



TW Buildex

BUILDING IDEAS THAT WORK®

Tapcon® XL

Extra Large Tapcon For Extra Large Challenges!

High performance large diameter masonry anchor provides twice the strength of standard Tapcon and the premium corrosion protection of Ultra Shield™



Applications

- Shutters - protective and decorative.
- Screened Porch and Pool Enclosures
- Railings
- Mounted Electrical Equipment
- Wood Nailers
- Sill Plates



Product Features

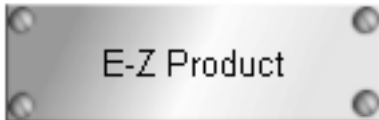
- Large 5/16" diameter provides maximum spacing and decreased labor costs.
- Internal Torx® T-40 drive assures easy installation.
- High button head resists cam-out during installation.
- Reversed Hi-Lo® thread design provides maximum pullout values.
- Premium corrosion protection of new Ultra Shield™ and White Ultra Shield™ to combat aggressive environments.
- Available in silver, all white or white with head paint to complement standard fixtures.



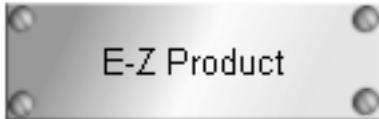
Condrive 500



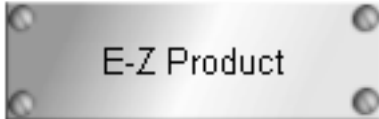
Dec-King



E-Z Product



E-Z Product



E-Z Product



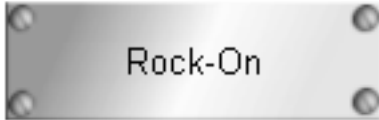
SCOTS Tapcon



410 Tapcon



Maxi-Set



Rock-On



Tapcon



Tapcon



- Delivers twice the holding power of standard Tapcon in concrete and hollow block.
- Replaces costly sleeve anchors.
- 1/4" SDS Tapcon drill bit for added convenience.
- Condrive® XL with Mega Grip™ bit holder for rapid one-tool installation.
- 100 count packaging for jobsite convenience.

More on [Tapcon](#)



Corrosion Resistance

Salt Spray Results (ASTM B117)

- Ultra Shield: 1120 hours - 10% or less red rust
- White Ultra Shield: 1500 hours - 10% or less red rust



Installation Instructions

- Step 1: Place 1/4 x 6-3/4" SDS Tapcon drill bit in chuck of hammer drill. Drill hole a minimum of 1/4" deeper than Tapcon XL anchor is to be embedded. Remove excess debris from predrilled holes.
- Step 2: Insert the adjustable Mega Grip bit tip holder in the small opening of sleeve. Slide the open end of the Condrive XL Installation Tool sleeve over the drill bit and snap in place
- Step 3: Drive anchor to secure



Performance Values

PULLOUT IN CONCRETE (3362 PSI, cured 40 days)

	Depth of Embedment in Solid Material (inches)	
	1-3/4"	2-1/4"
Average Center	3077	4550
2" Edge Distance	2942	N/A
3" Edge Distance	3254	N/A

SHEAR STRENGTH (3362 PSI, cured 40 days)

	Depth of Embedment in Solid Material (inches)	
	1-3/4"	2-1/4"
Average Center	3603	N/A
2" Edge Distance	2405	N/A
3" Edge Distance	3155	N/A

Note: Indicated pull-out and shear failure values were obtained in tests witnessed by Pittsburgh Testing Laboratory personnel. 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 pull-out and shear failure values. A safety factor of 4:1 or 25% of ultimate pull-out 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 SDS Tapcon drill bits. Performance of the Tapcon anchor may vary in extremely hard concrete aggregates. Consult your Buildex representative for further information.

As in the case with all applications, Buildex can only suggest typical fasteners for typical application and that the connection design is the sole responsibility of the Building Design Engineer, Architect or otherwise responsible person charged with the design of the connection. For further product information, please contact the nearest Authorized Buildex Distributor or the Buildex Technical Service Department at 1-800-323-0720



Selector Guide

Part Number	Anchor Description and Finish	Inner/Master Qty
3395902	5/16 x 2-1/4" Tapcon XL w/ Ultra Shield	100/800
3396902	5/16 x 2-3/4" Tapcon XL w/ Ultra Shield	100/800
3397902	5/16 x 2-1/4" Tapcon XL w/ White Ultra Shield	100/800
3398902	5/16 x 2-3/4" Tapcon XL w/ White Ultra Shield	100/800
3394910	1/4 x 6-3/4" SDS Tapcon Drill Bit with Hex Drive	1

3401910	Condrive XL Tool w/Mega Grip	1/10
3399910	Condrive XL Sleeve	1
3400910	Mega Grip with Torx® T-40 Bit Tip	1/10

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