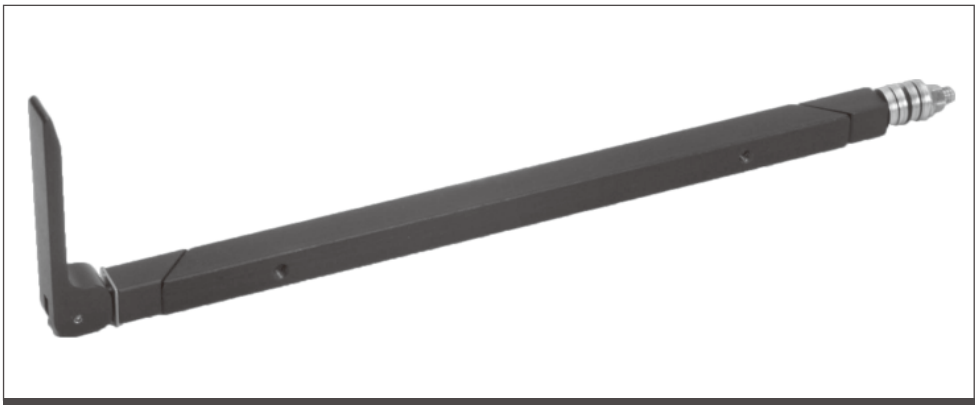


Series L225 Lever Lok

RECOMMENDED GAP WIDTH

PCB + 7.62 (.300)

WEIGHT

1.65 g/cm (.15 oz/in)

MATERIALS AND FINISH

WEDGES

Material:
Aluminum Alloy 6061-T6 per per ASTM-B221 or AMS-QQ-A-200/8
Finish:
Black Anodize per MIL-A-8625, Type II, Class 2

SCREW

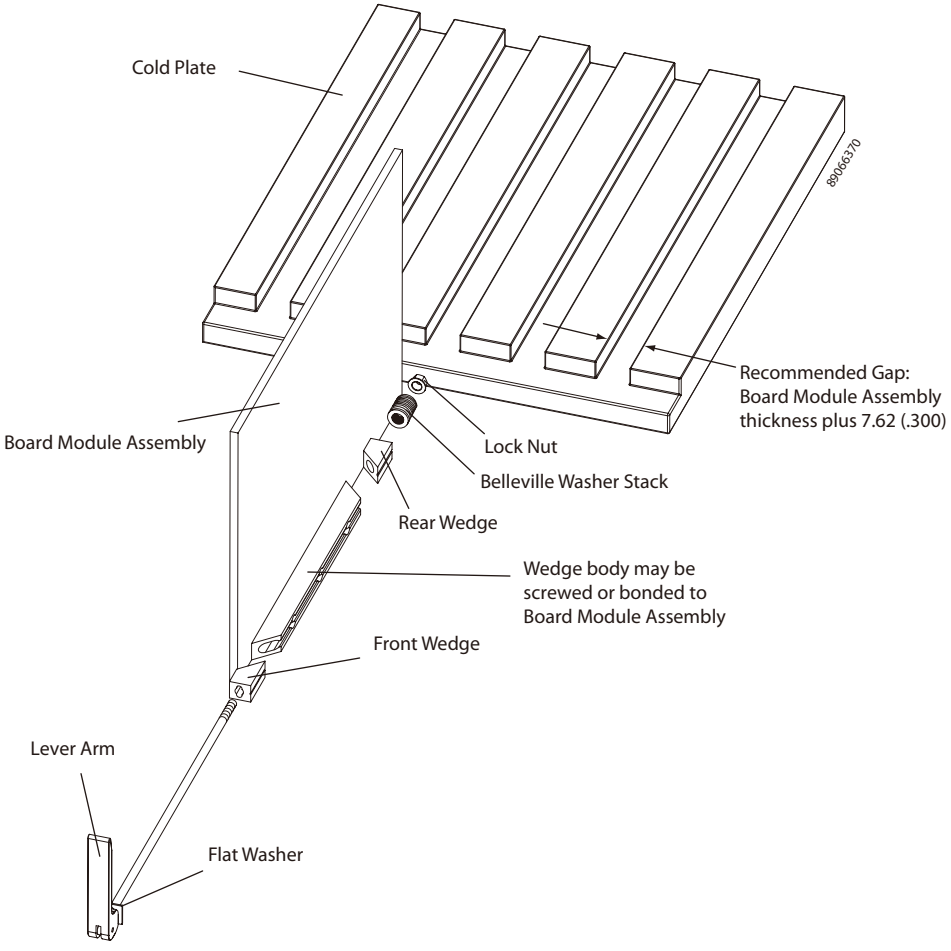
Material:
Stainless steel per QQ-S-763
Finish:
Passivated per AMS2700

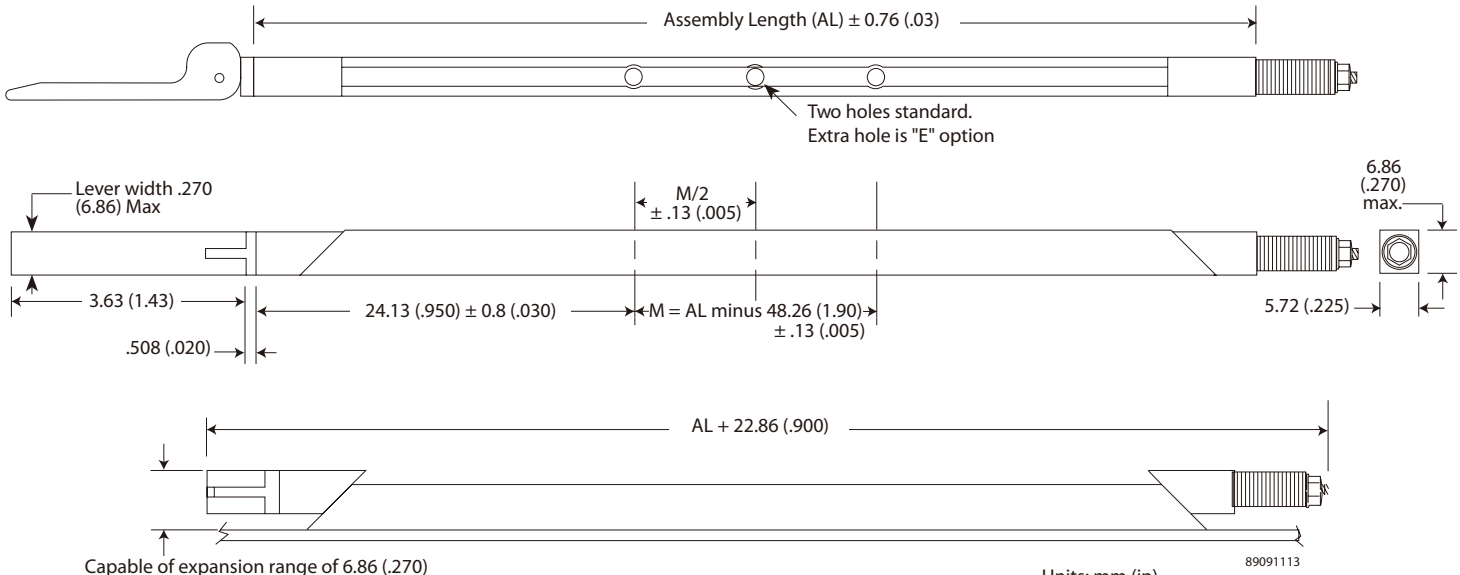
LEVER ARM

Material:
Aluminum Alloy 6061-T6 per per ASTM-B221 or AMS-QQ-A-200/8
Finish:
Hard Black Anodize per MIL-A-8625, Type III, Class 2

FLAT WASHER AND BELLEVILLE WASHERS

Material:
Stainless steel per QQ-S-763
Finish:
Passivated per AMS2700





Capable of expansion range of 6.86 (.270) to 8.26 (.325). Requires adjustment to an exact dimension within this range. See Application Data

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

APPLICATION DATA

CLAMPING FORCE ADJUSTMENT PROCEDURE

NOTE: Lever-Lok furnished assembled but not adjusted.

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 locknut on end of screw until wedges initially contact wall of cold plate slot, or slight insertion/ extraction drag is felt.
5. Additionally tighten locknut two (2) full turns. DO NOT EXCEED TWO (2) TURNS.

Lever-lok is now ready for use.

NOTE: Factory adjustment of clamping force available on request.

CLAMP FORCE DATA

Direct force of assembly is approximately 534N (120 lbs), when adjusted per recommended procedure.

Direct force of assembly is affected as follows: 8N (1.8 lbs) per each .025 (.001) variation of cold plate slot width, or 200N (45 lbs) per each full turn of locknut.

Part Number Code
Series L225 Card-Lok Three Piece ZL225 - 3.80 E T0

Suffix options

Assembly length in inches. Standard lengths range from 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80). Other lengths available upon request	***length.xx***
Additional Center Mounting Hole	**E**
No additional center mounting hole	***[blank]***
Mounting Options - 0-80 tapped holes or choose from Mounting Option Table	**T0**

Part Number Code Example:

L225-2.80

Series L225 Ejecting Card-Lok three piece 71.12 (2.80) long with black anodize finish and 2-56 tapped holes

MOUNTING METHOD TABLE

Code Letter	Method
[blank]	2-56` tapped hole
"T0"	0-80 tapped hole
"TM2"	M2 x 0.40 tapped hole
"TM2.5"	M2.5 x 0.45 tapped hole