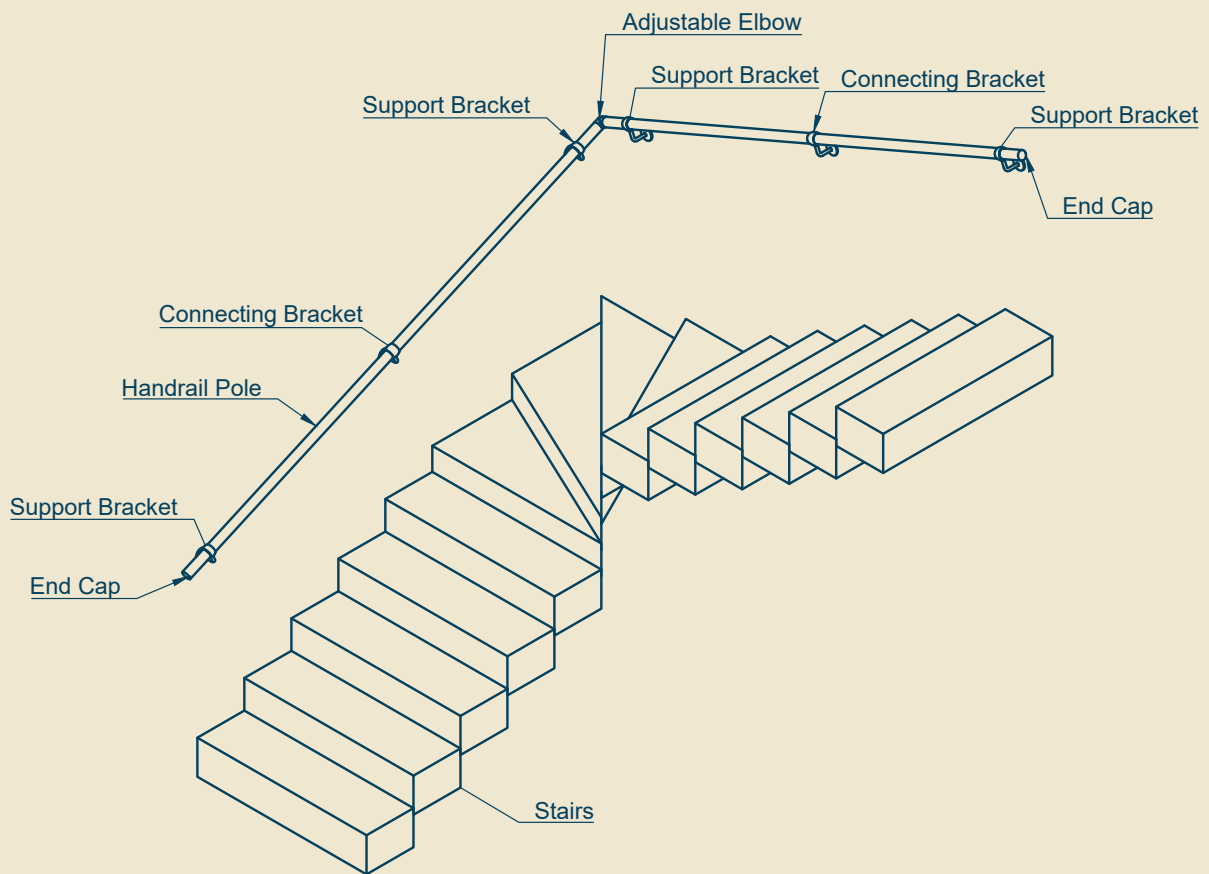


SINGLE WINDER INSTALLATION GUIDE



4.8M

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Components Included

- 4 × Handrail Poles
- 4 × Support Brackets
- 2 × Connecting Brackets
- 1 × Adjustable Elbow
- 2 × End Caps
- 18 × Wall Plugs & Screws
- 1 × 2 mm Hex Key

Required to Fit

- 1 × Philips Screwdriver
- 1 × Large Straight Edge
- 1 × Electric Drill with 8 mm Masonry Bit
- 1 × Pencil

SETTING THE GUIDELINES

Step 1 – Stair Guideline

- Measure 805 mm vertically from three locations:
 - Front edge of the bottom step
 - Inside corner wall (winder turn)
 - Front edge of the top step
- Connect these three points with a continuous guideline parallel to the stair angle.

Step 2 – Centre Point Measurements

- On the lower section of the stair, measure the distance between the bottom step and the inside corner wall (e.g. $2400 \text{ mm} \div 2 = 1200 \text{ mm}$), then mark the centre point along the guideline.
- On the upper section, measure the distance between the top step and the corner wall and mark the centre point along the guideline.

Step 3 – Bracket Positions

- From the corner wall:
 - Measure 320 mm toward the bottom step and mark.
 - Measure 320 mm toward the top step and mark.
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FITTING THE COMPONENTS

Step 1 – Install Support Brackets (Either Side of Corner)

- **Install a Support Bracket at each of the 320 mm marks (above and below the corner).**
- **Align the top two holes of the backplates with the guideline.**
- **Mark, drill (8 mm × 50 mm), insert wall plugs, and screw into place.**

Step 2 – Fit Handrail Poles and Adjustable Elbow

- **Slide a Handrail Pole through the upper Support Bracket and attach one side of the Adjustable Elbow.**
- **Slide a second Handrail Pole through the lower Support Bracket and connect it to the other side of the elbow.**

Step 3 – Install Lower Connecting Bracket

- **Attach a Connecting Bracket to the open end of the lower Handrail Pole.**
- **Align the top two holes of the backplate with the guideline.**
- **Mark, drill, insert wall plugs, and screw into place.**

Step 4 – Lower Stair Support Bracket

- **From the centre of the Connecting Bracket, measure no more than 1000 mm toward the bottom step and mark.**
- **Install a Support Bracket at this position, aligned with the guideline.**
- **Mark, drill, insert wall plugs, and screw into place.**
- **Slide a Handrail Pole through the Support Bracket and into the Connecting Bracket.**

Step 5 – Install Upper Connecting Bracket

- **Attach a Connecting Bracket to the open end of the upper Handrail Pole.**
- **Align the top two holes with the guideline.**
- **Mark, drill, insert wall plugs, and screw into place.**

Step 6 – Upper Stair Support Bracket

- **From the centre of the Connecting Bracket, measure no more than 1000 mm toward the top step and mark.**
 - **Install a Support Bracket at this position.**
 - **Mark, drill, insert wall plugs, and screw into place.**
 - **Slide a Handrail Pole through the Support Bracket and into the Connecting Bracket.**
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Final Checks

Step 7 – Complete the Installation

- **Check all Bracket screws and grub screws are fully tightened and secure.**
- **Fit End Caps to both open ends of the Handrail Poles to finish.**