

SCOTS TAPCON®

Premium concrete anchor that combines the corrosion protection of stainless steel with the holding power of our regular carbon steel Tapcon.



Applications

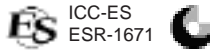
- Shutters - Protective and Decorative
- Screened - Porch and Pool Enclosures
- Aluminum Fixtures
- Railings
- Metal Roofing
- Flexible Flashings

Product Features

- 300 Series Stainless Steel Head.
- Pullout strength of carbon steel.
- Integral washer design provides more bearing surface.
- Rubber EPDM sealing washer "locks-out" moisture from building interior.
- Head paint available in white or bronze (extra charge).
- Provides the same strong holding power as regular and Maxi-Set Tapcon.
- Reduces job call-backs to replace "weathered" fasteners.

Approvals and Listings

Miami Dade County
Product Control Approved

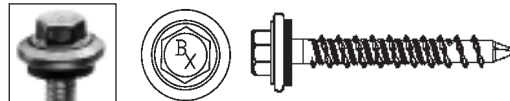


City of Los Angeles
RR25644

Product Specifications

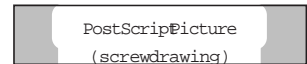
- Diameter 1/4"
- Thread Form Advanced Threadform Technology®
- Point Type Nail
- Finish Silver Climaseal®
- Head Style 5/16" HWH (300 Series Stainless)

Head Styles



Installation Socket

DrivTru™ 5/16" HWH Socket System.
Part Number 1513910.
For specifications, see Product Report Number 01213.



Selector Guide



Anchor Description	Anchor Part Number	Box/Ctn Qty/Qty	Drill Bit*	Drill Bit Part Number	Anchor Finish	Head Paint
1/4 x 1-3/4"	3358407	100 / 1,000	3/16" x 3-1/2"	3098910	Silver Climaseal® Long-Life	White or Bronze
1/4 x 2-1/4"	3359407	100 / 1,000	3/16" x 4-1/2"	3099910	Coating	Call For Quote

Optional Items: Original Tapcon Carbide Drill Bits, Condrive Tools and Installation Sockets.

Carbide Drill Bits (Straight Shank)	Bit Standard Part No.	Tube Qty.
3/16 x 5-1/2"	3100910	10 pcs.
3/16 x 6-1/2"	3102910	10 pcs.
3/16 x 7-1/2"	3206910	10 pcs.

Item	Part No.	Qty/Box
Condrive 500®	3379910	10
Condrive 1000®	3103910	5

NOTE: Must use a DrivTru™ Socket (Part No. 1513910) when using a Condrive Tool.

Carbide Drill Bits (SDS Shank)	Bit Part No.	Standard Tube Qty.
3/16 x 7"	3101910	1 piece

Performance Data

Tension in Normal-weight Concrete (lbs.)				
Anchor Diameter	Embedment Depth	Concrete Strength		
		2000 psi	4000 psi	5000 psi
1/4"	1"	750	800	950
	1-1/2"	1380	1820	2170
	1-3/4"	2020	2380	2770
Shear in Normal-weight Concrete (lbs.)				
Anchor Diameter	Embedment Depth	Concrete Strength		
		2000 psi	4000 psi	5000 psi
1/4"	1"	900	1360	1440
	1-1/2"	1200	1380	1670
	1-3/4"	1670	1670	1670
Tension and Shear in CMU (1" Embedment)				
Anchor Diameter	Tension (lbs.)		Shear (lbs.)	
	Light Weight	Medium Weight	Light Weight	Medium Weight
1/4"	250	500	620	1000

For minimum edge distance and spacing distance, please refer ICC-ES report or Miami-Dade report for this product. Lightweight and medium-weight Concrete Masonry Units (CMU) were defined by ASTM C 90.

Note: Indicated tension and shear 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 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 Tapcon® carbide 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 applications 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.

