

Titen HD®

Heavy-Duty Screw Anchor with Washer Head

SIMPSON
Strong-Tie



TITEN

SCREW ANCHORS

Titen HD Washer Head eliminates common interference issues.

The Titen HD Washer Head is a high-strength screw anchor for use in cracked and uncracked concrete, as well as masonry.

The washer-head design is commonly used where a minimal head profile is necessary. The 12mm x 150mm is suitable for use in sill/bottom plate applications, and the washer head's low installed profile means modular wall and floor systems can be installed on top with no need for notching the wall framing to accommodate the anchor.

Features and Benefits

- Available in M12 diameter
- Designed for 12mm hole size to match the anchor size
- No special drill bit required — designed to install using 12mm masonry drill bit
- The anchor's 6-lobe drive eases driving and is less prone to stripping. For added convenience, a 1/2" socket adapter and two T-50 drive bits included in each box
- Removable — ideal for temporary anchoring or applications where fixtures may need to be moved
- Washer head allows screw anchor applications incompatible with a hex head

Material:

- Carbon steel

Coating:

- Mechanical Galvanised

Conical point and serrated threads help tap a thread



Under head ribs help countersink into timber



Large 35mm washer head is stamped for post installation identification



Large T-50 drive for ease of installation



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

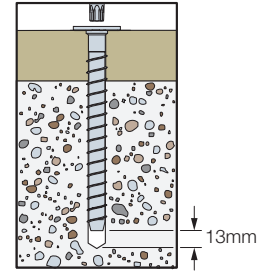
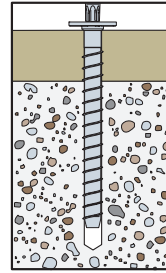
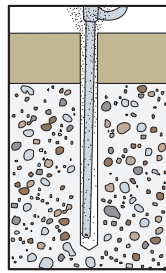
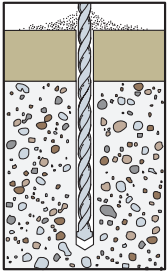
Simpson Strong-Tie Limited Warranty: For the Limited Warranty that applies to Simpson Strong-Tie products, please consult www.strongtie.co.nz/warranty. To obtain a copy of the Limited Warranty, contact us at info.nz@strongtie.com, or at the number provided here. The Limited Warranty contains important 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.

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Installation

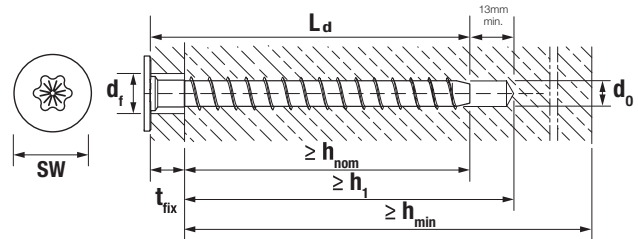
1. Drill a hole in the base material using a carbide drill bit the same diameter as the nominal diameter of the anchor. Drill the hole to the specified embedment depth plus minimum hole depth overdrill to allow the thread tapping dust to settle.
2. Blow it clean using compressed air. (Overhead installations need not be blown clean.) Alternatively, drill the hole deep enough to accommodate embedment depth and the dust from drilling and tapping.
3. Insert the anchor through the fixture and set anchor with Mid Torque (300- 400NM) using an Impact Wrench and TX-50 bit.
4. Tighten the anchor into the base material until the washer head contacts the fixture.



Caution:

- Holes in metal fixtures to be mounted should match the d_f diameter specified in the table.
- Use a Titen HD screw anchor one time only — installing the anchor multiple times may result in excessive thread wear and reduce load capacity.
- Do not use impact wrenches to install into hollow CMU.
- Manual installation is not allowed.
- Oversized holes in base material will reduce or eliminate the mechanical interlock of the threads with the base material and reduce the anchor's load capacity.

Model No.	d_o	L_d	h_f	h_{nom}	h_{min}	$t_{fix max}$	SW	d_f	$T_{impact max}$
	(mm)								(Nm)
THD12150WHMG	12	150	105	95	150	55	35	18	≤ 450



Each box comes with 2x T-50 bits and a socket



Box - 15 pieces



Carton - 60 pieces

Product Information

Model No.	Size	Box Qty	Pack Barcode	Pack Dim. (W x L x H) and weight	Carton Qty	Carton Barcode	Carton Dim. (W x L x H) and weight
THD12150WHMG	M12 x 150mm	15	707392020530	90 x 240 x 95mm 2.51kg	4x packs of 15 (60qty bolts)	10707392020537	250 x 380 x 110mm 10.34kg

A complete line of high-performance solutions

The Titen® family of concrete and masonry anchoring solutions from Simpson Strong-Tie offers a broad range of versatile, high-performance products designed for strength and reliability with fast and easy installation for every application. Backed by extensive evaluation reports, rigorous testing and longstanding legacy of expert engineering, each of our innovative screw anchors are designed for maximum ease and efficiency — ensuring a quick, smooth installation the first time, every time. With reliable, widespread product availability and skilled field support teams, you'll always have the Titen solutions and technical knowledge to help you build better than ever.

