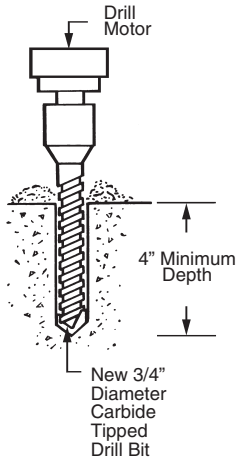
DAYTON SUPERIOR

T-13 COIL-ANCHOR™ 3/4" Diameter x 4-1/2" Long Application Sequence



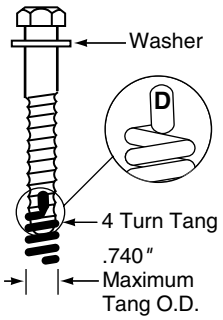
1. Drill a 3/4" diameter hole perpendicular to the floor surface with a new carbide tipped drill. Depth of the hole must be a minimum 4". Holes drilled through slabs that are 5" or greater are acceptable.

- Do not use core bits for T-13 anchor holes.
- Minimum compressive strength of the concrete must be 2,500 psi prior to installation of T-13 anchors.
- Minimum edge distance for the T-13 anchor is 12".

Warning! Do not use T-13 (4-1/2") anchors in slabs less than 5" thick. The insufficient embed depth will not allow required load capacity.

2. Thoroughly clean the drilled hole with compressed air.

T-13 COIL-ANCHOR Bolt
Patent #5,006,023
3/4" Dia. x 4-1/2" Long

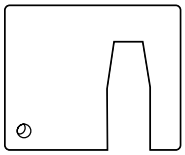


3. Thread the Tang onto the T-13 bolt. Finger tight is sufficient, no more than 1/4 turn.

Caution! Do not attempt to pre-expand the Tang. For proper load capacity, the Tang must not be installed over 1/4 turn on the bolt.

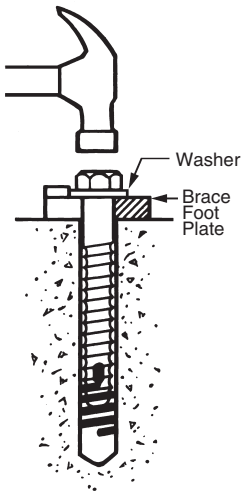
Warning! Do not attempt to use a standard coil bolt with the T-13 Coil-Anchor Tang. The Coil-Anchor Bolt is a tapered bolt and is not interchangeable with standard coil bolts.

T-13-G Thread Gauge



Note: T-13-G Thread Gauges are recommended, to check T-13 bolt thread wear, when reusing T-13 Coil-Anchor Bolts.

4. Insert the T-13 anchor through the foot plate of the wall brace and into the properly drilled hole. Drive the bolt down until the cut washer rests on the foot plate.



5. Tighten the T-13 anchor with a 3/4" impact wrench, then use a torque wrench to insure correct tightness. Refer to the chart for proper torquing values.

Warning! If wind loads over 35 miles per hour are experienced on the job site, all T-13 anchors should be checked with a torque wrench to verify proper torque values are maintained.

6. The tension safe working load (SWL), as well as the maximum brace load per T-13 COIL-ANCHOR is shown below:

Floor Slab Thickness	Maximum Brace Load	SWL Tension Per Anchor	Minimum Torque Per Anchor
5" or Thicker	6,500 lbs.	7,500 lbs.	200 ft. lbs.

Notes: Safe working loads are based on an approximate factor of safety of 2:1. This assumes a minimum slab compressive strength of 2,500 psi and a properly installed T-13 anchor as detailed above.

Warning: When using T-13 Coil-Anchor Bolts, always clean and lubricate the bolt with T-13-L SET-EEZ. Failure to do so will result in bolt wear, lower than expected load capacity and possible premature failure.

T-13-L SET-EEZ™ Dry Film Lubricant

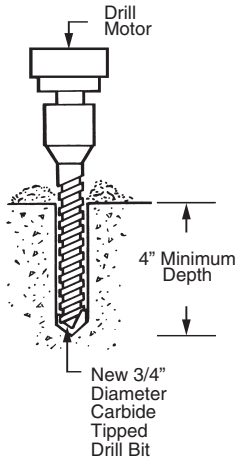
The Dayton Superior T-13-L Set-Eez Dry Film Lubricant is designed to facilitate the reuse of the T-13 Coil-Anchor bolt. The T-13-L lubricant is available in 6 oz. bottles.

To Order:
Specify: (1) quantity, (2) name.

Example:
4 bottles, T-13-L Set-Eez Dry Film Lubricant.

DAYTON SUPERIOR

T-13 COIL-ANCHOR™ 3/4" Diameter x 6" Long Application Sequence



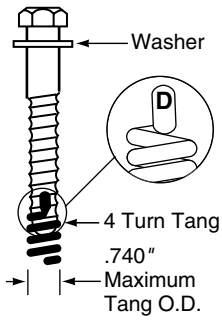
1. Drill a 3/4" diameter hole perpendicular to the floor surface with a new carbide tipped drill. Depth of the hole must be a minimum 5-1/2". Holes drilled through slabs that are 6" or greater are acceptable.

- Do not use core bits for T-13 anchor holes.
- Minimum compressive strength of the concrete must be 2,500 psi prior to installation of T-13 anchors.
- Minimum edge distance for the T-13 anchor is 12".

Warning! Do not use T-13 (6") anchors in slabs less than 6" thick. The insufficient embed depth will not allow required load capacity.

2. Thoroughly clean the drilled hole with compressed air.

T-13 COIL-ANCHOR Bolt
Patent #5,006,023
3/4" Dia. x 4-1/2" Long

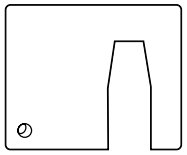


3. Thread the Tang onto the T-13 bolt. Finger tight is sufficient, no more than 1/4 turn.

Caution! Do not attempt to pre-expand the Tang. For proper load capacity, the Tang must not be installed over 1/4 turn on the bolt.

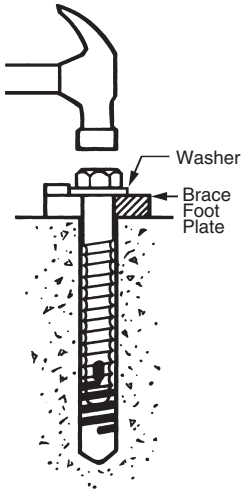
Warning! Do not attempt to use a standard coil bolt with the T-13 Coil-Anchor Tang. The Coil-Anchor Bolt is a tapered bolt and is not interchangeable with standard coil bolts.

T-13-G Thread Gauge



Note: T-13-G Thread Gauges are recommended, to check T-13 bolt thread wear, when reusing T-13 Coil-Anchor Bolts.

4. Insert the T-13 anchor through the foot plate of the wall brace and into the properly drilled hole. Drive the bolt down until the cut washer rests on the foot plate.



5. Tighten the T-13 anchor with a 3/4" impact wrench, then use a torque wrench to insure correct tightness. Refer to the chart for proper torquing values.

Warning! If wind loads over 35 miles per hour are experienced on the job site, all T-13 anchors should be checked with a torque wrench to verify proper torque values are maintained.

6. The tension safe working load (SWL), as well as the maximum brace load per T-13 COIL-ANCHOR is shown below:

Floor Slab Thickness	Maximum Brace Load	SWL Tension Per Anchor	Minimum Torque Per Anchor
6" or Thicker	9,000 lbs.	10,400 lbs.	200 ft. lbs.

Notes: Safe working loads are based on an approximate factor of safety of 2:1. This assumes a minimum slab compressive strength of 2,500 psi and a properly installed T-13 anchor as detailed above.

Warning: When using T-13 Coil-Anchor Bolts, always clean and lubricate the bolt with T-13-L SET-EEZ. Failure to do so will result in bolt wear, lower than expected load capacity and possible premature failure.

T-13-L SET-EEZ™ Dry Film Lubricant

The Dayton Superior T-13-L Set-Eez Dry Film Lubricant is designed to facilitate the reuse of the T-13 Coil-Anchor bolt. The T-13-L lubricant is available in 6 oz. bottles.

To Order:
Specify: (1) quantity, (2) name.

Example:
4 bottles, T-13-L Set-Eez Dry Film Lubricant.

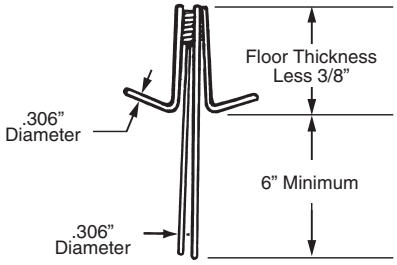
Bracing Information

T-4 Brace Anchor for Fill

The Dayton Superior T-4 Brace Anchor for Fill is a 3/4" diameter insert designed for anchoring wall braces to the floor slab. The angular offset of the legs provides a gauge and stop when the anchor is pushed into the fill. The T-4 anchor is furnished with a T-21 Locator Plug factory installed.

To Order:
Specify: (1) quantity, (2) name, (3) slab thickness.

Example:
120, T-4 Brace Anchors for 6" slab



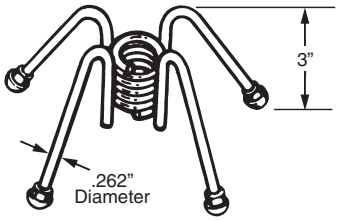
T-4 Brace Anchor for Fill

T-5-A Inverted Wall Brace Anchor

The Dayton Superior T-5-A Inverted Wall Brace Anchor is designed to place the 3/4" diameter anchorage coil at the bottom of the poured panel. The anchorage is then available for fastening the brace to the cast-down face of the panel after it has been lifted and set in place. The T-5-A anchor is furnished with plastic tipped feet and a T-21 Locator Plug. Standard height of the T-5-A anchor is 3", minimum panel thickness is 4".

To Order:
Specify: (1) quantity, (2) name.

Example:
200, T-5-A Inverted Brace Anchors.



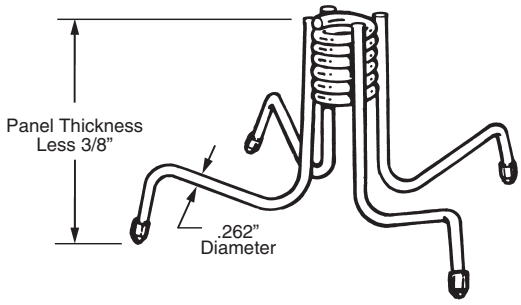
T-5-A Inverted Wall Brace Anchor

T-6-A Brace Anchor

The Dayton Superior T-6-A Brace Anchor is a 3/4" diameter coil insert designed to be easily positioned and tied into the rebar mat of a tilt-up panel. The T-6-A anchor is available with plastic dipped, plastic tipped or stainless steel feet and with a T-21 or T-22 locator plug factory installed.

To Order:
Specify: (1) quantity, (2) name, (3) type of corrosion protection, (4) type of locator plug, (5) slab thickness.

Example:
200, T-6-A Brace Anchors with plastic tipped feet and T-21 locator plugs for 6" slab thickness.

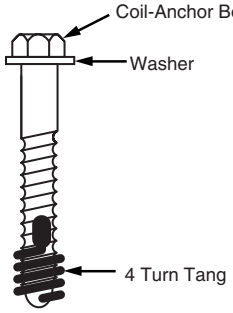


T-6-A Brace Anchor

T-13 Coil-Anchor*

The Dayton Superior T-13 Coil-Anchor is a drill-in expansion anchor designed for use in the floor slabs of tilt-up buildings to attach and anchor wall braces. Each T-13 plug includes the bolt, one cut washer and one tang. Available in 3/4" diameter x 4-1/2" or 6" lengths as specified.

*U.S. Patent No. 5,006,023



T-13 Coil Anchor

To Order:
Specify: (1) quantity, (2) name, (3) length.

Example:
200, T-13 Coil-Anchors x 4-1/2" long.

Available exclusively through Certified Dayton Tilt-Up 3 Dealers.