



Gallow bracket installation guide

1. General Guidance

Avoid removing the brickwork from the chimney on very windy days. An unsupported chimney hanging of the wall is dangerous.

Prepare working space, having large wooden boards around the work place is necessary for safety and working in comfort. Stepping between the attics joists frequently ends with accident!

When removing brick work, provide temporary support so there is no time when the chimney just hangs unsupported. Several options are possible, wooden beams put vertically off the attic floor should provide enough support for few hours of work. If gallow bracket requires all the surface of the chimney, removing additional brick for temporary support may be an option, providing the gaps are filled afterwards.

Do not attempt removing bricks if you cannot finish the job the same day, do not leave temporary supports if people stay overnight in the bedroom below.

1.1 Health and safety

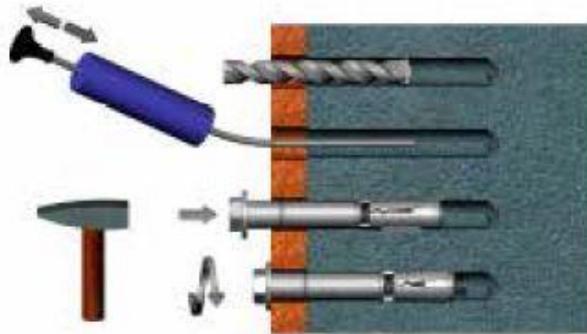
		
<p>Lighting Preferably two from different angles, hand torches are not sufficient for safe work.</p>	<p>Gloves Steel work often have sharp unpolished edges.</p>	<p>Dust mask To protect respiratory system against fibre glass, dust and drilling debris. Mask must fit firmly.</p>

2. Bolting instruction

- Gallow brackets must be securely bolted with $\phi 16$ mm Dia Rawlbolts, 100mm deep.
- Four bolts are required, one at each corner of the bracket.
- Top and bottom bolts should be 450mm-500mm apart.
- Holes for bolts should be in the centre of the brick, otherwise brick may crack.
- Do not use hammer drill setting, it can crack the brick, clay bricks are soft enough to use normal drilling mode that will provide smooth edges of the cavity.

INSTALLATION GUIDE

1. Drill a hole of required diameter and depth.
2. Remove debris and thoroughly clean hole with brush and pump.
3. Insert anchor through fixture into hole and tap until required installation depth is achieved.
4. Tighten to the recommended torque.



3. Finish

After gallow bracket is installed, place steel wedges between the bracket and the brickwork. These should be firmly inserted with a hammer to create tension on the bracket to be able to take the load from the chimney.



Remaining gaps between the gallow bracket and the brickwork should be filled with high quality structural concrete. Do not use concrete of unknown origin, this may crack under the compression forces.