

# SAMMYS<sup>®</sup>

## SSC Hurricane Protection Anchors



### APPROVAL/LISTINGS

Miami Dade County # 11-0616.04

For the most current approvals/listings visit: [www.itw-redhead.com](http://www.itw-redhead.com)

### APPLICATIONS



Direct mount permanent anchors for quick and easy installations for metal and plywood panels to hollow block and concrete.

## DESCRIPTION/SUGGESTED SPECIFICATIONS

### SPECIFIED FOR SECURING SHUTTERS

Low profile permanent anchors for quick and easy secure shutter installations.

## ADVANTAGES

- Thread: 1/4-20 internal thread
- Thread Depth: 5/8"
- Head Diameter: 1/2"
- Head Length: 3/4"
- Cap made of 304 stainless steel will never rust.
- "Original" Tapcon<sup>®</sup> 1/4 dia. anchor with Blue Climaseal<sup>™</sup>.
- T25 torx<sup>®</sup> driver for fast and easy installations.

## SELECTION CHART

SAMMYS Hurricane Protection Anchors			Diameter.....1/4"	Thread Form.... Original Notched Hi-Lo <sup>™</sup>
PART NO.	ANCHOR LENGTH	BOX QTY	Point Type....Nail	Finish.....Blue Climaseal <sup>™</sup>
8167957	3-1/4"	125		
8155957	6"	125		
8182910	Installation Tool	1		

## PERFORMANCE TABLES

SAMMYS Hurricane Protection Anchors			Ultimate Tension and Shear Values (Lbs/kN) in Concrete		
ANCHOR DIA. In. (mm)	MIN. DEPTH OF EMBEDMENT In. (mm)	EDGE DISTANCE	f <sub>c</sub> = 3295 PSI (22.7 MPa)		
			TENSION Lbs. (kN)	SHEAR Lbs. (kN)	
1/4 (6.4)	1 (25.4)	1-1/4 (31.8)	1,533 (6.8)	1,166 (5.2)	
	1 (25.4)	2-1/2 (63.5)	2,024 (9.1)	1,264 (5.6)	
	2-1/4 (57.2)	1-1/4 (31.8)	2,972 (13.2)	1,342 (6.0)	
	2-1/4 (57.2)	2-1/2 (63.5)	3,099 (13.8)	1,906 (8.5)	

Safe working loads for single installation under static loading should not exceed 25% of the ultimate load capacity. Divide by 4.

SAMMYS Hurricane Protection Anchors			Ultimate Tension and Shear Values (Lbs/kN) in Hollow Concrete Masonry Units		
ANCHOR DIA. In. (mm)	MIN. DEPTH OF EMBEDMENT In. (mm)	EDGE DISTANCE	f <sub>c</sub> = 1500 PSI (10.4 MPa)		
			TENSION Lbs. (kN)	SHEAR Lbs. (kN)	
1/4 (6.4)	1-1/4 (31.8)	1-1/4 (31.8)	1,388 (6.2)	526 (2.3)	
	1-1/4 (31.8)	2-1/2 (63.5)	1,427 (6.3)	1,056 (4.7)	

Safe working loads for single installation under static loading should not exceed 25% of the ultimate load capacity. Divide by 4.

SAMMYS Hurricane Protection Anchors			Ultimate Tension and Shear Values (Lbs/kN) in Grout-Filled (CMU)		
ANCHOR DIA. In. (mm)	MIN. DEPTH OF EMBEDMENT In. (mm)	EDGE DISTANCE	Hollow Block f <sub>c</sub> = 2000 PSI (13.8 MPa)		
			TENSION Lbs. (kN)	SHEAR Lbs. (kN)	
1/4 (6.4)	2-1/2 (63.5)	1-1/4 (31.8)	3,011 (13.4)	1,086 (4.8)	
	2-1/2 (63.5)	2-1/2 (63.5)	3,332 (14.8)	1,317 (5.9)	

Safe working loads for single installation under static loading should not exceed 25% of the ultimate load capacity. Divide by 4.