

# Tieback System

PRE-CONSTRUCTION PIERS, SINKHOLE REPAIR,  
SOIL & STRUCTURAL STABILIZATION

# Helical Tieback

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Helical tieback anchors have shafts in five square sizes (1-1/4", 1-1/2", 1-3/4", 2" and 2-1/4") with helices in configurations of two to four and diameters from 6" to 14". All components are available hot-dip galvanized per ASTM A 153 after fabrication.

## Extension

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Plain and helical extensions are used to reach competent load-bearing soil. Plain extensions range from 37" to 124" long. Helical extensions range from 48" to 124" long with 14"-diameter helices in single, double and triple configurations. Forged integral coupling sockets bolt-up quickly and efficiently transfer installing torque.

## Lead Sections

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For job-specific combinations, leading sections range from 30" to 124" long in two-, three- or four-helix configurations usually with increasing diameters from the 6", 8", 10", 12" and 14" range.

## Anchor System

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Anchor terminations fit a threadbar or provide a threaded stud to work with pre- or site-fabricated structural wall connection. Other termination fittings also are available. In some cases, the through-hole at the shaft end may be simply cross-pinned.

## Anchor System

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- 1" threadbar adapter for 1-1/2", 1-3/4" and 2" tieback anchor types
- 1-1/4" threadbar adapter for 2" and 2-1/4" tieback anchor types
- 1-3/8" threadbar adapter for 2-1/4" tieback anchor types
- Threaded stud socket adapter
- Threaded stud socket adapter for 1-1/4" and 1-1/2" tieback anchors
- Threaded stud clevis adapter
- Threaded stud clevis adapter for 1-3/4" tieback anchors



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