

# Titen Turbo™

## Concrete and Masonry Screw

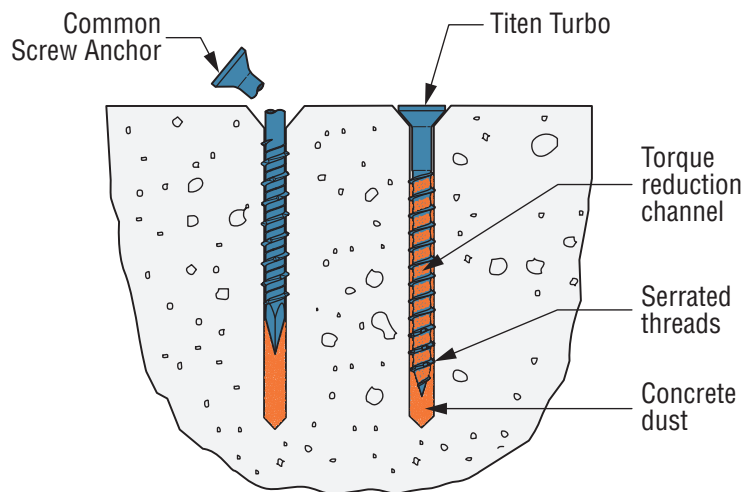


Easy, Fast and Reliable — You've Got to Drive It to believe it!

Reliable installation. Less torque. Superior holding power. Meet the Titen Turbo™, the next-generation concrete and masonry screw anchor from Simpson Strong-Tie.

Its revolutionary, patented, Torque Reduction Channel traps dust where it can't obstruct the thread action, drastically reducing binding, stripping or snapping.

Titen Turbo delivers what pros want — consistently trouble-free installation, and fastening strength they can depend on.



### Features and Benefits

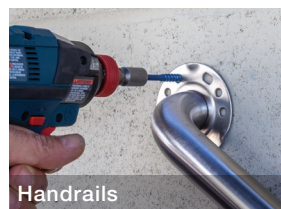
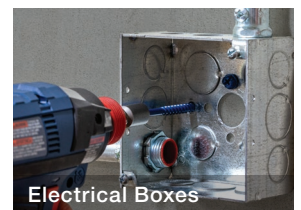
- Patented Torque Reduction Channel that traps dust where it can't obstruct the thread action, reducing the likelihood of binding in the hole
- Serrated screw point for easier starts when fastening timber, and timber to timber applications.
- Designed for installation with a cordless drill or impact driver
- Flat head version with 6-lobe drive for better bit life and performance

### Base Material

- Concrete and Masonry

### Material | Finish

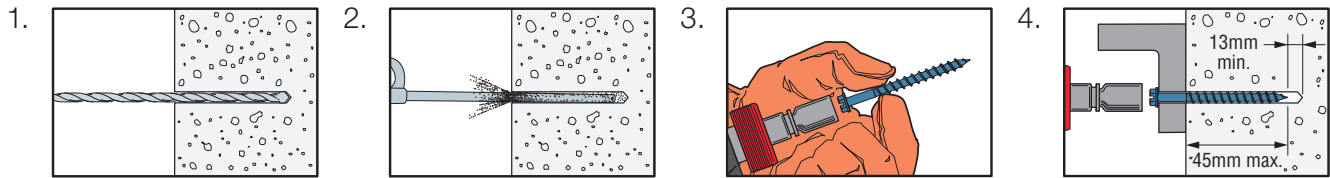
- Carbon steel | Zinc plated with baked ceramic coating (Use in dry interior environments only)



# Titen Turbo™ Concrete and Masonry Screw

**SIMPSON**  
**Strong-Tie**

## Typical Installation



## Titen Turbo™

- Drill bit diameter: 3/16"
- Screw diameter: 1/4" (6.35mm)

## Hex-Head (H) version

- 5/16" hex socket (not supplied)

## Flat Head (TF) version

- 6-lobe drive (driver bit supplied)

- Serrated screw point
- Patented Torque Reduction Channel



## Typical Installation (cont.)

1. Drill a hole in the base material using a 3/16" diameter carbide drill bit. Drill the hole to the specified embedment depth plus 13 mm to allow the thread tapping dust to settle.
2. Blow it clean using compressed air. Overhead installations need not be blown clean. Alternatively, drill the hole deep enough to accommodate embedment depth and dust from drilling and tapping.
3. Use recommended driver bit size & be careful not to overtighten the screw.
4. Position fixture, insert screw and tighten using drill and installation tool fitted with corresponding 5/16" hex socket or 6-lobe bit.

Length (mm)	Model No.	Barcode	Box Qty	Ctn Qty	Dims.	Box (WxLxH)	
						Ctn (WxLxH)	
32	TNT25114H	707392005117	100	1600		90 x 52 x 90 mm	0.60 kg
						195 x 225 x 200 mm	9.30 kg
45	TNT25134H	707392005131	100	500		90 x 155 x 47 mm	0.77 kg
						170 x 250 x 105 mm	3.85 kg
57	TNT25214H	707392005155	100	500		90 x 160 x 90 mm	0.99 kg
						170 x 480 x 105 mm	4.95 kg
70	TNT25234H	707392005179	100	500		90 x 160 x 90 mm	1.13 kg
						170 x 480 x 105 mm	5.65 kg
83	TNT25314H	707392005193	100	400		90 x 195 x 90 mm	1.33 kg
						210 x 385 x 105 mm	5.30 kg
95	TNT25334H	707392005216	100	400		90 x 195 x 90 mm	1.45 kg
						210 x 385 x 105 mm	5.90 kg
102	TNT25400H	707392005230	100	400		90 x 195 x 90 mm	1.55 kg
						210 x 385 x 105 mm	6.25 kg
45	TNT25134TF	707392005148	100	500		90 x 155 x 47 mm	0.75 kg
						170 x 250 x 105 mm	3.80 kg
57	TNT25214TF	707392005162	100	500		90 x 160 x 90 mm	0.95 kg
						170 x 480 x 105 mm	4.95 kg
70	TNT25234TF	707392005186	100	500		90 x 160 x 90 mm	1.15 kg
						170 x 480 x 105 mm	5.85 kg
83	TNT25314TF	707392005209	100	400		90 x 195 x 90 mm	1.35 kg
						210 x 385 x 105 mm	5.40 kg
95	TNT25334TF	707392005223	100	400		90 x 195 x 90 mm	1.60 kg
						210 x 385 x 105 mm	6.40 kg
102	TNT25400TF	707392005247	100	400		90 x 195 x 90 mm	1.65 kg
						210 x 385 x 105 mm	6.65 kg

## Titen Turbo™ Drill Bit — Required for correct installation

- 3/16" x 5 1/2" (140mm) — 100 mm drilling depth



Model No.	Barcode	Pack Qty	Ctn Qty	Dims.	Pack (WxLxH)	
					Ctn (WxLxH)	
MDB18512C1	707392797951	1	10		63 x 180 x 7 mm	23 g
					100 x 230 x 80 mm	0.31 kg

Visit our website for technical data

**CAUTION:** Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Steps must be taken to prevent inadvertent sustained loads above the listed allowable loads. Overtightening and bending moments can initiate cracks detrimental to the hardened screw's performance. Use recommended driver bit size & be careful not to overtighten.

Oversized holes in the base material will reduce or eliminate the mechanical interlock of the threads with the base material and will reduce the anchor's load capacity.

Preservative-treated timber applications: suitable for use in non-ammonia formulations of CCA, ACQ-C, ACQ-D, CA-B, BX/DOT and zinc borate. Use in dry, interior environments only.

Use caution not to damage coating during installation. Recommendations are based on testing and experience at time of publication and may change. Simpson Strong-Tie cannot provide estimates on service life of screws.