



Self Drilling Fastener Catalog

January 1, 2022



Solutions for:

Metal Roofing

Architectural Standing Seam

Commercial Low Slope Roofing

Steel Building Construction

LOW PROFILE HEAD SELF DRILLING FASTENERS

PANCLIP-SD for applications that require a low profile head with large flat under head load bearing surface. The Panclip head combines a larger clamping surface than a PFH fastener and a lower profile than a HWH or hex head fastener. Designed primarily for the installation of standing seam metal roofing panel clips and commercial roofing stress and seam plates. The Panclip also has many other applications such as window, door, fixture, liner panel, cladding and siding panel installations. Panclip SD-L fasteners are for wood, masonry or light gauge metal applications.

PANCLIP-SD-L SELF DRILLING MTM

Light gauge applications up to 16 ga

#14-13 Panclip fastener designed for panel clip, stress plate, nailbase and fixture attachment to metal decking from 22 ga to 16 ga in thickness. The truss style thread is also suitable for installations into wood and also masonry and concrete with a 3/16" predrill. The Panclip SD-L features the DMG85 black coating that meets FBC and MDC corrosion resistance requirements. Panclip SD-L has a #2 square drive and precision drill point. Bulk packaged.



L 21-0630.03
(DMIPL1415D, DMIPL1420D100)

| PANCLIP SD-L COATED BLACK B=BULK | | |
|----------------------------------|-----------|----------------|
| Available Sizes | Qty/Box | Part# |
| #14 x 1-1/2" | 2,500 | DMIPL1415D |
| #14 x 2" | 100/2,400 | DMIPL1420D100 |
| #14 x 3" | 1,000 | DMIPL1430D |
| #14 x 4" | 1,000 B | DMIPL1440D |
| #14 x 5" | 1,000 B | DMIPL1450D |
| #14 x 6" | 1,000 B | DMIPL1460D |
| #14 x 7" | 1,000 B | DMIPL1470D |
| #14 x 8" | 500 B | DMIPL1480D |
| #14 x 10" | 100/300 | DMIPL14100D100 |
| #14 x 12" | 100/200 | DMIPL14120D100 |

Multi-Purpose for Metal Deck, Wood, or Masonry Concrete Substrates

PANCLIP-SD SELF DRILLING MTM

Medium gauge applications .036"-.210"

Panclip low profile pancake head mated to a self drilling drill point for drill and tap performance into metal and steel substrates. SD2 and SD3 point fasteners are designed to self drill and tap into metal substrates from 22ga up to 8 ga steel.

PANCLIP-SD features the 1000hr DMG85 silver coating to meet FBC1506.6 and other corrosion resistance requirements. Packaged in 250 count bags.



| PANCLIP SD - DMI SILVER COATED P2/S2 | | |
|--------------------------------------|---------|--------------|
| Available Sizes | Qty/Box | Part# 1000hr |
| #10-16 x 1" SD2 | 5,000 | DMIPD210100C |
| #10-16 x 1-1/2" SD2 | 2,500 | DMIPD210150C |

| | | |
|-----------------|-------|--------------|
| #12-14 x 1" SD3 | 5,000 | DMIPD312100C |
| #12-14 x 2" SD3 | 2,000 | DMIPD312200C |

| | | |
|---------------------|-------|--------------|
| 1/4-14 x 1-1/4" SD3 | 3,500 | DMIPD314125C |
| 1/4-14 x 4" SD3 | 1,000 | DMIPD314400C |
| 1/4-14 x 6" SD3 | 1,000 | DMIPD314600C |
| 1/4-14 x 8" SD3 | 500 | DMIPD314800C |

PANCLIP-SD HD #14 SELF DRILLING MTM

Heavy gauge/purlin applications .12"-.250"

Panclip low profile pancake head designed for installing panel clips, fixtures and stress plates into steel substrates. PANCLIP-SD HD features a SD4 heavy drill point and square drive #3 for driving stability. Fully coated with DMG85 FBC 1506.6/MDC Coating.



| PANCLIP SD4 HD - DMI SILVER COATED SQ3 | | |
|--|---------|--------------|
| Available Sizes | Qty/Box | Part# 1000hr |
| 1/4-20 x 1-1/2" | 2,500 | DMIP414150TC |
| 1/4-20 x 3" | 1,500 | DMIP414300TC |
| 1/4-20 x 5" | 1,000 | DMIP414500TC |
| 1/4-20 x 7" | 500 | DMIP414700TC |
| Bulk packaged (not bagged) | | |

SD4 point fasteners are designed to self drill and tap into metal substrates from 12ga up to 1/4" thick steel beams.

PANCLIP-SD-SS-L STAINLESS STEEL MTM

Light gauge applications up to 18 ga

#14-13 Stainless Steel fastener designed for clip, stress plate, nailbase and fixture attachment to metal decking from 22ga to 18ga in thickness. The Silver DMG85 coating provides a high level of corrosion & dissimilar metal reaction resistance. Panclip SD-SS-L comes bulk packaged and has a #2 square drive. DMG85 coated 410 Stainless steel exceeds 1506.6 & MDC standards.



| PANCLIP SD-SS-L 410SS CTD BULK | | |
|--------------------------------|---------|-------------|
| Available Sizes | Qty/Box | Part# |
| #14 x 1-1/2" | 2,500 | DMIP41415D |
| #14 x 3" | 1,000 | DMIP41430D |
| #14 x 5" | 500 | DMIP41450D |
| #14 x 7" | 500 | DMIP41470D |
| #14 x 10" | 500 | DMIP414100D |

Multi-Purpose for Metal Deck, Wood, or Masonry Concrete Substrates

PANCLIP-SDSS 410 STAINLESS STEEL MTM

Medium gauge applications .036"-.210"

Panclip low profile pancake head with full 410 stainless steel construction and the DMG85 silver coating for resistance to dissimilar metal reaction and corrosion. Designed for clips and fixtures attachment to medium gauge steel substrates. #2 Square Drive. Packaged 250 pcs / bag.



| PANCLIP SD-SS 410SS CTD SQ2 250/BAG | | |
|-------------------------------------|---------|-------------|
| Available Sizes | Qty/Box | Part# |
| #10-16 x 3/4" SD3 | 5,000 | DMIP41075DC |
| #10-16 x 1" SD3 | 5,000 | DMIP41010DC |
| #12-14 x 2" SD3 | 2,000 | DMIP41220DC |

MIAMI-DADE COUNTY
LISTED

L 20-0309.01

METAL TO METAL SELF DRILLING WASHERED FASTENERS

#12 IMPAX™ SELF DRILL AND IMPAX™ SEALER SD - MTM

Precision forged self drilling point for metal to metal fastening of metal panels to steel substrates. HWH bonded washer head style or sealer (SLR) cupped head style with E.P.D.M. seal washer. Galvanized plating plus VistaCoat longlife full fastener coating gives the entire fastener corrosion protection. Packaged 250 pcs / bag. Available to match metal panel colors.

1/4-14 IMPAX™ SELF DRILL STITCH PANEL TO PANEL SD1 - MTM

Designed for panel over-lap applications to stitch two steel panels together.

1/4-20 HEAVY DUTY IMPAX™ SELF DRILL METAL TO STEEL - MTM

Designed for installation into heavy steel up to 1/2" thick, bulk, zinc plated.



#12SD5

Light/Medium steel drill up to 8 ga.

| Available Sizes | Qty/Box | Part# |
|------------------|------------|--------------|
| #10 x 5/8" SD2 | 5,000 Bulk | DMI2793187 |
| #10 x 3/4" SD3 | 2,500 | DMI2S2701CDF |
| #12 x 3/4" SD3 | 2,500 | DMI2V2361EDF |
| #12 x 1" SD2.5 | 2,500 | DMI2V4611FGF |
| #12 x 1-1/4" SD3 | 2,500 | DMI2S4632EDF |
| #12 x 1-1/4" SD3 | 2,500SLR | DMI2V4636FGF |
| #12 x 1-1/2" SD3 | 2,000 | DMI2V4721FGF |
| #12 x 2" SD3 | 1,500 | DMI2V4777EDF |
| #12 x 2-1/2" SD3 | 2,000 | DMI2S4902EDF |
| #12 x 3" SD3 | 1,500 | DMI2S4952EDF |
| #12 x 4" SD3 | 1,000 | DMI2S4981EDF |
| #14 x 1-1/4" SD3 | 2,000 | DMI2798777 |
| #14 x 1-1/2" SD3 | 2,000 | DMI2798957 |
| #14 x 2" SD3 | 2,000 | DMI2799066 |

Additional Sizes available on request.

Panel to Panel Stitch drill up to 18 ga.

| Available Sizes | Qty/Box | Part# |
|-----------------|----------|--------------|
| #14 X 7/8 STSD1 | 2,500SLR | DMI2V5078FFF |
| #14 X 7/8 STSD1 | 2,500 | DMI2V5051GUF |

Heavy Steel drill up to 1/2" thick.

| Available Sizes | Qty/Box | Part# |
|------------------|---------|--------------|
| #12 x 1-1/4" SD5 | 2,500 | DMI2S4668EDF |
| #12 x 1-1/2" SD5 | 2,000 | DMI2S4741EDF |
| #12 x 2" SD5 | 2,000 | DMI2A2841EDF |
| 1/4-20 x 3" SD5 | 1,500 | DMI21356420 |
| 1/4-20 x 4" SD5 | 1,000 | DMI21356421 |
| 1/4-20 x 5" SD5 | 750 | DMI21356422 |
| 1/4-20 x 6" SD5 | 500 | DMI21356423 |
| 1/4-20 x 7" SD5 | 500 | DMI21356424 |
| 1/4-20 x 8" SD5 | 500 | DMI21356425 |

| Pull out (12-14) Lbs Ultimate | Buy American B.A.P: YES |
|----------------------------------|----------------------------|
| 12ga:1539 | Shear: 2050 |
| 14ga:1010 | Tensile: 2900 |
| 16ga:724 | Torsional: 92 inlbs |

#12SLR



| Pull out SD3 (1/4-14) | Buy American B.A.P: YES |
|--------------------------|----------------------------|
| 12ga:1697 | Shear: 2850 |
| 14ga:1151 | Tensile: 3800 |
| 16ga:887 | Torsional:150inlbs |

#14 BS Stitch



ZAC™ SELF DRILL - PREMIUM LONGLIFE MTM FASTENER

ZAC Self Drill is our most popular premium line of self drilling fasteners. The ZAC SD head is a strong, uniform zinc cap that withstands the toughest installation conditions and has a limited lifetime warranty long life head for superior corrosion protection on the head of the fastener. Thick E.P.D.M. seal washer and galvanized shank plating. Precision forged self drilling point for metal to metal applications up to 8 gauge steel (#12-14), 5/16" or 3/8" drive depending on size. ZAC SD is available painted to match your panel colors. Packaged 250 pcs / bag.



| Drill up to 8 ga | Qty/Box | Part# |
|--------------------|---------|--------------|
| #12x 1" SD3 | 2,500 | DMI2S4591FLF |
| #12 x 1-1/4" SD3 | 2,000 | DMI2X4646FLF |
| #12 x 1-1/2" SD3 | 1,500 | DMI2X4731FLF |
| #12 x1-1/2" SD5 | 1,500 | DMI2S4742FLF |
| #12 x 2" SD3 | 1,000 | DMI2S4761FLF |
| #12 x 2-1/2" SD3 | 1,000 | DMI2S4901FLF |
| #12 x 3" SD3 | 750 | DMI2S4951FLF |
| #14 x 1-1/4" SD3 | 2,000 | DMI2S5211FM |
| #14 x 1-1/2" SD2 | 2,000 | DMI2S5287FM |
| #14x7/8"Stitch SD1 | 2,000 | DMI2S5031FMF |

| Pull Over Lbs Ult #12 | Pull out #12 ~14 Steel Lbs Ult | Pull out #14 Stitch | #12-14 Values |
|--------------------------|---|------------------------|-------------------------|
| 22ga :1647 | 12ga : 1524 | 22 ga: 379 | Shear: 2050 |
| 24ga: 1310 | 14 ga : 901 | 24 ga: 304 | Tensile: 2900 |
| 26ga: 794 | 16 ga : 665 | 26 ga: 204 | Torsional: 92 in-lbs |



#14SD1



#12SD5

ZXL™ STEELZIP SELF DRILL - PREMIUM LONGLIFE MTM FASTENER

Designed for the attachment of metal roofing and sidewall panels to steel purlin substrates

- Lifetime 40 Year Warranty Long Life Fastener.
- Fastener designed to attach long-life metal roof panels such as GALVALUME that are used in pre-engineered metal building applications.
- 5/16" Cupped HWH ZAMAC Zinc-Aluminum Alloy provides lifetime protection against red rust on the head. • Washer face design helps to capture rubber EPDM washer even when driven at an angle. #12 & 1/4" diameter drill point easily penetrates steel thickness up to .210" with no "point walking."
- 1/4" Diameter Stitch securely fastens 2 layers of 26 GA with no strip-out. Available by special order painted to match your panel colors.

| Size | Point/Drive | Qty/Box | Part# |
|-----------------|-------------|---------|---------------|
| #12-14 x 1" | SD3 5/16"H | 2,000 | DMI3ZXL312100 |
| #12-14 x 1-1/4" | SD3 5/16"H | 2,000 | DMI3ZXL312125 |
| #12-14 x 1-1/2" | SD3 5/16"H | 1,500 | DMI3ZXL312150 |
| #12-14 x 2" | SD3 5/16"H | 1,500 | DMI3ZXL312200 |
| #12-14 x 3" | SD3 3/8"H | 1,000 | DMI3ZXL312300 |
| 1/4-14 x 1-1/4" | SD3 3/8"H | 1,500 | DMI3ZXL314125 |

Packaged 250 pcs / bag.



STAINLESS STEEL CAP & BI-METAL CORROSION RESISTANT SD FASTENERS

STEELZIP S.C.A.M.P. 304 STAINLESS STEEL CAPPED HEAD MTM

This little devil of a fastener was designed for original panel installation of metal roofing and wall panels to steel substrates. The SteelZip SCAMP is a self drilling and tapping fastener with a protective 304 series stainless steel cap head shaped to hold and protect the EPDM long life rubber washer underneath for a positive seal to the metal panel. The corrosion protection does not end with the exposed cap and is backed up with the DMG85 long life barrier coating on the strong carbon steel shank. These features combine to meet our goal of providing a long life performance fastener without the cost and installation issues common to full stainless steel fasteners. The SteelZIP SCAMP is now Miami-Dade Product Listed.



5/16"
Diameter
SD3 Now
Available

Panel to Purlin Fasteners

| Drill up to 8ga | Qty/Box | Part# |
|------------------|---------|----------------|
| #12 x 1" SD3 | 2,500 | DMI4SSCSD3100M |
| #12 x 1-1/4" SD3 | 2,500 | DMI4SSCSD3125M |
| #12 x 1-1/2" SD3 | 2,000 | DMI4SSCSD3150M |
| #12 x 2" SD3 | 1,500 | DMI4SSCSD3200M |

Panel to Purlin Replacement Fasteners

| Drill up to 8ga | Qty/Box | Part# |
|------------------|---------|-------------------|
| #14 x 1-1/4" SD3 | 1,500 | DMI4SSCSD314125M |
| 5/16x 1-1/4" SD3 | 1,000 | DMI4SSCSD3516125M |

Panel to Panel Stitch drill up to 18 ga.

| Available Sizes | Qty/Box | Part# |
|-----------------|---------|------------------|
| #14 x 7/8" SD1 | 2,500 | DMI4SSCSD114078M |

Heavy Steel drill up to 1/2" thick.

| Available Sizes | Qty/Box | Part# |
|-----------------|---------|--------------------------|
| 1/4-20 x 1-3/4" | 1,000 | DMI4SSCSD514134M |
| 1/4-20 x 1-3/4" | 1,000 | DMI4SSCSD514134001 White |



#12 Product Listing # L 20-1105.02
#14 Product Listing # L 20-1105.01

#12-14 x1-1/4" Powder Coated Quick Ship Colors

Ash Gray 850, Burnished Slate 042, Black 023, Bright White 014, Caribbean Blue 012, Cocoa Brown 110, Charcoal Gray 051, Colony Green 047, Crimson Red 102, Desert Tan 937, Evergreen 232, Hartford Green 798, Light Stone 248, Light Gray/OTG 578, Polar White 001, Red 890, Tan 020

#12-14 x1-1/2" Powder Coated Quick Ship Colors

Barn Red 691, Bone White 348, Bright White 014, Dark Bronze 324, Gloss Black 023, Light Stone 248

1/4-14 x 7/8" Stitch Powder Coated Quick Ship Colors

Ash Gray 850, Barn Red 691, Burnished Slate 042, Black 023, Bright White 014, Caribbean Blue, Cocoa Brown 110, Charcoal Gray 051, Colony Green 047, Crimson Red 102, Evergreen 232, Forest Green 228, Gallery Blue 843, Hartford Green 798, Light Stone 248, Light Gray/OTG 578, Polar White 001, Red 890, Tan 020, Terracotta, Zinc Gray 091

MAC SD 304 STAINLESS STEEL CAPPED HEAD MTM

The MAC (Metal Alloy Cap) self drilling fastener offers the protection of stainless steel without the cost of a full stainless steel fastener. Features a 304 Stainless steel capped head which encapsulates the top of the EPDM seal washer. The shank of the fastener features precision drill points and electro zinc plating for a light corrosion resistance. This fastener is available to be painted in all of our VistaCoat colors found in the back of the catalog.

| Size | Qty/Box | Part# |
|------------------|---------|--------------|
| #12 x 1" SD3 | 2,000 | DMI2S4530FAF |
| #12 x 1-1/4" SD3 | 2,000 | DMI2S4650FAF |
| #12 x 1-1/2" SD3 | 1,500 | DMI2S4690FAF |
| #14 x 7/8" SD1 | 2,000 | DMI2S4770FAF |
| #12-24 x 2" SD5 | 1,500 | DMI21602541 |



304 STAINLESS STEEL BI-METAL SELF DRILL

If you are looking for the highest in corrosion resistance in a self drilling screw look no further. The fused Bi-Metal self drilling point allows you to achieve the corrosion resistance of austenitic 304 stainless steel without having to pre-drill your fastener. Head and shank of the screw is 304 series stainless steel. A 25 year warranty against red rust on head and body of screw is available. The #12 fasteners have a 5/16 HWH drive, #14 have a 3/8" HWH drive. LSC spring clip drivers are suggested.



| HWH w/Bd-Washer | Qty/Box | Part# |
|---------------------|---------|-------------|
| #12 x 1-1/4" SD3 | 500 | DMI21122767 |
| #12 x 2-1/8" SD3 | 250 | DMI21133684 |
| #12 x 1-9/16" SD5 | 500 | DMI20770785 |
| #12 x 1" Stitch SD1 | 250 | DMI21123164 |

| Pull out (12-14) | Lbs Ultimate |
|------------------|----------------|
| 12ga:1282 | Shear: 2149 |
| 14ga: 908 | Tensile: 2743 |
| 16ga: 703 | Torsi 70 inlbs |

3/8" S.C.A.M.P. TAPPER 304 STAINLESS STEEL CAPPED HEAD MTM

The 3/8" SCAMP Tapper is the largest diameter fastener DMI offers in the SCAMP stainless steel cap family of fasteners. The 3/8" diameter fastener is 0.375" nom and is large enough to directly replace other large diameter fasteners such as screwbolts, #17, .343" and .351" diameter fasteners. These are a type A thread that will "self tap in" to predrilled holes in steel purlins and sheet metal to sheet metal stitch applications. This fastener has a 3/8" drive stainless steel capped head, a stainless steel / EPDM bonded washer and the DMG85 Silver shank coating for corrosion resistance.

| Selection | Qty/Box | Part# |
|---------------|---------|----------------|
| 3/8" x 1" TPA | 1,000 | DMI4SSC380100M |



UNWASHERED SELF DRILLING FASTENERS

STEELZIP HWH ECONO SELF DRILLING FASTENERS ZINC PLATED

Self drill fasteners for metal to metal applications such as ductwork assembly, metal framing, gusset plate and steel tube fastening. The SteelZIP Econo line of self drilling fasteners are imported from Taiwan and have a zinc plating. Available in mill finish only. Available for order in full box quantities only.

Hex Head (HWH) Light to Medium Gauge

| Size | Point Qty/Box | Part# |
|--------------|---------------|---------------|
| #8 x 1/2" | SD2 10,000 | DMI4HWKZ08012 |
| #8 x 3/4" | SD2 10,000 | DMI4HWKZ08034 |
| #10 x 3/4" | SD3 6,000 | DMISDNH10034 |
| #10 x 1" | SD3 5,000 | DMI4HWKZ10100 |
| #10 x 2" | SD3 2,000 | DMI4HWKZ10200 |
| #12 x 3/4" | SD3 5,000 | DMI4HWKZ12034 |
| #12 x 1" | SD3 3,000 | DMI4HWKZ12100 |
| #12 x 1-1/2" | SD3 3,000 | DMI4HWKZ12112 |
| #14 x 1" | SD3 3,000 | DMI4HWKZ14100 |
| #14 x 1-1/2" | SD3 2,000 | DMI4HWKZ14112 |
| #14 x 2" | SD3 1,000 | DMI4HWKZ14200 |

Heavy Ga Applications up to 1/2" thick steel

| Size | Point Qty/Box | Part# |
|--------------|---------------|----------------|
| #12 x 1-1/4" | SD5 2,000 | DMI4HWKZ121145 |
| #12 x 1-1/2" | SD5 2,000 | DMI4HWKZ121125 |
| #12 x 2" | SD5 2,000 | DMI4HWKZ122005 |

| Fastener | Pull out Ultimate 16ga |
|----------|------------------------|
| #8 | 705 |
| #10 | 786 |
| #12 | 842 |
| #14 | 910 |



STEELZIP CTD & IMPAX SD COATED HWH SELF DRILLING SCREWS

Used for attachment of metal to metal applications such as steel framing and hat channel and metal deck attachment. Similar to the SteelZIP Econo self drill fasteners with the added corrosion protection of thicker galvanizing and VistaCoat or DMG85 corrosion resistant coatings. Most sizes of coated fasteners also come bagged in 250 count bags for easy distribution. B=Bulk

Hex Head (HWH) Light to Medium Gauge

| Size | Point Qty/Box | Part# |
|-----------------|---------------|-------------------|
| #8-16 x 3/4" | SD2 10,000 B | DMISDNHC834 |
| #10-16 x 3/4" | SD3 5,000 | DMI2793362 |
| #12-14 x 1" | SD3 2,500 | DMI2794234 |
| #12-14 x 1-1/4" | SD3 2,500 | DMI2795053 |
| #12-14 x 1-1/2" | SD3 2,500 | DMI2796234 |
| #12-14 x 2" | SD3 2,000 | DMI2796909 |
| 1/4-14 x 7/8" | SD1 2,500 | DMI2797805 Stitch |
| 1/4-14 x 1" | SD3 2,500 | DMI2798553 |
| 1/4-14 x 1-1/4" | SD3 2,000 | DMI2798810 |
| 1/4-14 x 1-1/2" | SD3 2,000 | DMI2798973 |

< RetroDrill with 1/2" unthreaded under head to

Hex Head (HWH) Heavy Gauge up to .500"

| Size | Point Qty/Box | Part# |
|-----------------|---------------|-------------|
| #12-24 x 1-1/4" | SD5 2,500 | DMI2795839 |
| #12-24 x 1-1/2" | SD5 2,500 | DMI2796618 |
| #12-24 x 2" | SD5 2,000 | DMI2783126 |
| 1/4-20 x 3" | SD5 1,000B | DMI21356393 |
| 1/4-20 x 4" | SD5 1,000B | DMI21356395 |
| 1/4-20 x 5" | SD5 600 B | DMI21356396 |
| 1/4-20 x 6" | SD5 500 B | DMI21356398 |
| 1/4-20 x 7" | SD5 500 B | DMI21356399 |
| 1/4-20 x 8" | SD5 500 B | DMI21356400 |



STEELZIP RETRO-DRILLER Used for attachment of metal to metal applications such as steel framing and hat channel and metal deck attachment when a longer than typical fastener is needed. There is a 1/2" un-threaded section beneath the HWH head of this fastener. This smooth shank section is designed to combat panel jacking/ thread riding in hat channel applications. The complete fastener is electro zinc plated and then coated with our DMG85 Silver 1,000 hr protective barrier coating. #3 drill point will self drill and tap steel thicknesses up to 0.210".

| Size | Qty/Box | Part# |
|-------------|---------|-----------------|
| 1/4-14 x 3" | 1,000 | DMI4SDNHC14300R |
| 1/4-14 x 4" | 750 | DMI4SDNHC14400R |



304 STAINLESS STEEL BI-METAL SD

The fused Bi-Metal self drilling point allows you to achieve the corrosion resistance of austenitic 304 stainless steel without having to pre-drill your fastener. The head and shank of the screw is 304 series stainless steel. A 25 year warranty against red rust on head and body of screw is available. The #12 fasteners have a 5/16 HWH drive, #14 have a 3/8" HWH drive. LSC spring clip drivers are suggested. Made in Czechoslovakia. Available to be painted.

HWH No Washer

| Size | Point Qty/Box | Part# |
|-----------------|---------------|-------------|
| 1/4-14 x 1" | SD3 | DMI21558126 |
| 1/4-14 x 1-1/2" | SD3 | DMI21558128 |
| 1/4-14 x 2" | SD3 | DMI21558129 |
| 1/4-20 x 1-1/8" | SD4 | DMI21558132 |
| 1/4-20 x 1-1/2" | SD4 | DMI21558133 |
| 1/4-20 x 2" | SD4 | DMI21558134 |
| 1/4-20 x 2" | SD5 | DMI21558130 |
| 1/4-20 x 4" | SD5 | DMI21558131 |



| Pull out (12-14) |
|------------------|
| 12ga: 1282 |
| 14ga: 908 |
| 16ga: 703 |

PANCLIP-SD LOW PROFILE HEAD SELF DRILLING MTM

Panclip low profile pancake head mated to a self drilling drill point for drill and tap performance into metal and steel substrates. PANCLIP-SD features the 1000hr DMG85 silver coating to meet FBC1506.6 and other corrosion resistance requirements. Select sizes are also available in 410SS with DMG85 corrosion resistant coating. See page SD 2 for size selection.



PREMIUM WOOD TO METAL FASTENERS

W 1,2

XLP WTM SD3 with extra low profile XLP wafer head for installing plywood, OSB, MDF and dimensional lumber to metal deck and steel up to 14 ga in thickness. Silver DMG85 w/wings, white DMG85 without wings.

WTM SD4 is designed to install dimensional lumber (2x) to steel substrates up to 1/4" thick. Breakaway wings and countersink head allows for a flush surface after installation. Green DMG85 coating is designed for use with pressure treated lumber. 250/bag



XLP WTM to metal up to 6 ga SQ2, SD3

| Sizes | Qty/Box | Part# (250/bag) |
|-----------------|---------|-------------------|
| #10-16 x 1-7/8" | 2,000 | DMIPXLP10178SD3SD |
| #10-16 x 1-7/8" | 2,000 | DMIPXLP10178SD3WD |

 Popular for plywood & OSB decking or 1"x4" dimensional lumber to metal deck or purlins.

WTM from 14 ga to 1/4" SQ3, SD4 Green

| Sizes | Qty/Box | Part# (250/bag) |
|-----------------|---------|--------------------|
| #14-20 x 2-3/4" | 1,500 | DMIPXLP14234SD4WWD |
| #14-20 x 3-1/4" | 1,000 | DMIPXLP14314SD4WWD |

 Popular for 2"x4" dimensional lumber to C, Z or I purlin applications, 0.07" to 0.25" thick steel.

Multi-Purpose Screws

Applications include wood, metal deck, and masonry

| Size | Qty/Pail | Pails/Carton | Part# |
|--------------|----------|--------------|-------------------|
| #12 x 3/4" | 400/Pail | 4 | DMI3DSF12034DP1WT |
| #12 x 1-1/2" | 300/Pail | 4 | DMI3DSF12150DP1WT |
| #12 x 2-1/4" | 150/Pail | 4 | DMI3DSF12214DP1WT |
| #12 x 3-3/4" | 700/Pail | 1 | DMI3DSF12334DP1WT |
| #12 x 4-1/2" | 600/Pail | 1 | DMI3DSF12412DP1WT |
| #12 x 5" | 600/Pail | 1 | DMI3DSF12500DP1WT |
| #12 x 6" | 300/Pail | 1 | DMI3DSF12600DP1WT |
| #12 x 8" | 300/Pail | 1 | DMI3DSF12800DP1WT |



**SD 1 POINT DRILL
UP TO 18 GA
THICK METAL**



BONDED WASHERS

For weather sealing of standard #9, #10, #12 or #14 (1/4") diameter fasteners and fixtures. Standard washers are a galvanized metal disc bonded to non conductive E.P.D.M. rubber. Also available for order is a stainless steel (304SS) metal disc bonded to non conductive E.P.D.M. rubber. Conical design directs flow of facing materials to form a seal conforming to both fastener and sealing surface. All sizes available for order in full carton quantities only. Many other sizes from #4 ID up to 1" I.D. available on request. Made in North America B.A.P.



| Size I.D x O.D | Qty/Box | Part# |
|--|---------|----------------|
| <u>Bonded Galvanized Disk, Black E.P.D.M. Rubber</u> | | |
| #9 x 9/16" | 20,000 | DMIL10916GBW |
| #10 x 1-1/8" | 2,500 | DMIL10118GBW |
| #14 x 1-1/8" | 2,000 | 1298471 |
| #14 x 7/8" | 4,000 | DMI4GJE087027X |

| | | |
|--|---------|-----------------|
| <u>Bonded Aluminum Disk, E.P.D.M. Rubber</u> | | |
| #14 x 3/4" Bubble | 250/bag | DMI4WA34B |
| #14 x 3/4" Bubble | 10,000 | DMI4WA34B/10000 |

| | | |
|---|-------|---------------|
| <u>Bonded Stainless S Disk, Black E.P.D.M. Rubber</u> | | |
| #14 x 5/8" | 7,500 | DMLSJE062027X |
| #14 x 7/8" | 4,000 | DMLSJE0870279 |
| #14 x 1-1/8" | 2,500 | DMSJE112027X |
| #14 x 1-1/2" | 1,000 | DMLWSS14112 |
| #14 x 2-1/2" | 500 | Special Order |
| .330 x 1-1/2" | 1,000 | Special Order |

Full carton orders only on all sizes.

FASTENER INSTALLATION GUIDE

Selecting an installation tool:

Use screw guns with torque relief devices. Avoid the use of impact guns and drivers. Impact drivers may damage protective coatings, platings, washers or paint leading to premature corrosion. Always see fastener data sheet for suggested installation practices. As a rule for metal to wood carbon steel and 410 stainless steel fastener use a 2,500 rpm max screw gun. General rule for metal to metal carbon steel and 410 stainless steel fastener use 2,000 rpm max screw gun. General rule for 304, 305 and 316 stainless steel fasteners use 1,000 rpm max screw gun.



YES
Cordless or corded screw guns with depth sensing nose piece.



Proper seating of washers:

Do not overdrive. (See illustration.)

| Metal to Metal Fasteners | | Metal to Wood Fasteners | |
|---|--|-------------------------|--|
| CORRECT Sealing material slightly visible at edge of metal washer. Assembly is weather tight. | | | |
| UNDERDRIVEN Sealing material not compressed. Assembly loose. | | | |
| OVERDRIVEN Sealing material extruded beyond edge of washer. Washer deformed. | | | |

Drive fastener perpendicular to surface.

| Metal to Metal Fasteners | | Metal to Wood Fasteners | |
|--------------------------|------------------|-------------------------|------------------|
| CORRECT | INCORRECT | CORRECT | INCORRECT |
| | | | |

General rules and common mistakes:



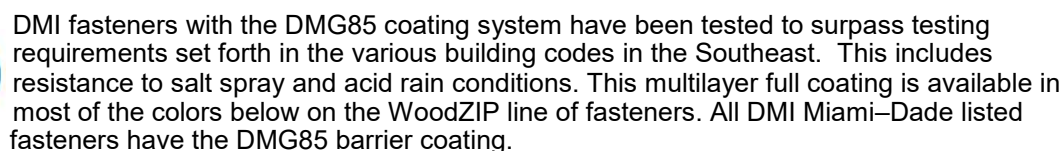
- Not all stainless steel fasteners are alike or offer corrosion free performance. Please see DMI guide to stainless fasteners to see the difference between 300 series and 400 stainless steel fastener grades.
- For applications within 3000 lft of salt water, chlorine, or other corrosives use full 304 series stainless steel fasteners.
- For applications into pressure treated lumber use only full 300 series stainless fasteners such as a WoodZip SS or Bi-Metal fastener unless otherwise specified.
- Some panels or substrates may be harder than 300 series stainless steel fasteners, pre-drill of galvanized or galvalume panels must be done in order to avoid thread turn or point burn out.
- When fastening through Aluminum panels pilot holes must be drilled, cleaned and sealed prior to fastener installation. A fastener with full coating over stainless steel (WoodZIP-SS-A) will reduce the risk of dissimilar metal reactions given a moisture free and sealed installation condition.
- When fastening through Polycarbonate, Fiberglass, or PVC, pilot holes must be pre-drilled to allow for panel expansion and contraction. The diameter of the pilot hole must be larger than the fastener shank but smaller than that of the washer diameter.
- Torque fasteners to approx. 70% of torsional strength as washer allows.

Selecting a drill point for steel substrates:

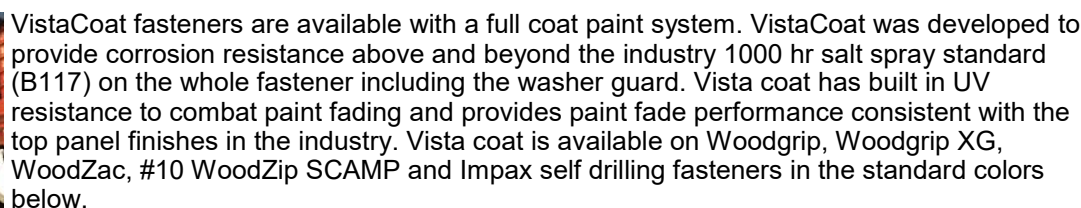
Most DMI fasteners thread patterns are matched to the drill point size. It is import to select the correct drill point size for your application. If you select an undersized drill point, excessive torque can result in snapped fasteners. If you select an oversized drill point, the thread spacing on the shank may be too fine for your application the fastener may back-out or strip-out.

| Drill Point | #1 | #2 | #3 | #4 | #5 |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| | | | | | |
| For steel thickness | 0.18" - .095" | .036" - .210" | .036" - .210" | .125" - .250" | .125" - .505" |

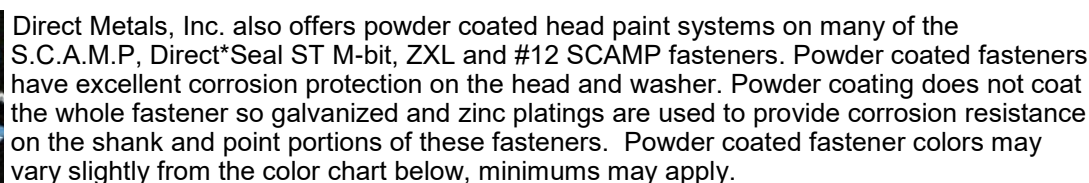


**DMG85**

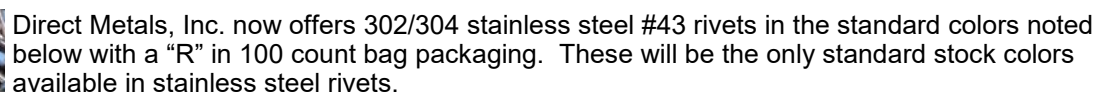
VistaCoat



PowderCoat



Rivets



The color chart to the right is representative of our standard color offerings. Colors may vary from actual product due to color variations in the catalog printing process. Actual colored product samples are available on request.



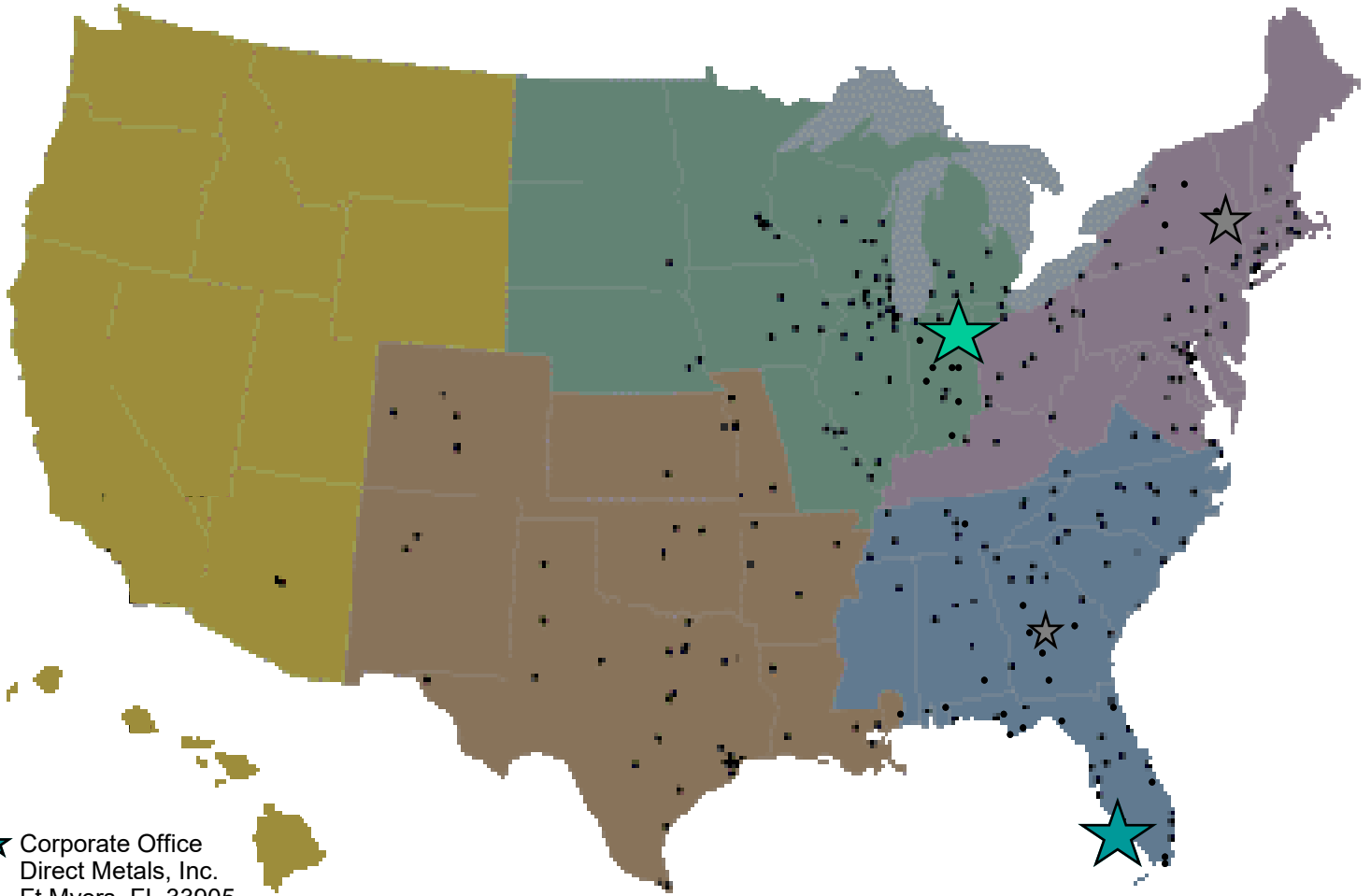
To find a registered DMI distributor call 855-800-8878

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We are proud to have over 1500 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.



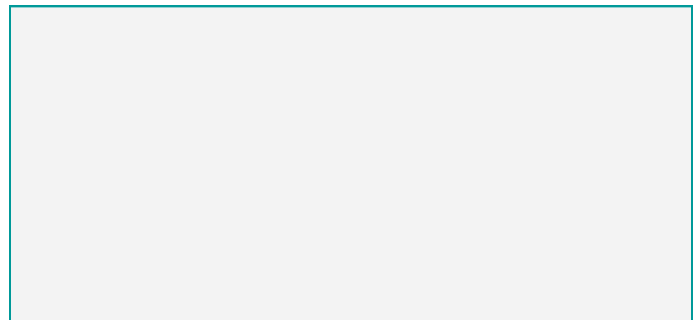
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