DMI
DIRECT METALS INC.

PANEL CLIP SELECTION GUIDE
PRODUCT CATALOG
JUNE 1, 2023

DMI SNAPLOCK PANEL CLIPS

Designed for secure fastening of snap lock style standing seam/concealed fastener metal roofing systems. All DMI 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 built-in fastener relief to help eliminate panel dimpling.

675 — 1-3/4" Snaplock Ultra Length HD
For 1-3/4" Snaplock Panels multiple versions to fit Quadro, RF, Newtech 675, D175S Knudson & ES2000, 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 Galv	250	CSN134312G18	1.875"
18G SS	250	CSN134312S18V-3	1.88"
18G SS	250	CSN134312S18	1.875"

675 — 1-3/4" Snaplock Econo LD
Fits 1-3/4" Snaplock Panels (1-7/8") 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 Galv	400	CSN134214G18
18G SS	400	CSN134214S18V
18G SS	400	CSN134214S18

550 — 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	CSN112916G20NHD
20G Galv	250	CSN112916G20NHDV
20G SS	250	CSN112916S20NHD
20G Galv	250	CSN112916S20NHDV

450 — 1-1/2"/1-1/4" Snaplock Newtech 450HD
no fastener relief dimples and flat tongue.
Fits 450, EA1000, Plusmax, D450, SOP15
24 ga steel or SS, 3 hole, 3" width

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

450 — 1-1/2"/1-1/4" Snaplock Newtech 450 LD
Fits Modified 450 panel and other utility panels. Fits Newtech 450 and EA1000, D450.
24 ga steel or SS, 2 hole, 2" width
(a) 3/4" DL, with dimples and raised tongue
(b) 3/4" DL, no dimples and flat tongue
(c) 7/8" DL, with dimples and raised tongue

Gauge	Qty/Box	Part#
24G Galv	600 (a)	CSN11420G24U
24G SS	600 (a)	CSN11420S24U
24G Galv	600 (b)	CSN11420G24UNDFT
24G SS	600 (b)	CSN11420S24UNDFT
24G Galv	600 (c)	CSN11420G24U78
24G SS	600 (c)	CSN11420S24U78

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

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

450SL — 1-1/4"/1-1/2" Snaplock 450SL LD
Fits Snaplock Econo Panels
Fits Newtech 450SL, DMC 450SL
24 ga steel or SS, 2 hole, 2" width

Gauge	Qty/Box	Part#
24G Galv	600	CSN114SLU24GNKO
24G SS	600	CSN114SLU24SNKO

1-1/2" Snaplock Ultra Length QSL HD
Fits 1-1/2" Snaplock Panels
fits Quadro, D450SL & E 1500
18 ga steel or SS, 2 hole, 3-1/2" width

Gauge	Qty/Box	Part#
18G Galv	125	CSN112312G18QV
18G Galv	125	CSN112312G18Q
18G Galv	125	CSN112312G18QV-MOD
18G SS	125	CSN112312S18QV
18G SS	250	CSN112312S18Q

1-1/2" Snaplock Econo QSL LD
Fits Quadro 1-1/2" Snaplock Panels
E 1500, D450SL
20 ga steel or SS, 3 hole, 2-1/4" width

Gauge	Qty/Box	Part#
20G Galv	500	CSN112214G20QV
20G Galv	500	CSN112214G20Q
20G SS	500	CSN112214S20Q

1-1/4" Snaplock Econo QSL LD
Fits Utility Panels, fits Quadro
24 ga steel 2" width

Gauge	Qty/Box	Part#
24G Galv	600	CSN11420G24QSL
24G Galv	600	CSN11420G24QSLV

1" Snaplock QSL HD
Fits Quadro 1" Snaplock Panel
18 ga steel 3.5" width

Gauge	Qty/Box	Part#
18G Galv	200	CSN100350G18QSL

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

Gauge	Qty/Box	Part#
24G Galv	1,000	CSN10020G24QSL
24G Galv	1,000	CSN10020G24QSLV
24G SS	1,000	CSN10020S24QSL

1-3/4" Zimmerman SL HD
For 1-3/4" Snaplock Panels multiple versions to fit Zimmerman Z175 Panels
18 ga steel or SS, 2 hole, 3-1/2" width

Gauge	Qty/Box	Part#	Height
18G Galv	250	CSN134312G18V	1.83"
18G SS	250	CSN134312S18V	1.83"

1" or 1-1/2" Zimmerman
Fits 1", 1-1/2" Zim Snaplock Panels
24 ga steel or 304SS, 2 hole, 3" width

Gauge	Qty/Box	Part#
24G Galv	500	CSN112916G24Z
24G SS	500	CSN112916S24Z

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

1" Snaplock Rollformer Corp Clip
Fits 1" Snaplock Panels (1-1/8")
Fits Rollformer
22 ga steel or 304SS, 2 hole, 2" width

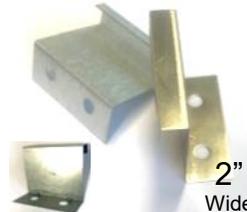| Gauge	Qty/Box	Part#
22G Galv	1,000	CSN118200G22RFV
22G SS	1,000	CSN118200S22RFV

MECHANICAL LOCK STANDING SEAM
FIXED METAL PANEL CLIPS

DMI MECHANICAL LOCK FIXED PANEL CLIPS
Designed for secure fastening of mechanical lock style standing seam / concealed fastener metal roofing systems. All DMI 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.
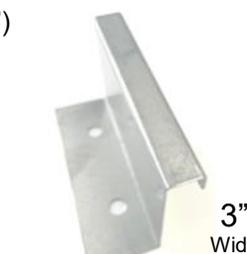
1" Mechanical Lock (1-1/8")
7/16" Top fits RF, NT, KN, D100SS, EA1301, Galv or SS, 2 hole, 2" width

2" Wide

Gauge	Qty/Box	Part#
26G Galv	1,000	CMF1002716G26V
26G Galv	1,000	CMF1002716G26
24G Galv	1,000	CMF1002716G24
24G Galv	1,000	CMF1002716G24V
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

2" Wide

Gauge	Qty/Box	Part#
24G Galv	1,000	CMF1502716G24V
24G Galv	1,000	CMF1502716G24
24G SS	1,000	CMF1502716S24
26G Galv	1,000	CMF1502716G26V
26G Galv	1,000	CMF1502716G26
26G SS	1,000	CMF1502716S26V
26G SS	1,000	CMF1502716S26

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.

2" Wide

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

3" Wide

Gauge	Qty/Box	Part#
24G Galv	500	CMF1503716G24V
24G SS	500	CMF1503716S24V
24G SS	500	CMF1503716S24

2"(2-1/8") Newtech Mechanical Lock
3/4" Top fits RF, NT Ultraseam, Knudson, E,   3 hole, 3" width.

3" Wide

Gauge	Qty/Box	Part#
24G Galv	600	CMF218334G24
24G SS	300	CMF218334S24
22G Galv	600	CMF218334G22

1-1/2" Mechanical Lock XHD (1-5/8")
7/16" Top fits Z1500, EA1300, KR24,RF,
US 1505 D150SS, 4 hole, 6" width

6" Wide

Gauge	Qty/Box	Part#
22G Galv	250	CMF1506716G22
22G Galv	250	CMF1506716G22V
24G SS	250	CMF1506716S24
24G SS	250	CMF1506716S24V

2"Quadro Mechanical Lock
5/8" Top fits Quadro
3 hole, 3" width.

3" Wide

Gauge	Qty/Box	Part#
24G Galv	600	CMF218358G24
24G SS	300	CMF218358S24

3" T-Panel Clip
3 hole, 16 ga G90 Galv or 409 Stainless
4.26" wide top, 2.0" wide base.

Qty/Box	Part#	Material
100	CME300TG16	GALV
100	CME300TG16V	GALV
100	CME300TS16	STAINLESS
100	CME300TS16V	STAINLESS

DMI 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"	20ga G90	250	UBP4620G
4" x 5"	24ga G90	250	UBP4624GV
4" x 5"	20ga 304SS	250	UBP4520S

ADDITIONAL METAL STAMPINGS

Commercial Box Gutter HD Hangers
18 ga G-90 Galvanized or 0.063" Aluminum,
200 pieces per box
5", 6", 7" and 8" available

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 DMI panel clips are designed to meet FBC 1506.7 corrosion resistance requirements.

2" Newtech 1 PC Single L Expansion
3/4" Top fits Newtech Machines,SSQ200, NT SS200, NT SS210, ZIM SS2000
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	100	CMEMLG200NTV
Galvanized	80	1020252
Stainless	100	CMEMLS200NT
Stainless	100	CMEMLS200NTV

2" Newtech 1PC Double L Expansion
3/4" Top fits Newtech SS200, SS210, RF23C, ZIM SS2000, US-200, US-200C
2 hole, 4-3/8" width, Galvanized G90 Top 22ga, Base 16G.

Type	Qty/Box	Part#
Galvanized	100	753279
Galvanized	100	CMEMLG200NTDLLV
Stainless	100	CMEMLS200NTDLLV

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 Butterfly Style Expansion
3/4" Top fits Newtech Machines, SSQ200, NTSS200, NTSS210,RF23c,US200, ZIMSS2000
2 hole 4-3/8" base, ribbon top. Ideal for wood substrates. Field assembly required.

Desc	Qty/Box	Part#	Material
Top 22G	150	1216534	GALV
Top 22S	150	1342536	304 SS
Base 22G	150	1126600	GALV

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" Knudson KR24 1PC Expansion
0.660 Top fits Knudson KR24 Profile
2 hole, 4.3" width, 0.40" standoff.
Galvanized G90 Top 22ga, Base 16G.
Stainless 304S Top 24ga, Galv Base 16G

Gauge	Qty/Box	Part#
Galvanized	80	728907
Galvanized	100	CMELS200KR24DLPV
Stainless	80	747235

1" Knudson Two Piece Expansion Asm
7/16" Top, 7/32 DL fits Knudson ML,
3 hole base. This 2 piece clip comes assembled. Ideal for wood substrate

Gauge	Qty/Box	Part#
26G/26G	500	CMT1002716G2626GK
24G/24G	500	CMT1002716G2424GK
24S/26S	500	CMT1002716S2426GK

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
7/16" Top fits Newtech and Quadro , SS150
5 hole, 5 base width. This 2 piece clip requires field assembly. Each piece top and bottom sold separately. (Ideal for wood substrates)

Gauge	Qty/Box	Part#	Material
Top 24G	1,000	CMT1502716G24	GALV
Top 26G	1,000	CMT1502716S26	SS
Base 18G	500	CMB500G18	GALV

1-1/2" Butterfly Style Expansion Clip
2 hole 4-3/8" base, ribbon top. SS150
Field assembly required as this clip is sold in two different parts.

Part	Gauge	Qty/Box	Part#	
Top	24 Galv	200	1238708	S.O.
Top SS	24 304SS	200	1238709	S.O.
Top SS	26 304SS	200	1236937	S.O.
Base	22 Galv	200	1126602	S.O.

TRQ-250 Newtech Trapezoid Panel Expansion Clip fits TRQ250
2 hole, 22 ga top, 16 ga base, G90 Galv.

Qty/Box	Part#	
100	B110230	S.O.

3" T-Panel Clip
3 hole, 16 ga G90 Galv or 409 Stainless
4.26" wide top, 2.0" wide base.

Qty/Box	Part#	Material
100	CME300TG16	GALV
100	CME300TG16V	GALV
100	CME300TS16	STAINLESS
100	CME300TS16V	STAINLESS

DMI
DIRECT METALS INC.

Distributor order entry or product inquires:
Toll Free Phone: 855-800-8878
Toll Free Fax: 855-800-8877
orders@directmetalsinc.com
Website: www.directmetalsinc.com

We are proud to have over 1600 distributors across the United States of America. These distributors are serviced through our warehousing locations strategically placed to offer fast service and low shipping cost on our quality products.
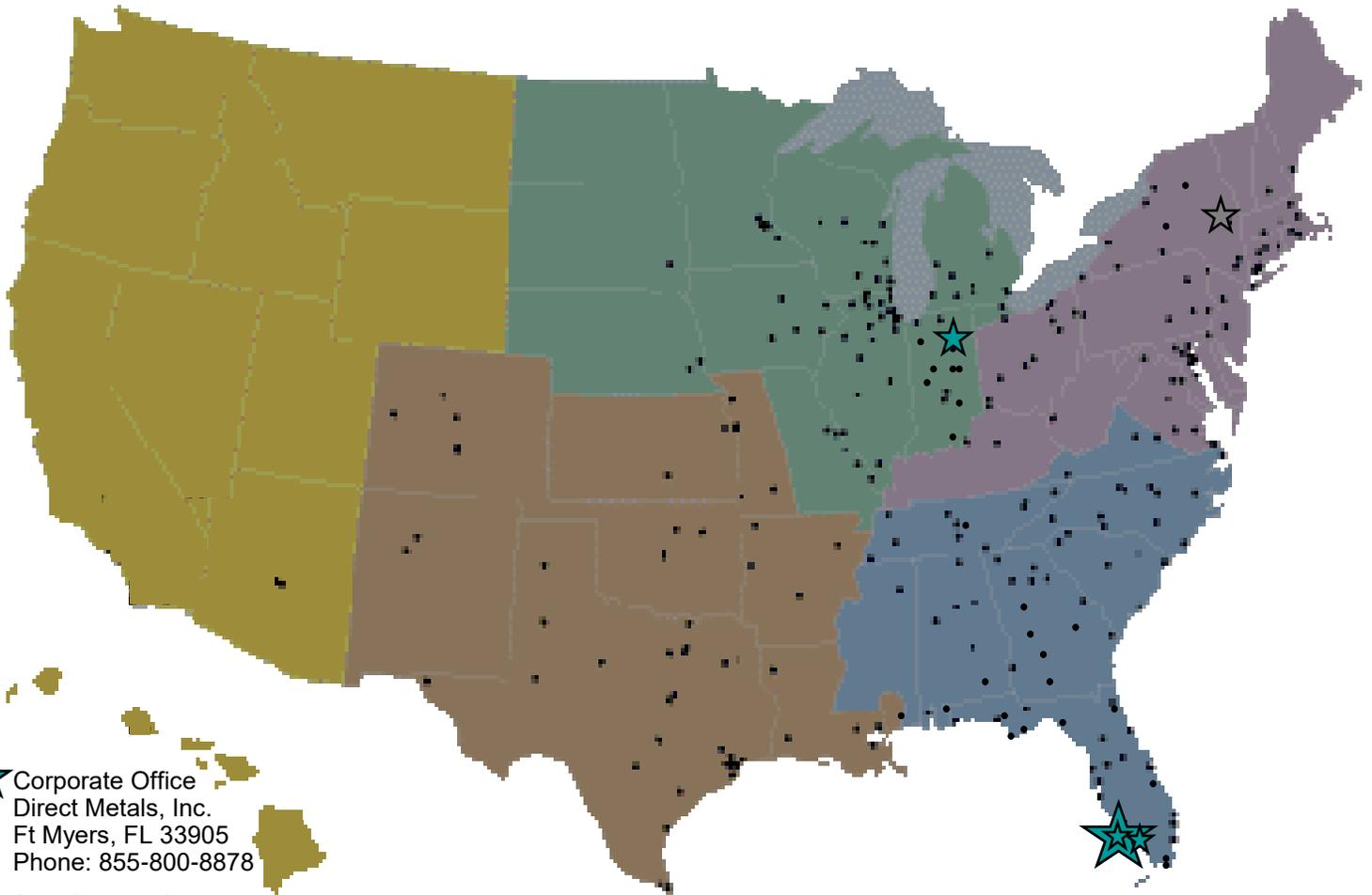
Corporate Office
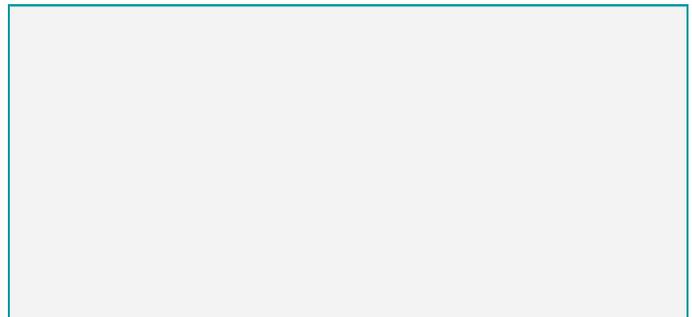Direct Metals, Inc.
Ft Myers, FL 33905
Phone: 855-800-8878

S.E. Service Center
1719 Baseline Ct.
Ft Myers, FL 33905
Phone: 239-599-8527
Fax: 239-599-8545
Inquiries: orders@directmetalsinc.com

Low Slope Roofing Service Center
4244 Edison Ave
Ft Myers, FL 33916
Inquiries: orders@directmetalsinc.com

Midwest Service Center:
Direct Metals of Indiana
1800 Jim Neu Drive, Suite 3
Plymouth, IN 46563
Phone: 574-935-3644
Fax: 574-935-3643
inquiries: orders@directmetalsinc.com

Interior Construction Products Service Center, N.Y.

Your Direct Metals, Inc. distributor is:

www.directmetalsinc.com