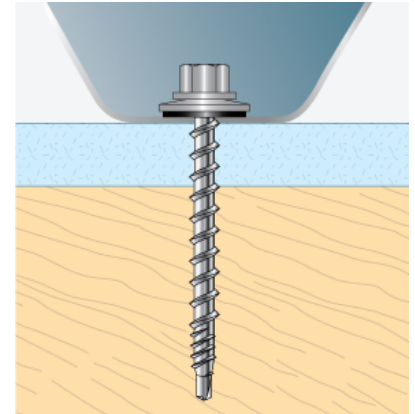# Direct*Seal ST Fastener w/M-Bit

NICORR LLC

Designed for metal roofing and sidewall panel installation onto dimensional wood substrates.

Features:

- #10 diameter with unique 16/8 thread pattern for improved holding strength into dimensional wood substrates.

- Self drill M-Bit Tip is designed to minimize penetration shavings and provide drilling performance in multi-thickness light gauge metal to wood applications.

- EPDM vulcanized washer, and Galvanized shank plating.

- Available in 30 different powder coated colors to complement metal panels.

Specifications

1/4" Hex Drive, SD1 MBit Point

Torsional: 56 in-lbs

Tensile: 1904 lbs. min.

Shear: 1547 lbs min.

Pull out SYP Wood 1" penetration

Southern Yellow Pine   713 lbs ult

Pull out 7/16" OSB   210 lbs ult

Pull over 29ga metal 378 lbs ult

Pull over 26 ga metal 629 lbs ult

Thread Diameter: Maj: 0.205"

                          Min:0.116"

Washer Diameter 12 mm

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

Selection

Sizes	Qty/Box	Part#	Weight/1000
#10 x 1"	3,000	DMI3DSF10100M	7.8 lbs
#10 x 1-1/2"	2,500	DMI3DSF10150M	9.9 lbs
#10 x 2"	2,000	DMI3DSF10200M	12.2 lbs
#10 x 2-1/2"	1,500	DMI3DSF10250M	14.3 lbs
#10 x 3"	1,000	DMI3DSF10300M	16.3 lbs

Installation

1/4" hex driver required. (Long Spring Clip Drivers).

0-2500 rpm electric screw gun with depth sensing nose piece or torque control device.

Suggested drill speed into most substrates is1800 rpm.

Do not overdrive or under drive, not suggested for use with impact driver installation tools.

Suggested 1" minimum penetration into substrate.

Limitations: Not recommended for pressure treated wood substrates. Not recommended for aluminum or copper roofing panels. Not recommend for installation by impact drivers. Not for use within 3000 lnft of any body of salt water. Contact Direct Metals Inc. for MSDS information. All sizes and color combinations may not be available for immediate shipment from all service centers.

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