# Gripple Stud End Fixing

**The 'stud' anchor method provides an extremely fast way of fixing a suspension to a concrete structure, or an existing metal bracket.**

## ADVANTAGES

- Reduces installation time by over 90%
- Threaded for ease of use, no tools required.
- Ideal for use in concrete ceilings, metal decking and pressed metal brackets.

## PRODUCT INFORMATION

- Supplied with drop-in anchors, free as part of the kit, or with nylock nuts (on request).
- Hollow core anchors available, specifically designed for use with Gripple Stud hangers in hollow core ceiling slabs.
  (note: standard hollow core anchors are not suitable)

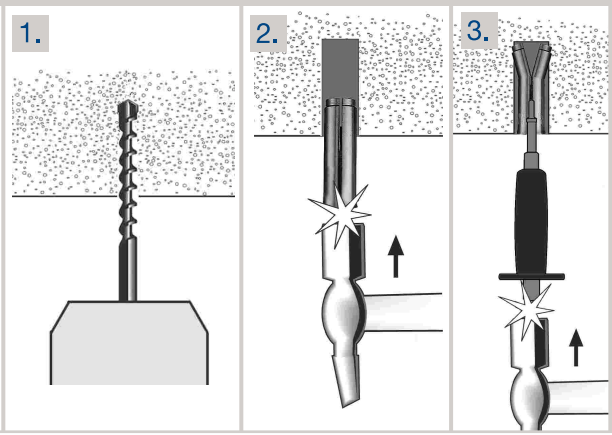
## INSTALLATION

1. Drill concrete
(Note: Use a wire brush to ensure drilled hole is clear).

2. Push in the drop-in anchor.

3. Use a hammer to drive in the setting punch to expand the anchor.

4. Screw in the stud.



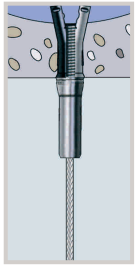

**Tips:**

The stud is designed to be manually screwed in.

It is not essential that the stud screws up tight against the drop-in anchor.

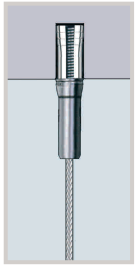
## Ideal for:

- Concrete structures.
- Metal decking structures.
- Metal brackets, using nuts.



**Hollow Core Ceiling**

For use with M8 Fischer fixing.



**Concrete Ceiling**

For use with a drop-in anchor.

**Metal bracket**

For use with M6 Stud fixing and nylock nuts.

Gripple Limited, The Old West Gun Works, Savile Street East, Sheffield S4 7UQ
telephone: 0114 275 2255, fax: 0114 275 1155, email: info@gripple.com or visit **www.gripple.com**

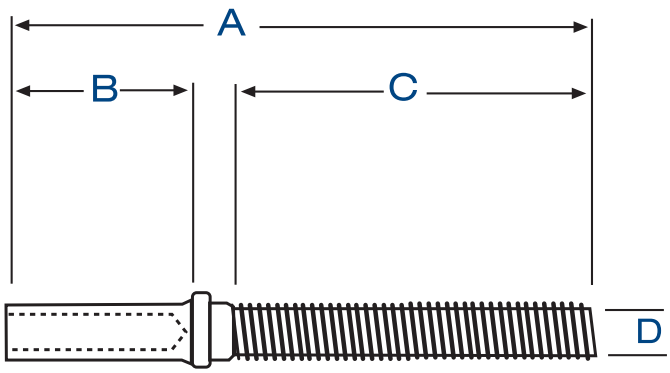
# Stud End Fixing - Technical Information

## MATERIALS AND QUALITY

All Gripple studs are manufactured from mild steel, which is zinc coated for maximum anti-corrosion properties. A stainless steel version is available in the M6 and M8 size only. The stud is swaged on to one end of the wire rope by a power press. The tail end is then heat cut, fusing the individual wire filaments together, which eliminates any chance of the rope fraying. This allows the wire to be easily fed through the fastener and reduces the possibility of injury to the installer.

## RANGE OF SIZES

| Sizes | Safe Working Load Range | M6 x 20mm | M8 x 45mm | M10 x 45mm | Stainless Steel (M6 or M8) |
|---|---|---|---|---|---|
| No.1 | 0 - 10kg | ✔ | ✗ | ✗ | ✗ |
| No.2 | 10 - 45kg | ✔ | ✔ | ✔ | ✔ |
| No.3 | 45 - 90kg | ✔ | ✔ | ✔ | ✔ |
| No.4 | 90 - 225kg | ✗ | ✗ | ✔ | ✗ |




| Size | A (mm) | B (mm) | C (mm) | D (mm) |
|---|---|---|---|---|
| M6 | 47 | 21 | 20 | M6 |
| M8 | 70 | 21 | 45 | M8 |
| M10 | 100 | 45 | 50 | M10 |

| mm | M6 | M8 | M10 |
|---|---|---|---|
| Drill bit diameter | 8mm | 10mm | 12mm |
| Anchorage Depth | 25mm | 30mm | 40mm |
| Screwing Depth | 8/11mm | 10/13mm | 12/16mm |
| Tightening Torque | 4Nm | 8Nm | 15Nm |
| Clearance Hole | 7mm | 9mm | 12mm |
| Min. base material thickness | 100mm | 100mm | 100mm |

## Important Information

1. Construction materials and conditions vary on different sites. If it is suspected that the base material has insufficient strength to achieve a suitable fixing, contact Gripple Ltd. The responsibility for judgement of base material strength lies with the installer, and not with Gripple Ltd.

2. The information and recommendations given herein are believed to be correct at time of writing. The data has been obtained from tests done under laboratory, or other controlled conditions and it is the users responsibility to use the data given in light of conditions on site, taking account of the intended use of the products concerned.

3. Whilst Gripple Ltd can give general guidance and advice, the nature of Gripple products means that the ultimate responsibility for selecting the correct product for a particular application must lie with the customer.

4. All products must be used, handled and applied in accordance with current product instructions and manufacturers recommendations for use, published by Gripple Ltd.

5. Gripple's policy is one of continuous development and innovation. We therefore reserve the right to alter specifications, etc. without notice.

CONFORMS TO DW/144 · SMACNA · SHEFFIELD DESIGNED & MADE · apave · Lloyd's Register · PROOF TESTED · HVCA · ECA · cULus LISTED · TÜV

Gripple Limited, The Old West Gun Works, Savile Street East, Sheffield S4 7UQ
telephone: 0114 275 2255, fax: 0114 275 1155, email: info@gripple.com or visit **www.gripple.com**