L.B. Foster Threaded Products provides threaded micropiles in diameters ranging from 2-3/8” to 13-3/8” and in single piece lengths from 5’ to 40’. Our micropile can be cut to very short lengths to accommodate areas with difficult access such as small doors, low ceilings, and confined spaces. L.B. Foster offers a line of accessories that includes subsavers, casings, and starter pieces in configurations that meet customer requested specifications.

Our CNC threading equipment produces repeatable thread patterns of the highest quality and allows standard or client-requested custom thread patterns to be easily accommodated. L.B. Foster also provides specialized cutting bits with multiple steel teeth or a tricone bit welded to a starter pipe. Our in house fabrication team can produce other end preparations such as beveling and square cutting when requested.
Micropiles can prevent or reduce excessive or uneven settling of a structure’s foundation or bridge a gap between the foundation and a layer of stable soil. Constructing a diaphragm of micropiles to reinforce a particular soil area is ideal for preventing damage or loss of slopes and embankments. Micropiles are also often specified to strengthen the soil and foundation of planned highways and bridges.

Micropiles are best employed where access is restricted, such as in buildings with low ceilings or a lack of lateral space. The low noise and vibration levels experienced during installation are a primary advantage of micropiles. This unique feature is important when work is in close proximity to operating businesses or occupied residences. Micropiles are useful in conditions where the soil or low strength foundation permits access to only small, light-weight equipment.

**Structural Support**

- Foundations for New Structures
- Seismic Retrofitting
- Underpinning of Existing Foundations
  - Repair / Replacement
  - Arresting / Preventing Movement
  - Upgrading of Foundation Capacity

**In-situ Reinforcement**

- Embankment, Slope & Landslide Stabilization
- Soil Strengthening
- Settlement Reduction
- Structural Stability

(800) 848-6249  
www.fosterpiling.com
Micropile Capabilities

Subsavers

- Shortest lengths available
- Equipment specific finishes

Casing

- All common material grades including high strength (80 ksi+, e.g. N-80) casing in sizes from 2-3/8” through 14” in lengths from 1’ to 40’

Starters

- J-Teeth
- Tri-cone bits
- Cutting shoes

CNC- End Finish

- Machine square cut
- Beveled
- Tapered / straight threads up to 5-1/4” length
- Buttress
- F480
- 8-Round
- Micropile
- Rope Thread
- Client provided thread patterns

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L.B. Foster Threaded Products certificates:

- ISO 9001:2000
- API Spec Q1
- ISO / TS 29001
- API Spec 5CT
- API Spec 5L