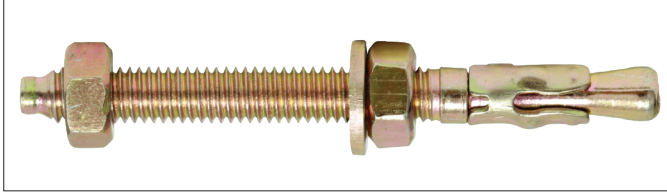


WEDGE ANCHOR



9.11 PRODUCT DATA

Head Type: Hexagon Bolt

Material Coating:

- Yellow Zinc Plated (Pictured)

9.12 PRODUCT DESCRIPTION

The Macsim Wedge Anchor is a one piece, expansion anchor designed to fix a component to concrete and offers the advantage of needing the same clearance hole diameter as the drill hole, to eliminate hole potting or layout. The design gives high tensile and shear performance, with simple installation and instantaneous load capability.

The Anchor is ideal for attaching steel components to concrete such as ledger angle, wall ties, support brackets, props and timber beams to concrete.

9.13 APPLICATIONS

- Used for Heavy Loads
- Attaching Steel to Concrete
- Ceiling and Wall Applications

9.15 INSTALLATION METHOD

1. Drill 6mm diameter hole and 45mm depth.
2. Clean hole by brushing and blowing out dust carefully.
3. Push Anchor through fixture and hammer down until flush with surface.

OVERHEAD PROCEDURE

4. Following the installation procedure (steps 1-3 above) it is critical to ensure the Anchor is then locked into position. This is attained by pulling the Anchor down approximately 5mm away from the hole employing the use of a Claw Hammer or other applicable tool. This procedure ensures the Anchor is expanded fully and hence locked correctly into position, then tighten the nut against the concrete surface to eliminate anchor retraction.

VERTICAL PROCEDURE

5. Follow steps 1-4.
6. If required an 8mm or 5/16" I.D washer can be installed over the end of the anchor prior to tightening nut, to eliminate anchor retraction.

9.14 ADVANTAGES

- High Tension Capacity
- Shear Load Capacity
- Simple Installation
- Instant Load Capacity
- Same Clearance Hole to Drill Hole

