



■ 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	-----	-----

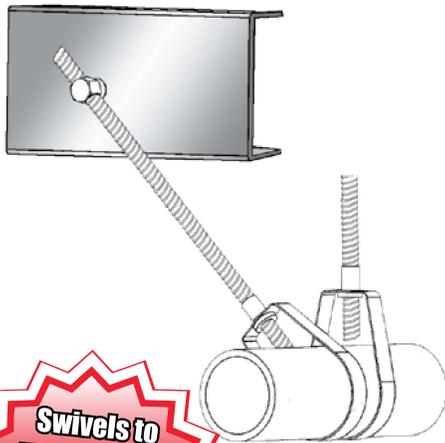
Aluminum Curtain Wall Extrusion Ultimate Pullout Values

(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

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:	(SWDR 1-1/2): 12-24 X 1-1/2" Tek® 5 (SWDR 516): 5/16"-18 X 1-1/4" Tek® 3
Finish (both):	Electro-Zinc (cap) Silver Climaseal® (screw)
Testing:	BX Report # R-1362
Listing:	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 $l/r=100, 200, 300, \text{ and } 400$

RESTRAINT SHAPE AND SIZE	NOMINAL DIAMETER	AREA (in. ²)	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)