

TITEN Turbo™ TNTSS 316 Stainless Steel CONCRETE Screw Anchor

SIMPSON
Strong-Tie



Type 316 stainless-steel Titen Turbo medium-duty anchor for concrete and masonry applications.

The Type 316 stainless-steel Titen Turbo is a medium-duty anchor for concrete and masonry applications. This model provides all the benefits of our standard Titen Turbo anchor, but with the added corrosion resistance of Type 316 stainless steel.

Features and Benefits

- Type 316 stainless-steel body for long-lasting corrosion resistance in severe environments.
- Hardened alloy steel tip with serrations to cut through concrete.
- Engineered TruShield™ coating provides additional protection against dissimilar metals.
- Available with either a hex head or, for a flush profile, a 6-lobe-drive trim head.
- Superior tension load performance.

Applications

- Window and door frames
- Coastal environments
- Light fixtures
- Clean rooms
- Food and drink processing facilities
- Agricultural facilities

Material & Finish

- 316 Stainless Steel, Carbon Steel Tip, TruShield™ coating

Corrosion Resistance Level
SEVERE

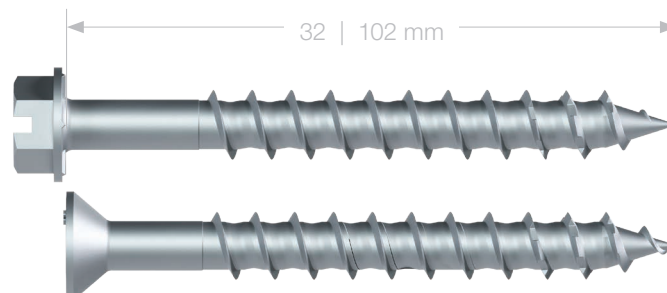
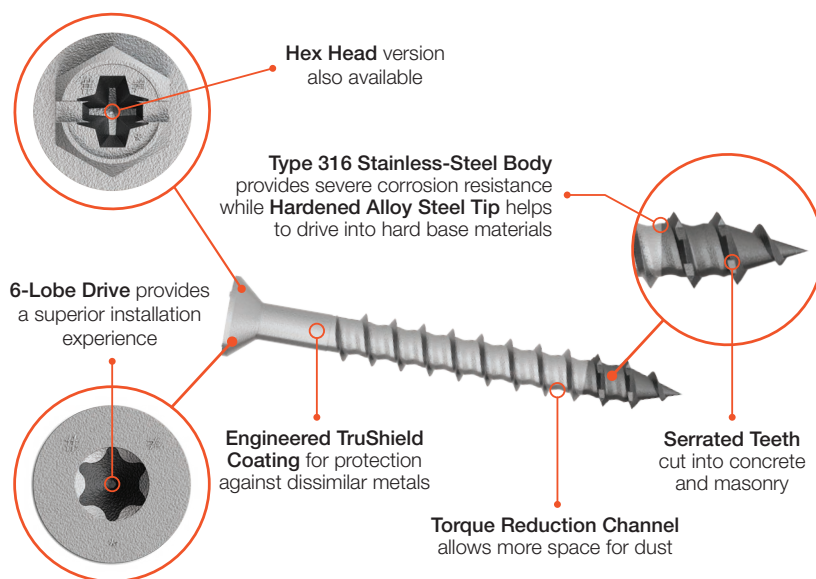
SCAN FOR MORE INFORMATION



Australia



New Zealand



Simpson Strong-Tie® Australia
Call **1300 STRONGTIE** (1300 787 664)
www.strongtie.com.au

Simpson Strong-Tie® New Zealand
Call **09 477 4440**
www.strongtie.co.nz

Simpson Strong-Tie Limited Warranty: For the Limited Warranty that applies to Simpson Strong-Tie products, please consult www.strongtie.com.au/warranty or www.strongtie.co.nz/warranty. To obtain a copy of the Limited Warranty, contact us at info.au@strongtie.com or info.nz@strongtie.com, or at the number provided here. The Limited Warranty contains important disclaimers, limitations and exclusions, and applies only if the products have been properly specified, installed, maintained, and used in accordance with the design limits and the structural, technical, and environmental specifications in the Simpson Strong-Tie Documentation. All future purchases of Simpson Strong-Tie products are subject to the terms of the Limited Warranty in effect as of the purchase date.

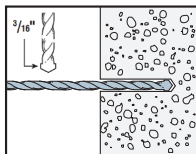
© 2026 Simpson Strong-Tie Company Inc. **F-A-TNTSS-AUNZ26 09/26**

TITEN Turbo™ TNTSS 316 Stainless Steel CONCRETE Screw Anchor

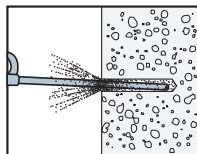


Typical Installation

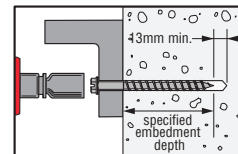
Step 1: Drill a hole in the base material using the a 3/16 inch carbide drill bit as specified in the table. Drill the hole to the specified embedment depth plus 13mm.



Step 2: While not required, dust may be cleaned from a drilled hole using compressed air prior to screw installation for best results.



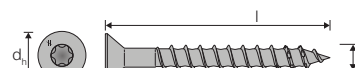
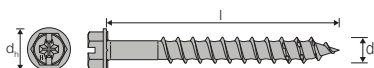
Step 3: Position fixture, insert screw and tighten using an impact driver or cordless drill and Titen screw installation tool fitted with a hex socket or T25 6-Lobe bit.



Product Information

Dia. (d) mm	Length (l)	Head Style/ Dia. (dh)	Model No.	Drill Bit Dia.	Barcode Box/Carton	Barcode Carton	Box Qty	Ctn Qty	Box/Ctn Dimension mm (WxLxH)	Box/Ctn Weight
6.5	32mm	5/16" Hex/ 10.5mm	TNTSS625114H	3/16 Inch	707392031703	10707392031700	50	16	90 x 90 x 50, 200 x 200 x 220	0.30kg, 5.0kg
	45mm		TNTSS625134H		707392031710	10707392031717	50	5	160 x 90 x 50, 250 x 170 x 110	0.35kg, 2.2kg
	57mm		TNTSS625214H		707392031727	10707392031724	50	5	160 x 90 x 50, 250 x 170 x 110	0.50kg, 2.5kg
	70mm		TNTSS625234H		707392031734	10707392031731	50	4	195 x 90 x 45, 210 x 210 x 110	0.55kg, 2.4kg
	83mm		TNTSS625314H		707392031741	10707392031748	50	4	195 x 90 x 45, 210 x 210 x 110	0.65kg, 2.8kg
	95mm		TNTSS625334H		707392031758	10707392031755	50	4	195 x 45 x 90, 210 x 210 x 110	0.70kg, 3.1kg
	102mm		TNTSS625400H		707392031765	10707392031762	50	4	195 x 45 x 90, 210 x 210 x 110	0.80kg, 3.3kg
6.5	32mm	T25 6-Lobe Flat/ 10.0mm	TNTSS625114TTR	3/16 Inch	707392031772	10707392031779	50	16	90 x 90 x 50, 200 x 220 x 200	0.25kg, 4.3kg
	45mm		TNTSS625134TTR		707392031789	10707392031786	50	5	160 x 90 x 45, 250 x 170 x 110	0.30kg, 1.9kg
	57mm		TNTSS625214TTR		707392031796	10707392031793	50	5	160 x 90 x 45, 245 x 170 x 110	0.40kg, 2.3kg
	70mm		TNTSS625234TTR		707392031802	10707392031809	50	4	195 x 90 x 45, 210 x 210 x 110	0.50kg, 2.7kg
	83mm		TNTSS625314TTR		707392031819	10707392031816	50	4	195 x 90 x 45, 200 x 210 x 100	0.60kg, 2.7kg
	95mm		TNTSS625334TTR		707392031826	10707392031823	50	4	195 x 90 x 45, 210 x 210 x 110	0.65kg, 3.0kg
	102mm		TNTSS625400TTR		707392031833	10707392031830	50	4	190 x 90 x 40, 200 x 200 x 110	0.75kg, 3.1kg

Dimensions



Packaging



5/16" Hex Head

T25 Driver Bit
included in each box



T25 6-Lobe Flat Countersunk Head

Accessories (Sold Separately)

Titen Turbo Installation Tool		
Model No.	Contents	Barcode
TNTINSTALLKIT	6-lobe bit socket, T25 and T30 bits, 1/4-in. and 3/16-in. hex sockets, Canvas storage bag	707392011453



Titen® Concrete and Masonry Screw Drill Bit — Required for correct installation of Titen Turbo™		
Model No.	Description	Barcode
MDB18512C1	3/16" x 5 1/2" (140mm), 100mm drilling depth. Concrete and Masonry Drill Bit (Carded Single)	707392797951
MDPL01806	3/16" x 6 1/4" (159mm), 100mm drilling depth. SDS-plus® Shank, 2-Cutter Head, Masonry Drill Bit	707392514800
MDPL01808	3/16" x 8 1/4" (210mm), 150mm drilling depth. SDS-plus® Shank, 2-Cutter Head, Masonry Drill Bit	707392104407



Simpson Strong-Tie® Australia
Call **1300 STRONGTIE** (1300 787 664)
www.strongtie.com.au

Simpson Strong-Tie® New Zealand
Call **09 477 4440**
www.strongtie.co.nz

Simpson Strong-Tie Limited Warranty: For the Limited Warranty that applies to Simpson Strong-Tie products, please consult www.strongtie.com.au/warranty or www.strongtie.co.nz/warranty. To obtain a copy of the Limited Warranty, contact us at info.au@strongtie.com or info.nz@strongtie.com, or at the number provided here. The Limited Warranty contains important disclaimers, limitations and exclusions, and applies only if the products have been properly specified, installed, maintained, and used in accordance with the design limits and the structural, technical, and environmental specifications in the Simpson Strong-Tie Documentation. All future purchases of Simpson Strong-Tie products are subject to the terms of the Limited Warranty in effect as of the purchase date.

© 2026 Simpson Strong-Tie Company Inc. F-A-TNTSS-AUNZ26 09/26