



RECOMMENDED GAP WIDTH

PCB + 10.8 mm (.425 in)

RECOMMENDED TORQUE

227 N-cm (20 in-lbs)*
With "L" option 277 N-cm (24 in-lbs)

WEIGHT

2.18 g/cm (.195 oz/in)

MATERIALS AND FINISH

BODIES AND WEDGES

Material:

Aluminum Alloy 6061-T6 per per ASTM-B221 or AMS-QQ-A-200/8

Finish:

See finish table on opposite page

SHAFT

Material:

Aluminum alloy 7075-T6 per ASTM-B221 or AMS-QQ-A-200/11

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:

300 series stainless steel

Finish:

Passivated per AMS2700

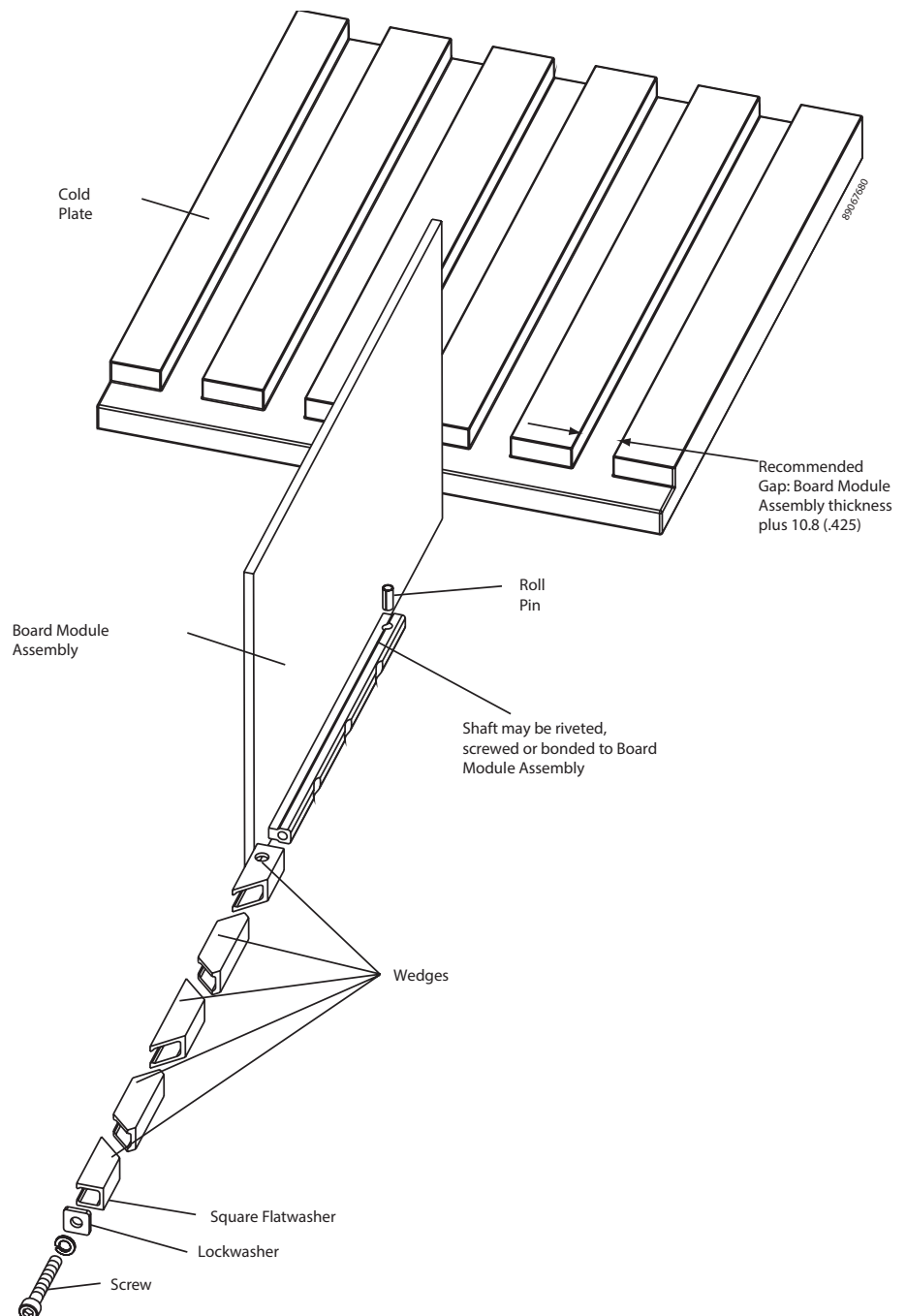
ROLL PIN

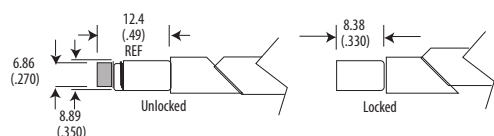
Material:

400 series stainless steel

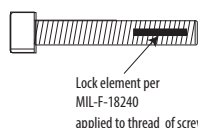
Finish:

Passivated per AMS2700

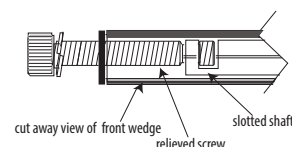


**Detail "V"**

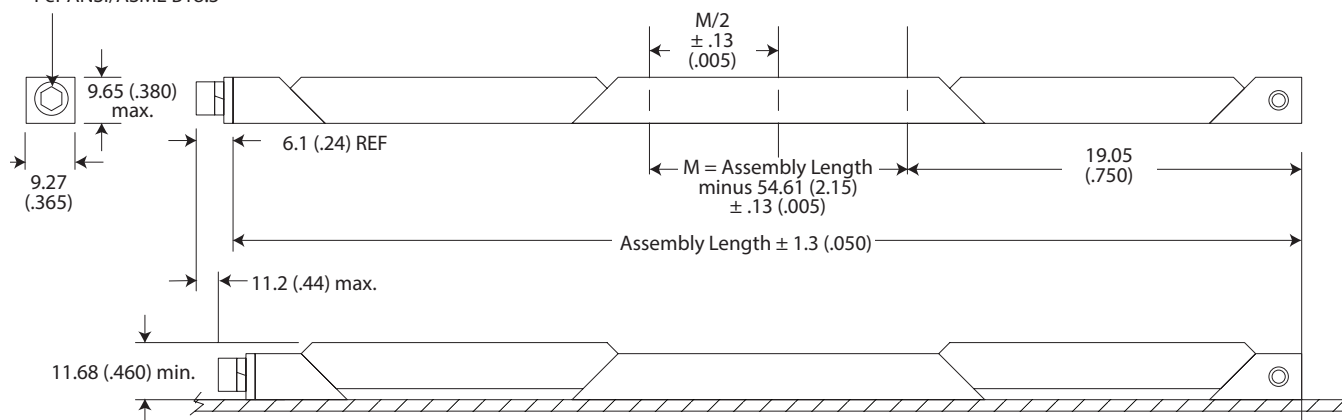
Provides visual lock indication

**Detail "L"**

Provides prevailing torque for resistance to loosening from shock and vibration. Adds 50 N-cm (4 in-lbs) torque to assembly.

**Detail "K"**

Prevents the unintentional disassembly of screw from shaft.

3.57 (.140) Hex Socket Cap
Per ANSI/ASME B18.3Center hole location
"E" option only

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.

89067682

Part Number Code

M V A 280 - 3.30 E H L K

ScrewMetric Screw Head M3 Hex Drive MStandard Screw Head 9/64 Hex Drive [Blank]**Type**Torque Limiting version* TLCStandard version with Visual Indicator VStandard version [Blank]**Finish**BlackAnodized A

Or choose from Finish Table

LengthLength in 12.7 (.50) increments 83.82 [3.30] to 325.12 [12.80]**Mounting**Additional Center Mounting Hole ENone [Blank]Mounting Options - through mounting holes H

Or choose from Mounting Method Table

Lock PatchLock Patch LNone [Blank]Captive Screw KNone [Blank]

Part Number Code example: A280-4.80HK

Series 280 Card-Lok five piece 121.9 (4.80) long with black anodize finish, standard rivet mounting hole, and captive screw option

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"	Ø3.40/3.53 (.0134/.139) DIA. THROUGH HOLES COUNTERSINK 60° x 3.81 (.150) DEEP
"T4"	4-40 TAPPED HOLE
"TM3"	M3 x 0.50 TAPPED HOLE

*NOTE: FOR THE TORQUE LIMITING "TLC" VERSION:
THE MINIMUM LENGTH IS 109.22 (4.30)
THE FRONT MOUNTING HOLE, NEAREST TO THE SCREW, WILL
BE REPLACED WITH AN INDEXING PIN.