

## Concrete Screw Anchor



High capacity threaded concrete screws are ideal for:

Providing a quick heavy duty fixing.

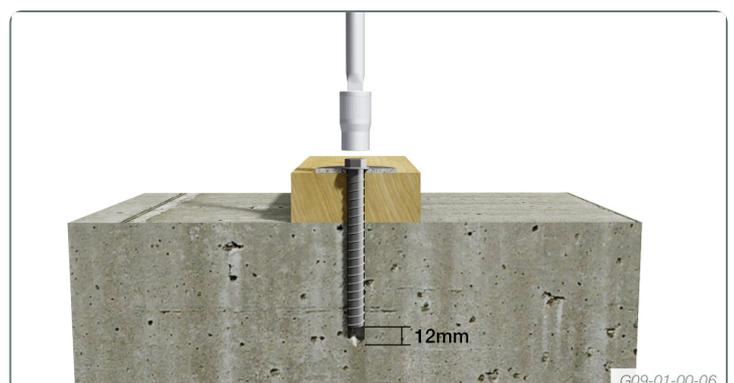
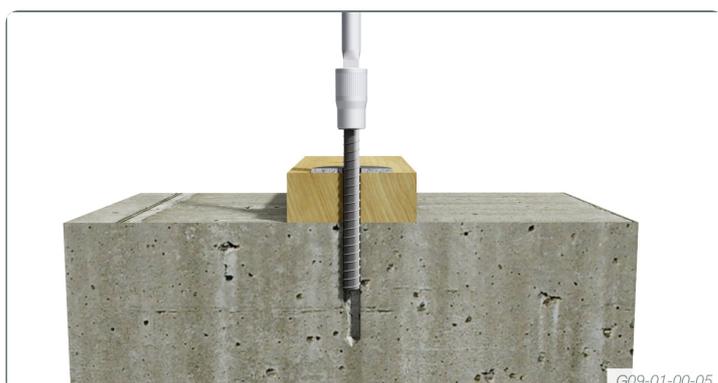
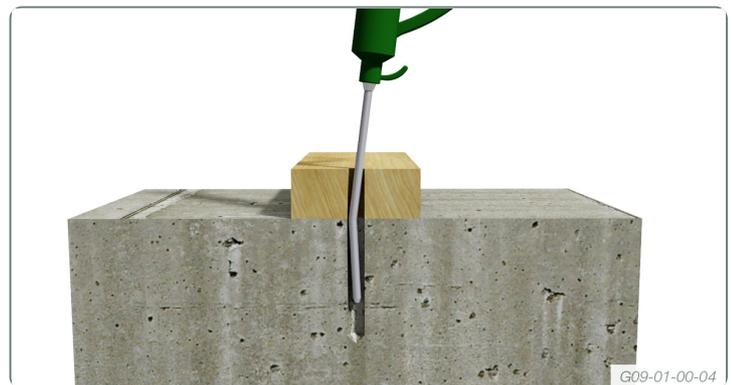
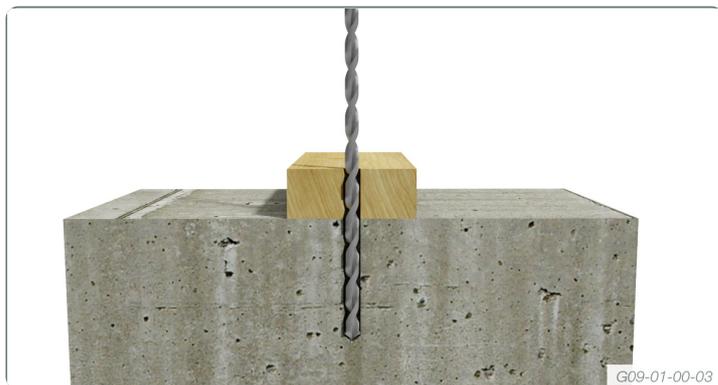
Vibration and shock resistance.

Require less spacing and edge-distance.

### APPLICATION

- Drill a hole in the base material using a carbide drill bit the same diameter as the nominal diameter of the anchor to be installed. Drill the hole to the specified embedment depth plus 12 mm minimum to allow the thread tapping dust to settle
  - Blow the hole clean using compressed air. Alternatively, drill the hole deep enough to accommodate embedment depth and dust from drilling and tapping.
  - Insert the anchor through the fixture and into the hole. Use with  $\text{Ø}65 \times 4\text{mm}$  washer
  - Tighten the anchor into the base material until the hex washer head contacts the washer.
- If the anchor will not install completely, remove the anchor and ensure that all dust has been evacuated or drill the hole deeper. Begin re-installation of the anchor by hand to prevent cross-threading.

Caution: 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.



## BOTTOM PLATE ANCHOR TABLE

The following table gives the recommended Limit State Design capacities for Concrete Screw Anchor.

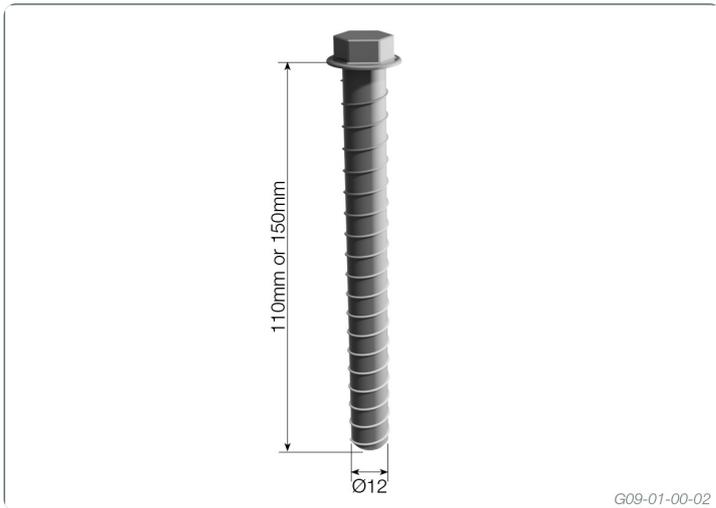
Anchor Size	Concrete Strength (MPa)	Minimum Washer size	Minimum Edge Distance (mm)	Minimum Embedment Depth (mm)	Limit State Design Uplift Capacity (kN)					
					J2	J3	J4	JD4	JD5	JD6
12X110	20	50x50x3mm	35	73	6.2					
12X110	20	50x50x3mm	45	73	7.8					
12X150	20	50x50x3mm	35	95	7.4					
12X150	20	50x50x3mm	45	95	7.8					

## DESCRIPTION AND PACKAGING

Mechanically galvanised screw anchor.

Description	Product Code	Reference Code	Carton quantity	Carton kg.
12x110	SA12110	SA12110	20	2.5
12x150	SA12150	SA12150	20	3.4

Ø65 x 4mm Washer (TA280)



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.