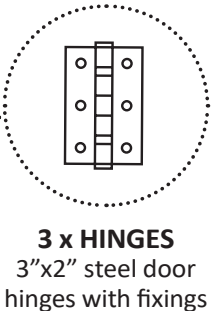
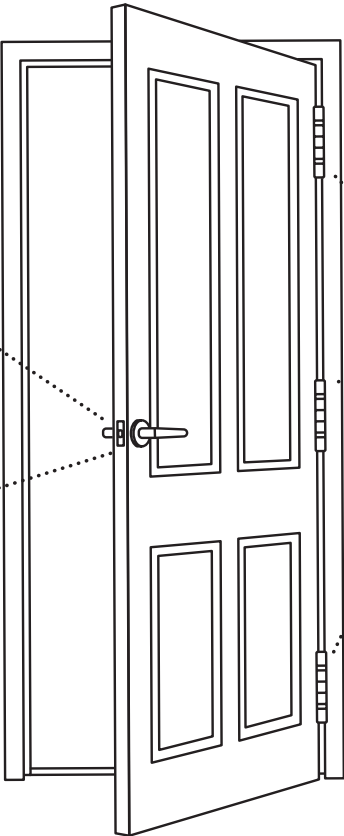
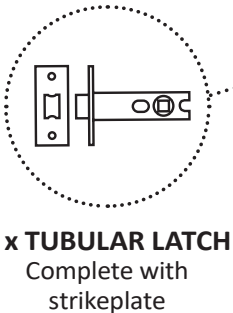


COMPLETE DOOR LATCH PACK

INSTALLATION INSTRUCTIONS

WHAT'S INCLUDED:



BEFORE YOU START:

1. Fit Hinges First
2. Install Tubular Latch
3. Fit all Door Handles
4. Test all components before fully tightening fixings

We recommend two people for hanging and fitting the door.

Read through the instructions carefully, and ensure you have the appropriate tools and assistance.

If you are unsure please contact a professional. Drawings not to scale unless otherwise specified.

Incorrectly installing this product will negatively impact function and lifespan.

TOOLS REQUIRED:



Ruler



Chisel



Pencil



Screwdriver with No.1 or No.2 Pozidriv bit



Mallet



Drill with appropriate wood drill bits (including 6mm, 17mm and 20mm where required)

SAFETY INFORMATION:

- Wear safety glasses when drilling or chiselling.
- Ensure the door is properly supported during installation.
- Keep hands away from cutting edges.
- Keep small components away from children.
- Follow the manufacturer's instructions for power tools.

HINGE FITTING INSTRUCTIONS

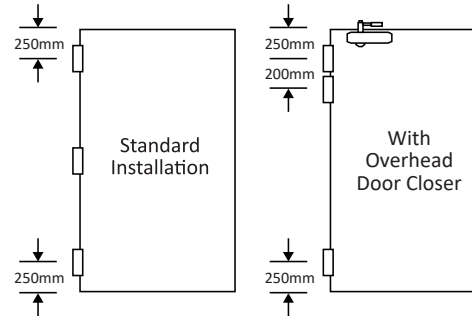
TYPICAL HINGE POSITIONS:

Standard Installation

Use for most internal doors. Evenly spaced hinges provide balanced support and help reduce the risk of the door twisting or warping over time.

With Overhead Door Closer

When an overhead door closer is fitted, position the centre hinge closer to the top hinge. This helps distribute the additional forces created by the closer, reducing stress on the top hinge and improving long-term performance.



FITTING INSTRUCTIONS:

1. Mark the Hinge Positions

Mark the centre points of the hinge locations on the door edge:

- Top hinge: 250mm from the top
- Bottom hinge: 250mm from the bottom
- 3rd hinge: centrally between top and bottom hinges (without door closer) or 200mm from centre line of top hinge (with door closer)

2. Mark the Hinge

Place the hinge on the door edge ensuring the knuckle (round barrel section) is not in contact with the edge of the door.

3. Cut the Recess

Using a chisel, remove enough material for the hinge leaf to sit flush with the edge of the door. Test fit the hinge and adjust if necessary.

4. Drill Pilot Holes

Place the hinge into the recess and mark the fixing holes. Remove the hinge and drill pilot holes slightly smaller than the fixing screws.

5. Fix Hinges to the Door

Secure each hinge using the supplied screws. Check that each hinge opens and closes freely.

6. Position the Door

Lift the door into the frame and support it using wedges until the gap between the door and frame is even on all sides.

7. Mark the Frame

Open each hinge onto the frame and mark around the hinge leaves.

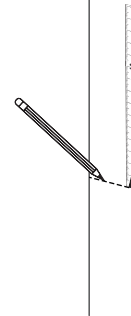
8. Cut the Frame

Remove the door, chisel out the hinge recesses to the thickness of the hinge (as per step 3) and drill pilot holes (as per step 4.)

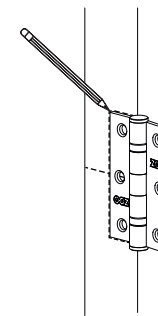
9. Secure the Door

Reposition the door and fix the hinges to the frame. Start with one screw in each hinge, check the door swings freely, then fit the remaining screws. Check that the door opens and shuts without binding before fully tightening all screws.

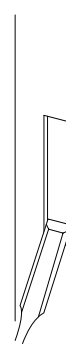
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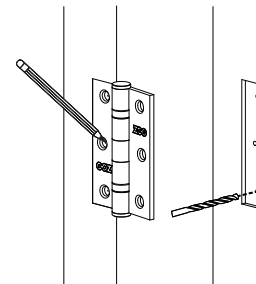
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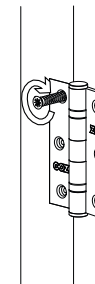
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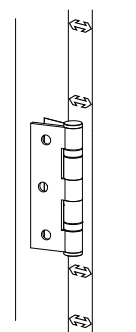
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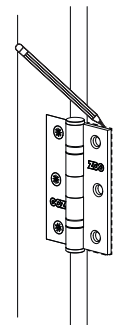
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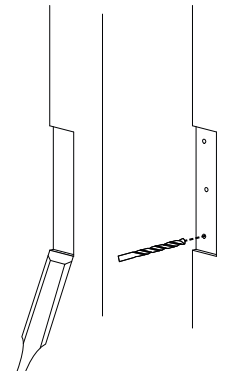
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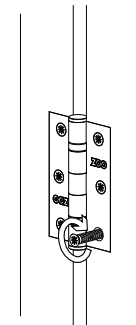
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TUBULAR LATCH FITTING INSTRUCTIONS

Quanex®
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ZOO
ARCHITECTURAL HARDWARE

FITTING INSTRUCTIONS:

1. Mark the Latch Position

Position the latch body horizontally across the edge of the door, typically between 900mm - 1050mm from the floor, or aligned with existing doors or moulding detail. Mark around the latch body at chosen position.

2. Drill the Latch Mortice

Mark the centre point of the door edge and latch body that was just marked. Drill a 17mm diameter hole into the door edge to the depth of the latch body.

3. Square the corners of the Latch Mortice

Mark the profile of the latch body against the 17mm round hole, ensuring it is vertically and horizontally square. Then use a chisel to open up the pocket so the latch can slide into the hole.

4. Recess the Faceplate

Insert the latch, mark around the faceplate, then remove it and chisel a recess so the faceplate sits flush with the door edge.

5. Test-Install the latch

With the latch in place, ensuring the angled face of the latch bolt faces the closing direction of the door, mark the screw positions and remove the latch. Drill pilot-holes for the screws. Re-fit the latch and screw down the screws.

IMPORTANT - DO NOT SHUT THE DOOR WITH THE LATCH IN PLACE UNTIL YOU INSTALL LEVERS

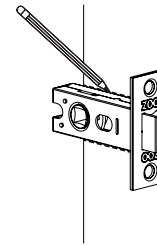
6. Mark the Strike Plate

With the latch in place, carefully push the door until it meets the frame **ENSURING NOT TO CLOSE THE DOOR**. Use a ruler or square to mark the latch position for the Strike Plate. Remove the latch or wedge the door open to ensure it doesn't latch. Use the Strike Plate as a template to mark around, in line with the latch position.

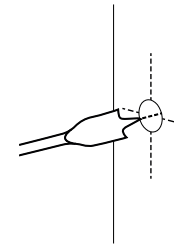
7. Fit the Strike Plate

Drill relief holes for the Dust box and chisel relief for the curved part of the strike plate, mark screw positions once in place and drill pilot holes for the fixing screws. Then secure the strike plate using the supplied screws.

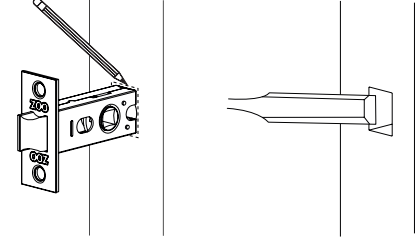
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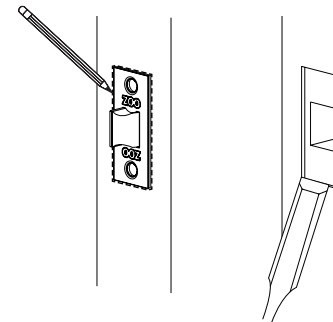
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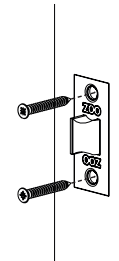
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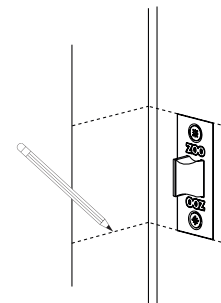
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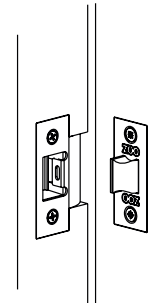
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PLEASE NOTE:

Dangerous Substances:

The materials used in this device do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

CPR Declaration of Performance:

To download CPR Declaration of Performance, please visit www.zoohardware.co.uk/knowledge-bank

Suitability

Product combination in this pack is suitable for **residential timber non-fire rated doors only**.

DOOR LEVER FITTING INSTRUCTIONS

Quanex[®]
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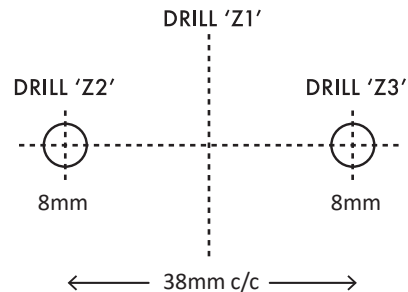
ZOO
ARCHITECTURAL HARDWARE

FITTING INSTRUCTIONS:

1. Mark the Fixing Holes

With the latch removed, from the centre spindle hole (drilled in step 6. of tubular latch instructions), mark the two bolt-through fixing holes (Z2 and Z3) at 38mm centres, using the drilling template below.

DRILLING TEMPLATE



IMPORTANT: Check printed scale before use

2. Drill the Door

Drill the fixing holes (Z2 & Z3) using a 6mm drill bit, then drill the centre spindle hole (Z1) using a 20mm drill bit. Re-fit the latch.

3. Fit the Spindle

Insert the spindle into one lever and tighten the grub screw using the supplied allen key, ensuring the spindle extends far enough to locate securely in the opposite lever.

4. Fit the First Lever

Pass the spindle through the latch follower and position the lever against the door, aligning the rose with the pre-drilled holes.

5. Fit the Second Lever

Position the second lever on the opposite side of the door and secure both levers using the supplied bolt-through fixings. Tighten both bolts evenly.

6. Tighten and Test

Tighten the grub screw on the second lever and check that the levers operate smoothly and the latch retracts fully when either lever is operated. If necessary, adjust the alignment before fully tightening all fixings. Recommend to fit at least 1 wood screw in each side as anti-rotation anchor.

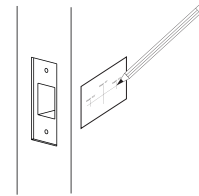
7. Fit the Rose Covers

Fit the outer rose covers by either screwing or pushing them into place, depending on the lever design.

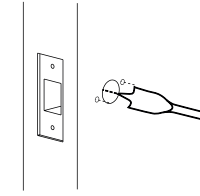
IMPORTANT NOTE:

Please check all fixings quarterly to ensure they remain tight during use.

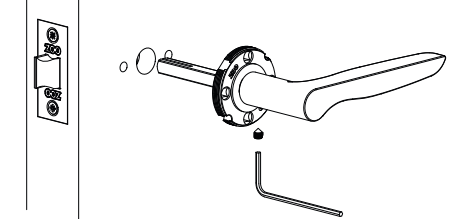
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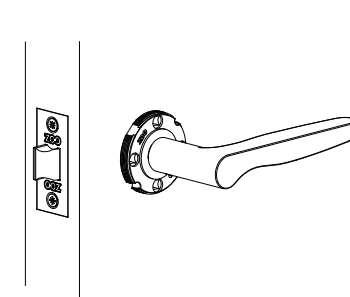
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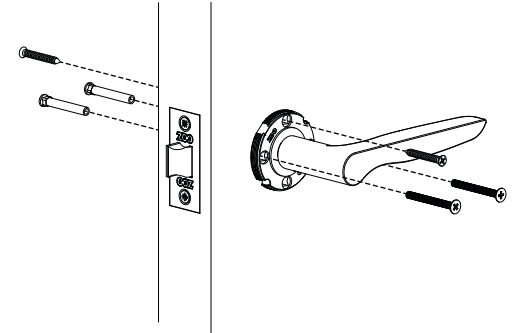
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