

MACLOC ANCHOR



Description

Macsim Macloc Anchors are flush finishing standard machine bolt anchors, suitable for medium to heavy duty fastening into concrete, solid brick, cement block and other masonry materials. Once inserted into the hole and the bolt is engaged in the thread and tightened, the expansion cone is drawn up through the anchor. The anchor expands and "locks" into the surrounding substrate and provides a high strength, secure installation.

Features

- High load capacity.
- Available in both metric and imperial (Whiworth).
- Zinc plated for corrosion resistance.
- Provide flush finish.

Typical Applications

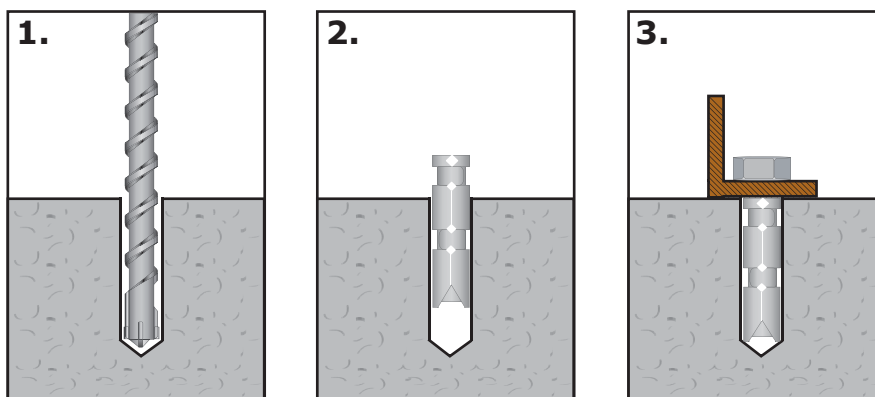
- Fastening wrought iron fence.
- Gate posts to masonry walls
- Installation of machinery

Correct Bolt Length Selection

To select the correct length of bolt to be used, simply add the thickness of the fixture to the overall length of the anchor.

Note: If a bolt of extra length is selected, it may bottom in the hole and prevent the anchor from being correctly set.

Installation Procedure



PRODUCT SPECIFICATION MANUAL

Installation Procedure - Continued

1. Drill the correct diameter hole to a depth equal to the length of the anchor plus 1/2 its diameter. The extra depth allows for dust residue left in the hole.
2. Insert Macloc into the hole ensuring that the expansion cone/ nut is inserted first. Tap anchor down until flush with surface.
3. Position fixture and insert bolt through the fixture into the Macloc, ensuring correct thread engagement. Tighten the bolt with an appropriate spanner or wrench to achieve maximum holding power.

Installation Recommendations

Code	Thread Size (inches)	Drill Size (Inches)	Box Qty	Carton Qty
1106	1/4"	1/2"	100	1000
1108	5/16"	5/8"	50	500
1110	3/8"	5/8"	50	250
1113	1/2"	7/8"	25	250



Code	Thread Size (mm)	Drill Size (inches)	Box Qty	Carton Qty
11M06	6	1/2"	100	1000
11M08	8	5/8"	50	500
11M10	10	5/8"	50	500
11M12	12	7/8"	25	250



Material Specification

Code	Size	Expansion Shell	Expansion Cone
11**	Imperial	460	580
11M**	Metric	460	580

Technical Performance

Code	Size	Advisory SWL 15N/mm Base		Minimum		
		Tension (Kn)	Shear (Kn)	Edge Distance (mm)	Anchor Spacing (mm)	Structural Depth (mm)
1106/11M06	12.70	2.60	1.30	105	120	75
1108/11M08	15.80	6.20	2.40	160	190	100
1110/11M10	15.80	6.20	2.40	160	190	100
1112/11M12	22.00	9.20	5.50	200	230	150