



Bremtoggle™ Gravity Toggles are pre assembled fasteners consisting of a fully threaded screw, steel retaining nut and a hinged pressed steel toggle bar. Fastening is achieved by passing the hinged toggle bar through the drilled hole and once inserted the toggle bar rotates parallel to the far face of the base material and tightening of the screw draws the toggle up resulting in a broad, positive interlock to the back face of the base material.

APPLICATIONS

Light duty fastenings to drywall panels, plaster board, timber boards and hollow blocks.

FEATURES

- Fully assembled fastening
- Fast installation
- Maximum holding power in thin boards
- Secure interlocking fastening
- Fully removable
- Fire resistant

SUGGESTED SPECIFICATION

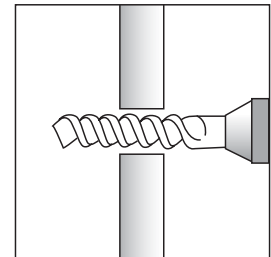
Bremtoggle Gravity Toggle Anchors

The anchors used shall be preassembled gravity toggle anchors consisting of a carbon steel toggle hinged onto a carbon steel zinc plated screw. Installation shall be in accordance with the manufactures recommendations and all anchors shall be sourced form Bremick Pty Ltd.

SETTING INSTRUCTIONS

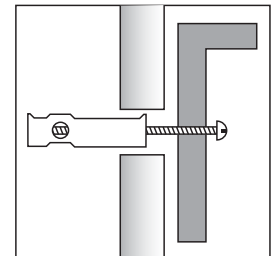
1: Drill

Drill hole through base material to specified diameter.



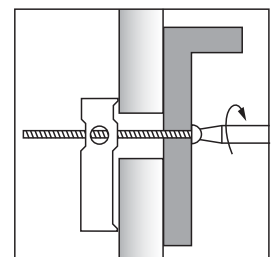
2: Insert

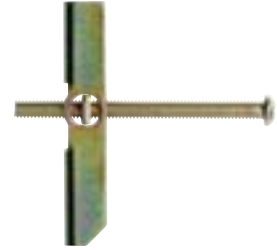
Remove screw and pass through fixture. Reinstall screw into toggle and insert toggle through hole in base material.



3: Set

Allow toggle to fall into place and tighten with a screw driver until specified torque is achieved.



**GRAVITY TOGGLE - WITH SCREW
ZINC PLATED - ROUND HEAD**

Thread Size (mm)	Hole/Drill Diameter (mm)	Anchor Length (mm)	Max. Fastening Thickness (mm)	Std Pack	Product Code
M4	11	50	42	100	TGRMZ040502
M5	14	50	42	100	TGRMZ050502
		75	67	100	TGRMZ050752

INSTALLATION DETAILS

FASTENER DETAILS			INSTALLATION DETAILS					
Anchor/ Drill Diameter	Thread Size	Anchor Length	Grip Range	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque	Phillips Driver
D _o (mm)	D (mm)	L (mm)	min to max (mm)	h _{min} (mm)	t _{fix} (mm)	D _c (mm)	T _{inst} (mm)	
11	M4	50	30	8	42	11	5	PH2
14	M5	50	25	8	42	14	5	PH2
		75	55	8	67	14	5	PH2

PERFORMANCE DATA - GYPSUM/PLASTERBOARD

INSTALLATION DETAILS		CAPACITIES IN 10mm THICK GYPSUM / PLASTERBOARD	
Hole/ Drill Diameter	Embedment Depth	RECOMMENDED LOAD	
(mm)	(mm)	Tension (NR _{ukc}) KN	Shear (VR _{ukc}) KN
11	M4	0.15	0.30
14	M5	0.15	0.35

All testing was undertaken in plasterboard with a minimum sample rate (n) of 10.
Recommended Loads have been derived with a minimum factor of safety of 4.
All Shear Values are Single Shear.

For further performance data, including Characteristic, Working Stress, Limit State Design Values and design data please refer to our Web Site www.bremick.com.au