The Original Masonry Fastening System

The original masonry anchor that cuts threads into concrete, brick or hollow block.

Applications
- Electrical junction boxes and conduit clips to masonry.
- Wood headers and furring strips to masonry.
- HVAC strapping to masonry.
- Plywood backer boards to masonry.
- Exterior insulation systems to masonry.

Product Features
- Fast installation ... drill a hole ... drive an anchor.
- Packaged with one Tapcon “close tolerance” masonry drill bit per 100 anchors. Also available in bulk packaging.
- Available in 3/16” diameter up to 4” in length and 1/4” diameter up to 6” in length.
- Compatible for use in ACQ treated wood.
- Replaces small diameter expansion anchors, plugs and screws in light to medium duty applications.
- No need to pre-spot holes ... and no inserts are required.
- Reversible and removable ... can be installed close to an edge.

Installation Tools
- Condive 500° - Compact high speed installation tool designed for installation of Tapcon hex head and Phillips flat head anchors up to 3-3/4” long.
- Condive 1000° - A multi-purpose tool designed for installation of Tapcon hex head and Phillips flat head anchors up to 3-3/4” long.
- Buildex Condive Tools are designed to specifically install Tapcon Anchors and to fit standard hammer drills.

Approvals and Listings
- Miami Dade County Product Control Approved
- ICC-ES ESR-1671
- City of Los Angeles RR25644

Product Specifications
- Diameter: 3/16” and 1/4”
- Thread Form: Original notched Hi-Lo®
- Point Type: Nail
- Finish: Blue Climaseal®

Head Styles
- 3/16” Diameter: 1/4” slotted hex washer head (HWH)
- 3/16” Diameter: #2 phillips flat head (PFH)
- 1/4” Diameter: 5/16” slotted hex washer head (HWH)
- 1/4” Diameter: #3 phillips flat head (PFH)
Installation Guidelines:

**STEP 1:** Insert anchor in socket, position fixture to be fastened, begin to drive Tapcon into pre-drilled hole. Phillips Heads may be installed using either side of sleeve. To install a 1/4 diameter Hex Washer Head Tapcon, use small opening side of sleeve (see sleeve label). Slide opposite side of sleeve over drill bit and snap onto drill bit adapter. NOTE: If driving Hex Washer Head Tapcon, driver will automatically disengage. If driving Phillips Head Tapcon, care must be taken to ensure anchor is not overdriven.

**STEP 2:** Phillips Heads may be installed using either side of sleeve. To install a 1/4 diameter Hex Washer Head Tapcon, use large opening side of sleeve (see sleeve label). To install a 3/16 diameter Hex Washer Head Tapcon, use small opening side of sleeve (see sleeve label). Slide opposite side of sleeve over drill bit and snap onto drill bit adapter. NOTE: If driving Hex Washer Head Tapcon, driver will automatically disengage. If driving Phillips Head Tapcon, care must be taken to ensure anchor is not overdriven.

**STEP 3:** Loosen set screw on side of drill adapter with 1/8'' Hex Key. Do not remove completely. Replace old drill bit with new one. Align flat side with set screw and tighten screw. Do not overtighten.

**CONDRIVE 1000 GUIDELINES:**

**STEP 1:** Place correct drill bit into driver adapter and drill hole 1/4'' deeper than depth of embedment.

**STEP 2:** Slide Condrive Installation Tool sleeve over drill bit. Snap hex head or Phillips Socket in place.

**STEP 3:** Insert anchor in socket, position fixture to be fastened, begin to drive Tapcon into pre-drilled hole.

**STEP 4:** The anchor is fully set when the nosepiece of the Condrive Tool automatically disengages from the socket and fixture is secured in place.

Note: Indicated tension and shear failure values were obtained in tests conducted at CEL Consulting. Designated holding power depends on the quality of the masonry material, depth of embedment and proper hole size. These figures are offered only as a guide and are not guaranteed in any way by Illinois Tool Works Inc. The figures indicate average ultimate tension and shear power depends on the quality of the masonry material, depth of embedment and proper hole size. These figures are offered only as a guide and are not guaranteed in any way by Illinois Tool Works Inc. The figures indicate average ultimate tension and shear failure values. A safety factor of 4:1 or 25% of ultimate value is generally accepted as a safe working load. However, reference should always be made to applicable codes for the specific safe working ratio. All values are based on close tolerance holes drilled with Buildex Tapcon® carbide drill bits. Performance of the Tapcon anchor may vary in extremely hard masonry. Insulation to 2 pieces of 2 x 4 or 2 x 6 to masonry. Insulation to masonry. For minimum edge distance and spacing distance, please refer to the ICC-ES report or Miami-Dade report for this product. Lightweight and medium-weight Concrete Masonry Units (CMU) were defined by ASTM C 90.