

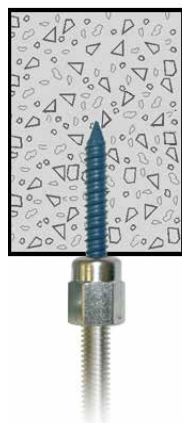
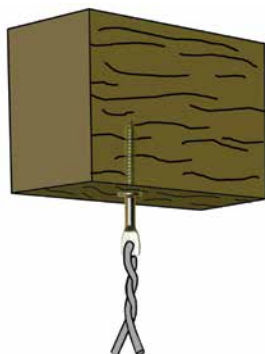


**SAMMYS®**



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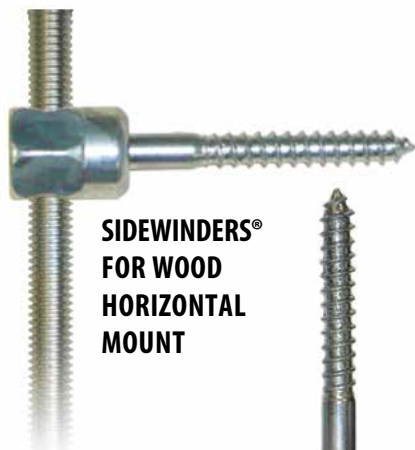
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## Anchors for Wood

*Installs into Wood  
Structures Easily  
and Quickly!*

*Available  
in Vertical  
and Horizontal*



**VERTICAL MOUNT**

### DESCRIPTION/SUGGESTED SPECIFICATIONS

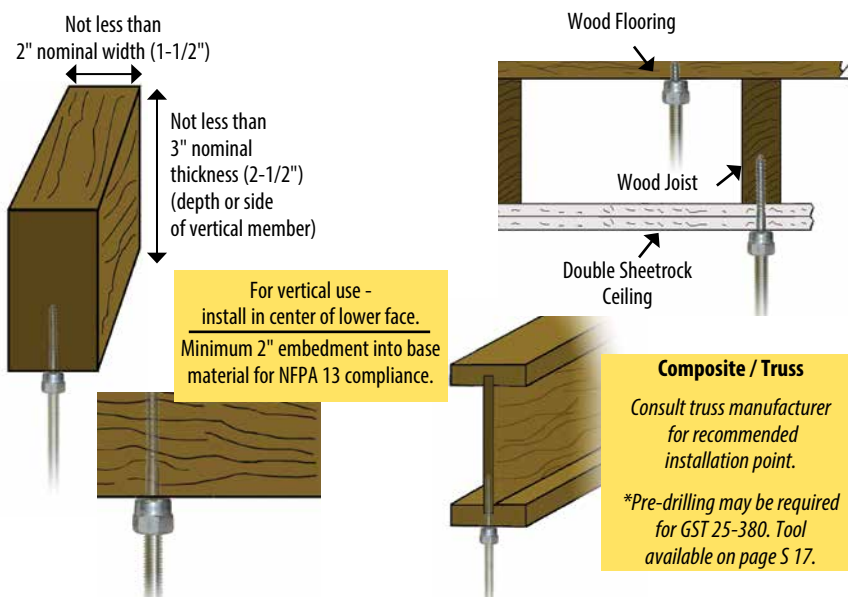
#### Self drilling & self-tapping into wood—

The Wood Sammy is perfect for Hanging Sprinklers, Pipes, Electrical Fixture or HVAC Equipment to wood joist, 2x4, OSB, plywood and wood beams. It is available in 1/4", 3/8" and 1/2" threaded coupling. The Wood Sammy is available in vertical mount, horizontal mount, and Swivel mount to accommodate all fastening situations.

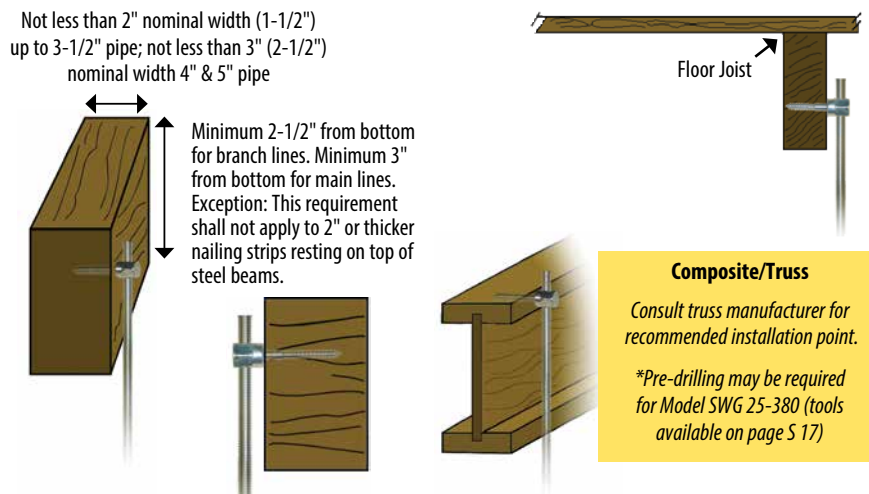
### ADVANTAGES

- No pre-drilling required.
- Quick to install using the Sammy Nut Driver with no load speed 2000-2500 rpm, minimum 6 amps drill/driver.
- Saves time from traditional methods.
- Reduces installation cost.
- Made in the U.S.A.

#### Sammy's Vertical Mount Product Features



#### Sammy's Sidewinder® Product Features





## APPLICATIONS

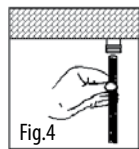
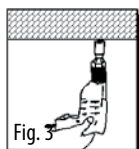
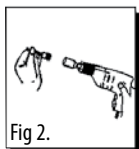
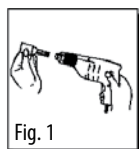


Sprinkler Systems  
Pipes/Plumbing  
Electrical Lighting and Fixtures  
HVAC Equipment and Fixtures

## APPROVALS

See Selection Chart for items with approvals.

## INSTALLATION INSTRUCTIONS VERTICAL MOUNT

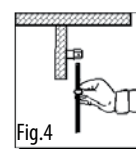
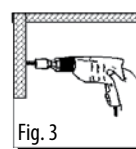
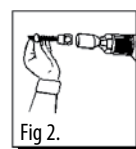
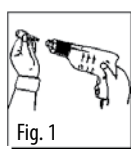


1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
2. Insert the SAMMYS into the #14 (black) nut driver (p/n 8113910). Drill should be in a vertical position.
3. Push the face of the nut driver tight to the member. When the nut driver spins freely on the SAMMYS, stop drill and remove.
4. The SAMMYS is now ready to receive 1/4", 3/8", 1/2" or metric all thread rod, bolt stock. (The 1/2" requires the #14SW red nut driver)

### Important Vertical Installation Notes

Warranty requires the use of appropriate nut drivers for installation.  
Model #14 Nut Driver Item No: 100 Color: Black Use With Sammys for 1/4" and 3/8" Rod PN 8113910  
Eye protection should be worn at all times when installing this product.

## INSTALLATION INSTRUCTIONS HORIZONTAL MOUNT



1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
2. Insert the SAMMYS into the #14W (red) nut driver (p/n 8114910). With drill unit in a horizontal position and at a right angle to the structural member, begin installation.
3. When the nut driver spins free on the SAMMYS, stop drill and remove.
4. The unit is now ready to receive 1/4", 3/8", or metric all thread rod, bolt stock.

### Important Horizontal Installation Notes

Warranty requires the use of appropriate nut drivers for installation. Sidewinders must be installed using Model #14SW (Red) nut driver only. Item No: 101 PN: 8114910  
Eye protection should be worn at all times when installing this product.

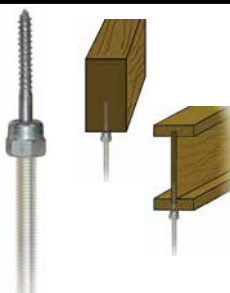


■ Part # 8113910

■ Part # 8114910

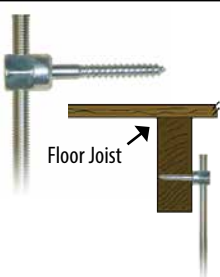
## SELECTION CHART

### SAMMYS Vertical Mount



ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	FM APPROVED	TEST LOAD (LBS)	BOX QTY	CASE QTY	NUT DRIVER
3/8"	8008957	GST 20	1/4 x 2"	1760 (Fir)		850		1475	25	125	Part # 8113910
3/8"	8010957	GST 30	1/4 x 3"	2060 (Fir)		1500		1475	25	125	

### SAMMYS Horizontal Mount



ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	BOX QTY	CASE QTY	NUT DRIVER
3/8"	8021957	SWG 20	1/4 x 2"	1725 (Fir)		1050	25	125	Part # 8114910

**SPECIAL NUT DRIVER SYSTEM:** The nut drivers were designed with a unique spin-off feature which provides a fast and safe installation each time. When the face of the driver comes into contact with the material you are installing into, continue drilling until nut driver spins free. Installation is then complete. Warranty requires the use of the appropriate nut driver for installations.

# SAMMYS for Wood – Seismic Restraint



## SIDEWINDER FOR 3/8" RODS

### SWG 20 FOR 3/8" ROD



Structural attachment fitting for installation of branch/end of line restraint using 3/8" threaded rod. Designed for use in wood structural member with a minimum thickness of 2" (nominal 1-1/2"). Can be used in composite wood joists; consult manufacturer for recommended installation point. These fastening systems provide a secure and economical attachment to the structure.

The SWG 20 model provide a one-piece upper structural attachment in a wide range of wood thicknesses.

## SPECIFICATIONS

<b>Restrained Pipe Size:</b>	Up to Schedule 40 pipe 2" or less
<b>Max Length of Restraint Material:</b>	See Maximum Horizontal Load Tables below.
<b>Maximum Angle:</b>	45° from horizontal
<b>Material:</b>	Carbon Steel
<b>Screw Description:</b>	(SWG 20): 1/4"-10 x 2" wood screw
<b>Finish (both):</b>	Electro-zinc (cap & fastener)
<b>Testing:</b>	BX Report # R-1362
<b>Listing:</b>	UL 203 as a pipe hanger UL 203A pending
<b>Installation:</b>	Must be installed with #14 SW Red Nut Driver (Part No. 8114910)



## SELECTION CHART

### SAMMYS for Wood – Seismic Restraint

ROD SIZE	PART NUMBER	MODEL	MIN THICKNESS	APPLICATION	BOX QTY	CASE QTY
3/8"	8021957	SWG 20	1-1/2"	Wood, Dim. Lumber, TGI/TJI Joist	25	125

## PERFORMANCE TABLES

### Maximum Rod Length for I/r=100, 200, 300, and 400

RESTRAINT SHAPE AND SIZE	NOMINAL DIAMETER	AREA (in. <sup>2</sup> )	LEAST RADIUS OF GYRATION, r (in.)	MAXIMUM ROD LENGTH FOR I/r (ft)			
				I/r = 100	I/r = 200	I/r = 300	I/r = 400*
Rods (all thread)	3/8 in.	0.07	0.075	0.6	1.3	1.9	2.5
	1/2 in.	0.129	0.101	0.8	1.7	2.5	3.4
Rods (threaded at ends only)	3/8 in.	0.11	0.094	0.8	1.6	2.4	3.1
	1/2 in.	0.196	0.125	1.0	2.1	3.1	4.2

Reference: NFPA 13, (2007)

\* Reference: NFPA 13, (2010)

# SAMMYS®

## Anchors for Steel

*Installs into Steel  
Structures Easily  
and Quickly!*

*Available  
in Vertical  
and Horizontal*



VERTICAL MOUNT



SIDEWINDERS®  
FOR STEEL  
HORIZONTAL MOUNT



### DESCRIPTION/SUGGESTED SPECIFICATIONS

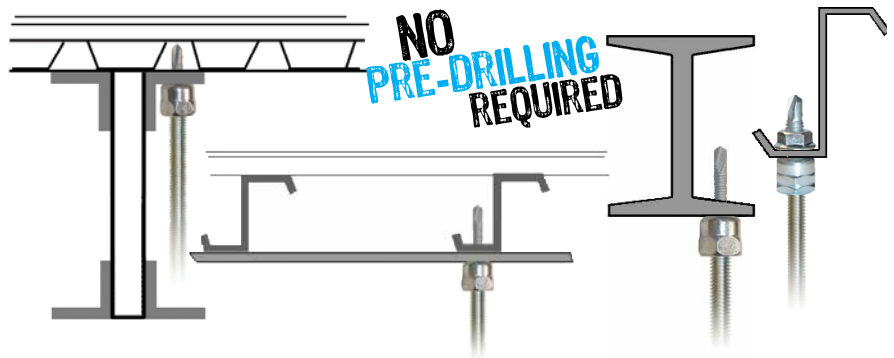
#### *Self drilling & self tapping into steel up to 1/2" thick—*

The Steel Sammy is made using Tek® self-drilling fasteners, perfect for Hanging Sprinklers, Pipes, Electrical Fixture or HVAC Equipment to steel purlin, structural beams, and open web joist. The Steel Sammy is available in vertical mount, horizontal mount, and Swivel mount to accommodate all fastening situations.

### ADVANTAGES

- Made with Tek® self-drilling fasteners – no pre-drilling required.
- Install into steel range from 22 gauge – 1/2" thickness
- Saves time from traditional methods.
- Reduces installation cost.
- Quick to install using the Sammy Nut Driver with a no load speed 2000-2500 rpm, minimum 6 amps drill/driver.

#### *Sammy's Vertical Mount Product Features*



#### *Sammy's Sidewinder® Product Features*



**NO  
PRE-DRILLING  
REQUIRED**

## APPLICATIONS



Sprinkler Systems  
Pipes/Plumbing  
Electrical Lighting and Fixtures  
HVAC Equipment and Fixtures



## APPROVALS

See Selection Chart for items with approvals.

## INSTALLATION INSTRUCTIONS VERTICAL MOUNT

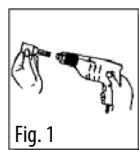


Fig. 1

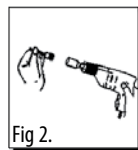


Fig. 2.

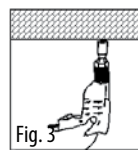


Fig. 3

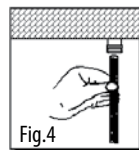


Fig. 4

1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
2. Insert the SAMMYS into the #14 (black) nut driver (p/n 8113910). Drill should be in a vertical position.
3. Push the face of the nut driver tight to the member. When the nut driver spins freely on the SAMMYS, stop drill and remove.
4. The SAMMYS is now ready to receive 1/4", 3/8", 1/2" or metric all thread rod, bolt stock. (The 1/2" requires the #14SW red nut driver)

### Important Vertical Installation Notes

Warranty requires the use of appropriate nut drivers for installation.

Model #14 Nut Driver Item No: 100 Color: Black

Use With Sammys for 1/4" and 3/8" Rod PN 8113910

Eye protection should be worn at all times when installing this product.

## INSTALLATION INSTRUCTIONS HORIZONTAL MOUNT

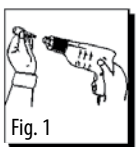


Fig. 1

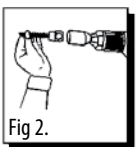


Fig. 2.

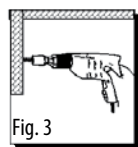


Fig. 3

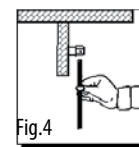


Fig. 4

1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
2. Insert the SAMMYS into the #14W (red) nut driver (p/n 8114910). With drill unit in a horizontal position and at a right angle to the structural member, begin installation.
3. When the nut driver spins free on the SAMMYS, stop drill and remove.
4. The unit is now ready to receive 1/4", 3/8", or metric all thread rod, bolt stock.

### Important Horizontal Installation Notes

Warranty requires the use of appropriate nut drivers for installation. Sidewinders must be

installed using Model #14SW (Red) nut driver only. Item No: 101 PN: 8114910

Eye protection should be worn at all times when installing this product.





■ Part # 8113910

■ Part # 8114910

## SELECTION CHART

### SAMMYS Vertical Mount

	ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	FM APPROVED	TEST LOAD (LBS)	MIN THICKNESS	MAX THICKNESS	BOX QTY	CASE QTY	NUT DRIVER
	3/8"	8040957	DST 10	1/4-14 x 1" TEKS 3	446 (20 ga.) 970 (16 ga.)					.036"-20 ga	3/16"	25	125	Part # 8113910
	3/8"	8041957	DST 15	1/4-14 x 1-1/2" TEKS 3	446 (20 ga.) 970 (16 ga.)					.036"-20 ga	3/16"	25	125	

### SAMMYS Horizontal Mount

3/8"	8055957	SWDR 1 *	1/4-20 x 1" TEKS 3	1900 (20 ga.)	1500	1475	.036"-20 ga	3/16"	25	125	Part # 8114910
3/8"	8056957	SWDR 516 *	5/16-18 x 1-1/4" TEKS 3	2480 (20 ga.)	1500	1475	.036"-20 ga	1/8"	25	125	

\*Includes retaining nut

**SPECIAL NUT DRIVER SYSTEM:** The nut drivers were designed with a unique spin-off feature which provides a fast and safe installation each time. When the face of the driver comes into contact with the material you are installing into, continue drilling until nut driver spins free. Installation is then complete. Warranty requires the use of the appropriate nut driver for installations.

## PERFORMANCE TABLES

### Sheet Steel Gauges

GAUGE NO.	26	24	22	20	18	16	14	12	3/16"	1/4"
Nominal Decimal Equivalent	.018	.024	.030	.036	.048	.060	.075	.105	.188	.250

### Ultimate Pullout Values (Avg. Lbs. Ultimate) – SAMMYS

FASTENER			STEEL GAUGE (Lbs.)						
MODEL	DIA.	PT	20	18	16	14	12	3/16"	1/4"
DST 516	5/16"	#3	457	568	1209	1712	2422	-----	-----

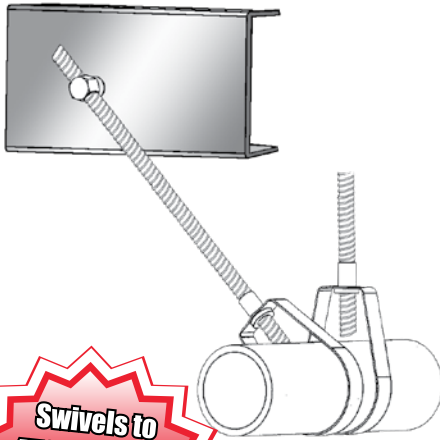
### Aluminum Curtain Wall Extrusion Ultimate Pullout Values

(AVERAGE LBS. ULTIMATE)						
FASTENER			THICKNESS			
MODEL	DIA.	PT.	.114	.092	.365	.132
DST 10	1/4	#3	1265	-----	2750	-----

### Ultimate Pullout Values (Avg. Lbs. Ultimate) – SIDEWINDERS

FASTENER			STEEL GAUGE (LBS.)						
MODEL	DIA.	PT	20	18	16	14	12	3/16"	1/4"
SWDR 1"	1/4"	#3	1900	-----	-----	1900	-----	-----	-----
SWDR 516	5/16"	#3	2480	-----	-----	2480	-----	-----	-----

# SAMMYS for Steel –Seismic Restraint



**Swivels to  
45° to ensure  
proper  
installation!**

## DESCRIPTION (SIDEWINDER)

### SWDR 516 FOR 3/8" ROD

Structural attachment for installation of branch/end of line restraint using 3/8" threaded rod. Used primarily in purlin, bar joist, or other steel structural members. These fastening systems provide a secure and economical attachment to the structure.

The **SWDR 516** model provides upper structural attachment in a range of steel thicknesses, from 20 ga. through 1/8". A retaining nut is included with each fastener.

## SPECIFICATIONS

<b>Restrained Pipe Size:</b>	Up to Schedule 40 pipe 2" or less
<b>Max Length of Restraint Material:</b>	See Maximum Horizontal Load Tables below.
<b>Maximum Angle:</b>	45° from horizontal
<b>Material:</b>	Carbon Steel
<b>Screw Description:</b>	(SWDR 1-1/2): 12-24 X 1-1/2" Teks® 5 (SWDR 516): 5/16"-18 X 1-1/4" Teks® 3
<b>Finish (both):</b>	Electro-Zinc (cap) Silver Climaseal® (screw)
<b>Testing:</b>	BX Report # R-1362
<b>Listing:</b>	UL 203 as a pipe hanger UL 203A pending



## SELECTION CHART

### SAMMYS Sidewinders for Steel – Seismic Restraint

ROD SIZE	PART NUMBER	MODEL	MIN THICKNESS	MAX THICKNESS	APPLICATION	BOX QTY	CASE QTY	INSTALLATION TOOL
3/8"	8056957	SWDR 516	16 ga.	1/8"	Steel Purlin or Bar Joist	25	125	SWDR 516 must be installed with #14 SW Red Nut Driver (Part No. 8114910). No pre-drilling required.

## PERFORMANCE TABLES

### Maximum Horizontal Loads for Restraint with I/r=100, 200, 300, and 400

RESTRAINT SHAPE AND SIZE	NOMINAL DIAMETER	AREA (in. <sup>2</sup> )	LEAST RADIUS OF GYRATION, r (in.)	MAXIMUM ROD LENGTH FOR I/r (ft)			
				I/r = 100	I/r = 200	I/r = 300	I/r = 400*
Rods (all thread)	3/8 in.	0.07	0.075	0.6	1.3	1.9	2.5
	1/2 in.	0.129	0.101	0.8	1.7	2.5	3.4
Rods (threaded at ends only)	3/8 in.	0.11	0.094	0.8	1.6	2.4	3.1
	1/2 in.	0.196	0.125	1.0	2.1	3.1	4.2

Reference: NFPA 13, (2007)

\* Reference: NFPA 13, (2010)

# SAMMYS®

## Sammy X-Press®

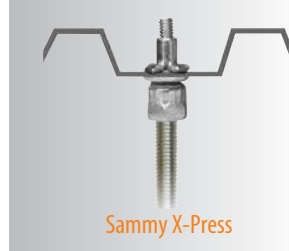
**Installs into  
Metal Deck,  
Purlin, or  
Tubular Steel**



### DESCRIPTION/SUGGESTED SPECIFICATIONS

#### **Sammy X-Press Revolutionizes The Pipe Hanging Trades—**

The Sammy X-Press® System is designed to provide direct attachment of threaded rod in metal deck (22-16 gauge) and thin gauge purlin (18-16 gauge), while providing reduced installation costs in terms of time and materials. The X-Press Anchors eliminate the need for costly "armovers" in pipe hanging installations. Current methods offered for thin gauge purlin require use of a time-consuming retaining



Sammy X-Press

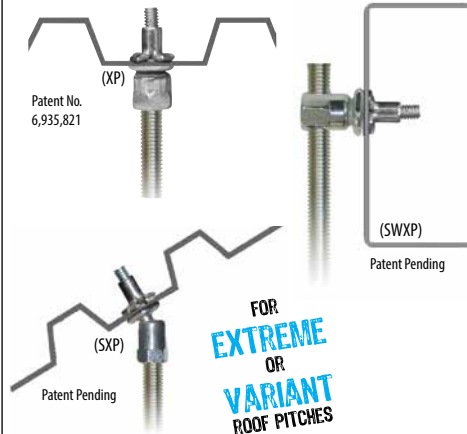
nut on the threaded portion of the fastener to prevent pullout and are not designed for use in metal deck. In many instances, access to the backside of the installed fastener is prohibited by panel liner or roofing insulation. Sammy X-Press® anchors deliver the performance installers require without the use of a retaining nut!

The patent-pending X-Press Anchors consist of a threaded fastener and expandable sleeve. The X-Press System features an easy-to-install anchor with expanding anchoring strips that collapse to prevent pullout after installation. The Sammy X-Press® It Installation Tool assures a perfect installation every time offering the added convenience of one-tool efficiency – just drill and drive in seconds! SECONDS!

### ADVANTAGES

- Installs in seconds, saving time & installation costs.
- Use in applications where access to the back of the installed fastener is prohibited. ie. metal roof deck, tubular steel, or vapor barrier fabric.
- Less jobsite material needed.
- No retaining nut required.
- Provides design flexibility.

#### **Sammy's X-Press, Swivel and Sidewinder**



The **Sammy X-Press** expands to provide direct vertical attachment in:

- Metal Deck (22-16 gauge)
- Z-Purlin (18-16 gauge)

The **Sammy X-Press Swivel** allows you to hang plumb in extreme roof pitches:

- 89° in Z-Purlin
- 45° in metal deck for 12/12 pitch

The **Sammy X-Press Sidewinder** expands to provide horizontal attachment in:

- 16 ga - 3/16" steel - purlin, tubular steel.

APPLICATIONS



- Sprinkler Systems
- Pipes/Plumbing
- Electrical Lighting and Fixtures
- HVAC Equipment and Fixtures



INSTALLATION INSTRUCTIONS



1. Pre-Drill.



2. Insert Anchor.



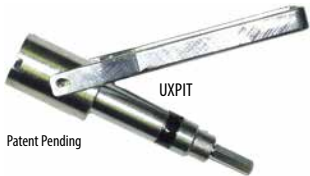
3. Install.

APPROVALS

The X-Press System has earned the 9R21 and 25ES UL Listing.

INSTALLATION TOOL

SAMMY X-PRESS IT® INSTALLATION TOOL



Patent Pending

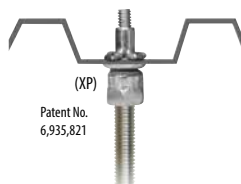
PART NUMBER	MODEL	DESCRIPTION	EACH QTY
8194910	UXPIT*	Universal X-Press It Tool	1
8152910	XPDB	25/64" Drill Bit	1

\*Tool Includes: Sleeve, Bit Receiver, Hex Wrench, and 25/64" Drill Bit.

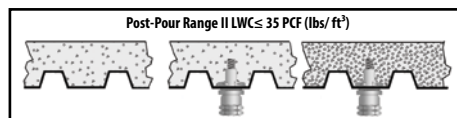
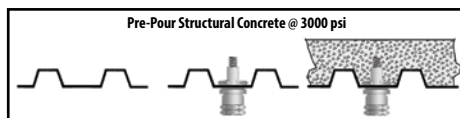


## SELECTION CHART

### SAMMYS X-Press Vertical Mount



ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	UL MIN THICK	FM APPROVED	TEST LOAD (LBS)	FM MIN THICK	MAX THICK	BOX QTY	CASE QTY	APPLICATION
1/4"	8181922	XP 200	X-Press 200	1146 (22 ga)	185 (Luminaire) 250 (Luminaire)	.027" .056"					.125"	25	125	Metal Deck
3/8"	8150922	XP 20	X-Press 20	1146 (22 ga)	850 (2½" Pipe) 185 (Luminaire) 250 (Luminaire) 283 (Conduit & Cable)	.027" .027" .056" .029"		940 (2" Pipe) 1475 (4" Pipe)	.029" .104"		.125"	25	125	Metal Deck
3/8"	8153922	XP 35	X-Press 35	1783 (16 ga)	1500 (4" Pipe) 85 (Luminaire) 250 (Luminaire) 416 (Conduit & Cable)	.060" .029" .056" .059"		940 (2" Pipe) 1475 (4" Pipe)	.029" .104"		.125"	25	125	Purlin
3/8"	8150922	XP 20	X-Press 20	1146 (22 ga)	850 (2½" Pipe)			Pre-Pour Structural Concrete @ 3000 psi Post-Pour Range II LWC ≤ 35 PCF (lbs/ft³)				25	125	Metal Deck (Pre-Pour) Metal Deck (Post-Pour)

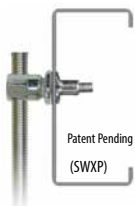


### SAMMYS X-Press Swivel Head®



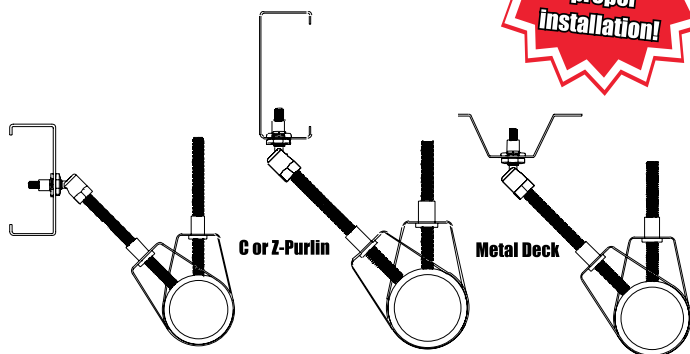
ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	UL MIN THICK	FM APPROVED	TEST LOAD (LBS)	FM MIN THICK	MAX THICK	BOX QTY	CASE QTY	APPLICATION
3/8"	8295922	SXP 35	Swivel X-Press 35	1675 (16 ga Vertical) 1558 (89° Off Vertical)	1250 (3-1/2" Pipe) 250 vertical (Luminaire) 80 @ 90° (Luminaire) 500 vertical (Conduit & Cable) 333 @ 89° (Conduit & Cable)	.059"		635 (2" Pipe)	.029"		.125"	25	125	Purlin

### SAMMYS X-Press Horizontal Mount



ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	UL LISTED	TEST LOAD (LBS)	FM APPROVED	TEST LOAD (LBS)	MIN THICK	MAX THICK	BOX QTY	CASE QTY	APPLICATION
3/8"	8293957	SWXP 35	Sidewinder X-Press 35	1798 (16 ga)	1250 (3½" Pipe) 80 (Luminaire) 416 (Conduit & Cable)				.060"	.125"	25	125	Purlin

# SAMMYS X-Press for Seismic Restraint



## FOR 3/8" AND 1/2" RODS

### SXP 35 FOR 3/8" ROD

Structural attachment for installation of branch/end of line restraint using 3/8" all thread (.299" OD) or end thread rod (.374" OD).

**SXP 35 for 3/8" Rod:** Designed for use in steel purlin ranging from 16 ga. through 1/8" in low slope or pitched roof designs (12/12).

The Swivels may be used to attach short length of rod to eliminate lateral sway bracing per NFPA 13, 9.3.5.3.8, (2007).

## DESCRIPTION

### FEATURES

- Structural attachment and restraint component combined; ready for selected rod.
- Access to the back of fastener not required.
- Does not require use of a retaining nut.
- Quick and easy installation.

### BENEFITS

- Reduced installation cost.
- Design flexibility.
- Less on site material (GO GREEN).
- Less material coordination.
- Aesthetically pleasing.

## SPECIFICATIONS

### FOR 3/8" ROD

**Restrained Pipe Size:** Up to Schedule 40 pipe 2" or less

**Max Length of**

**Restraint Material:** See Maximum Horizontal Load Tables below.

**Maximum Angle:** 45° from horizontal

**Material:** Carbon Steel

**Screw Description:** 1/4"-20 x 1-1/8" with expandable sleeve

**Finish:** Electro-Zinc

**Testing:** Tested to GR-63-CORE Standard for performance in structural steel in seismic restraint applications as outlined for use in NFPA 13 (2007), 9.3 at an independent test lab. The calculated force used for the testing was equal to that found in a Zone 4 and an 8.4 Richter scale seismic event.

**Listing for 3/8" Rod:** UL 203 listed as pipe hanger File EX 5098  
- SXP 35 (16 ga.) 0-90° from horizontal - 3-1/2" Schedule 40 pipe  
UL 203A File EX 15565



## SELECTION CHART

### SAMMYS X-Press Swivels – Seismic Restraint

ROD SIZE	PART NUMBER	MODEL	MIN THICKNESS	MAX THICKNESS	APPLICATION	BOX QTY	CASE QTY	INSTALLATION TOOL
3/8"	8295922	SXP 35	16 ga	1/8"	Purlin	25	125	The SWXP 35 must be installed with UXPIT Tool (Part No. 8194910); pre-drilling required.

## PERFORMANCE TABLES

### Maximum Rod Length for I/r=100, 200, 300, and 400

RESTRAINT SHAPE AND SIZE	NOMINAL DIAMETER	AREA (in. <sup>2</sup> )	LEAST RADIUS OF GYRATION, r (in.)	MAXIMUM ROD LENGTH FOR I/r (ft)			
				I/r = 100	I/r = 200	I/r = 300	I/r = 400*
Rods (all thread)	3/8 in.	0.07	0.075	0.6	1.3	1.9	2.5
	1/2 in.	0.129	0.101	0.8	1.7	2.5	3.4
Rods (threaded at ends only)	3/8 in.	0.11	0.094	0.8	1.6	2.4	3.1
	1/2 in.	0.196	0.125	1.0	2.1	3.1	4.2

Reference: NFPA 13, (2007)

\* Reference: NFPA 13, (2010)

## DESCRIPTION (SIDEWINDER)

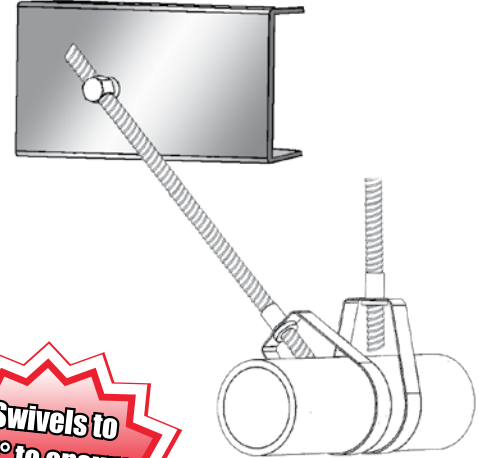
### SWXP 35 FOR 3/8" ROD

Structural attachment for installation of branch/end of line restraint using 3/8" threaded rod. Used primarily in purlin, bar joist, or other steel structural members. These fastening systems provide a secure and economical attachment to the structure.

The SWXP 35 model provides upper structural attachment in a range of steel thicknesses, from 16 ga. through 1/8". An expandable sleeve is included with each fastener, eliminating need for retaining nut.

## SPECIFICATIONS

<b>Restrained Pipe Size:</b>	Up to Schedule 40 pipe 2" or less
<b>Max Length of Restraint Material:</b>	See Maximum Horizontal Load Tables below.
<b>Maximum Angle:</b>	45° from horizontal
<b>Material:</b>	Carbon Steel
<b>Screw Description:</b>	1/4"-20 X 1-1/8" with expandable sleeve
<b>Finish:</b>	Electro-Zinc (cap & screw)
<b>Testing:</b>	BX Report # R-1362
<b>Listing:</b>	UL 203 as a pipe hanger UL 203A pending



## SELECTION CHART

### SAMMYS Sidewinders for Steel – Seismic Restraint

ROD SIZE	PART NUMBER	MODEL	MIN THICKNESS	MAX THICKNESS	APPLICATION	BOX QTY	CASE QTY	INSTALLATION TOOL
3/8"	8293957	SWXP 35	16 ga.	1/8"	Steel Purlin or Bar Joist	25	125	The SWXP 35 must be installed with UXPIT Tool (Part No. 8194910); pre-drilling required.

## PERFORMANCE TABLES

### Maximum Horizontal Loads for Restraint with $l/r=100, 200, 300, \text{ and } 400$

RESTRAINT SHAPE AND SIZE	NOMINAL DIAMETER	AREA (in. <sup>2</sup> )	LEAST RADIUS OF GYRATION, $r$ (in.)	MAXIMUM ROD LENGTH FOR $l/r$ (ft)			
				$l/r = 100$	$l/r = 200$	$l/r = 300$	$l/r = 400^*$
Rods (all thread)	3/8 in.	0.07	0.075	0.6	1.3	1.9	2.5
	1/2 in.	0.129	0.101	0.8	1.7	2.5	3.4
Rods (threaded at ends only)	3/8 in.	0.11	0.094	0.8	1.6	2.4	3.1
	1/2 in.	0.196	0.125	1.0	2.1	3.1	4.2

Reference: NFPA 13, (2007)

\* Reference: NFPA 13, (2010)

## Anchors for Concrete

*Installs into  
Concrete Structures  
Easily and Quickly!*

*Available  
in Vertical*



VERTICAL MOUNT

### DESCRIPTION/SUGGESTED SPECIFICATIONS

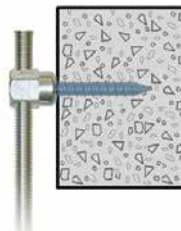
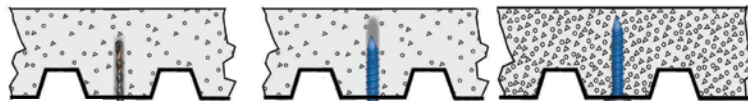
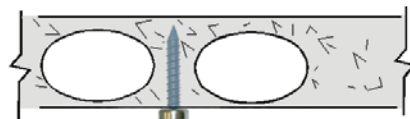
#### Tapcon Sammy Screw—

The Concrete Sammy is made using 5/16" Tapcon® Concrete Screws, perfect for Hanging Sprinklers, Pipes, Electrical Fixture or HVAC Equipment to cast in place concrete, precast concrete, and open web joist. The Concrete Sammy is available in vertical mount to accommodate all fastening situations.

### ADVANTAGES

#### Sammy's for Concrete Product Features

- Easy two step process (Drill hole & drive Sammy concrete anchor).
- 1/4" pre-drilled pilot hole required.
- Concrete Installation Tool available for a one tool installation process.





## APPLICATIONS



Sprinkler Systems  
Pipes/Plumbing  
Electrical Lighting and Fixtures  
HVAC Equipment and Fixtures



## APPROVALS

See Selection Chart for items with approvals.

## INSTALLATION INSTRUCTIONS VERTICAL MOUNT



1. Using an SDS 250 carbide tip bit or a HEX RECEIVER with a #250 carbide tip bit, pre-drill the concrete member to a depth of 2" with an electric impact/drill set on impact mode.
2. After pre-drilling has been completed, install the SLEEVE TOOL over the bit (the bit should remain in the drill), and insert the #14 (black) nut driver (p/n 8113910) into the opposite end.
3. Insert the concrete screw into the nut driver.
4. Place tip of screw into the pre-drilled hole, turn impact/drill unit to drill mode and begin insertion. When the nut driver spins free on the screw, installation is complete. Stop and remove drill.
5. The concrete screw is ready to receive 1/4", 3/8", 1/2", or metric all thread rod or bolt stock. (#14SW red nut driver used with 1/2" screw)

**NOTE:** Use a 1200 maximum RPM drill for installation.

**NOTE:** Do not install concrete screws while the drill unit is in impact mode — doing so will destroy the pullout factor of the screw.

## SELECTION CHART

### SAMMYS Vertical Mount



■ Part # 8113910



■ Part # 8114910



ROD SIZE	PART NUMBER	MODEL	DESCRIPTION	ULTIMATE PULLOUT (LBS)	<div><div>FM</div><div>APPROVED</div></div>	TEST LOAD (LBS)	BOX QTY	CASE QTY	NUT DRIVE
3/8"	8059957	CST 20	5/16 x 1-3/4"	2400	1475		25	125	Part # 8113910

# SAMMYS®

## Speedy Pole Tool™

For Ceiling Wire Applications

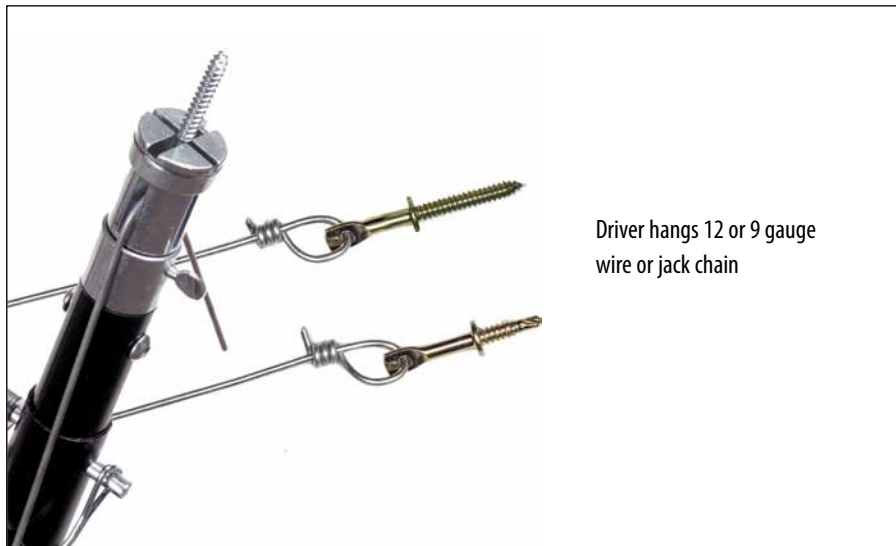


### PRODUCT FEATURES

Speed your labor by 25%  
Work from the ground up  
No scaffolding, ladders, or lifts

Perfect for working in tight spaces, thorough ceiling grid, and high value ceilings  
Works with any Vertical SAMMYS: Wood, Steel, or Concrete

### ADVANTAGES



Driver hangs 12 or 9 gauge wire or jack chain

### INSTALLATION INSTRUCTIONS



1. Adjust the Pole Tool to length. The adjusting pin must be 18" below the base of the pin may interfere with the rod.
2. Load rod and SAMMYS into the Pole Tool.
3. The socket will spin free when the screw is completely installed. Pull down to remove the Pole Tool

### SELECTION CHART

PART NUMBER	DESCRIPTION	BOX QTY
SP4	Speedy Pole 4' - 12'	1

## This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## **National Headquarters**

120 Travail Road  
Markham, Ontario, L3S 3J1

Tel: 905-471-7403  
800-387-9692

Fax: 905-471-7208  
800-668-8688

## **Technical and Customer Service Support**

Tel: 800-387-9692

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