

410 Stainless

12-14 and 1/4-14 lap self-drill  
For metal to metal

- 410 SS is a magnetic heat-treatable stainless steel.
- Type 410 self-drilling fasteners provide fair resistance to corrosion in mild to light industrial environments.

Application

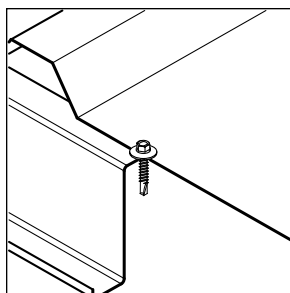
12-14 Stainless SD  
#3 Point

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 Hex Washer Head  
Thread Major Dia: .215 - .209  
Thread Minor Dia: .164 - .157

**Strength (lbs ult.):**

Tensile: 2800  
Torsional: 92 in-lbs  
Shear: 1900

**Point Pull-out (lbs ult.):**

12 ga (.109): 1480  
14 ga (.075): 823  
16 ga (.060): 624

**Pull-over with Bond Seal (lbs ult.):**

22 ga (.030): 1249  
24 ga (.024): 1056  
26 ga (.018): 654

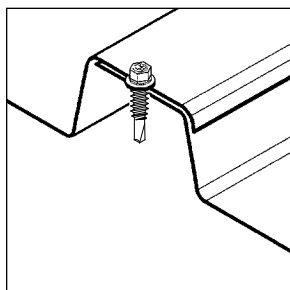
1/4-14 Stainless Lap

Panel to panel side lap

Drilling capacity: .030 – .095

Some applications may require attaching light gage (24 – 26 ga) to sub-structural member.

Composite thickness should not exceed .095.



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

**Strength (lbs ult.):**

Tensile: 3850  
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 Bond Seal	Part No. #12 No Washer	Part No. 1/4-14 Lap w/ Bond Seal	Part No. 1/4-14 Lap No Washer
12-14 x 3/4" SD3	G0325-FBF	G0325F	—	—
12-14 x 1" SD3	G0340-FBF	G0340F	—	—
12-14 x 1-1/4" SD3	G0801-FBF	G0801F	—	—
12-14 x 1-1/2" SD3	G0810-FBF	G0810F	—	—
1/4-14 x 7/8"	—	—	G0773-GWF	G0773F

Installation

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

Options

VistaCoat™



Painted

