

Impax™

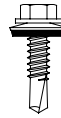
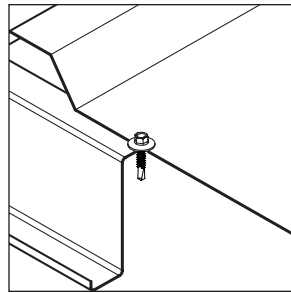
Utility Self-Drill

- Precision cold forged assuring superior point strength and the fastest drilling time performance.
- Ultimate performance in light and medium gage applications.
- Designed to provide maximum clamp load.
- Corrosion resistant coating system.

Application

**8-18 Impax
#2 Point**

Drilling capacity: .035-.140
 Thickness is based on normal, single thickness purlin/girt or multiple material thickness combined for total.
 Min projection: 3/16" of threads below substrate



1/4" AF Capped Hex Washer Head
 Thread Major Dia: .163
 Thread Minor Dia: .119

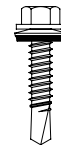
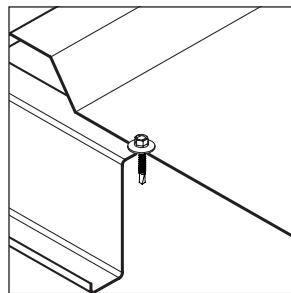
Strength (lbs ult.):
 Tensile: 1575
 Torsional: 42 in-lbs
 Shear: 1035

#2 Point Pull-out (lbs ult.):
 14 ga (.075): 1084
 16 ga (.060): 783
 18 ga (.048): 389

Pull-over with Bond Seal (lbs ult.):
 22 ga (.030): 924
 24 ga (.024): 668
 26 ga (.018): 421

**10-16
#3 Point**

Drilling capacity: .035-.150
 Thickness is based on normal, single thickness purlin/girt or multiple material thickness combined for total.
 Min projection: 3/16" of threads below substrate



5/16" AF Hex Washer Head
 Thread Major Dia: .186
 Thread Minor Dia: .138

Strength (lbs ult.):
 Tensile: 1825
 Torsional: 48 in-lbs
 Shear: 1535

#3 Point Pull-out (lbs ult.):
 12 ga (.105): 1782
 14 ga (.075): 1072
 16 ga (.060): 782

Notes

Dimensions are nominal inches unless noted. Self-drill pull-out values (pounds ultimate) are based on 57,000 psi hot rolled steel material. Ultimate values listed are the result of laboratory testing. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

Selection

Impax 1/4 HWH Self Drill	With Bond Seal	Without Bond Seal
8-18 x 1/2 HWH SD #2	S1050-BBF	S1050F
8-18 x 5/8 HWH NIB SD #2	—	S1320F
8-18 x 3/4 HWH SD #2	S1350-BBF	S1350F
Impax 5/16 HWH Self Drill	With Bond Seal	Without Bond Seal
10-16 x 5/8 HWH SD #2	S2401-CDF	S2401F
10-16 x 3/4 HWH SD #3	S2701-CDF	S2701F
10-16 x 1 HWH SD #3	S3301-CDF	S3301F
10-16 x 1-1/4 HWH SD #3	S3601-CDF	S3601F
10-16 x 1-1/2 HWH SD #3	S3901-CDF	S3901F

Installation

Tools: 0 – 2000 rpm screwdriver equipped with depth sensing nosepiece.

Options

Painted



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