



## NYLON NAIL-IN ANCHOR

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**Bremick Nylon Nail-In Anchors** are friction type anchors that provide a highly economical fastening solution for light duty fastening needs. Nail-in anchors consist of a hollow nylon sleeve with longitudinal expansion slots pre assembled with a tapered serrated drive pin. The pin is driven into the sleeve and a friction grip is developed against the wall of the hole by the resulting anchor expansion.

**Bremick Nylon Nail-In Anchors** are available with head forms to suit most applications including: countersunk, mushroom and round heads.

### APPLICATIONS

Fully assembled light duty plastic anchor for application in concrete, masonry and stone.

### BENEFITS

- Quick and simple installation
- Setting by hammer.
- Removable with screw driver
- Through fastening
- Available in a variety of head types

### ANCILLARY PRODUCTS CLEANING TOOLS

For Brushes and Blow Pumps please refer to the Chemical Injection System section of this book.

### SUGGESTED SPECIFICATION

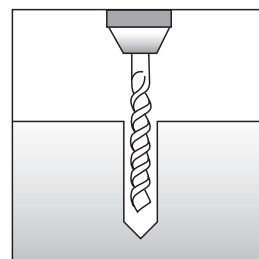
#### Nylon Nail In Anchors

The anchors used shall be nylon nail in anchors consisting of a nylon friction sleeve preassembled with a zinc plated carbon steel drive pin. Installation shall be in accordance with the manufactures recommendations and all anchors shall be sourced from Bremick Pty Ltd.

### SETTING INSTRUCTIONS

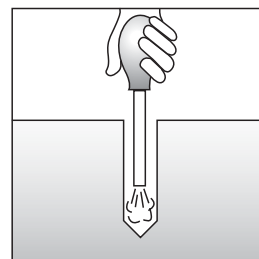
#### 1: Drill

Drill hole in base material to specified diameter and depth.



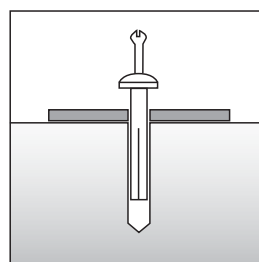
#### 2: Clean

Blow out dust and drilling fragments. Alternatively drill hole 5mm deeper.



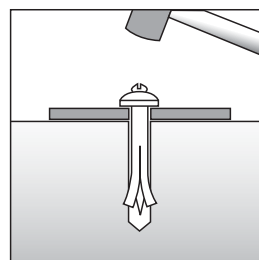
#### 3: Insert

Insert nylon anchor into hole until the head is flush with the fixture.



#### 4: Set

Set anchor by driving screw pin with hammer blows. Additional tightening or adjustment may be achieved with a screw driver.





**MUSHROOM HEAD  
ZINC PLATED SCREW**  
AS1789

Hole/Drill Diameter (mm)	Anchor Length (mm)	Hole Depth (mm)	Max. Fast. Thickness (mm)	Std Pack	Product Code
5	25	20	5	100	ANMMZ050252
	38	25	13		ANMMZ050382
6.5	25	20	5	100	ANMMZ060252
	38	25	13		ANMMZ060382
	50	30	20		ANMMZ060502
	75	35	40		ANMMZ060752



**ROUND HEAD  
ZINC PLATED SCREW**  
AS1789

Hole/Drill Diameter (mm)	Anchor Length (mm)	Hole Depth (mm)	Max. Fast. Thickness (mm)	Std Pack	Product Code
5	25	20	5	100	ANRMZ050252
	38	25	13		ANRMZ050382
6.5	25	20	5	100	ANRMZ060252
	38	25	13		ANRMZ060382
	50	30	20		ANRMZ060502
	75	35	40		ANRMZ060752



**COUNTERSUNK HEAD  
ZINC PLATED SCREW**  
AS1789

Hole/Drill Diameter (mm)	Anchor Length (mm)	Hole Depth (mm)	Max. Fast. Thickness (mm)	Std Pack	Product Code
5	25	20	5	100	ANKMZ050252
6.5	25	20	5	100	ANKMZ060252
	38	25	13		ANKMZ060382
	50	30	20		ANKMZ060502
	75	35	40		ANKMZ060752

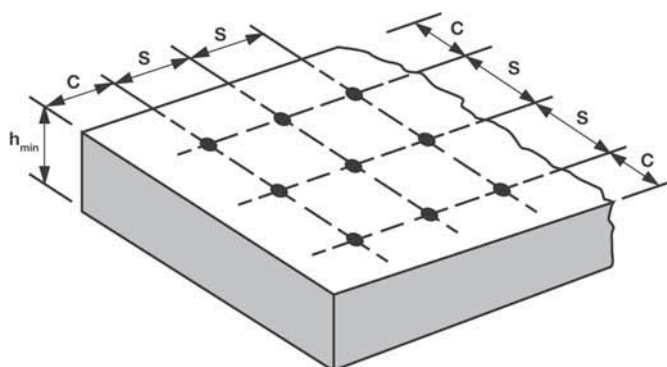


## MUSHROOM, ROUND & COUNTERSUNK HEADS ZINC PLATED



### INSTALLATION DETAILS

FASTENER DETAILS			INSTALLATION DETAILS					Driver Type
Anchor/ Drill Diameter	Pin Diameter	Anchor Length	Effective Embedment Depth	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque	
D <sub>o</sub> (mm)	D (mm)	L (mm)	h <sub>t</sub> (mm)	h <sub>min</sub> (mm)	t <sub>fix</sub> (mm)	D <sub>c</sub> (mm)	T <sub>inst</sub> (Nm)	
5	3	25	20	25	5	5	N/A	SLOTTED
		38	25	35	13	5	N/A	SLOTTED
6.5	3	25	20	25	5	6.5	N/A	SLOTTED
		38	25	35	13	6.5	N/A	SLOTTED
		50	30	40	20	6.5	N/A	SLOTTED
		75	35	45	40	6.5	N/A	SLOTTED



Notation, Spacing, Edge Distance & Base Material Thickness

### PERFORMANCE DATA - CONCRETE & MASONRY (RECOMMENDED LOADS)

INSTALLATION DETAILS		RECOMMENDED LOADS IN CONCRETE & MASONRY (N <sub>rec,c</sub> / V <sub>rec,c</sub> )									
Hole/ Drill Diameter	Embedment Depth	25MPa Concrete (f <sub>c</sub> )		32MPa Concrete (f <sub>c</sub> )		Solid Brick (f <sub>c</sub> )		15 MPa Block (f <sub>c</sub> )		Aerated Block (f <sub>c</sub> )	
(mm)	(mm)	Tension (NRukc) KN	Shear (Vruk) KN	Tension (NRukc) KN	Shear (Vruk) KN	Tension (NRukc) KN	Shear (Vruk) KN	Tension (NRukc) KN	Shear (Vruk) KN	Tension (NRukc) KN	Shear (Vruk) KN
5	20	0.24	0.36	0.28	0.40	0.31	0.46	0.17	0.25	0.12	0.17
	25	0.28	0.36	0.31	0.40	0.35	0.46	0.20	0.25	0.13	0.17
6.5	20	0.28	0.58	0.31	0.66	0.35	0.74	0.20	0.41	0.13	0.28
	25	0.31	0.58	0.35	0.66	0.39	0.74	0.22	0.41	0.15	0.28
	30	0.34	0.58	0.38	0.66	0.44	0.74	0.24	0.41	0.16	0.28
	35	0.37	0.58	0.42	0.66	0.47	0.74	0.26	0.41	0.18	0.28

All above Values are Design Values for anchors installed in concrete and masonry with anchors installed at characteristic embedment depths, as shown and are valid for products supplied by Bremick Pty only.

Recommended Loads have been derived with a Safety factor 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](http://www.bremick.com.au)

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