








# ShureDrive™

PERFORMANCE	MATERIAL	INSTALLATION RELATED				
 CLOSE TO EDGE	 ZINC	 WALL APPLICATIONS	 THROUGH FIXTURE	 DRILLED HOLES	 WET HOLES	 MULTI DIRECTIONAL APPLICATION

## Description

The ShureDrive™ Drive Anchor is an all metal light duty, impact setting, interference fit anchor, designed for tamper resistant use in a variety of substrates such as concrete, stone, solid brick, solid block, hollow brick, hollow block and hollow slab.

## Features & Benefits

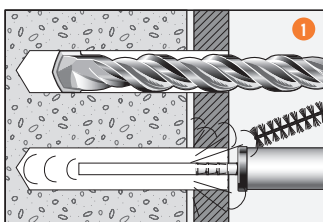
- Hammer-in method makes installation quick and easy.
- Full expansion of the anchor is evident when the head of the expansion nail sits flush with the flange.
- Once fully set, the ShureDrive™ becomes tamper resistant.
- The anchor's large flange prevents pullout.

## Applications

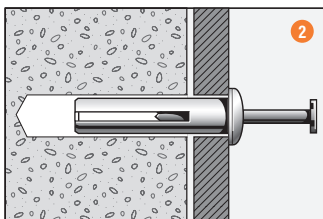
- Brick tie installation
- Sign installation
- Pipe/conduit saddle installation



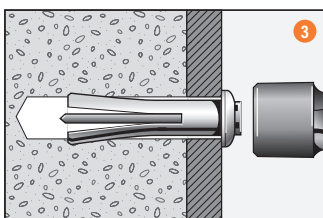
## Installation



1. Drill hole to correct diameter and depth. Clean thoroughly with brush. Remove debris by way of vacuum or hand pump, compressed air etc.



2. Insert ShureDrive™ into hole through fixture until head is tight against fixture.



3. Drive home expansion nail with hammer.

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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, $d_b$ (mm)	Installation details			Minimum dimensions		Working Load Limit (kN)		
	Drilled hole diameter, $d_h$ (mm)	Fixture hole diameter, $d_f$ (mm)	Anchor effective depth, $h$ (mm)	Edge distance, $e_c$ (mm)	Anchor spacing, $a_c$ (mm)	Shear, $V_a$	Tension, $N_a$	
							Conc. compressive strength, $f'_c$	
		20 MPa	40 MPa					
5	5	6	19	20	30	1.0	0.8	0.80
6	6	7	25	24	36	1.4	1.0	1.0

## Description and Part Numbers

Anchor Size, $d_b$ (mm)	Effective length, $L_e$ (mm)	Part No.	
		Zinc	
5	22	SDM05022	SDM05022/20
			-
6	30	SDM06030	SDM06030/20
			R935037
	50	SDM06050	-
			-

### Effective depth, $h$ (mm)

$$h = L_e - t$$

$t$  = total thickness of material(s) being fixed

For further information, please contact Ramset™

AU - PHONE: 1300 780 063 [www.ramset.com.au](http://www.ramset.com.au)

NZ - PHONE: 1800 RAMSET (726738) [www.ramset.co.nz](http://www.ramset.co.nz)