

Impax™ — Sealer — Drill Screws

12-14 Impax sealer and 1/4-14 lap sealer self-drill

For metal to metal

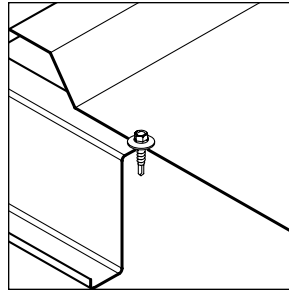
- Integral cupped Hex Washer Head configuration fastener with an EPDM sealing washer instead of the traditional bonded sealing washer.
- Precision cold forged assuring superior point strength and the fastest drilling time performance through high strength steel and nested purlins.

- Delivers ultimate performance in light, medium and heavy gage applications.
- Designed and engineered to have low driving and thread engagement torque and provide maximum clamp load.
- Corrosion resistant coating system.

Application

12-14 Sealer Impax
Metal to metal

Drilling capacity: .035 – .210
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 Cupped Hex Washer Head
Thread Major Dia: .215 – .209
Thread Minor Dia: .164 – .157

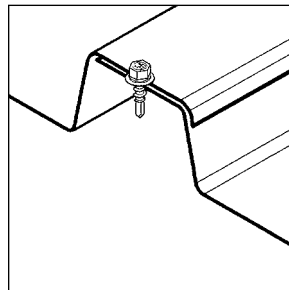
Strength (lbs ult.):
Tensile: 2900
Torsional: 92 in-lbs
Shear: 2050

Pull-out (lbs ult.):
12 ga (.105): 1539
14 ga (.075): 1010
16 ga (.060): 724

Pull-over (lbs ult.):
22 ga (.030): 1298
24 ga (.024): 1102
26 ga (.018): 692

1/4-14 Sealer Impax Lap
Panel to panel side lap
from .030 – .095

Some applications may require attaching light gage (24 – 26 ga) to sub-structural member. Composite thickness should not exceed .095



5/16" Cupped Hex Washer Head
Thread Major Dia: .246 – .240
Thread Minor Dia: .192 – .185

Strength (lbs ult.):
Tensile: 3800
Torsional: 150 in-lbs
Shear: 2850

Pull-out (lbs ult.):
22 ga (.030): 379
24 ga (.024): 304
26 ga (.018): 204

Notes

Dimensions are nominal inches unless noted. Self-drill pull-out values (pounds ultimate) are based on 57,000 psi hot rolled steel material. Lap self-drill pull-out values are based on 40,000 psi AZ55 Galvalume steel sheet 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. #12 fasteners 1" and longer have special long pilot lengths to accommodate nested purlins.

Selection

Length	Part No.	
	#12 Sealer	1/4-14 Sealer Lap
12-14 x 3/4"	V4486-FGF	—
12-14 x 1"	V4611-FGF	—
12-14 x 1-1/4"	V4636-FGF	—
12-14 x 1-1/2"	V4721-FGF	—
1/4-14 x 7/8"	—	V5076-FFF

Installation

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

Options

VistaCoat™



Painted

