# LCF SNAP LOCK STANDING SEAM
## METAL PANEL CLIPS

***SNAPLOCK PANEL CLIPS***
Designed for secure fastening of snap lock style standing seam/concealed fastener metal roofing systems. All LCF panel clips are designed to meet FBC 1506.7 corrosion resistance requirement. Panel clips can be manufactured to fit panels from most brands and styles of roll forming machines. Please specify make and model of machine when ordering. Most styles are designed with builtin fastener relief to help eliminate panel dimpling.

1-3/4" Snaplock Ultra Length HD
For 1-3/4" Snaplock Panels multiple ver-sions to fit Quadro, RF, Newtech 675, D175S Knudson, US 175
18 ga steel or SS, 2 hole, 3-1/2" width.

| Gauge | Qty/Box | Part# | Height |
|---|---|---|---|
| 18G Galv | 250 | CSN134312G18V 3 | 1.88" |
| 18G SS | 250 | CSN134312S18V 3 | 1.88" |

1-3/4" Snaplock Ultra Lgth HD VMOD
For 1-3/4" Snaplock Panels to fit E S2000, PC Snapclad, MS Verticalseam. Modified with lower fastener relief and screw holes to accommodate XLP fasteners.
18 ga steel or SS, 2 hole, 3-1/2" width.

| Gauge | Qty/Box | Part# | Height |
|---|---|---|---|
| 18G Galv | 250 | CSN134312G18VMOD | 1.88" |
| 18G SS | 250 | CSN134312S18VMOD | 1.88" |

1-3/4" Snaplock Econo LD
Fits 1-3/4" Snaplock Panels (17/8") fits Quadro, Rollformer, Newtech 675, Knudson, E US 175
18 ga steel or SS, 3 hole, 2-1/4" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 18G Galv | 400 | CSN134214G18V |
| 18G SS | 400 | CSN134214S18V |

1-1/2" Snaplock NT550 HD
Fits Newtech 550, D550S
20 ga steel or SS, 2 hole, 3-1/2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 20G Galv | 250 | CSN112916G20NHDV |
| 20G SS | 250 | CSN112916S20NHDV |

1-1/2"/1-1/4" Snaplock Newtech 450HD
no fastener relief dimples and flat tongue.
Fits 450, Plusmax, D450, SOP15
24 ga steel or SS, 3 hole, 3" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 500 | CSN11430G24V |
| 24G SS | 500 | CSN11430S24V |

1-1/2" Snaplock Ultra Length QSL HD
Fits 11/2" Snaplock Panels fits Quadro, E 1500
18 ga steel or SS, 2 hole, 3-1/2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 18G Galv | 125 | CSN112312G18QV |
| 18G Galv | 125 | CSN112312G18QVMOD |
| 18G SS | 125 | CSN112312S18QV |

1-1/2" Snaplock Econo QSL LD
Fits Quadro 1-1/2" Snaplock Panels E 1500
20 ga steel or SS, 3 hole, 2-1/4" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 20G Galv | 500 | CSN112214G20QV |

1" Snaplock Econo QSL LD
Fits Quadro 1" Snaplock Panel
24 ga steel, 2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 1,000 | CSN10020G24QSLV |

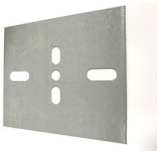
450SL 1-1/2" Snaplock 450SL HD (1-1/4")
Fits Newtech 450SL, DMC 450SL
24 ga steel or SS, 3 hole, 3" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 500 | CSN1143SLU24GNKOV |
| 24G SS | 500 | CSN1143SLU24SNKOV |

1-1/4" Snaplock Utility Panel Clip
Fits 1-1/4", 1-1/2" Snaplock Panels
Actual clip size 1-3/8" x 2", w/dog ears
24 ga steel, 2 hole, 2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 600 | DMIUPCGV |
| 24G 304SS | 600 | DMIUPCSV |

***LCF UNIVERSAL BEARING PLATES -***
Create a load bearing surface for panel clips or fasteners overtop of insulation boards.



Universal 4" x 5" slotted for Panel Clips

| Size | Gauge | Qty/Box | Part# |
|---|---|---|---|
| 4" x 5" | 20ga G90 | 250 | UBP4620GV |
| 4" x 5" | 24ga G90 | 250 | UBP4624GV |
| 4" x 5" | 20ga 304SS | 250 | UBP4520S |

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# LCF MECHANICAL LOCK STANDING SEAM

## FIXED METAL PANEL CLIPS

***MECHANICAL LOCK FIXED PANEL CLIPS***

Designed for secure fastening of mechanical lock style standing seam / concealed fastener metal roofing systems. All LCF panel clips are designed to meet FBC 1506.7 corrosion resistance requirement. Panel clips can be manufactured to fit panels from most brands and styles of roll forming machines. Please specify make and model of machine when ordering. Most styles are engineered to give fastener relief, and heights of clips are listed in panel height. 1" tall panel would use 1-1/8" tall clip, 1-1/2" panel would use 1-5/8" clip, etc.

### 1" Mechanical Lock (1-1/8")

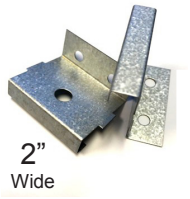
7/16" Top fits RF, NT, KN, D100SS, EA1301, Galv or SS, 2 hole, 2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 26G Galv | 1,000 | CMF1002716G26V |
| 24G SS | 1,000 | CMF1002716S24 |
| 26G SS | 1,000 | CMF1002716S26 |

### 1-1/2" Mechanical Lock (1-5/8")

7/16"Top fits RF,NT,KN, EA1300,D150SS Galv or Stainless, 2 hole, 2" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 1,000 | CMF1502716G24V |
| 24G SS | 1,000 | CMF1502716S24V |
| 26G Galv | 1,000 | CMF1502716G26V |
| 26G SS | 1,000 | CMF1502716S26V |




### 1-1/2" Mechanical Lock NFR(1-1/2")

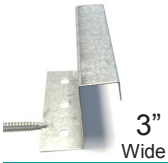
7/16" Top fits Z1500, KR12, EA1300 US 1505, D150SS 2 hole, 2" width NFR= No built in fastener relief this 1-1/2" panel clip is 1-1/2" in height.

| Gauge | Qty/Box | Part# |
|---|---|---|
| 26G Galv | 1,000 | CMF1372716G26 |
| 24G SS | 1,000 | CMF1502716S24NFR |
| 26G SS | 350 | CMF1502716S26NFR |

### 1-1/2" Mechanical Lock HD (1-5/8")

7/16" Top fits Z1500, EA1300, KR24,RF, US 1505 D150SS, 2 or 3 hole, 3" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 500 | CMF1503716G24V |
| 24G SS | 500 | CMF1503716S24V |




### 2"(2-1/8") Newtech Mechanical Lock

3/4" Top fits RF, NT Ultraseam, Knudson, E, 3 hole, 3" width.

| Gauge | Qty/Box | Part# |
|---|---|---|
| 24G Galv | 600 | CMF218334G24 |
| 24G SS | 300 | CMF218334S24 |

### 1-1/2" Mechanical Lock XHD (1-5/8")

7/16" Top fits Z1500, EA1300, KR24,RF, US 1505 D150SS, 4 hole, 6" width

| Gauge | Qty/Box | Part# |
|---|---|---|
| 22G Galv | 250 | CMF1506716G22V |
| 24G SS | 250 | CMF1506716S24V |

***EXPANSION CLIPS FOR MECHANICAL LOCK PANEL CLIPS***

Designed to allow for thermal expansion while providing secure fastening of mechanical lock style standing seam / concealed fastener metal roofing systems. The expansion style clips are available in 3 different styles; one piece pre-assembled style, a two piece job site assembled and a butterfly style two piece job site assembled. All panel clips are designed to meet FBC 1506.7 corrosion resistance requirements.

### 1-1/2" One Piece Expansion fits Quadro, Newtech SS150, RF VS150 2 hole, 4-3/8" width, 1/2" standoff.

Galvanized G90 Top 22ga, Base 16G.
Stainless 304S Top 24ga, Galv Base 16G
Stainless 304S Top 26ga, Galv Base 16G

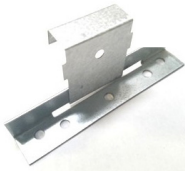
| Gauge | Qty/Box | Part# | Top/Base |
|---|---|---|---|
| Galvanized | 100 | CMEMLG150 | 22/16 |
| Stainless | 100 | CMEMLS150 | 24/16 |
| Stainless | 100 | CMEMLS150LD | 26/16 |

### 1-1/2" Two Piece Expansion Assembled

7/16" Top fits Newtech and Quadro , SS150 5 hole, 5 base width. Ideal for wood sub-strates, 24 ga base, 26 ga top assembled

| Qty/Box | Part# 24ga Base | Material |
|---|---|---|
| 500 | CMEMLG1502426 | GALV |
| 500 | CMEMLS1502426 | Stainless |

| Qty/Box | Part# 16ga Base | Material |
|---|---|---|
| 500 | CMEMLS1501626 | Stainless |



### 2" Newtech 2PC Expansion

3/4" Top fits Newtech Machines, SSQ200 5 hole, 5 base width. Field assembly required Ideal for wood substrates.

| Desc | Qty/Box | Part# | Material |
|---|---|---|---|
| Top 24G | 1,000 | CMT2003416G24 | GALV |
| Top 24S | 1,000 | CMT2003416S24 | 304 SS |
| Top 26S | 1,000 | CMT2003416S26 | 304 SS |
| Base 18G | 500 | CMB500G18 | GALV |

### 2" Newtech 1 PC Expansion

3/4" Top fits Newtech Machines,SSQ200, NT SS200, NT SS200, ZIM SS2000, SL/DL 2 hole, 4-3/8" width, 1/2" standoff. Galvanized G90 Top 22ga, Base 16G. Stainless 304S Top 24ga, Galv Base 16G

| Type | Qty/Box | Part# |
|---|---|---|
| Galvanized | 100 | CMEMLG200NT |
| Galvanized | 80 | 1020252 |
| Stainless | 100 | CMEMLS200NT |

### 2" Quadro 1PC Expansion

5/8" Top fits Quadro Machines
2 hole, 4-3/8" width, 1/2" standoff.
Galvanized G90 Top 22ga, Base 16G.
Stainless 304S Top 24ga, Galv Base 16G

| Gauge | Qty/Box | Part# |
|---|---|---|
| Galvanized | 100 | CMEMLG200QP |
| Galvanized | 100 | CMEMLG200QPV |
| Galvanized | 100 | 1069206 |
| Stainless | 100 | CMEMLS200QP |

### 2" Newtech 1PC NT SS210

3/4" Top fits RF23C, ZIM SS2000, US 200, US200C E S2500, 2 hole, 4-3/8" width, Galvanized G90 Top 22ga, Base 16G. Low Float Style

| Type | Qty/Box | Part# |
|---|---|---|
| Galvanized | 100 | 753279 |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