



DRIVING CONCRETE CONNECTIONS

CONCRETE ANCHORS

BLUE CLIMASEAL® TAPCON®



Product Features & Benefits

- Patented Advance Threadform provides superior pull-out performance
- Application of Climaseal® coating adds extra corrosion protection
- 30% less installation torque; 20% more holding power
- Reversible and removable, can be installed close to concrete edge
- Building code approved

Common Applications

- Downspout straps
- Hurricane preparation
- Electrical equipment
- HVAC strapping
- Furring strips
- 2 x 4's
- Flag holders
- Window/Door frames & bucks

410 STAINLESS STEEL TAPCON®



Product Features & Benefits

- 410 Series Stainless for superior corrosion protection
- Cuts threads into concrete, brick and hollow block
- Reversible and removable, can be installed close to concrete edge
- Fast installation... drill a hole...drive an anchor

Common Applications

- Marine
- Screened porch and pool enclosures
- Railings-safety and decorative

MAXI-SET TAPCON®



AVAILABLE IN SILVER
OR WHITE FINISH



Product Features & Benefits

- Patented Advance Threadform provides superior pull-out performance
- Large 5/8" diameter flange provides more bearing surface than regular Tapcon
- UltraShield™ long-life finish delivers excellent corrosion protection
- Reversible and removable, can be installed close to concrete edge
- Building code approved.

Common Applications

- Shutters-protective and decorative
- Screened porch and pool enclosures

WHITE TAPCON®



Product Features & Benefits

- Patented Advance Threadform provides superior pull-out performance
- White UltraShield long-life finish delivers excellent corrosion protection
- Recommended for use in ACQ pressure-treated lumber
- Reversible and removable, can be installed close to concrete edge
- Building code approved

Common Applications

- Window frames
- Shutters-protective and decorative

FOR FASTENING IN:



APPROVED FOR TREATED LUMBER

ADVANCED THREADFORM TECHNOLOGY:



30% less installation torque • 20% more holding power

PERFORMANCE VALUES:

Anchor Diameter	Ultimate Pull-Out in Concrete (4,000 PSI)*			
	Depth of Embedment in Solid Material			
	1"	1-1/4"	1-1/2"	1-3/4"
3/16"	650 lbs.	870 lbs.	1,090 lbs.	1,460 lbs.
1/4"	800 lbs.	1,340 lbs.	1,820 lbs.	2,380 lbs.

Anchor Diameter	Ultimate Shear in Concrete (4,000 PSI)*			
	Depth of Embedment in Solid Material			
	1"	1-1/4"	1-1/2"	1-3/4"
3/16"	720 lbs.	800 lbs.	860 lbs.	990 lbs.
1/4"	1,360 lbs.	1,370 lbs.	1,380 lbs.	1,670 lbs.

Ultimate Pullout/Shear in Hollow Block*			
Anchor Diameter	Anchor Embedment	Ultimate Pullout	Ultimate Shear
3/16"	1"	340 lbs.	730 lbs.
1/4"	1"	500 lbs.	1,000 lbs.

*A safety factor of 4:1 or 25% of ultimate pullout/shear value is generally accepted as a safe working load.

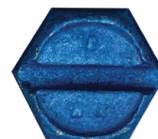
HOW TO CHOOSE A TAPCON:

1

Choose a head type:



Star Head



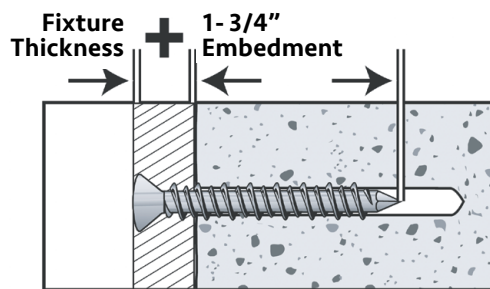
Hex Head



Maxi-Set

2

Choose a Length:



3

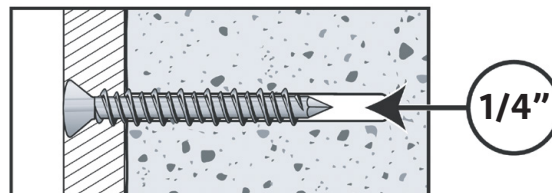
Choose a Diameter:

HEAVY DUTY
1/4" DIA.

LIGHT DUTY
3/16" DIA.

4

Choose a drill bit long enough to allow the hole to be drilled at least 1/4 in. longer than anchor embedment:



TAPCON INSTALLATION ACCESSORIES

Tapcon concrete anchors are designed to work as a part of a system. The system includes the Condrive® Installation Tool, the carbide tipped Tapcon® Drill Bit, and the Tapcon® anchor. For consistent performance, it is recommended to use the entire system.

TAPCON DRILL BITS



- Ensure the precise drilling of pilot holes when installing Tapcon anchors
- Masonry drill bits with a carbide tip
- Tapcon drill bits are sold separately and are also included in the large packages of anchors (at select stores only)

- Colorstripe on drill bit package corresponds to Tapcon Packaging.

- For installing 1/4" Tapcon fasteners, use a 3/16" Tapcon drill bit (Green Stripe)
- For installing 3/16" Tapcon fasteners, use a 5/32" Tapcon drill bit (Red Stripe)

3/16" DRILL BIT
FOR
1/4" TAPCONS

5/32" DRILL BIT
FOR
3/16" TAPCONS

Pick the correct drill bit diameter by matching the color stripes on the packaging.

Fixture Thickness	Recommended Anchor Length	Drill Bit Length
0 to 1/4"	1-1/4"	3-1/2"
1/4" to 3/4"	1-3/4"	3-1/2"
3/4" to 1-1/4"	2-1/4"	4-1/2"
1-1/4" to 3-1/4"	2-3/4"	4-1/2"
1-3/4" to 2-1/4"	3-1/4"	5-1/2"
2-1/4" to 2-3/4"	3-3/4"	5-1/2"
2-1/2" to 3"	4"	5-1/2"

PRO INSTALLATION KIT

- Makes installation of Tapcon® Concrete Anchors easy, fast, and accurate
- Designed for use with a hammer drill and Tapcon drill bits
- Eliminates the need for two drills or extra nut drivers
- Installs both head styles and all lengths of Tapcons
- Tool drives 3/16" and 1/4" diameter Tapcons



HOW TO USE

- Place correct Tapcon drill bit in drill adapter and tighten set screw with hex key (included). For rotary hammer begin at Step 3.
- Secure drill adapter into 3/8" - 1/2" chuck of hammer drill or into 1/4" impact hammer.
- Attach appropriate hex driver or star driver to end of sleeve.

DRILL

- Drill hole 1/4" deeper than depth of anchor embedment. (Min. embedment 1"). Remove dust from hole.

SLIDE

- Slide sleeve over drill bit and snap into drill adapter.

DRIVE

- Insert anchor into the end of the sleeve, position fixture to be fastened and drive the Tapcon.