Buildex Suspended Anchoring Systems







SAMMYS®

Truss∙T Hanger®

Accessories



SPECIAL NOTES

Engineering Note

In 1996, the anchors listed by UL were tested in plate steel that measured .188 and .118. Subsequent testing was done for z-purlin applications in May 1997 using (.037) or 20 gauge steel. Most recently in 2008, testing with the new Sammy X-Press was completed using (.030) or 22 gauge steel metal deck.

Sammys Nut Drivers

Special nut drivers were designed to be used with Sammys. When the appropriate nut drivers are used for installation, the driver spins free on the screw after installation is complete and eliminates the expected wrist snap, reduces over-torque, and prevents screw failure.

Steel Screws

Due to variations in hardness of certain metals, it should be noted that our self-drilling screws for steel will experience different drill speeds. 500-1500 RPM drill speed should be used.

Metric Products

Metric versions of the Sammy anchors are available at www.sammysuperscrew.com.

Vibratory Environments

For attaching or anchoring in high vibratory environments, special care should be taken not just for building attachments but also the hangers or assemblies being supported. Consult local code authorities for accepted anchoring devices.

Composite Joist/Truss

Truss manufacturers vary installation recommendations for composite joist. UL testing was completed to validate that Sammys and Sidewinders SWG 20 and SWG 25-380 can be installed into the top cord of a truss. Sammy GST 20 can be installed into the center of the lower cord of a composite joist. Penetration of the upright center web is permitted by some joist manufacturers. Consult truss manufacturer for recommended installation point.

Pre-drilling may be required by joist manufacturers. If so, pre-drill pilot hole 1/8" smaller than root diamter of fastener.

Consult the table below:

Model	Root Diameter	Hole Size		
GST 20	.182	1/8″		
GST 25-380	.280	7/32″		
SWG 20	.182	1/8″		
SWG 25-380	.280	7/32″		

To increase efficiency of the installation process, sleeve tools, bit receivers, and wood bits are available for pre-drilling.

NFPA/NEC Standards

All UL and FM testing complies with NFPA 13 and NEC standards. Check with your local Authority Having Jurisdiction to confirm application and usage.

UL Listings / FM Approvals UL and FM reports are available at www.sammysuperscrew.com.



CAD Drawings

CAD drawings are available and can be downloaded at www.sammysuperscrew.com.

Made in the U.S.A. Products

Contact Information

Technical Assistance: (800) BUILDEX Option #6 (x 3259) Customer Service: (800) BUILDEX Option #1

Warranty • Disclaimer of Warranty

Proper fastener connection design takes into account where and how fasteners are used. Allowance for special characteristics in materials, differences in materials, differences in types of materials being joined, unique or unusual environmental service or installation conditions and the safety factors required by anticipating normal or short term loading conditions must be considered. Due to possible differences in specifications, applications, and interpretation of results, purchasers and specifiers must make their own evaluation of the products, to determine the suitability of these products for intended use. All warranties of Buildex products, expressed or implied, including the warranties of merchantability and fitness for particular purposes are specifically excluded except for the following: Buildex will repair or replace any product which, within twelve months after sale by Buildex or its distributors, is found by Buildex to be defective in material or workmanship - normal wear and tear accepted. This is the sole warranty of Buildex and the sole remedy available to distributor or buyer. Buildex shall not be liable for any injury, loss or damage, direct, indirect, or consequential, arising out of the use of, or the inability to use, any Buildex product.

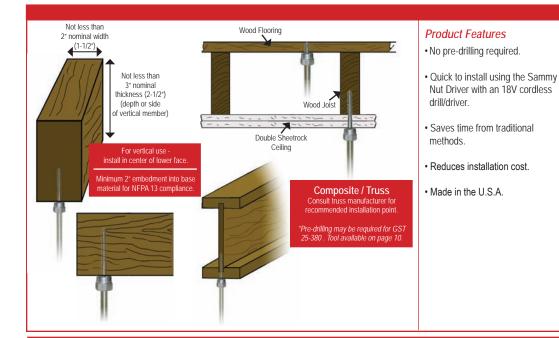
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VERTICAL MOUNT



SAMMYS[®] for Wood Installs VERTICALLY into the bottom of wood structures easily and quickly!



Approvals	Rod Size	Part Number	Model	Screw Descriptions	Ultimate Pullout (lbs)	UL Test Load (Ibs)	FM Test Load (Ibs)	Box Qty	Case Qty
	1/4"	8002957	GST 100	1/4 x 1"	210 (7/16" OSB) 670 (3/4" Ply)			25	125
	1/4"	8003957	GST 200	1/4 x 2"	1760 (Fir)			25	125
	1/4"	8004957	GST 300	1/4 x 3"	2060 (Fir)			25	125
	3/8"	8006957	GST .75	1/4 x 3/4"	564 (3/4" Ply)			25	125
J	3/8"	8007957	GST 10	1/4 x 1"	210 (7/16" OSB) 670 (3/4" Ply)	300		25	125
	3/8"	8008957	GST 20	1/4 x 2"	1760 (Fir)	850	1475	25	125
) ID	3/8"	8068925	GST 20-SS	1/4 x 2"	1760 (Fir)	850		25	125
)	3/8"	8009925	GST 25-380	3/8 x 2-1/2"	2113 (Fir)	1500		25	125
	3/8"	8010957	GST 30	1/4 x 3"	2060 (Fir)	1500	1475	25	125
	3/8"	8069925	GST 30-SS	1/4 x 3"	2060 (Fir)			25	125
	3/8"	8011925	GST 40	1/4 x 4"	2180 (Fir)			25	125
	3/8"	8012925	GST 60	1/4 x 6"	2230 (Fir)			25	125
	1/2"	8013925	GST 2	1/4 x 2"	1760 (Fir)			25	125
	1/2"	8014925	GST 2.5-380	3/8 x 2-1/2"	2113 (Fir)			25	125
	1/2"	8015925	GST 3	1/4 x 3"	2275 (Fir)			25	125
	1/2"	8016925	GST 4	1/4 x 4"	2180 (Fir)			25	125
	1/2"	8017925	GST 6	1/4 x 6"	2230 (Fir)			25	125



Nut Driver Part # 8114910

SAMMY Swivel Head[®] for Wood Installs VERTICALLY and swivels up to 17° in wood structure



- · Eliminates distortion of threaded rod.
- Accommodates up to 3 1/2" x 12 pitch roof.
- Allows 17° deflection from vertical.

8141957

SH-GST 30

- Saves time from traditional methods Reduces installation cost.
- Made in the U.S.A.
- Ultimate **UL** Test FM Test Min Box Rod Part Screw Approvals Model Size Number Descriptions Pullout (lbs) Load (lbs) Load (lbs) Thickness Qty Qty 8139957 3/8" SH-GST 20 1/4 x 2" 1257 (Fir) 1050 1475 25 125 125

#14 Black Nut Driver Part # 8113910

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.

1/4 x 3"



25

1475

1500

3/8"



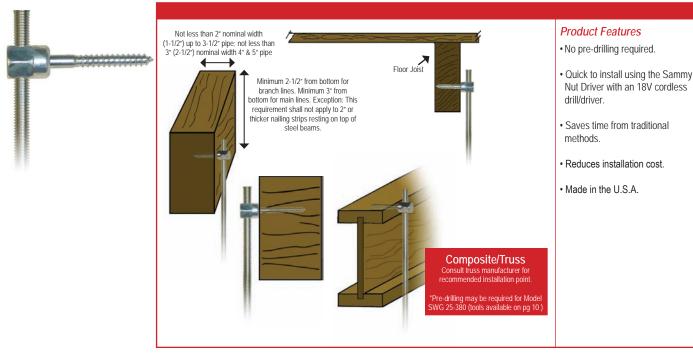
1720 (Fir)





HORIZONTAL MOUNT

SIDEWINDERS[®] for Wood Installs HORIZONTALLY into the side of wood structures easily and quickly

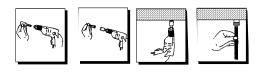


	Approvals	Rod Size	Part Number	Model	Screw Descriptions	Ultimate Pullout (lbs)	UL Test Load (lbs)	Box Qty	Case Qty
		1/4"	8018957	SWG 100	1/4 x 1"	622 (Fir)		25	125
		1/4"	8019957	SWG 200	1/4 x 2"	1725 (Fir)		25	125
	(U) us	3/8"	8020957	SWG 10	1/4 x 1"	622 (Fir)	300	25	125
- 1		3/8"	8021957	SWG 20	1/4 x 2"	1725 (Fir)	1050	25	125
	(UL)us	3/8"	8073925	SWG 20-SS	1/4 x 2"	1725 (Fir)	850	25	125
SW Red		3/8"	8022925	SWG 25-380	3/8 x 2-1/2"	2249 (Fir)	1500	25	125
ut Driver		3/8"	8023925	SWG 30	1/4 x 3"	1884 (Fir)		25	125
t # 8114910 🛄									

INSTALLATION STEPS - VERTICAL INTO WOOD & STEEL:

- 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)

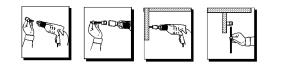
Note: When installing DSTR, follow the above instructions, then add retainer nut and torque to 20 foot lbs. for maximum pullout in purlin steel.



INSTALLATION STEPS - HORIZONTAL INTO WOOD & STEEL

- 1. Insert the appropriate nut driver into a 3/8" or 1/2" portable drill.
- Insert the SAMMYS into the #14SW (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 the drill and remove.
- 4. The unit is now ready to receive 1/4", 3/8" or metric all thread rod or bolt stock.

Note: When installing SWDR, follow the above instructions, then add retainer nut and torque to 20 foot lbs. for maximum pullout in purlin steel.

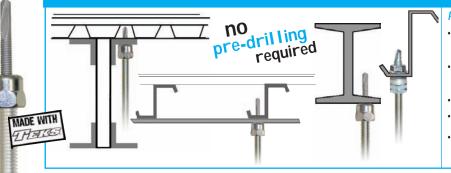


SPECIAL NUT DRIVER SYSTEM: The nut drivers were designed with a unique spin-off feature which provides a fast and safe installation each time. When the face of the driver comes into contact with the material you are installing into, continue drilling until nut driver spins free. Installation is then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

VERTICAL MOUNT

SAMMYS[®]

SAMMYS[®] for Steel



Product Features

- Made with Teks[®] self-drilling fasteners no pre-drilling required.
- Install into steel range from 22 gauge - 1/2" thicknesses.
- · Saves time from traditional methods. · Reduces installation cost.
- Quick to install using the Sammy Nut Driver with an 18V cordless drill/driver.

pprovals	Rod Size	Part Number	Model	Screw Descriptions	Ultimate Pullout (lbs)	UL Test Load (lbs)	FM Test Load (lbs)	Min Thick	Max Thick	Box Qty	Case Qty
	1/4"	8024957	DSTR 100 *	1/4-20 x 1" TEKS 3	1510 (20 ga.)			.036"-20 ga	3/16"	25	125
	1/4"	8025957	DST 100	1/4-14 x 1" TEKS 3	446 (20 ga.)			.036"-20 ga	3/16"	25	125
	1/4"	8026957	DST 150	1/4-14 x 1-1/2" TEKS 3	970 (16 ga.)			.036"-20 ga	3/16"	25	125
	1/4"	8027957	DST 200	1/4-14 x 2" TEKS 3	446 (20 ga.)			.036"-20 ga	3/16"	25	125
	1/4"	8030957	TEK 500	12-24 x 1-1/2" TEKS 5	3125 (3/16")			.187″-3/16″	1/2"	25	125
	3/8"	8038957	DSTR 1 *	1/4-20 x 1" TEKS 3	1510 (20 ga.)	1500	1475	.036"-20 ga	3/16"	25	125
	3/8"	8037957	DSTR 1-1/2 *	12-24 x 1-1/2" TEKS 5	1510 (3/16")	1500	1475	.060"-16 ga.	1/2"	25	125
	3/8"	8039957	DSTR 516 *	5/16-18 x 1-1/4" TEKS 3	2200 (20 ga.)	1500	1475	.036"-20 ga	1/8"	25	125
	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
	3/8"	8077925	DST 10-SS	1/4-14 x 1" TEKS 3	446 (20 ga.) 970 (16 ga.)			.036"-20 ga	3/16"	25	125
	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
	3/8"	8078925	DST 15-SS	1/4-14 x 1-1/2" TEKS 3	446 (20 ga.) 970 (16 ga.)			.036"-20 ga	3/16"	25	125
	3/8"	8042957	DST 20	1/4-14 x 2 TEKS" 3	446 (20 ga.) 970 (16 ga.)			.036"-20 ga	3/16"	25	125
	3/8"	8043957	DST 25	1/4-14 x 2-1/2" TEKS 3	446 (20 ga.) 970 (16 ga.)			.036"-20 ga	3/16"	25	125
	3/8"	8044957	DST 30	1/4-14 x 3" TEKS 3	446 (20 ga.) 970 (16 ga.)			.036"-20 ga	3/16"	25	125
	3/8"	8045957	DST 516	5/16-18 x 1-1/4" TEKS 3	1500 (3/16")	1500	1475	.125"-1/8"	1/8"	25	125
	3/8"	8046957	TEK 50	12-24 x 1-1/2" TEKS 5	3125 (3/16")	1500	1475	.187″-3/16″	1/2"	25	125
	1/2"	8031925	DST 2.0	1/4-14 x 2" TEKS 3	446 (20 ga.) 970 (16 ga.)			.188"-3/16"	1/4"	25	125
	1/2"	8033925	DSTR 1.0 *	1/4-20 x 1" TEKS 3	1510 (20 ga.)			.036"-20 ga	3/16"	25	125
	1/2"	8034925	DSTR 5.16 *	5/16-18 x 1-1/4" TEKS 3	2220 (20 ga.)			.036"-20 ga	1/8"	25	125
	1/2"	8035925	DST 5.16	5/16-18 x 1-1/4" TEKS 3	1500 (3/16")			.125"-1/8"	1/8″	25	125
ludes retai	1/2"	8036925	TEK 5.0	12-24 x 1-1/2" TEKS 5	3125 (3/16")			.187"-3/16"	1/2"	25	125

SAMMY Swivel Head[®] for Steel Installs VERTICALLY and swivels up to 17° in steel structure

· Installs into angled Z-Purlin; Allows

6

UL Test

1500

Load (lbs

threaded rod to hang plumb. · Allows 17° deflection from vertical

Ultimate

Pullout (lbs

3220 (3/16")



STEEL STEEL STE

#14 Black Nut Driver Part # 8113910

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.

1/4-20 x 1"



Part

Numb

Model

8137957 SH-DSTR 1

Rod

Size

3/8



FM Test

Load (lbs

1475

Thick

.035'



(Does not comply with ROHS requirements)

Max

Thicl

3/16'

Qtv

25

SAMMYS®

HORIZONTAL MOUNT

SIDEWINDERS® for Steel Installs HORIZONTALLY into the side of steel structures easily and quickly!

MADE WITH HATE

no pre-drilling required

Product Features

- · Made with Teks® self-drilling fasteners no pre-drilling required.
- Install into steel range from 22 gauge 1/2" thicknesses.
- · Saves time from traditional methods.
- · Reduces installation cost.
- · Quick to install using the Sammy Nut Driver with an 18V cordless drill/driver.

#14 SW Red Nut Driver								
Part # 8114910								

Approvals	Rod Size	Part Number	Model	Screw Descriptions	Ultimate Pullout (lbs)	UL Test Load (lbs)	FM Test Load (lbs)	Min Thickness	Max Thickness	Box Qty	Case Qty
	1/4"	8047957	SWD 100	1/4-14 x 1" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	1/4"	8049957	SWDR 100 *	1/4-20 x 1" TEKS 3	1900 (20 ga.)			.036"-20 ga	3/16"	25	125
	3/8"	8050957	SWD 10	1/4-14 x 1" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	3/8"	8080925	SWD 10-SS	1/4-14 x 1" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	3/8"	8051957	SWD 15	1/4-14 x 1-1/2" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	3/8"	8081925	SWD 15-SS	1/4-14 x 1-1/2" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	3/8"	8052957	SWD 20	1/4-14 x 2" TEKS 3	1477 (16 ga.)			.060"-16 ga	3/16"	25	125
	3/8"	8053957	SWD 516	5/16-18 x 1-1/4" TEKS 3	2480 (20 ga.)			.036"-20 ga	1/8″	25	125
	3/8"	8055957	SWDR 1 *	1/4-20 x 1" TEKS 3	1900 (20 ga.)	1500	1475	.036"-20 ga	3/16"	25	125
	3/8"	8054957	SWDR 1-1/2 *	12-24 x 1-1/2" TEKS 5	2375 (3/16")	1500	1475	.187"-3/16"	1/2"	25	125
	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
	3/8"	8057957	SWT 15	12-24 x 1-1/2" TEKS 5	2375 (3/16")			.187"-3/16"	1/2"	25	125

*Includes retaining nut

Performance Data - Steel

Sheet Steel Gauges											
Gauge No. 26 24 22 20 18 16 14 12 3/16" 1/4"							1/4″				
Nominal Decimal Equivalent	.018	.024	.030	.036	.048	.060	.075	.105	.188	.250	

Ul	Ultimate Pullout Values (avg. lbs. ultimate) - SAMMYS												
Fast	ener			Steel Gauge (lbs.)									
Model	Dia.	Pt.	20	18	16	14	12	3/16	1/4				
DST	1/4	#3	446	613	970	1145	1544	3190					
DST 516	5/16	#3	457	568	1209	1712	2422						
TEK 50	#12	#5		487	699	913	1527	3270	3593				
DSTR 1-1/2"	#12	#5						3270	3593				
DSTR 1"	1/4	#3	1510										
DSTR 516	5/16	#3	2200										

Ultim	ate Pul	lout Va	lues (a	va. Ibs	ultima	te) - Sl	DEWIN	DFRS	
Fast		ues (avg. lbs. ultimate) - SIDEWINDERS Steel Gauge (lbs.)							
Model	Dia.	Pt.	20	18	16	14	12	3/16	1/4
SWD	1/4	#3			1477				
SWDR 1-1/2"	#12	#5	2375						
SWDR 1"	1/4	#3	1900			1900			
SWDR 516	5/16	#3	2480			2480			

Aluminum Curtain Wall Extrusion Ultimate Pullout Values (average lbs. ultimate)												
Fast			Thickness									
Model	Dia.	Pt.	.114	.092	.365	.132						
DST 10	1/4	#3	1265		2750							
SWD 10	1/4	#3		1120		1420						

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.

SAMMY X-PRESS®



Sammy X-Press[®]

X- $Press^{\circ}$ Installs into Metal Deck, Purlin, or Tubular Sto



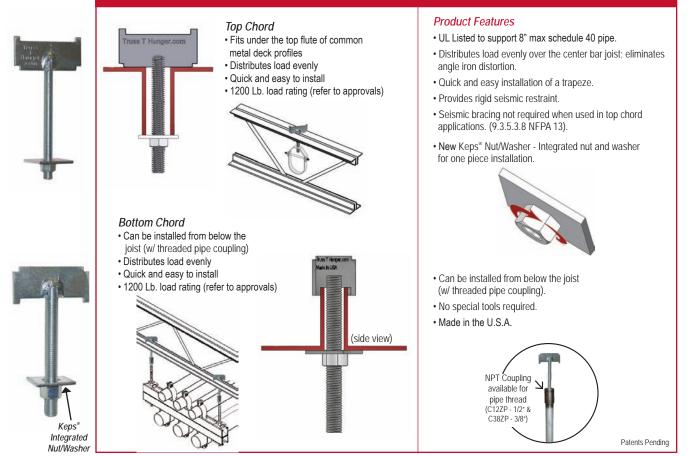
	Approvals	Rod Size	Part Number	Model	Description	Ultimate Pullout (Ibs)	UL Test Load (lbs)	FM Test Load (Ibs)	Min Thick	Max Thick	Box Qty	Case Qty	Application
		10UNT 1/4"	8181922	XP 200	X-Press 200	1146 (22 ga)	185 (Luminaire) 250 (Luminaire)		.027" .056″	.125″	25	125	Metal Deck
	Here and the second	3/8"	8150922	XP 20	X-Press 20	1146 (22 ga)	850 (2½" Pipe) 185 (Luminaire) 250 (Luminaire) 283 (Conduit & Cable)	940 (2" Pipe) 1475 (4″ Pipe)	.027" .027″ .056″	.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)	940 (2" Pipe) 1475 (4" Pipe)	.060" .105" .027" .056"	.125″	25	125	Purlin
		3/8″	8294922	SXP 20	Swivel X-Press 20	1061 (22 ga Vertical) 829 (45° Off Vertical)	750 (2" Pipe) 170 vertical (Luminaire) 80 @ 45° (Luminaire) 283 vertical (Conduit & Ca 233 @ 45° (Conduit & Ca		.027″	.125″	25	125	Metal Deck
		3/8"	8295922	SXP 35	Swivel X-Press 35	1675 (16 ga Vertical) 1558 (89° Off Vertical)	1500 (4" Pipe) 250 vertical (Luminaire) 80 @ 90° (Luminaire) 500 vertical (Conduit & Ca 333 @ 89° (Conduit & Ca		.060"	.125″	25	125	Purlin
	annon annon	3/8"	8150922	XP 20	Sammy X-Press 20	1146 (22 ga)	850 (2½ Pipe)	Pre-Pour Structur Post-Pour Range			25	125	Metal Deck (Pre-Pour) Metal Deck (Post-Pour)
	HORIZONTA	3/8"	NT 8293957	SWXP 35	Sidewinder X-Press 35	1798 (16 ga)	1250 (3½" Pipe) 80 (Luminaire) 416 (Conduit & Cable)		.060″	.125″	25	125	Purlin
				Pre-Pour	Structural Concrete @ 3	000 psi	Post-Po	ur Range II LWC≤ 3	5 PCF (lbs/	/ ft ^a)			





TRUSS-T HANGER®

Truss-T Hanger[®] For hanging electrical, fire suppression, plumbing, and HVAC in open web bar joist



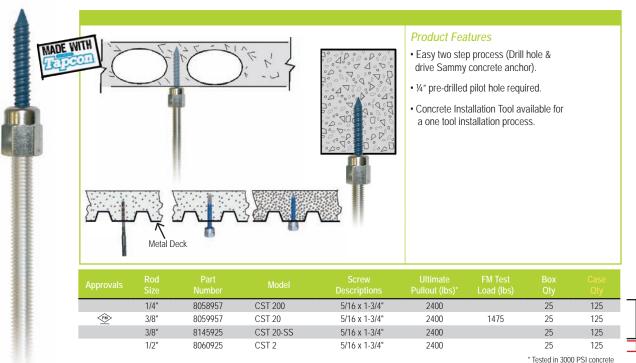
Approvals	Rod Size	Part Number	Model	Description	UL Test Load (Ibs.)	UL Load Rating (Ibs.)	Listed Application Approvals	Box Qty		
TOP CHORD	MODELS									
Que as	Lange Strange		3/8" Top Chord T w/ Square KEPS® Nut/Washer	6075	1200	Maximum 4" Schedule 40 pipe Luminaire Fittings Conduit and Cable	25			
QU _{NTO} IS	1/2"	8298900	HD12TC	1/2" Top Chord T w/ Square KEPS® Nut/Washer	6075	1200	Maximum 8" Schedule 40 pipe Luminaire Fittings Conduit and Cable	25		
BOTTOM CHORD MODELS										
UNICO S	3/8"	8297900	HD38BC	3/8" Bottom Chord T w/ Square KEPS [®] Nut/Washer	6075	1200	Maximum 4" Schedule 40 pipe Luminaire Fittings Conduit and Cable	25		
United States	1/2"	8299900	HD12BC	1/2" Bottom Chord T w/ Square KEPS [®] Nut/Washer	6075	1200	Maximum 8" Schedule 40 pipe Luminaire Fittings Conduit and Cable	25		
BOTTOM CHO	ORD MOI	DELS WITH C	OUPLING							
NEW-	3/8"	8259900	HD38CZP	3/8" Bottom Chord T w/ Threaded Pipe Coupling				25		
University of the second secon	1/2"	8198900	HD12CZP	1/2" Bottom Chord T w/ Threaded Pipe Coupling	6075	1200	Maximum 8" Schedule 40 pipe Luminaire Fittings Conduit and Cable	25		
ACCESSORI	ES									
NEW-		8287900	C38ZP	3/8" Transitional Coupling (All Thread	3/8" Transitional Coupling (All Thread to 1/2" NPT)					
		8288900	C12ZP	1/2" Transitional Coupling (All Thread	to 1/2" NPT)			25		



VERTICAL MOUNT



SAMMYS[®] for Concrete Installs VERTICALLY into the bottom of concrete structures easily and quickly!



#14SW Red Nut Driver Part # 8114910

#14 Black

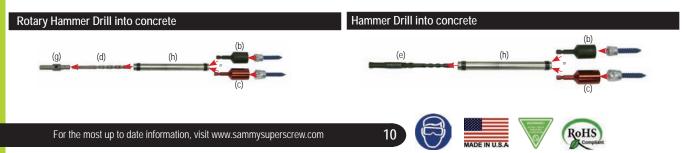
Nut Driver

Part # 8113910

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

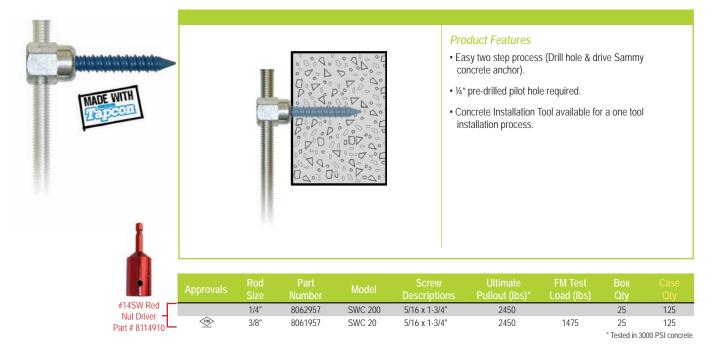
Concrete / Wood Installation Kit The only tool needed to install SAMMYS & SIDEWINDERS

	Part Number 8122910	Description Concrete Installation Kit (a)	Each Qty	
		Kit includes the following items:		
	8113910	#14 Black Nut Driver (b)	1	
	8114910	#14 SW Red Nut Driver (c)	1	UNE
	8116910	#250 Bit (1/4") (d)	1	The hole and
	8117910	SDS Bit (1/4") (e)	1	DRILL the hole and
and the second	8118910	7/32 Wood Bit (f)	1	
	8120910	HEX 250 Bit Receiver (1/4") (g)	1	DRIVE ^{the anchor!}
	8098910	SL 250 Sleeve (h)	1	UNIVE
	8121910	SDS B250 Bit Receiver (1/4")*	1	
		*Only sold separately - no	t included in kit.	



HORIZONTAL MOUNT

SIDE WINDERS[®] for Concrete Installs HORIZONTALLY into side of concrete structures easily & quickly.



INSTALLATION STEPS - VERTICAL INTO CONCRETE:

- 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 (see Vertical Installation note above).
- 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.

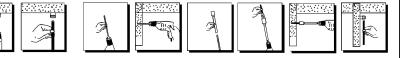


INSTALLATION STEPS - HORIZONTAL INTO CONCRETE:

- Using an SDS 250 carbide tip bit or a HEX RECEIVER with a #250 carbide tip bit, predrill the concrete member to a depth of 2" with an 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 #14SW (red) nut driver (p/n 8114910) into the opposite end.
- 3. Install the SWC 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 SWC screw, installation is complete. Stop and remove drill.
- 5. The SWC screw is ready to receive 1/4", 3/8" or metric all thread rod or bolt stock.

NOTE: Use a 1200 maximum RPM drill for installation.

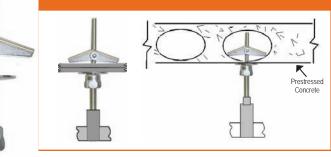
NOTE: Do not install concrete screws while the drill unit is in impact mode — doing so will destroy the pullout factor of the fastener.



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.

DRYWALL/CEILING SCREWS SAMMYS

SAMMY Toggle for Drywall or Concrete



Installation Steps:

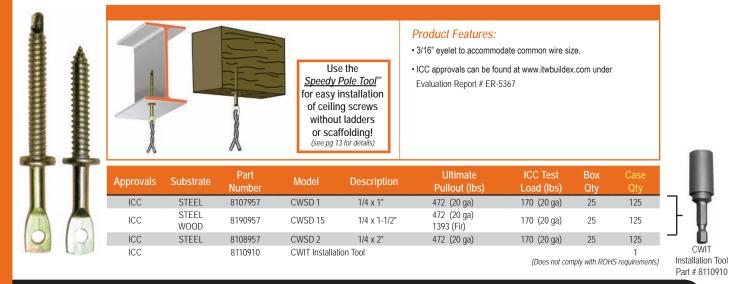
- 1. Pre-drill a 5/8" hole with a regular drill or hole saw.
- Insert SST screw into #14 black nut driver. With wing nut and washer on bolt, insert wing nut thru surface, and begin installation.
- 3. When bolt is secure and nut driver spins free, stop drill motor and remove.
- 4. SST screw is now ready to receive 1/4", 3/8", or Metric all thread rod or bolt stock.

Part # 8113910

Rod Size	Part Number	Model	Screw Descriptions	Ultimate Pullout (lbs)	Box Qty	Case Qty
1/4"	8063925	SST 300	1/4 x 3"	450 (Lath & Plaster) 404 (2 Layers 5/8 Rock)	25	125
3/8"	8064925	SST 30	1/4 x 3"	450 (Lath & Plaster) 404 (2 Layers 5/8 Rock)	25	125

SAMMY Ceiling Screws

0



DEKTITE[™] Pipe Flashing A quicker, more efficient way to flash your refrigeration/freezer units

3	INSULATER Freezer Structur	CLEARANCE HOLE	TAY UP TO CODE! with a quicker, nore efficient way to flash your eration/freezer units.	 Product Features: Complies with NFPA 13 Code Changes Flashing for dry pendant sprinklers subject to extreme temperature changes One piece construction is easy to install Pipe diameter markings ensure accurate fit EPDM temperature range of -65°F TO + 250°F 				
	Part Number	Description	Pipe Outside Diameter	Dektite Base Diameter	Dektite Height	Box Qty		
	4001910	Mini	1/4" - 1-1/8"	3-1/2″	1-3/4"	20		
	4003910	1	1/4" - 2"	4-3/4"	3″	10		
	4004910	2	1-3/4" - 3-1/4"	6-1/4″	4"	10		
	Visit http://www.itwbuil	dex.com/dektite.htm for mo	pre information.					







ACCESSORIES

Speedy Pole Tool[™] & Universal Socket Kit Hang it HIGH from down low

600	10 and 10 and 10	
Part Number	Description	Box Qty
8123910	Pole Tool 6' (3' - 6')	1
8124910	Pole Tool 12' (4' - 12')	1
8125910	Pole Tool 18' (6' - 18')	1
8126910	Pole Tool 24' (8' - 24')	1
Speedy Pole Tool Ir	nstallation (specify choice when orc	lering pole tool)
8127910	Socket Driver	1
8128910	Ceiling Wire Socket Driver	1
8129910	Universal Pole Tool Socket Kit	1

• The Pole Tool and Universal Socket Kit provide easy and safe installation for:

- Sammys Jack Chain
- Threaded Rod Wire
- Pencil Rod Screws

· Ideal for retrofit and hard-to-reach projects in

- Ceiling Screws

wood and steel.





- Universal Pole Tool Socket Kit (8129910) Includes: (Items not sold seperately) • Adaptor Plug (a)
 - Socket Driver for SAMMYS (b)
 - Socket Driver for Ceiling Wire Screws (c)
 - Socket Driver for 1/4" Standard Nut Drivers (d)
 - Stuf Plug for Viper or Ladd Powder Actuated Attachment (e)

Sammy Saddle[®] An inexpensive alternative or enhancement to cable tray

Approval	Rod Size	Part Number	Model	Description	Ultimate Pullout (Ibs) UL Description	Box Qty	
() Linte	1/4" & 3/8"	8149957	CZ 2000	Sammy Saddle w/ Snap Nut	181	Cable Hanger, Cat. No.5 C-Z2000 Plenum Rated, Complies with NEC Standards	25	U.S. Patent No. 6,146,076
	SNAP		НООК			Sammy Saddle attaches to 1/4" or 3/8" thre rod and supports 35 Category 5 cable. - Snap nut anywhere onto threaded rod - Non-corrosive and non-conductive - Supports cable, pipe, or conduit - Multiple hangers per rod - Plenum Rated - Plenum Rated tie wires included	aded	Lister 4516
oot R	Pite	Leve	[®] Prov	ides both a	torpedo le	vel and a gunner nipple in one h	nandy t	ool
Part Num	ber	Мо	del	Ea. Qty				

art Number	Model	Ea. Qty
8130910	Spot Rite Level	1

- 1/2", 3/4", and 1" threading
- Magnetic strip for ease of use
- Pocket Sized
- Lightweight
- 3-vial design for measurement of 0°, 45°, and 90° angles

Assortment Pack 34 piece assortment of our most popular Sammys® & Sidewinders® for 3/8" threaded rod

Part	Number	Model	Master Ctn Qty	
81	63910	Assortment Pack	5	
Each pack incl	udes the following items.			
Approval	Part Number	Model	Description	Pieces/Pack
	8008957	GST 20	2" Sammy for wood	8
	8010957	GST 30	3" Sammy for wood	4
ULL IS NO	8021957	SWG 20	2" Sidewinder for wood	4
	8028957	DSTR 1	1/4-20 x 1" Sammy for steel w/ nut	4
	8046957	TEK 50	12-24 x 1-1/2" for steel	4
	8055957	SWDR 1	1/4-20 x 1" for steel w/ nut	4
	8056957	SWDR 516	5/16-18 x 1-1/4" for steel w/ nut	4
	8113910	#14 NUT DRIVER	Installation Tool - Vertical	1
	8114910	#14SW NUT DRIVER	Installation Tool - Horizontal	1



SAMMYS[®] FOR WOOD Pipe Hanger

Part No.	Model	Rod Size	Mount Direction	UL Max Pipe Size	UL Test Load (lbs)	UL Min Wood Thickness	FM Max Pipe Size	FM Test Load (lbs)	FM Min Wood Thickness
8007957	GST 10	3/8″	Vertical	CPVC 1-1/2"	300	1-1/2"			
8020957	SWG 10	3/8″	Horizontal	CPVC 1-1/2"	300	1-1/2"			
8008957	GST 20	3/8″	Vertical	2-1/2"	850	1-1/2"	4″	1475	1-1/2"
8068925	GST 20-SS	3/8"	Vertical	2-1/2"	850	1-1/2"			
8010957	GST 30	3/8″	Vertical	4"	1500	1-1/2"	4″	1475	1-1/2"
8009925	GST 25-380	3/8″	Vertical	4"	1500	1-1/2"			
8022925	SWG 25-380	3/8″	Horizontal	3-1/2" - 4"*	1500	1-1/2"			
8021957	SWG 20	3/8″	Horizontal	2-1/2" - 3"**	1050	1-1/2"			
8073925	SWG 20-SS	3/8″	Horizontal	2-1/2"	850	1-1/2"			
8139957	SH-GST 20	3/8″	17° Angle off Vertical	3″	1050	1-1/2"	4″	1475	1-1/2"
8141957	SH-GST 30	3/8"	17° Angle off Vertical	4"	1500	1-1/2"	4"	1475	1-1/2"

SAMMYS[®] FOR STEEL Pipe Hanger

Part No.	Model	Rod Size	Mount Direction	UL Max Pipe Size	UL Test Load (lbs)	UL Min. Steel Thickness	FM Max Pipe Size	FM Test Load (lbs)	FM Min. Steel Thickness
8038957	DSTR 1	3/8"	Vertical	4"	1500	.035″	4"	1475	.105″
8037957	DSTR 1-1/2	3/8"	Vertical	4"	1500	.035″	4"	1475	.105″
8039957	DSTR 516	3/8"	Vertical	4"	1500	.037"	4"	1475	.105″
8045957	DST 516	3/8"	Vertical	4″	1500	.188″	4"	1475	.188″
8046957	TEK 50	3/8"	Vertical	4"	1500	.250″	4"	1475	.188″
8055957	SWDR 1	3/8"	Horizontal	4″	1500	.037"	4"	1475	.060″
8056957	SWDR 516	3/8"	Horizontal	4"	1500	.037"	4"	1475	.060″
8054957	SWDR 1-1/2	3/8"	Horizontal	4″	1500	.037"	4"	1475	.060″
8137957	SH-DSTR 1	3/8"	17° Angle off Vertical	4"	1500	.035″	4"	1475	.105″
0150000		2/0#) (a shi a a l	2.1/2"	050	007"	2"	940	.029″
8150922	XP 20	3/8"	Vertical	2-1/2"	850	.027″	4"	1475	.105″
0150000	VD 25	2/0"	\ / - =\ ¹ - =	4.11	1500	0/0"	2"	940	.029″
8153922	XP 35	3/8"	Vertical	4"	1500	.060″	4″	1475	.105″
8294922	SXP 20	3/8"	Vertical or up to 45°	2"	750	.027"	2"	635	.029″
8295922	SXP 35	3/8"	Vertical or up to 89°	3-1/2"	1250	.060"	2"	635	.029″
8293957	SWXP 35	3/8"	Horizontal	3-1/2"	1250	.060″			

SAMMYS[®] FOR CONCRETE Pipe Hanger

Part No.	Model	Rod Size	Mount Direction	UL Max Pipe Size	UL Test Load (lbs)	UL Min PSI	FM Max Pipe Size	FM Test Load (lbs)	FM Min PSI
8059957	CST 20	3/8″	Vertical				4"	1475	3000
8061957	SWC 20	3/8"	Horizontal				4"	1475	3000
8150922	XP 20	3/8″	Vertical	2-1/2"	850	Pre-Pour Structura	al @ 3000psi		
8150922	XP 20	3/8"	Vertical	2-1/2"	850	Post-Pour Range I	II LWC \leq 35 PCF (I	lbs/ft3)	

TRUSS-T HANGER[®] Pipe Hanger

Part No.	Model	Rod Size	Mount Direction	UL Load Rating (lbs)	UL Test Load (Ibs)	Listed Application
8296900	HD38TC	3/8″	Top Chord	1200	6075	Maximum 4" Schedule 40 pipe
8297900	HD38BC	3/8″	Bottom Chord	1200	6075	Maximum 4" Schedule 40 pipe
8198900	HD12CZP	1/2″	Bottom Chord	1200	6075	Maximum 8" Schedule 40 Pipe
8298900	HD12TC	1/2″	Top Chord	1200	6075	Maximum 8" Schedule 40 Pipe
8299900	HD12BC	1/2″	Bottom Chord	1200	6075	Maximum 8" Schedule 40 Pipe

*SWG 25-380 Maximum pipe size in composite wood joist allowed by UL is 3-1/2" *SWG 25-380 Maximum pipe size in wood timber or joist allowed by UL is 4" *SWG 20 Maximum pipe size in composite wood joist allowed by UL is 2-1/2" *SWG 20 Maximum pipe size in wood timber or joist allowed by UL is 3" UL compliance with NEC Standards.

UL and FM tests were performed in compliance with NFPA 13 Standards.

Fastening requirement: 5 times weight of water-filled schedule 40 pipe plus 250 pounds.





For the most up to date information, visit www.sammysuperscrew.com

LUMINAIRE, CONDUIT, TUBING, & CABLE APPROVALS

SAMMYS[®] FOR STEEL Luminaire Fitting

Part No.	Model	Rod Size	Mount Direction	UL Load Rating (lbs)	UL Min Steel Thickness
8150922	XP 20	3/8"	Vertical	185	.027″
0130722	XI 20	5/0	Ventical	250	.035″
8153922	XP 35	3/8"	Vertical	185	.027″
0100722	AF 33	5/0	venical	250	.035″
8181922	XP 200	1/4"	Vertical	185	.027″
0101922	Z AP 200 1/4 Venica	Vertical	250	.035″	
8294922	SXP 20	3/8"	Vertical	170	.027″
8294922	5XP 20	3/8	45°	80	.027″
8295922	SXP 35	3/8"	Vertical	250	.060″
0240422	JAF 30	3/8	90°	80	.060″
8293957	SWXP 35	3/8"	Horizontal	80	.060″

TRUSS-T HANGER® Luminaire Fitting

Part No.	Model	Rod Size	Mount Direction	UL Load Rating (lbs)	UL Test Load (lbs)	Listed Application
8296900	HD38TC	3/8″	Top Chord	1200	6075	Overhead Lighting & Luminaire Fittings
8297900	HD38BC	3/8″	Bottom Chord	1200	6075	Overhead Lighting & Luminaire Fittings
8198900	HD12CZP	1/2″	Bottom Chord	1200	6075	Overhead Lighting & Luminaire Fittings
8298900	HD12TC	1/2″	Top Chord	1200	6075	Overhead Lighting & Luminaire Fittings
8299900	HD12BC	1/2″	Bottom Chord	1200	6075	Overhead Lighting & Luminaire Fittings

SAMMYS[®] FOR STEEL Conduit, Tubing, and Cable

Part No.	Model	Rod Size	Mount Direction	UL Load Rating (lbs)	UL Min. Steel Thickness	Listed Application
8150922	XP 20	3/8″	Vertical	283	.027″	Max 4 trade size EMT, RMC, and IMC & 5 trade size rigid PVC conduit
8153922	XP 35	3/8″	Vertical	500	.060″	Max 4 trade size EMT & 6 trade sze RMC, IMC, and rigid PVC conduit
8294922	SXP 20	3/8"	Vertical	283	.027″	Max 4 trade size EMT, RMC, and IMC & 5 trade size rigid PVC conduit
8295922	SXP 35	3/8″	Vertical	500	.060″	Max 4 trade size EMT & 6 trade sze RMC, IMC, and rigid PVC conduit
8293957	SWXP 35	3/8"	Horizontal	500	.060″	Max 4 trade size EMT & 6 trade sze RMC, IMC, and rigid PVC conduit

Sheet Steel Sizes

Sheet Steel Gauges								
Gauge No.	22 ga.	20 ga.	18 ga.	16 ga.	14 ga.	12 ga.	3/16"	1/4″
Nominal Decimal Equivalent	.030"	.036″	.048″	.060″	.075″	.105″	.188″	.250″

TRUSS-T HANGER[®] Conduit, Tubing, and Cable

Part No.	Model	Rod Size	Mount Direction	UL Load Rating (lbs)	UL Test Load (Ibs)	Listed Application
8296900	HD38TC	3/8"	Top Chord	1200	6075	Up to 6" Trade Size EMT, IMC, and Rigid PVC conduit
8297900	HD38BC	3/8"	Bottom Chord	1200	6075	Up to 6" Trade Size EMT, IMC, and Rigid PVC conduit
8198900	HD12CZP	1/2"	Bottom Chord	1200	6075	Up to 6" Trade Size EMT, IMC, and Rigid PVC conduit
8298900	HD12TC	1/2"	Top Chord	1200	6075	Up to 6" Trade Size EMT, IMC, and Rigid PVC conduit
8299900	HD12BC	1/2"	Bottom Chord	1200	6075	Up to 6" Trade Size EMT, IMC, and Rigid PVC conduit

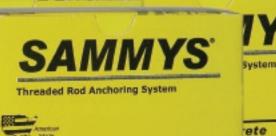
UL compliance with NEC Standards.

LISTED US PIPE HANGER ALSO LISTED AS CONDUIT AND CABLE HARDWARE ALSO LISTED AS ANCHOR FOR LUMINAIRE 9R21









Concrete

www.sammysuperscrew.co

Steel

Wood



Drywall

ew.con

Drywall

Sammys[®], Sammy X-Press[®], Sammy X-Press It[®], Sammy X-Press Swivel[™], Sammy X-Press Sidewinder[™], Tapcon[®], Sammy Saddle[™], Speedy Pole Tool[™], Spot-Rite Level[™], Teks[®], and Truss-T Hanger[®] are trademarks of ITW Buildex and Illinois Tool Works, Inc.

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