

## **NON SAFETY CRITICAL**

#### **METAL PIN ANCHOR**

#### 5mm & 6.5mm sizes

**Zinc Plated** Dry, internal applications

#### **FEATURES & BENEFITS**

- Light duty displacement setting anchor.
- Through fastening applications only.
- Simply hammer into pre drilled hole to install.
- Suitable for concrete, solid brick, block & stone.
- Tamper resistant.

# Zinc plated steel drive pin. Low profie, large diameter mushroom head firmly captures the fixture Zinc Alloy body

#### **APPLICATIONS/TRADES**

- Signage.
- Brackets.
- Sanitary fixtures.
- Public infrastructure where tamper resistance is desired.
- Not recommended for overhead use.

#### SUBSTRATE SUITABILITY









SOLID BLOCK



STONE



## **METAL PIN ANCHOR NON SAFETY CRITICAL**

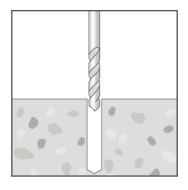
### **RANGE**

MUSHROOM HEAD									
Product Code	Pack Qty	Anchor / Drill hole Ø (mm)	Anchor length (mm)	Maximum fixture thickness (mm)	Drill hole depth (mm) @ t <sub>fix, max</sub>	Minimum embedment depth @ t <sub>fix, max</sub>	Fixture clearance hole Ø (mm)		
		d <sub>o</sub>	l <sub>t</sub>	t <sub>fix, max</sub>	h <sub>1</sub>	h <sub>nom</sub>	$d_f$		
AMPMZ050222	100	5	22	2	25	20	6		
AMPMZ060202	100	6.5	20	2	25	18	8		
AMPMZ060252	100	6.5	25	5	30	20	8		
AMPMZ060322	100	6.5	32	7	35	25	8		
AMPMZ060382	100	6.5	38	8	40	30	8		
AMPMZ060502	100	6.5	50	15	45	35	8		
AMPMZ060752	100	6.5	75	40	45	35	8		

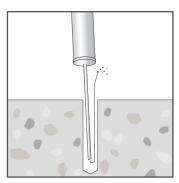
Note:

For a fixture thickness  $(t_{fix})$  that is less than the  $t_{fix,max}$  value tabled above: - increase both the drill hole depth  $(h_1)$  & concrete thickness  $(h_{min})$  by  $(t_{fix,max} - t_{fix}$  actual)

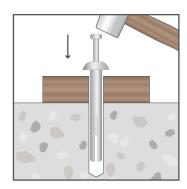
#### **INSTALLATION**



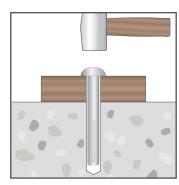
Drill hole into substrate to the specified diameter and depth



Clear hole of drilling debris.



Tap anchor through the fixture into the substrate until all are firmly in contact



Continue driving the drive pin until the head of the pin is flush with the anchor head.



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PRODUCT INSTALL & PERFORMANCE INFORMATION								
Anchor /	Minimum	Minimum substrate	Recommended Capacities					
Drill hole Ø (mm)	embedment depth	thickness	Load in any direction (kg)					
	h <sub>nom</sub>	h <sub>min</sub>	F <sub>rec</sub>					
5	5 20		10					
6.5	25	65	12					

Note:

Recommended capacities are based on:

- 20MPa concrete compressive strength.

Important Disclaimer: Capacity information is limited to the simple scope above and is provided to enable a relative comparison within and across product ranges. Please contact Bremick to enable an anchoring solution to be optimised for your particular anchoring application.

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