

USA

Dust Guard



Div. of Scott Electric • 800-388-2232, #2403

Helical Wall & Stitching Ties

Masonry Replacement Anchors & Crack Stitching



Fix Facades Fast!

SIMPSON
Strong-Tie

Helical Twist Ties — 3/8" (9mm) Diameter Stainless-Steel Helical Wall Ties

ANCHORS BUILDING FACADES TO STRUCTURAL MEMBERS

Helical, stainless steel ties are used to stabilize and anchor masonry building facades to structural inside members.

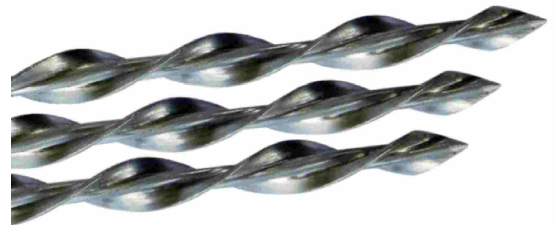
The need for this type of reinforcement arises when pre-existing wall anchors were never installed, were inadequately spaced or have corroded away over time.

Helical Wall Ties are an economical solution that can be installed directly through the facade into various backup materials such as solid concrete, CMU block and even wood or metal studs.



Superior Design, Quality & Installation

1. Made from select grade stainless steel
2. High Quality Control & Assurance:
 - a. all materials are checked to be sure that they meet exact design specifications and tolerances
 - b. Each work station is also a quality control check for the previous work step.



JOB SITE INSTALLATION - EASIER & FASTER: A 7/32" or 1/4" pilot hole is drilled through the existing brick wall, any air gap, and into the structural member. The blue end of the Heli Tie is placed in the installation tool and driven into the pre-drilled hole. As it is driven, the fins of the tie tap into the masonry facade and structural member to provide an expansion-free anchorage (will not put stress on the facade member), will withstand tension and compression loads and will not loosen with vibration.

Installation Tool - short, 3" length, solid one-piece installation tool (right), for use with SDS-Plus rotary hammer drills. Automatically countersinks the tie into the facade material 1/2" below the surface, allowing the location to be patched with clear silicone or a color matching facade material.



Installation Tool
Short 3" Length

Helical Wall & Anchor Ties, 3/8" (9mm) Diameter — installs with 7/32" or 1/4" drill bit



Installation Tool
Heli-Ties
3" OAL
SDS-Plus
Shank

ITEM	DESCRIPTION	QTY / UNIT	PRICE / UNIT
HELITool37A	Installation Tool, 3/8" Heli-Ties	1	
HELI37700A	Heli-Tie, 304SS, 3/8" x 7"	50	
HELI37800A	Heli-Tie, 304SS, 3/8" x 8"	50	
HELI37900A	Heli-Tie, 304SS, 3/8" x 9"	50	
HELI371000A	Heli-Tie, 304SS, 3/8" x 10"	50	
HELI371100A	Heli-Tie, 304SS, 3/8" x 11"	50	
HELI371200A	Heli-Tie, 304SS, 3/8" x 12"	50	
HELI371400A	Heli-Tie, 304SS, 3/8" x 14"	50	
HELI371600A	Heli-Tie, 304SS, 3/8" x 16"	50	
HELI371800A	Heli-Tie 304SS, 3/8" x 18"	50	
HELI372000A	Heli-Tie, 304SS, 3/8" x 20"	50	

Please Call
for Pricing

Masonry Crack Stitching — 1/4"x 40" Stainless-Steel Helical Tie

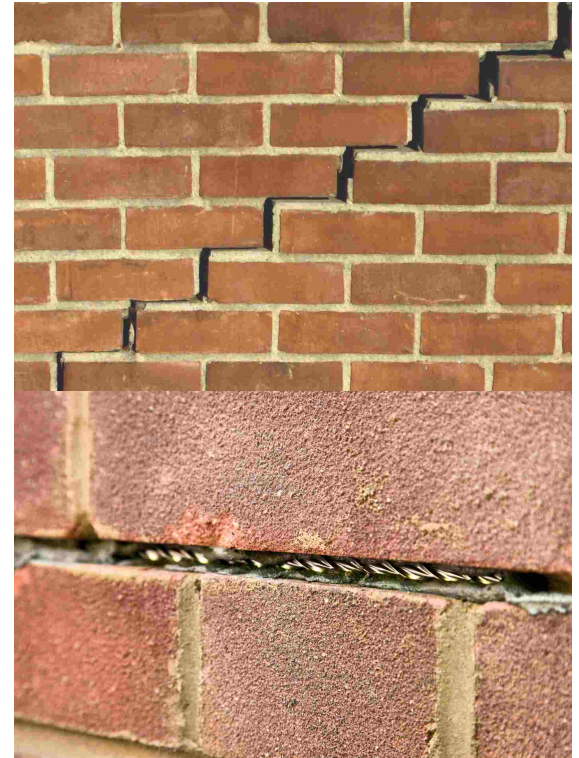
Helical stitching bars, with double the strength of rebar, are used as reinforcement bars to repair and stabilize cracked masonry. The crack stitching method rejoins the fractured segments of the wall and disperses the building load across the structure while providing resilience against further cracking.

The crack stitching method rejoins the fractured segments of the wall and disperses the wall's load across the structure while providing resilience against further cracking. Cracks in building walls just aren't unsightly, they can be warning signs of structural problems. In either case, once the cracks in the facade are stitched, the stress is relieved.

INSTALLATION PROCESS: To reconnect the facade, the wall is strapped or stitched 20" on both sides from the center line of the crack. Horizontal mortar joints are routed out 1 1/2" deep, cleaned out and filled 2/3 deep with FX263 repair mortar - a polymer modified grout that is specifically formulated to bond with the stitching bar. Together, they form a HD seal within the joint that increases both the tensile shear and flexural strength of the damaged brickwork.

The stitching tie is pressed into the mortar, followed by a troweling of FX263 mortar to fill the joint. By virtue of the continuous deep-helix channels, the bar forms a bond within the grout to strap the brickwork on both sides of the crack. The repair is inconspicuous and preserves the appearance of the structure.

Crack Stitching at Corners: The stitching bars may be pre-bent at 90° degrees so that they can be used as concealed straps for stitching cracks on the corners of buildings. A series of helical bars, bent at right angles, are placed into routed horizontal mortar joints and bonded with FX263 repair mortar. The bars form layers of concealed reinforcement, wrapping around the corner to improve buttressing.



ITEM	DESCRIPTION	QTY / UNIT	PRICE
HELIST254000	1/4" x 40" 304SS Stitching Tie	10	Please Call for Pricing
FX263	Repair Mortar	50# Bag	



FX263
Repair Mortar

