



Plastic Toggle Drywall Anchor

TECHNICAL MANUAL

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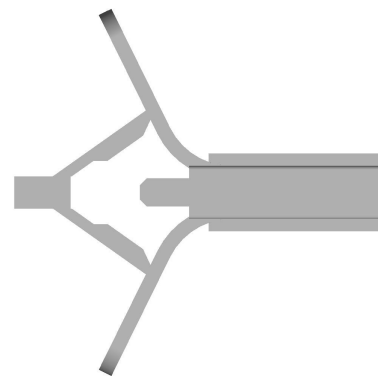
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DESCRIPTION

The Plastic Toggle Drywall Anchor is a plastic anchor designed for accept M4 and M5 screws for light duty applications in hollow or solid base materials

TYPICAL APPLICATION

- ✓ Picture
- ✓ Paintings
- ✓ Lighting
- ✓ Coat hangers
- ✓ Electrical
- ✓ Rails
- ✓ Small wall-mounted shelves



FEATURES

- Three convenient sizes for use in a variety of hollow base materials from 1/4" drywall to hollow block
- Unique, one-piece design for fast and easy installation
- Flange prevents accidental push through in plasterboard.
- Anchoring in perforated brick or block, drywall, concrete

MATERIAL SPECIFICATION

- Material: Polyamide PA 6

ANCHOR SELECTION

Part No.	Size	Diameter (mm)	Length (mm)	Screw Dia (mm)	Box (pcs)
600910033	10 × 33	10	33	4.0-5.5	100
600910040	10 × 40	10	40	4.0-5.5	100
600910047	10 × 47	10	47	4.0-5.5	100

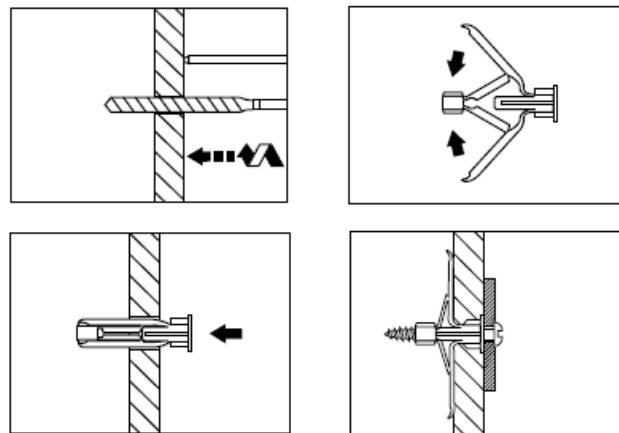
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INSTALLATION

Base Material Thickness	d_0 (mm)	L (mm)	L_1	d (mm)
10 × 33 specially designed for 1/2" plasterboard				
4 mm - 12.7 mm	10	33	32 mm + t_{fix}	4.0 - 5.0
13 mm - 15 mm	10	33	32 mm + t_{fix}	4.0 - 5.0
more than 35 mm	10	33	39 mm + t_{fix}	5.0 - 6.0
10 × 40 specially designed for 5/8" plasterboard				
15.8 mm - 19 mm	10	40	38 mm + t_{fix}	4.0 - 5.0
19 mm - 22 mm	10	40	38 mm + t_{fix}	4.0 - 5.0
more than 41 mm	10	40	46 mm + t_{fix}	5.0 - 6.0
10 × 47				
23.8 mm - 28.5 mm	10	47	47.6 mm + t_{fix}	4.0 - 5.0
28.5 mm - 31.8 mm	10	47	47.6 mm + t_{fix}	4.0 - 5.0
more than 50.8 mm	8	47	21.9 mm + t_{fix}	5.0 - 6.0

* d_0 = Drill hole diameter, L = Total length, L_1 = Screw length, d = Screw diameter, t_{fix} = Fixture thickness



PERFORMANCE DATA

Plastic Toggle Drywall Anchor Allowable Loads*

Size	12.5 mm Drywall Tension (KN)	15.8 mm Drywall Tension (KN)	Hollow Concrete Block Tension (KN)
10 × 33	0.089	0.111	0.178
10 × 40	--	0.156	0.222
10 × 47	--	--	0.311