

irus® SX Stainless Self-Drill

irus SX austenitic stainless steel
For metal to metal

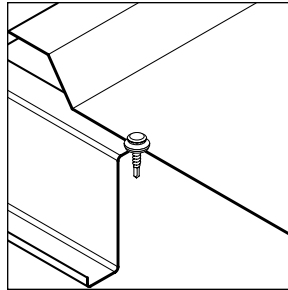
- irius is a patented drive system available on a full range of metal building fasteners.
- irius SX stainless fasteners' low profile head that has changed the future architectural appearance of sidewall fastening.
- Fastening system drive socket insures positive engagement and prevents damage to a painted fastener head.

- Self-drilling point design assures superior point strength and the excellent drill performance through high strength steel.
- Stainless fasteners provide the ultimate corrosion performance for attaching steel, stainless or aluminum panels.
- SX austenitic stainless self-drill fasteners are engineered to have low driving torque and provide maximum clamp load.

Application

SX 3-L12 irius Self-Drill
1/2" O.D Aluminum Bond Seal
Metal to metal

Drill capacity: .047 – .098



irus low profile and drive system
Dia: Nominal #14

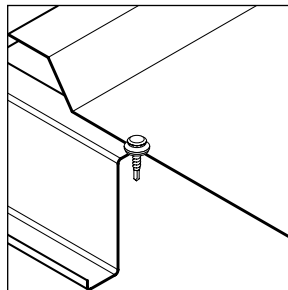
Strength (lbs ult.):
Tensile: 3150
Torsional: 70 in-lbs
Shear: 2140

Pull-out (lbs ult.):
12 ga (.105): 1125
14 ga (.075): 855
16 ga (.060): 610

Pull-over (lbs ult.):
24 ga (.024): 1300
26 ga (.018): 705

SX 5-L12 irius Self-Drill
1/2" O.D Aluminum Bond Seal
Metal to metal

Drill capacity: .079 – .196



irus low profile and drive system
Dia: Nominal #12

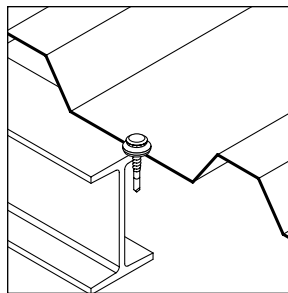
Strength (lbs ult.):
Tensile: 3150
Torsional: 70 in-lbs
Shear: 2140

Pull-out (lbs ult.):
12 ga (.105): 1399
14 ga (.075): 795
16 ga (.060): 580

Pull-over (lbs ult.):
24 ga (.024): 1190
26 ga (.018): 665

SX 14-L12 irius Self-Drill
5/8" O.D Stainless Bond Seal
Metal to metal

Drill capacity: .157 – .550



irus low profile and drive system
Dia: Nominal #12

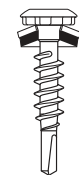
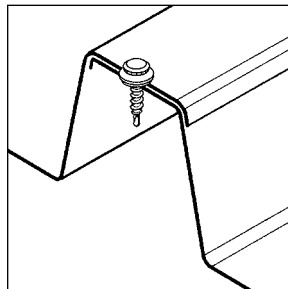
Strength (lbs ult.):
Tensile: 4050
Torsional: 70 in-lbs
Shear: 2700

Pull-out (lbs ult.):
12 ga (.105): 1220
14 ga (.075): 718

Pull-over (lbs ult.):
24 ga (.024): 1150
26 ga (.018): 646

**SL2-S-L12 irius Free Spin
Lap Self-Drill**
5/8" O.D Stainless Bond Seal
Metal to metal

Drill capacity: .031 – .079



irus low profile and drive system
Dia: Nominal #12

Strength (lbs ult.):
Tensile: 3150
Torsional: 70 in-lbs
Shear: 2140

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Selection

Length	Part No. Bond Seal	Part No. No Washer
SX3-L12 irius Self-Drill		
14 x 1-1/8 SD	1142002	1142001
14 x 1-1/2 SD	1142034	1142030
SX5-L12 irius Self-Drill		
12-14 x 1-1/4 SD	1134345	1134342
12-14 x 1-1/2 SD	1134359	1134355
12-14 x 1-5/8 SD	1135437	1135452
12-14 x 2-1/8 SD	1144693	1154328
SX14-L12 irius Self-Drill		
12-14 x 1-9/16 SD	0776328	0776332
SL2-L12 irius Free Spin Lap Self Drill		
1/4-14 x 1 Lap SD 14mm SS Bond Seal	1135477	
1/4-14 x 1 Lap SD 16mm SS Bond Seal	1147314	

Installation

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

Options

Painted

