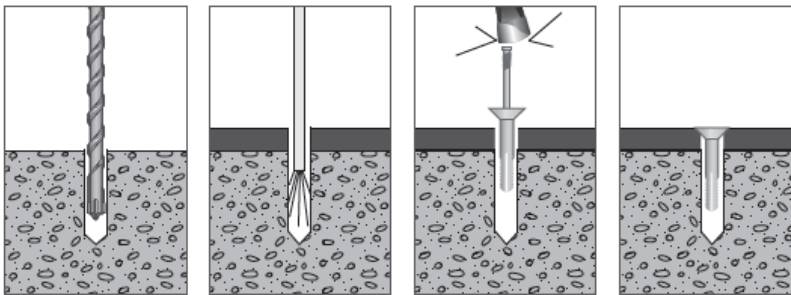


**20.12 PRODUCT DESCRIPTION**

The Macsim Nylon Nail in Plug has an assembled nail and comes in 3 different head types (Mushroom, Round, Countersunk). The Nail in Plug is expanded by hammering the nail into the plug. It is designed for quick location fixing into solid brick or concrete.

**20.13 INSTALLATION METHOD**

1. Drill correct diameter hole through the component and into the base at least as deep as the overall plug length.
2. Insert the Nail In Plug into the hole. Hammer home the nail until head is located in the plug. Do not over hit or the plug will be damaged.



**20.11 PRODUCT DATA**

Material:

- Nylon Polyamida

Head Types:

- Countersunk: Yellow Zinc/ Stainless Steel
- Mushroom: Yellow Zinc/ Stainless Steel
- Round: Yellow Zinc/ Stainless Steel

**20.14 APPLICATIONS**

- Used for Light Duty Loads
- Fixing into solid brick and concrete

**20.15 ADVANTAGES**

- Quick Location Fixing into Solid Brick and Concrete

| CODE    | Size (mm) | Hole Diameter (mm) | Embedment Depth (mm) | Max. Fasten Thickness (mm) |
|---------|-----------|--------------------|----------------------|----------------------------|
| 05*519  | 5 x 19    | 5                  | 15                   | 3                          |
| 05*525  | 5 x 25    | 5                  | 18                   | 5                          |
| 05*540  | 5 x 40    | 6.5                | 18                   | 20                         |
| 05*625  | 6.5 x 25  | 6.5                | 20                   | 4                          |
| 05*640  | 6.5 x 40  | 6.5                | 25                   | 13                         |
| 05*650  | 6.5 x 50  | 6.5                | 25                   | 23                         |
| 05*675  | 6.5 x 75  | 6.5                | 25                   | 48                         |
| 05*6100 | 6.5 x 100 | 6.5                | 25                   | 73                         |

**20 NYLON NAIL IN PLUG ANCHOR**

**20.16 MATERIAL SPECIFICATIONS**

| CODE     | Size | Nail Size | Plug    | Nail      | Nail (525 625) |
|----------|------|-----------|---------|-----------|----------------|
| 519-540  | 5    | n/a       | Nylon 6 | Steel YZP | Stainless 304  |
| 640-6100 | 6.5  | n/a       | Nylon 6 | Steel YZP | Stainless 304  |

**20.17 TECHNICAL PERFORMANCE**

| CODE     | Size (mm) | Advisory SWL Tension Min. Concrete (N) | Advisory SWL Tension Min. Brick (N) | Advisory SWL Tension Light Agg. (N) | Advisory SWL Shear (N) |
|----------|-----------|--|-------------------------------------|-------------------------------------|------------------------|
| 519      | 5         | 150                                    | 125                                 | n/a                                 | 400                    |
| 525/40   | 5         | 175                                    | 150                                 | n/a                                 | 470                    |
| 625      | 6.5       | 250                                    | 225                                 | n/a                                 | 750                    |
| 640-6100 | 6.5       | 270                                    | 250                                 | n/a                                 | 750                    |