head M2.5 Hex Drive _____ **M**
Standard Screw Head 3/32 Hex Drive__**[Blank]**

**Type**
Torque Limiting version*_____**TLC**
Standard version with Visual Indicator_____**V**
Standard version_____ **[Blank]**

**Finish**
Black Anodized_____ **A**
Or choose from Finish Table

**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 - through mounting holes_____**H**
Or choose from Mounting Method Table

**Lock Patch**
Lock Patch_____ **L**
None _____ **[Blank]**

Captive Screw _____ **K**
None _____ **[Blank]**

**Part Number Code Example:** MVA260-4.80H
Series 260 Card-Lok with M2.5 hex drive and visual indicator, black anodized finish, 121.9 (4.80) long, and standard rivet hole mounting

### FINISH TABLE

| CODE LETTER | SURFACE FINISH |
|---|---|
| [blank] | CHEM FILM PER MIL-DTL-5541 CLASS 3, GOLD |
| R | CHEM FILM PER MIL-DTL-5541 CLASS 3, TYPE II, CLEAR |
| A | BLACK ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 |
| HA | HARD BLACK ANODIZE PER MIL-A-8625 TYPE III, CLASS 2 |
| EN | ELECTROLESS NICKEL PER MIL-C-26074 CLASS 4, GRADE B, BRIGHT |

### MOUNTING METHOD TABLE

| CODE LETTER | METHOD |
|---|---|
| H | Ø1.73/1.85 (.068/.073) DIA. THROUGH HOLES COUNTERSINK 100° x 1.52 (.060) DEEP |
| T0 | 0-80 TAPPED HOLE |
| T2 | 2-56 TAPPED HOLE |
| TM2 | M2 x 0.40 TAPPED HOLE |
| TM2.5 | M2.5 x 0.45 TAPPED HOLE |

*NOTE: FOR THE TORQUE LIMITING "TLC" VERSION:
THE MINIMUM LENGTH IS 96.52 (3.80)
THE FRONT MOUNTING HOLE, NEAREST TO THE SCREW, WILL BE REPLACED WITH AN INDEXING PIN.
VISUAL INDICATOR, LOCK PATCH OPTIONS NOT AVAILABLE.
MUST CLICK 3+ TIMES FOR PROPER INSTALLATION

## nVent

## SCHROFF