

#10-13 PANCLIP TPA FASTENER



#10-13 fastener low profile head fastener designed for wood substrate applications such as dimensional lumber (example 2x4's). Popular for many applications: Metal roofing panel clip, fixture attachment and more... The Blue DMG85 coating that is applied over the galvanized carbon steel base part allows this fastener to meet Florida Building Code corrosion resistance requirements of R904.5.2 and FBC 1506.6. The Blue DMG85 coating covers the whole fastener helping the 1-1/4" and 1-1/2" parts to receive a Miami-Dade County P.C Listing # L 21-0630.01 for corrosion resistance and sheer strength.



Performance Specifications

Torsional:	81 in-lbs
Tensile:	2,581 lbs min
Pull out S.Yellow Pine 1"	lbs ult
Pull out 1/2" Plywood	341 lbs ult
Pull out 1/2" Plywood	300 lbs avg
Pull out 7/16" OSB	157 lbs ult
Pull out 7/16" OSB	134 lbs avg

Pullover: 24ga 330 lbs, 20ga 575 lbs, 18ga 1997 lbs
Test notes revealed severe deformation of clip prior to pullover condition at the fastener hole

Head Height	.070" - .078"
Head Diameter:	.435" - .472"
Thread Diameter:	Maj: .185" Min .201"
Threading:	Fully Threaded
Point Style:	Type A, Piercing
Drive:	R2/ Square #2
Country of origin/COO:	Taiwan

Above values are average ultimate values. Values may change with strength and condition of substrate wood. Testing performed by an ISO 17025 accredited independent laboratory on 10/07/16.

Size Selection

Size	Qty/Box	Part#	M/D Listing #
#10 x 1-1/4"	3,500	DMIPDX10114BA	L 21-0630.01
#10 x 1-1/2"	2,500	DMIPDX10114BA	L 21-0630.01

Stainless Steel versions of this fastener can be produced by contract.

Installation

#2 square drive suggested.
0-2500 rpm electric screw gun with depth sensing nose piece or torque control device. Suggested 1800 rpm.
Do not overdrive or under drive, not suggested for use with impact driver installation tools. Suggested 1" minimum penetration into substrate.



Corrosion Resistance:

This fastener meets 2017 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.

To find a distributor call 855-800-8878 or visit www.directmetalsinc.com