

APPLICATIONS

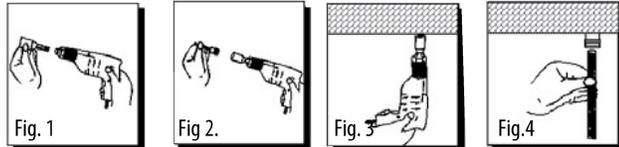


- Sprinkler Systems
- Pipes/Plumbing
- Electrical Lighting and Fixtures
- HVAC Equipment and Fixtures

APPROVALS

See Selection Chart for items with approvals.

INSTALLATION INSTRUCTIONS VERTICAL MOUNT

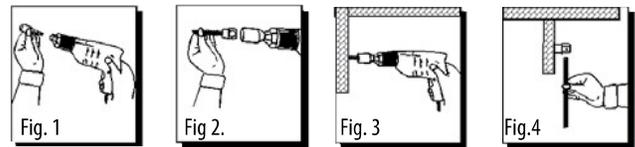


1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
2. Insert the SAMMYS into the #14 (black) nut driver (p/n 8113910). Drill should be in a vertical position.
3. Push the face of the nut driver tight to the member. When the nut driver spins freely on the SAMMYS, stop drill and remove.
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.

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

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: (SWG 20): 1/4"-10 x 2" wood screw

Finish (both): Electro-zinc (cap & fastener)

Testing: BX Report # R-1362

Listing: UL 203 as a pipe hanger
UL 203A pending



Installation: 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. ²)	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)