

irus® SX Stainless Self-Drill

irus SX austenitic stainless steel

For metal to metal

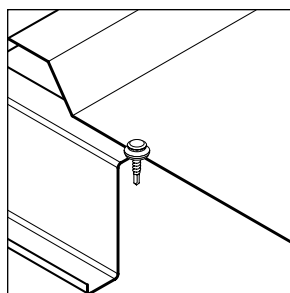
- irius is a patented drive system available on a full range of metal building fasteners.
- irius SX stainless fasteners' low profile head that has changed the future architectural appearance of sidewall fastening.
- Fastening system drive socket insures positive engagement and prevents damage to a painted 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 – .118



irus low profile and drive system  
Dia: Nominal #12

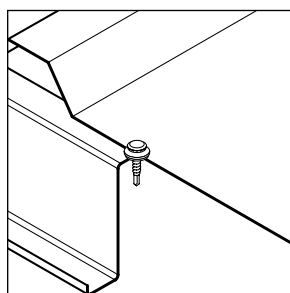
**Strength (lbs ult.):**  
Tensile: 3150  
Torsional: 70 in-lbs  
Shear: 2140

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

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

**SX 6-L12 irius Self-Drill**  
1/2" O.D Aluminum Bond Seal  
Metal to metal

Drill capacity: .079 – .236



irus low profile and drive system  
Dia: Nominal #12

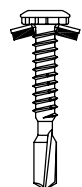
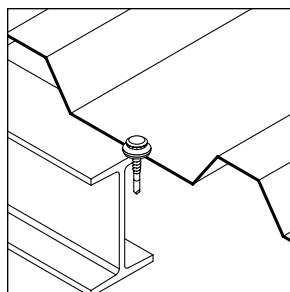
**Strength (lbs ult.):**  
Tensile: 3150  
Torsional: 70 in-lbs  
Shear: 2140

**Pull-out (lbs ult.):**  
12 ga (.105): 970  
14 ga (.075): 650  
16 ga (.060): 590

**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

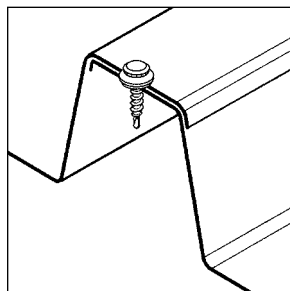
**Strength (lbs ult.):**  
Tensile: 4050  
Torsional: 70 in-lbs  
Shear: 2700

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

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

**SX L2-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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## irus® SX Stainless Self-Drill

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*For metal to metal*

## Selection

	U. S. Measurement	Article No.
<b>SX 3-L12 irius Self-Drill</b>		
SX3/4-L12-A12-5.5x22	#12-11 x 7/8"	0996726
SX3/10-L12-A12-5.5x28	#12-11 x 1-1/8"	0996727
SX3/15-L12-A12-5.5x38	#12-11 x 1-1/2"	0996680
<b>SX 6-L12 irius Self-Drill</b>		
SX6/6-L12-A12-5.5x26	#12-14 x 1"	0996719
SX6/12-L12-A12-5.5x32	#12-14 x 1-1/4"	0996720
<b>SX 14-L12 irius Self-Drill</b>		
SX14/12-L12-S16-5.5x38	#12-14 x 1-1/2"	0776328
<b>SX L2-L12 irius Free Spin Lap Self-Drill</b>		
SXL2-L12-S14-5.5x22	#12-11 x 7/8"	0945591

## Installation

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

## Options

Painted

