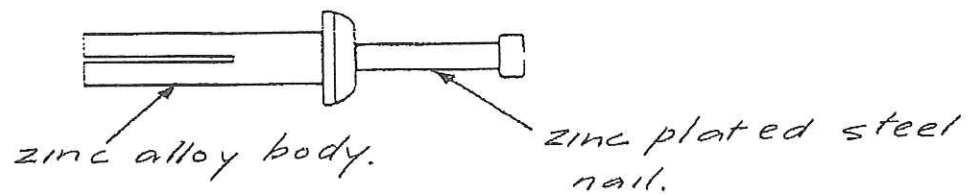


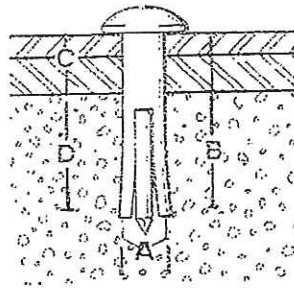
GIBSON HAMMER DRIVE ANCHORS.

The Gibson Hammer Drive Anchors have a zinc alloy body with a zinc plated steel nail that is recessed in the body of the anchor. Hammer Drive Anchors are used for light duty fixing applications in concrete.



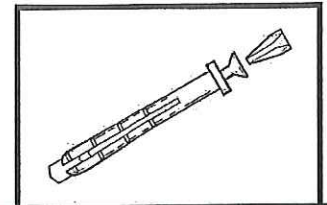
The Hammer Drive Anchor works by the nail expanding the zinc alloy body as it is hammered in.

In practice, a hole is drilled into the concrete substrate, to the required



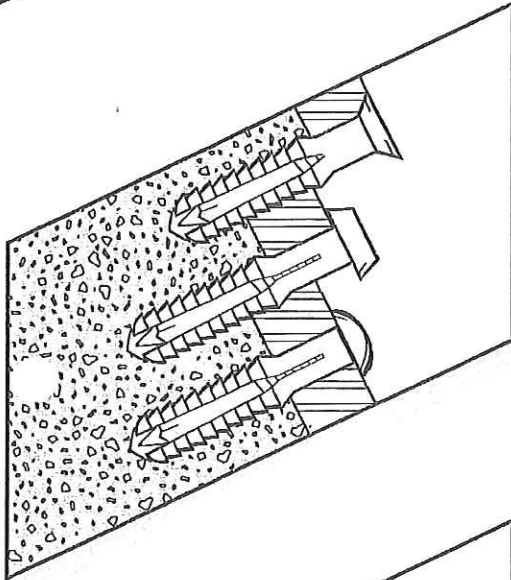
depth (B) and to the requisite diameter. The anchor is then inserted into the hole, and the nail hammered home until it can go no further, thereby expanding the zinc alloy body to securely fix it in the concrete.

— X —



DRIVE ANCHORS

NAIL-IN PLUGS • MACDRIVE & BETTADRIVE ANCHORS



NAIL-IN-PLUGS

The MACSIM NAIL-IN-PLUG is a complete, multi-purpose, simple to use anchor, ideal for many light weight applications in both solid masonry and hollow wall applications.

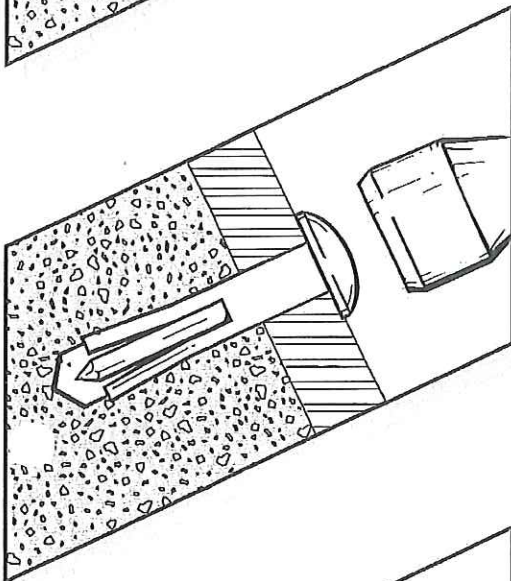
These anchors are simple to install, and can be removed, but it is not recommended.

Installation Procedure

1. Drill the correct diameter hole to the required depth.
2. Insert the pre-assembled anchor through the item to be fastened and into the hole.
3. Using a hammer, tap the threaded expander nail fully home into the recess in the anchor head.

Typical Applications

1. Securing conduit and water pipe clips/saddles.
2. Wall panelling.
3. Billboards and sign fixtures.
4. Plastic cable duct installation.



MACDRIVE ANCHORS

The MACSIM MACDRIVE Anchor is an already assembled, versatile, light duty masonry anchor for use in concrete and solid masonry materials.

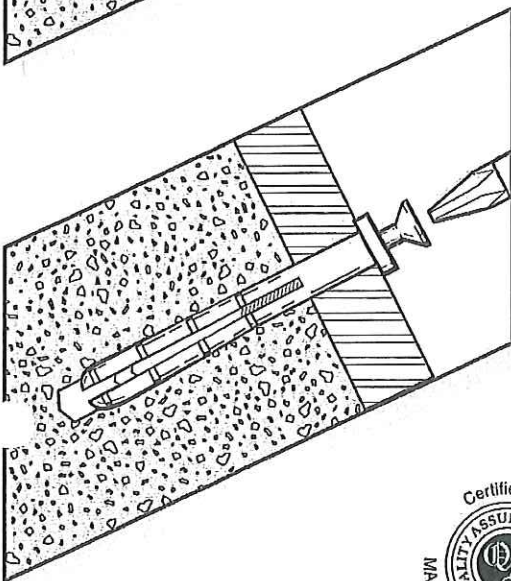
These anchors are of cast zinc alloy and are simple and quick to install and offer secure, permanent, tamper proof fastening every time.

Installation Procedure

1. Drill the correct diameter hole to the required depth.
2. Insert the assembled anchor through the item to be fastened and into the hole.
3. Using a hammer, drive the expander nail fully home into the recess in the anchor head.

Typical Applications

1. Fastening exterior awning covers.
2. Flashing and sheet metal signs.
3. Light weight fire sprinkler services.
4. Header mounts.
5. Warning sign fastenings.
6. Clips and saddles.
7. Ducting brackets.



BETTADRIVE ANCHORS

The MACSIM BETTADRIVE anchor is a complete, ready to use anchor, suitable for light to medium duty applications in both solid masonry and hollow wall situations.

The large diameter expanding screw-nail provide secure fastening in the hole and offers a secure solid fastening every time. The coarse thread ensures ease of removal of the anchor if required.

Installation Procedure

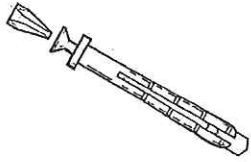
1. Drill the correct diameter hole to the required depth.
2. Insert pre-assembled anchor through the item to be fastened and into the hole.
3. Using a hammer, drive the expander-screw nail fully home until it seats in anchor head recess.

Typical Applications

1. Battens to masonry walls.
2. Frame fastenings
3. Window Installation
4. Lightweight Electrical Applications.



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IN QUALITY FASTENERS



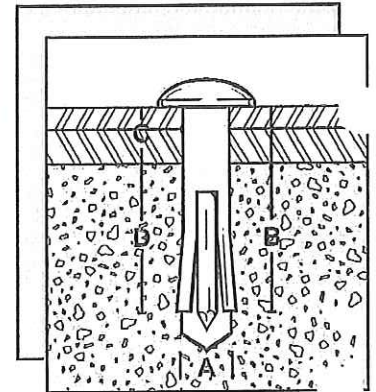
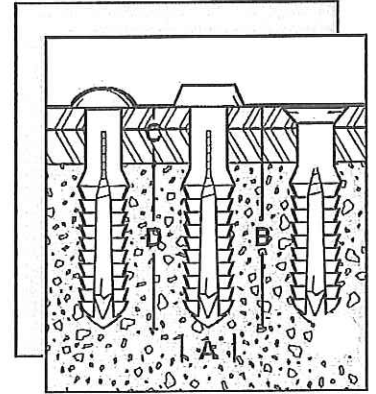
DRIVE ANCHORS

NAIL-IN-PLUGS • MACDRIVE & BETTADRIVE ANCHORS

RANGE AND TECHNICAL DATA

MACSIM NAIL-IN-PLUGS

CODE No.	HEAD TYPE	DIA. A (mm)	LENGTH B (mm)	FAST. MAT. C (mm)	MIN. EMB. D (mm)	SAFE WORKING LOADS IN SOLID MASONRY	
						TENSION	SHEAR
05R525	ROUND	5.0	25	5	20	175N	470N
05R540	ROUND	5.0	40	15	23	175N	470N
05R625	ROUND	6.5	25	5	20	270N	750N
05R640	ROUND	6.5	40	13	25	270N	750N
05R650	ROUND	6.5	50	25	25	270N	750N
05R675	ROUND	6.5	75	50	25	270N	750N
05C525	FLAT	5.0	25	5	20	175N	470N
05C540	FLAT	5.0	40	13	25	175N	470N
05C625	FLAT	6.5	25	5	20	270N	750N
05C640	FLAT	6.5	40	13	25	270N	750N
05C650	FLAT	6.5	50	25	25	270N	750N
05C675	FLAT	6.5	75	50	25	270N	470N
05M519	M'ROOM	5.0	19	5	20	150N	400N
05M525	M'ROOM	5.0	25	3	14	175N	750N
05M625	M'ROOM	6.5	25	5	20	270N	750N
05M640	M'ROOM	6.5	40	13	25	270N	750N
05M650	M'ROOM	6.5	50	25	25	270N	750N
05M675	M'ROOM	6.5	75	50	25	270N	750N
05M6100	M'ROOM	6.5	100	70	30	280N	750N

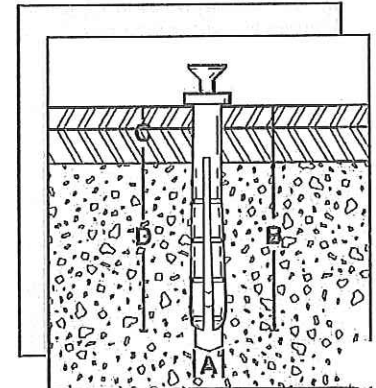


MACSIM MACDRIVE ANCHORS

CODE No.	DRILL DIA. A (mm)	LENGTH B (mm)	FASTEN MAT. C (mm)	MIN. EMB. D (mm)	SAFEWORKLOAD INSOLIDMASONRY
1422	5mm	22mm	13	19	1.0KN
1432	6.5mm	32mm	10	22	1.0KN
1450	6.5mm	50mm	25	25	1.0KN

MACSIM BETTADRIVE ANCHORS

CODE No.	SIZE DIA. x LGTH. B (mm)	FASTENS MAT. TO C (mm)	DRILL DIA. A (mm)	MIN. EMB. D (mm)	SAFE WORKING LOADS IN SOLID MASONRY	
					TENSION	SHEAR
39425	4 x 25	5mm	4mm	20	130N	400N
39533	5 x 33	8mm	5mm	25	170N	700N
39550	5 x 50	25mm	5mm	25	170N	700N
39637	6 x 37	12mm	6mm	25	370N	1000N
39655	6 x 55	25mm	6mm	25	370N	1000N
39670	6 x 70	45mm	6mm	25	370N	1000N
39854	8 x 54	24mm	8mm	30	430N	1200N
39872	8 x 72	42mm	8mm	30	430N	1200N



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MACSIM

FASTENING SYSTEMS

MS75 LOW VELOCITY POWDER TOOL

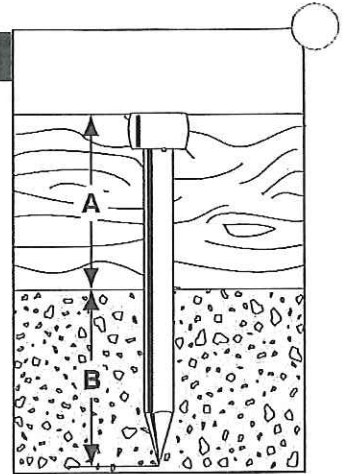
- **Low Velocity Safety**
- **Indirect Acting Piston Tool**
- **Full 75mm Fastener Capacity**
- **8mm Fastener Head Capacity**
- **Power Adjustment Feature means more applications from one load**
- **.27 Calibre Multi-Fit Strip Load**
- **Semi-Automatic Operation**
- **Built-in Noise Reduction**
- **Light Weight and Ergonomic Design**
- **Simple Construction and quick Maintenance**
- **Complies with AS/NZ1873**

Example:

Selecting Fastener Lengths
 Timber A = 50mm
 Depth into concrete B = 25mm
 Fastener Length = 75mm
 (NB. In steel B = 13mm)
 Fastener Length = 65mm

Minimum edge Distance
 In concrete = 75mm
 In Steel = 13mm

Minimum distance between Fasteners
 In Concrete = 75mm
 In Steel = 13mm



Recommended working loads Concrete (kN)

Shank Dia. (mm)	Penetration (mm)	Concrete Strength					
		25MPa		30MPa		40MPa	
		Tension	Shear	Tension	Shear	Tension	Shear
3.8	25	1.5	2.2	1.9	2.2	1.9	2.2
3.8	32	2.0	2.2	2.5	2.2	2.3	2.2

Recommended working loads Steel Plate (kN)

Shank Diameter (mm)	Steel Plate Thickness					
	6mm		10mm		12mm	
	Tension	Shear	Tension	Shear	Tension	Shear
3.8	2.5	3.8	2.8	3.8	3.6	3.8

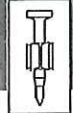
Macsim LV Drive Pins

Macsim MS75 *Knurled Shank		
Code	Lgth (mm)	Box qty
48LV013	13	100
48LV016*	16	100
48LV019*	19	100
48LV022	22	100
48LV025	25	100
48LV032	32	100
48LV038	38	100
48LV045	45	100
48LV050	50	100
48LV065	65	100
48LV075	75	100
48LV0100	100	100



Macsim LV Step Down Drive Pins

Code	Lgth (mm)	Box qty
48LVSD025	25	100
48LVSD032	32	100



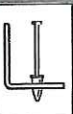
Macsim LV Drive Pins Washered

Code	Lgth (mm)	Box qty
48LVW025	25	100
48LVW032	32	100
48LVW075	75	100



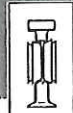
Macsim LV Angle Clip Assembly

Code	Lgth (mm)	Box qty
48LVA025	25	100
48LVA032	32	100



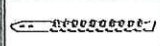
Macsim LV Drive Pins with Top Hat

Code	Lgth (mm)	Box qty
48LVT013	13	100
48LVT016	16	100



Macsim LV .27 Calibre Safety Strip Loads

Code	Colour	Box qty
48S27G	GREEN	100
48S27Y	YELLOW	100
48S27R	RED	100





[Home](#) » [Products](#) » [Anchoring Systems](#) » [Drive Pins](#)

DRIVE PINS



Type:

Packaging Type: Trade Box Packaging

Sizes Description

Drive Pins are designed to fasten a fixture to concrete and steel with the aid of a powder actuated tool.

Low Velocity Drive Pins - Low Velocity - 8-9mm Barrels

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DRIVE PINS

Type: ▼



Packaging Type: Trade Box Packaging

Sizes Description

Code	Length (mm)	Qty	Barcode
48LV022	22	100	028582
48VL025	25	100	028483
48VL032	32	100	028490
48VL038	38	100	028506
48VL045	45	100	051672
48LV050	50	100	031827
48LV065	65	100	031834
48LV075	75	100	028513
48LV095	100	100	051689
48LV090	90	100	085189



OUR NEW NAIL PACKAGING RANGE



Made in New Zealand
Barcoded to GS1
Consumer friendly packaging



