



Hammerscrew

Data Sheet

Hammerscrew

A countersunk, ribbed plug manufactured from PA6 nylon and fitted with a Zinc Plated or Grade 304 Stainless Steel drive screw. Suitable for use in Concrete, Brick, Concrete Blocks, & Natural Stone. Restricted use in Hollow bricks and blocks and Aerated Concrete Blocks



|                                     |    |      |    |      |    |    |    |      |    |     |     |     |
|-------------------------------------|----|------|----|------|----|----|----|------|----|-----|-----|-----|
| Plug Diameter                       | mm | 5    |    | 6    |    |    |    | 8    |    |     |     |     |
| Plug Length Z. P. Screw             | mm | 30   | 50 | 40   | 50 | 60 | 70 | 60   | 80 | 100 | 120 | 140 |
| Plug Length S. S. Screw             | mm | 30   |    | 40   |    | 60 |    |      | 80 | 100 |     |     |
| Max. Fixture Thickness              | mm | 5    | 25 | 10   | 25 | 30 | 40 | 20   | 40 | 60  | 80  | 100 |
| Drill Hole Diam                     | mm | 5    |    | 6    |    |    |    | 8    |    |     |     |     |
| Min. Hole Depth                     | mm | 30   |    | 35   |    |    |    | 45   |    |     |     |     |
| <b>Rec. Tensile Loads</b>           |    |      |    |      |    |    |    |      |    |     |     |     |
| 30N/mm <sup>2</sup> Concrete        | kN | 0.16 |    | 0.18 |    |    |    | 0.22 |    |     |     |     |
| 20N/mm <sup>2</sup> Solid Brickwork | kN | 0.13 |    | 0.14 |    |    |    | 0.18 |    |     |     |     |
| 7N/mm <sup>2</sup> Concrete Block   | kN | 0.11 |    | 0.12 |    |    |    | 0.14 |    |     |     |     |

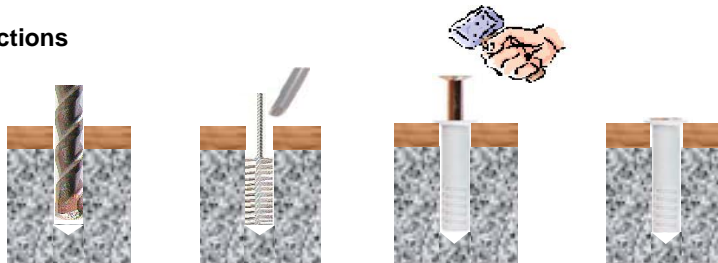
Due to the variable nature of Bricks and Blockwork these figures are for guidance only.

Hammerscrews are suitable for use in most solid base materials ranging from reinforced concrete, concrete blocks, brickwork and natural stone. They can also be used in Aerated Concrete Blocks, but their load capacity will be limited by the strength of the block. Hammerscrews can also be used in Hollow Base Materials but their use will be restricted by the thickness of the wall of the brick or block.

**Typical Applications:**

Timber Battens, Frame Ties, Electrical Boxes, Suspended Ceiling Trim, Conduit clips.

**Installation Instructions**



1. Drill correct diameter hole through fixture to correct depth in base material.
2. Clean hole by brushing and blowing
3. Insert Hammerscrew through fixture into base material and hammer screw into plug.

|               |              |         |              |
|---------------|--------------|---------|--------------|
| Dartford      | 01322 277733 | Stone   | 01785 819819 |
| Elland        | 01422 370121 | Swindon | 01793 527829 |
| Milton Keynes | 01908 330050 |         |              |

