

## **EasyDrive™ Nylon Anchors**



## Description

The EasyDrive<sup>™</sup> Nylon Drive Anchor is a removable light duty, impact/ rotation setting, interference fit anchor, designed for use in a variety of substrates such as concrete, stone, solid brick, solid block, hollow brick, hollow block and hollow slab.

### **Features & Benefits**

- The innovative design of the EasyDrive<sup>™</sup> ensures that it can be hammered all the way into the hole without pre-expansion.
- The drive screw's saw tooth thread makes it easy to drive and unscrew.
- · A wide, flat collar with collapsable sleeve design, ensures tight fixing.
- · Nylon body provides insulation between drive screw and work surface..

### **Applications**

- Electrical fitting installation
- Brick Tie installation
- · Pipe/Conduit Saddle installation

## Installation





- 1. Drill hole to correct diameter and depth using fixture as template. Clean the hole thoroughly with brush. Remove debris with a hand pump, compressed air or vacuum.
- I nsert the anchor through the fixture and drive with a hammer until the lip of the EasyDrive<sup>™</sup> nylon anchor contacts the fixture.



 Screw or tap home the expansion nail with a hammer. The expansion nail is easily removed with a screwdriver.



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These anchors are not recommended for structure critical applications and are typically used for simple fixing and finishing applications. Their capacity information is therefore presented in simple Working Load Limit format.

#### Installation and Working Load Limit performance details

Anchor size, d <sub>b</sub> (mm)	Installation details			М	inimum dimensio	ns	Working Load Limit (kN)			
		Fixture hole diameter, d <sub>f</sub> (mm)	Anchor effective depth, h (mm)	Edge distance, e <sub>c</sub> (mm)	Anchor spacing, a <sub>c</sub> (mm)	Substrate		Tension, N <sub>a</sub>		
	Drilled hole							Conc. compressive strength, f' <sub>c</sub>		
	diameter, d <sub>h</sub> (mm)					thickness, b <sub>m</sub>	Shear, V <sub>a</sub>	20 MPa	40 MPa	
5	5	5	20	20	30	45	0.50	0.20	0.20	
6	6	6	30	24	36	55	0.75	0.30	0.30	
6.5	6.5	6.5	25	26	39	50	0.80	0.30	0.30	
8	8	8	40	32	48	65	1.00	0.40	0.40	

#### **Description and Part Numbers**

Anchor	Effective length, L <sub>e</sub> (mm)	Part No.								
Size, d <sub>b</sub>		Mushroom Head		Round Head		Flat Head		Csk Head		
(mm)		Zn*		Zn*		Zn*		Zn*		
5	20	TNM320	TNM320/25	-	-	-	-	-	-	
			R714046	-	-	-	-	-	-	
	25	TNM325	TNM325/25	TNR325	TNR325/25	-	-	-	-	
			R934979		R714077	-	-	-	-	
	33	-	-	-	-	ED05033	ED05033/20	-	-	
		-	-	-	-		R466617	-	-	
		-	-	-	-		R719034**	-	-	
	38	-	-	THROAD	TNR338/25	-	-	-	-	
		-	-	INK338	R934948	-	-	-	-	
6	42	-	-	-	-	ED06042	ED06042/20	-	-	
		-	-	-	-		R466679	-	-	
	55	-	-	-	-	ED06055	ED06055/20	-	-	
		-	-	-	-		R466709	-	-	
	75	-	-	-	-	5000075	-	-	-	
		-	-	-	-	ED00075	R466730	-	-	
6.5	25	TNM425	TNM425/25	TND405	TNR425/25	-	-	TNF425	TNF425/25	
			R714053	INn420	R934962	-	-		R935013	
	38	TNM438	TNM438/25	TND420	TNR438/25	-	-	TNF438	-	
			R934986	1111430	R714084	-	-		R714015	
	50	TNM450	TNM450/20	TND450	TNR450/20	-	-	TNF450	TNF450/20	
			R934993	TNN450	R714091	-	-		-	
	75	TNM475	TNM475/20	-	-	-	-	TNF475	TNF475/20	
			-	-	-		-		-	
8	80	-	-	-	-	ED08080	ED08080/10	-	-	
		-	-	-	-		R466761	-	-	

Effective depth, h (mm)

h = L<sub>e</sub> - t t = total thickness of material(s) being fixed

\* Expansion nail \*\* Includes one hook per anchor

#### For further information, please contact Ramset"

AU - PHONE: 1300 780 063 www.ramset.com.au

NZ - PHONE: 1800 RAMSET (726738) www.ramset.co.nz

Ramset 🖥 1 Ramset Drive, Chirnside Park, Victoria. 3116. Australia 🐵 Copyright March 2025 ITW Australia Pty. Ltd. ABN 63 004 235 063 trading as Ramset 🖤

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