

PANCLIP-SD SD3 MTM PURLIN FASTENER



Designed for bearing plate, panel clip or fixture attachment to steel beam substrates up to 0.210" thick.

Features:

- Panclip head for a low profile installed profile.
- Zinc plated plus additional 1000 hr coating tested to exceed ASTM B117 and FBC 1506.5 corrosion resistance standards.
- Corrosion resistant coating tested to ASTM G85-11, Annex5 and TAS114, appendix E for extended surface corrosion resistance.
- Square Drive available for driving stability and driver strip-out resistance
- Precision formed drill point for installation performance into multi thickness steel.



1/4-14 Specifications

Tensile Strength:	3,610 lbs ult
Torsional:	150 in-lbs
Shear: (14 ga)	2,715 lbs ult

Pull out :	
12 ga	1,290 lbs ult
14 ga	1,113 lbs ult
16 ga	484 lbs ult
18 ga	390 lbs ult
20 ga	317 lbs ult
22 ga	151 lbs ult

Pullover:	
24 ga	330 lbs
18ga	1,997 lbs

Above values are average ultimate values. Values may change with strength and condition of substrate.

Head Height	0.116"
Head Diameter:	0.490" - 0.510"
Thread Diameter:	Maj: .247" Min .196"
Drill Bit Length to F2T :	0.48"
Threaded:	Up to 3.5" of thread
Drill Performance:	Up to 0.210"
Country of origin/COO:	Taiwan

#3 square driver is used for installation.
0-2500 rpm electric screw gun with depth sensing nose piece or torque control device.
SD3 Suggested for metal substrates up to 0.210"

Selection

CARBON STEEL SD3 DMG85 COATED #14 (1/4-14) SD3

Available Sizes	Qty/Box	Part#
1/4-14 x 1-1/4"	2,500	DMIPD314125C
1/4-14 x 2"	2,000	DMIPD314200C
1/4-14 x 4"	1,000	DMIPD314400C
1/4-14 x 6"	1,000	DMIPD314600C
1/4-14 x 8"	500	DMIPD314800C

410 STAINLESS STEEL SD3 DMG85 COATED #14 (1/4-14) SD3

Available Sizes	Qty/Box	Part#
1/4-14 x 1"	3,000	DMIP41410DC
1/4-14 x 2"	2,000	DMIP4314200DC
1/4-14 x 4"	1,000	DMIP4314400DC
1/4-14 x 6"	1,000	DMIP4314600DC
1/4-14 x 8"	500	DMIP4314800DC

Corrosion Resistance

This fastener meets Florida Building Code corrosion resistance requirements of R904.5.2 (and FBC 1506.6). This is done by use of the DMG85 Coating (over galvanizing/zinc plating).

This coating has been tested to ASTM B117 1000 hour standards.

This coating on this specific screw has also been tested to a higher standard test, the HVHZ and Miami-Dade Fastener listing standards. ASTM G85 Annex A5/TAS 114 Appendix E. 280 hour standard.

This DMG85 coating on other DMI fasteners has also been tested to a higher standard test, ASTM G85 Annex A5/TAS 114 Appendix E. 1000 hour standards.

Limitations: Not recommended for use with aluminum or copper roofing panels. Not recommend for installation by impact drivers. Contact DMI for MSDS information Contact DMI at 855-800-8878 with questions.