

Multi - Purpose Fasteners



DIRECT*SEAL MP SCREW

This fastener is designed for a multitude of applications including panel and fixture attachment to wood, masonry and light gauge metal substrates.

Features:

- Full DMG85 Silver full corrosion resistant coating
- 1/4" Hex drive
- EPDM rubber bonded sealing washer
- SD1 Point that will self drill and tap metal up to 16 ga.
- Packaged in plastic weather resistant pails



SPECIFICATIONS

#12 Direct*Seal MP, 1/4" HWH, SD1 Point, Bonded G90 / EPDM Sealing washer.
DMG85 silver corrosion resistant coating.

Pull out SPF 1"	475 lbs ult
Pull out 3/4" PLY	421 lbs ult
Pull out 22 ga E	554 lbs avg
Pull out 16 ga	825 lbs avg
Pull out 4000 psi concrete	839 lbs avg
Pull out CMU Block	706 lbs avg
Thread Diameter:	Maj: .235" Min .177"

Threading: 3/4" to 3-3/4" lengths are fully threaded otherwise 4" of thread under the head on longer fasteners is standard.

INSTALLATION

Wood Substrate:

1/4" hex driver required, DMI LSC is suggested. 0-2500 rpm electric screw gun with depth sensing nose piece or torque control device. Suggested drill speed into most substrates is 1800 rpm. Do not overdrive or under drive. Suggested 1" minimum penetration into wood.

Metal deck up to 16 ga Substrate:

1/4" hex driver required, DMI LSC is suggested. 0-2500 rpm electric screw gun with depth sensing nose piece or torque control device. Suggested drill speed into most substrates is 1800 rpm. Do not overdrive or under drive. Suggested 1/2" minimum penetration through the metal material.

Masonry Substrate:

1/4" hex driver required, DMI LSC is suggested. 3/16" diameter masonry bit is required of sufficient length to drill a hole 1" deeper than the expected fastener penetration. Clean hole of dust prior to install. 0-2500 rpm electric screw gun with depth sensing nose piece or torque control device. Do not overdrive or under drive. Suggested 1" minimum penetration into substrate.

The use of impact drivers is strongly discouraged as they may damage the protective coatings on the fasteners or washers, voiding any and all warranties and invalidate any published structural values.



Selection

<u>Size</u>	<u>Part#</u>
#12 x 3/4"	DMI3DSF12034DP1WT
#12 x 1-1/2"	DMI3DSF12150DP1WT
#12 x 2-1/4"	DMI3DSF12214DP1WT
#12 x 3-3/4"	DMI3DSF12334DP1WT
#12 x 4-1/2"	DMI3DSF12412DP1WT
#12 x 5"	DMI3DSF12500DP1WT
#12 x 6"	DMI3DSF12600DP1WT
#12 x 8"	DMI3DSF12800DP1WT

<u>Size</u>	<u>Packaging</u>
#12 x 3/4"	400/Pail, 4 Pail/Case
#12 x 1-1/2"	300/Pail, 4 Pail/Case
#12 x 2-1/4"	250/Pail, 4 Pail/Case
#12 x 3-3/4"	700/Pail
#12 x 4-1/2"	600/Pail
#12 x 5"	600/Pail
#12 x 6"	300/Pail
#12 x 8"	300/Pail

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