

METAL PIN ANCHORS

Light/medium duty anchor that is set by hammer impact which slides the zinc plated pin inside the zinc alloy body creating an expansion force. Suitable for fixing into a wide range of base materials like concrete, block and stone.



Specifications/Features

- Type: Mushroom head anchor with zinc plated pin
- Material: Corrosion resistant zinc alloy body
- Offers quick and easy installation
- Once installed the anchor becomes tamper resistant
- Full metal design provides higher loading power than nylon nail in anchors

Diameter	Length mm	Drill Size mm	Max Fixture Thickness mm	Minimum Embedment mm	C25/32 MPA Concrete	
					Tension Load kN	Shear Load kN
5.0mm	22	5.0	3.0	19.0	0.8	0.9
6.5mm	25	6.5	5.0	20.0	0.9	1.2
	32	6.5	7.0	25.0	1.0	1.2
	38	6.5	13.0	25.0	1.0	1.2
	50	6.5	25.0	25.0	1.2	1.2

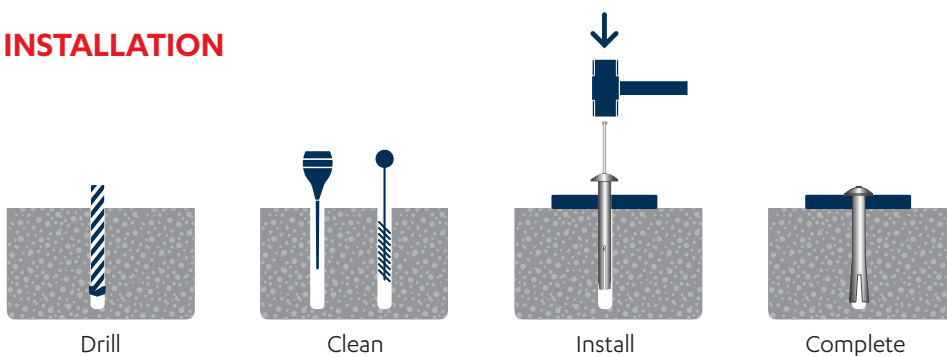
Base material thickness (BMT)

When using the metal pin anchor Min BMT is recommended at 125% of the embedment depth. E.g. 20mm anchor embedment requires the BMT of 25mm thick minimum.

Edge distance/spacing

Recommended anchor spacing for maximum load is minimum of 10 anchor diameters centre to centre. An edge distance for shear and tension loads of 12 anchor diameters is also recommended. Anchors not recommended for overhead applications. Once installed anchors became Tamper resistant.

INSTALLATION



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Disclaimer: this data should be used as a guide only, for exact applications you should engage the services of a qualified engineer.