

## Product Image



## Head & Drive Types



Pan Head  
Phillips



Hex Head  
Phillips/Square



Wafer Head  
Phillips



Pan Head  
Square

## Suitable Base Materials

Wood  
Drywall  
Concrete  
Grout-Filled Masonry  
Brick Masonry  
Hollow Concrete Masonry  
Plaster

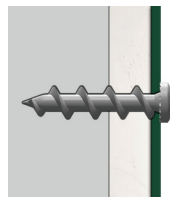
## Wall Twister®

The Wall Twister® is an all steel, single piece screw anchor manufactured with a unique deep cutting thread design, it's suitable for fastening objects into drywall, wood, concrete, plaster, brick, and block walls. The patented reverse serration design under the head prevent over-torquing. When working with masonry-based materials, use the 3/16" carbide tipped drill bit included in the kit to create a pilot hole. When fastening into drywall or wood, no pre-drilling is required. Typical applications include HVAC fixtures, signs, telecommunications equipment, plumbing fixtures, and many more.

## Features & Benefits

- Reverse serrations prevent over-torquing
- Removable
- High profile helical thread design provides deep engagement in the substrate
- No plug or plastic anchor required
- Small pilot hole in masonry-based materials
- No pre-drilling required in drywall or wood
- Heat treated point provides increased tip hardness

## Installation Instructions



### No Pre-Drilling Required

(Wood and Drywall)

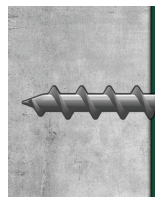
Simply insert the anchor through the fixture and screw into base material until secure.



### Pre-Drilling Required

(Concrete, Grout-Filled Masonry, Brick Masonry, Hollow Concrete Masonry, Plaster)

1. Pre-drill a 3/16" hole using the carbide tipped drill bit provided.



2. Insert the anchor through the fixture and screw into base material until secure.

# PRODUCT SPECIFICATIONS



## Ultimate Load Capacities for Wall Twister® in Grout-Filled, Hollow Concrete and Structural Brick Masonry<sup>1 2</sup>

Minimum Embedment Depth	Anchor Location	Grout Filled Concrete Masonry ASTM C90		Hollow Concrete Masonry ASTM C90		Brick Masonry	
		Tension	Shear	Tension	Shear	Tension	Shear
3/4"	Center of Masonry Unit	-	-	-	-	420 lbs	690 lbs
3/4"	T-Joint	-	-	-	-	420 lbs	620 lbs
1"	Center of Masonry Unit	525 lbs	885 lbs	525 lbs	885 lbs	525 lbs	885 lbs
1"	T-Joint	345 lbs	990 lbs	345 lbs	990 lbs	345 lbs	990 lbs

<sup>1</sup> The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

<sup>2</sup> Anchor performance in concrete and masonry is dependent on proper hole preparation, hole size, depth, and cleanliness.

## Ultimate and Allowable Load Capacities for Wall Twister® in Normal-Weight Concrete<sup>1 2</sup>

Diameter	Min. Depth	Minimum Concrete Compressive Strength (4000 psi)			
		Ultimate Load		Allowable Load	
		Tension	Shear	Tension	Shear
1/4"	3/4"	425 lbs	1125 lbs	90 lbs	260 lbs
	1"	885 lbs	1250 lbs	175 lbs	270 lbs

<sup>1</sup> The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

<sup>2</sup> Anchor performance in concrete and masonry is dependent on proper hole preparation, hole size, depth, and cleanliness.

## Ultimate Load Capacities for Wall Twister® in Drywall and Plywood<sup>1 2</sup>

1/2" Drywall		5/8" Drywall		3/4" Plywood	
Tension	Shear	Tension	Shear	Tension	Shear
30 lbs	70 lbs	75 lbs	185 lbs	490 lbs	985 lbs

<sup>1</sup> The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

<sup>2</sup> Failure in drywall is by the screw pulling out of the hole and the load capacity is dependent on the drywall material, not on the screw.