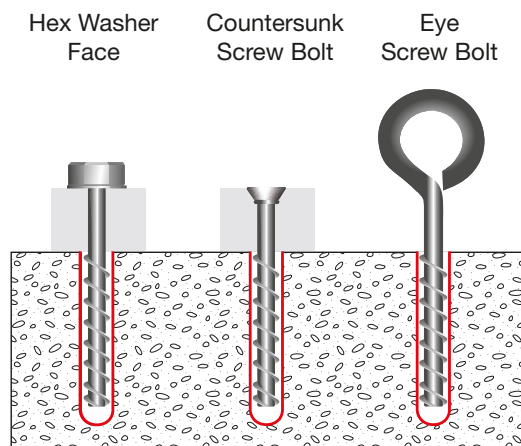


# Screw Bolt Installation Guide



This resource gives illustrated instructions on how to install different types of screw bolts. Learn how to install hex washer face, countersunk screw bolt, and eye screw bolts. It also provides recommendations for drill sizes, clearance hole diameters and drilling depths for screws of different sizes.

## Types of Screw Bolt



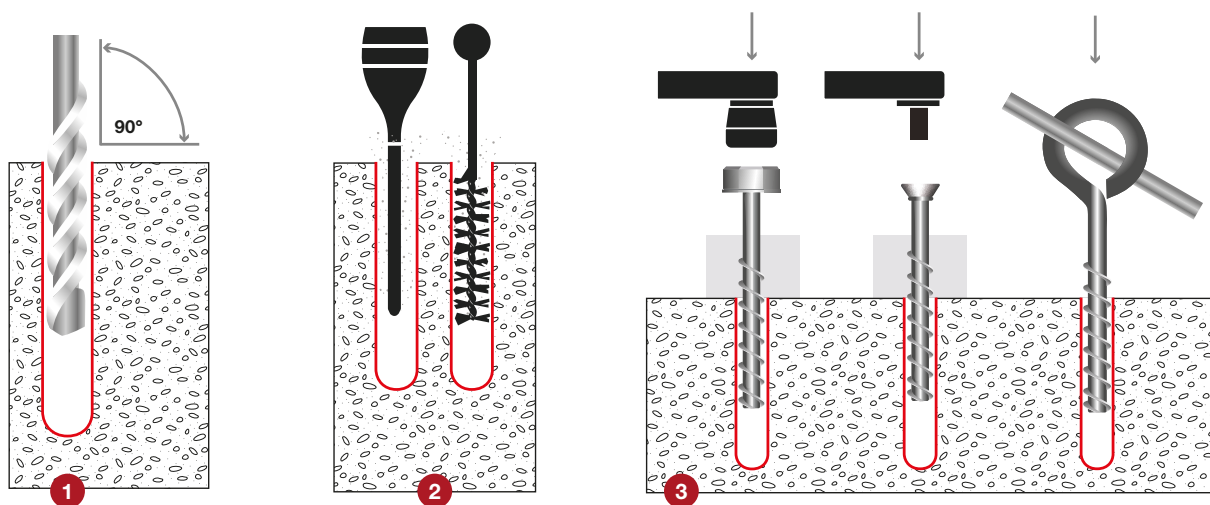
## Recommended Drill Size and Hole Depth

Diameter (mm)	Drill Size (mm)	Clearance Hole	Drilling Depth
M6	6	8	$l + 2d$
M8	8	10	$l + 2d$
M10	10	12	$l + 2d$
M12	12	15	$l + 2d$
M16	16	19	$l + 2d$

### Key:

**l** = Length  
**d** = Diameter

## How to Install



Use the table above to determine the correct size drill bit for your anchor's diameter, and the correct depth hole required for your anchor's length. Drill the hole to these parameters ensuring the hole is at a 90° angle to the concrete you are fixing to.

Use air and a wire brush to thoroughly clear the hole of dust and any other material. Alternatively, clean the hole by moving the drill bit up and down, and suctioning the dust.

Use the table above to ensure you have drilled the correct size clearance hole in the item you are fixing using the screw bolt. Place the Screw Bolt squarely in the hole, and using an Impact Screw Gun or Torque wrench, rotate clockwise to engage the thread. Keep tightening the anchor until it is firmly bedded. For Eye Screw Bolts, tighten until all useable threads are fixed into the concrete.

ⓘ The data provided in this document is for general guidance only and should not be solely relied upon when working to stringent specifications. We recommend consulting with qualified experts regarding any technical queries. This information may change without written notice.