

Metal Expansion Plug

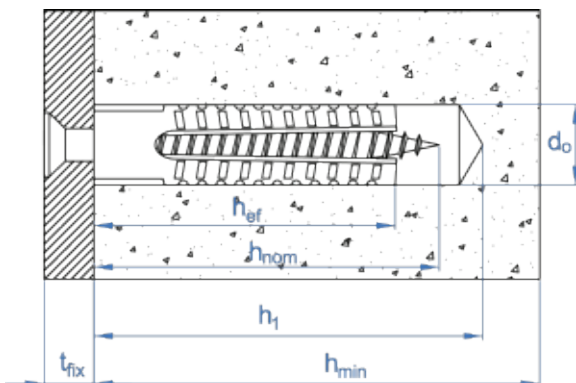
Product Code: A011-940



- 4-Segment expansion metal anchor
- Expandable by using wood screw or any type of steel bolt through it.
- To be used in concrete, natural stone, solid brick, aerated concrete, etc.
- Recommended for light duty fixings
- Easy installation

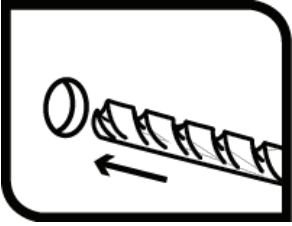
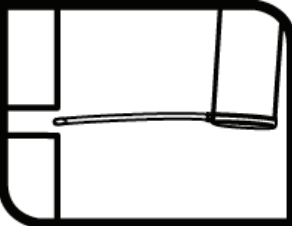
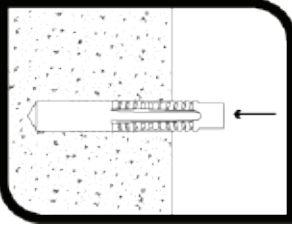
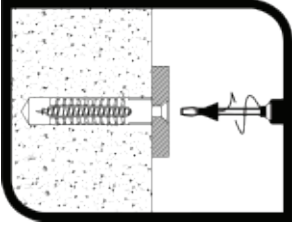
Specification

Dimensions	32mm x 6mm
Drill bit diameter (d_0)	6mm
Screw diameter	4.5 - 5mm
Drill hole depth (h_1)	40mm
Effective depth (h_{ef})	32mm
Embedment depth \geq (h_{nom})	37mm
Minimum thickness of base material	60mm
Minimum edge distance	60mm
Minimum spacing	120mm
Maximum thickness of fixture \leq (t_{fix})	37mm
Maximum load	22kg
Box quantity	100



Material	Coating
 Steel	 Zinc-plated $\geq 5\mu\text{m}$

Installation

	<p>1. DRILLING Check concrete is well compacted and porosity is insignificant. Drilling must be performed at the specified minimum depth diameter in the previous table. Switch drill to hammer mode in case of drilling in concrete.</p>
	<p>2. BLOW AND CLEAN Clean hole of dust and debris. Use blow-pump and cleaning brushes.</p>
	<p>3. INSTALL Insert the plug into the drilled hole in the base material. Ensure plug sits flush in substrate or fixture.</p>
	<p>4. APPLY THE TORQUE Set the fixture and screw the bolt without applying an excessive tightening torque.</p> <p>5. PREVIOUS CONSIDERATIONS In order to select screw length apply this approximated rule: Screw length = $t_{fix} + L + 5 \text{ mm}$</p>

Base material



Application examples

