

Calmark offers the Series L260 Lever-Lok "Card-Lok" retainer for cold plate/heat exchanger applications. This totally unique design provides tool free, lever action locking on the advance design Series 260 Card-Lok. The Series L260 provides visual indication of accurate, repeatable locking to a preset clamping force.

FEATURES

- Tool free actuation
- Visual indication of locked or unlocked status
- Preset and adjustable clamping force
- Clamping force consistently repeated
- Maintained wedge and body alignment for easy installation
- Special lengths, finishes, or other design options available on request

MATERIALS & FINISHES

WEDGES, SHAFT AND LEVER

Material:

Aluminum Alloy 6061-T6, ASTM-B221

Finish:

Wedge & Shaft: Black Anodize per Mil-A-8625 Type II, Class 2

Wedges: also have Dry Film Lube per Mil-L-46010 Type 1

Lever: Hard Black anodize per Mil-A-8625 Type III, Class 2

ADJUSTMENT SCREW

Material:

Stainless Steel per ASTM-A582\QQ-S-763

Finish:

Passivate per Mil-S-5002

Locking element per Mil-F-18240

HARDWARE

Material:

Front Washer: MPIF Standard 25

Rear Washer: ASTM-A240

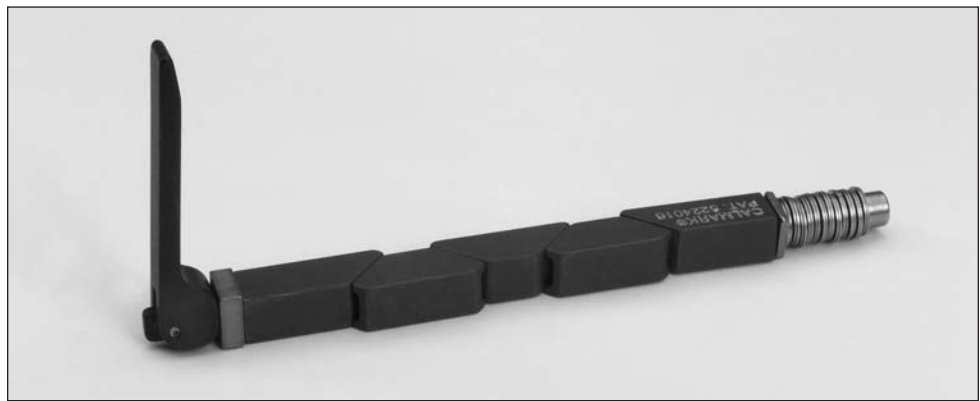
Spring Washers: ASTM-A266

Finish:

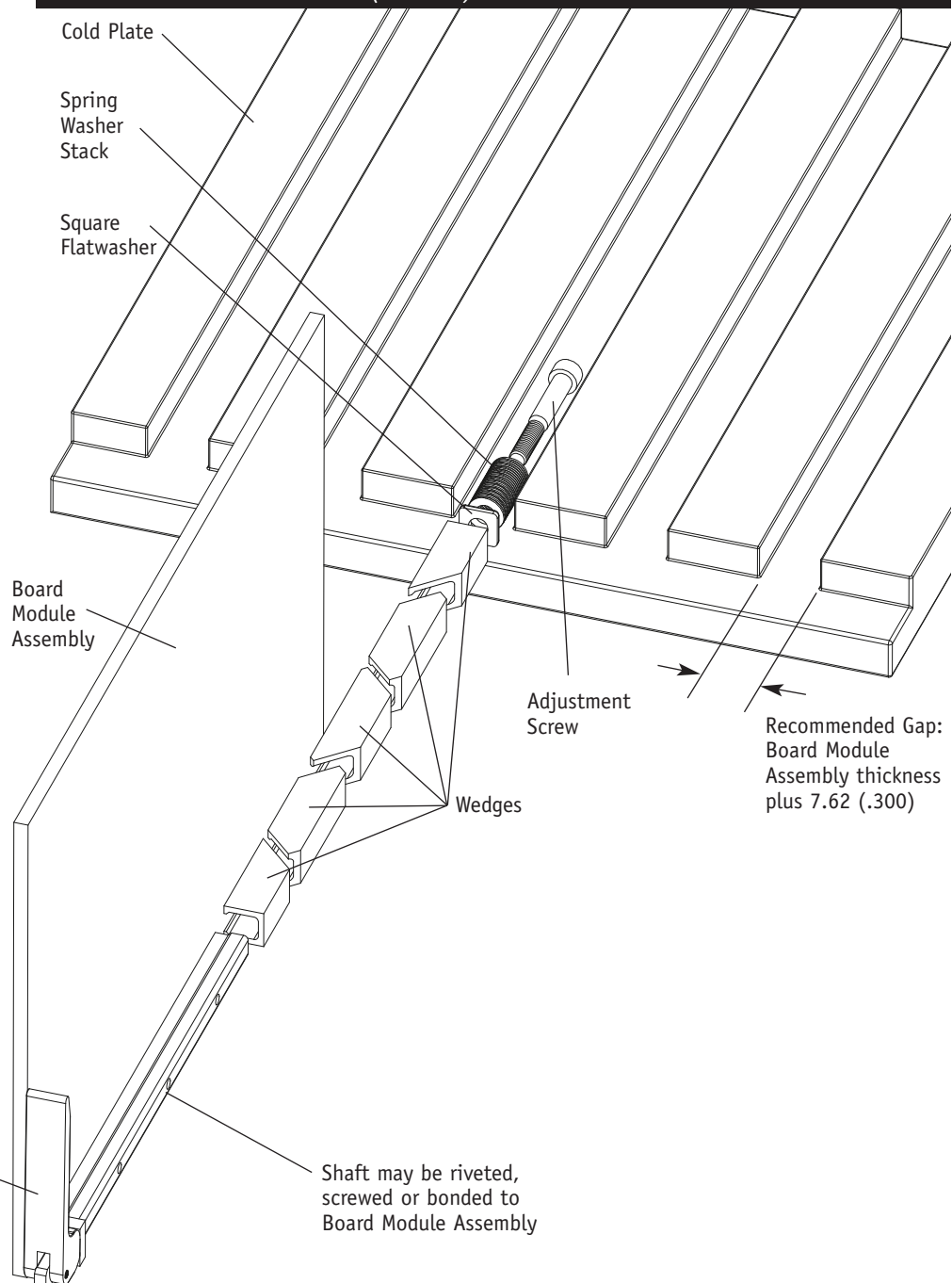
Passivate per Mil-S-5002

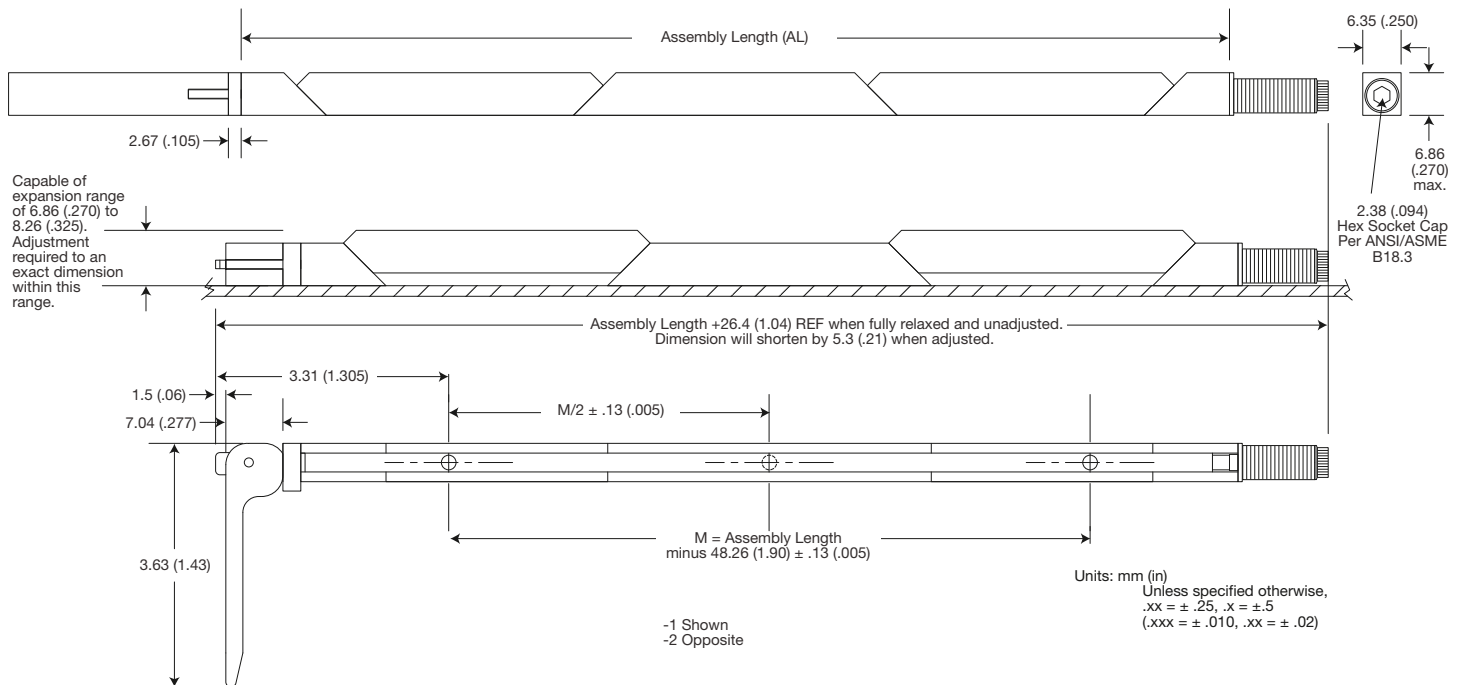
WEIGHT

1.17 g/cm (.105 oz/in)



Series L260 "Card-Lok" Retainer (lever-lok)





CLAMPING FORCE ADJUSTMENT PROCEDURE

Lever-Lok is furnished unadjusted and will require the use of the following procedure to achieve proper clamping.

NOTE: Factory preset adjustment available on request.

(See part number code)

1. Fasten Lever-Lok to Board Module Assembly
2. Insert Board Module Assembly into slot in cold plate
3. Actuate lever to locked/closed position
4. Tighten screw on end of shaft until wedges initially contact wall of cold plate slot, or slight insertion extraction drag is felt
5. Additionally tighten locknut 2 full turns. DO NOT EXCEED TWO (2) TURNS
6. Lever-Lok is now ready to use

CLAMPING FORCE DATA

Direct force of assembly is approximately 556N (125lbs), when adjusted per recommended procedure.

Direct force of assembly is affected approximately as follows:

26.7N (6lbs) per each .025 (.001) variation of cold plate slot width, or 169N (38lbs) per each full turn of screw.

Part Number Code

Series L260 Card-Lok Five Piece

L260 - 3.80 TM2 -1 P

Suffix options

Assembly length from 2.50 (63.5) to 12.99 (329.9) length.xx

Preferred lengths are 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80)

Other lengths available upon request

Mounting Options - M2 x 0.40 tapped holes TM2
or choose from Mounting Option Table see table

Lever Direction -1

-2

Factory Preset clamping force when expanded to 7.63 (.300)

556N (125lbs) P

645N (145lbs) P1

None [blank]

Part Number Code Example:

L260-3.80TM2-1

Series L260 five piece lever actuated Card-Lok 96.52 (3.80) long with black anodized finish, -1 lever direction and no factory preset clamping load.

MOUNTING METHOD TABLE

Code Letter	Method
[blank]	2-56 tapped hole
"TM2"	M2 x 0.40 tapped hole
"TM2.5"	M2.5 x 0.45 tapped hole