

HWH Impax / STEELZIP CTD Self Drilling Fasteners



Features:

- Precision forged self drilling points for metal to metal fastening
- Galvanized plating plus VistaCoat long life full fastener coating for corrosion protection
- HWH head for stable drilling performance

Application:

- Designed for metal to metal applications such as purlin to purlin, sheet metal to purlin and plate to purlin fastening.
- Drill and Tap capabilities are matched to required thread patterns.



Specifications

#12-14 values

Torsional:	92 in-lbs	
Tensile:	2,900 lbs. min.	
Shear:	2,050 lbs min.	
Withdrawal:	Pull out 12ga	1480 lbs ult
	Pull out 14ga	823 lbs ult
	Pull out 16ga	624 lbs ult
Head Drive:	5/16" HWH	

1/4-14 values

Torsional:	150 in-lbs	
Tensile:	3,800 lbs. min.	
Shear:	2,850 lbs min.	
Withdrawal:	Pull out 12ga	2088 lbs ult
	Pull out 14ga	1312 lbs ult
	Pull out 16ga	903 lbs ult
Head Drive:	3/8" HWH (some sizes available in 5/16" HWH)	

COO: Consult sales person some parts are manufactured in Taiwan some parts are manufactured in the U.S.A.

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

Selection

Drill and Tap Steel 0.035" to 0.210"

Hex Head (HWH) Light to Medium Gauge

Size	Point	Qty/Box	Part#
#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 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
1/4-14 x 3" R	SD3	1,000	DMI4SDNHC14300R < RetroDrill with 1/2" unthreaded under head to attached hat channel without panel jacking.

Stitch Screw Tap Steel 0.031" to 0.060"

Available Sizes	Qty/Box	Part#
1/4-14 x 7/8"	SD1 2,500	DMI2797805 Stitch

Limitations: Not recommend for installation by impact drivers. Not for use with Aluminum or Copper Metals.

Installation: DMI 5/16 or 3/8" Hex magnetic driver, 0-2000 rpm electric screw gun with depth sensing nose piece or torque control device. Suggested drill speed is most substrates is 1800 rpm.

MSDS: Contact DMI for MSDS information