

Rawl ETA Throughbolt Anchor

Our Rawl ETA Throughbolt Expansion Anchor with controlled torque is for use in cracked and uncracked concrete, seismic loads C1 and C2, and static or cuasi-static loads. It is ETA (European Technical Assessment) approved for structural fastenings, guaranteeing maximum performance for medium to heavy loads.

Our Throughbolt Anchor ensures reliability and safety in demanding construction projects, making it ideal for use with our vast range of Angle Profiles.

Components include: Wedge bolt, clip, nut and washer. Drill hole size 10mm.

Features

- ◆ **Typical applications:** Perfect fixing solution for grating panels, or creating frames and truss structures for industrial or construction sites, chemical and shipping industries, water treatment plants as well as offshore oil rigs.
- ◆ **Material:**
 - ◆ Shaft: Carbon steel, zinc plated $\geq 5 \mu\text{m}$.
 - ◆ Washer: DIN 125 or DIN 9021, zinc plated $\geq 5 \mu\text{m}$.
 - ◆ Nut: DIN 934, zinc plated $\geq 5 \mu\text{m}$.
 - ◆ Clip: Carbon steel, sherardized ≥ 40 .
- ◆ **Warranty:** Lifetime.



Suitable for indoor use



For more information about this product, or to place an order [click here](#)

Code	Size	Weight	Per	Colour
B011-543ZF	90mm x 10mm diameter	6kg	Rawl Anchors (pack of 100)	Stainless steel

Our delivery promise

We guarantee your order will be shipped on time, every time. That's the Blue Diamond difference.

V1.05.24

Get in touch

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Technical Specification

Chemical resistant: Yes

Dry area: Yes

Wet area: Yes

Oily and greasy area: Yes

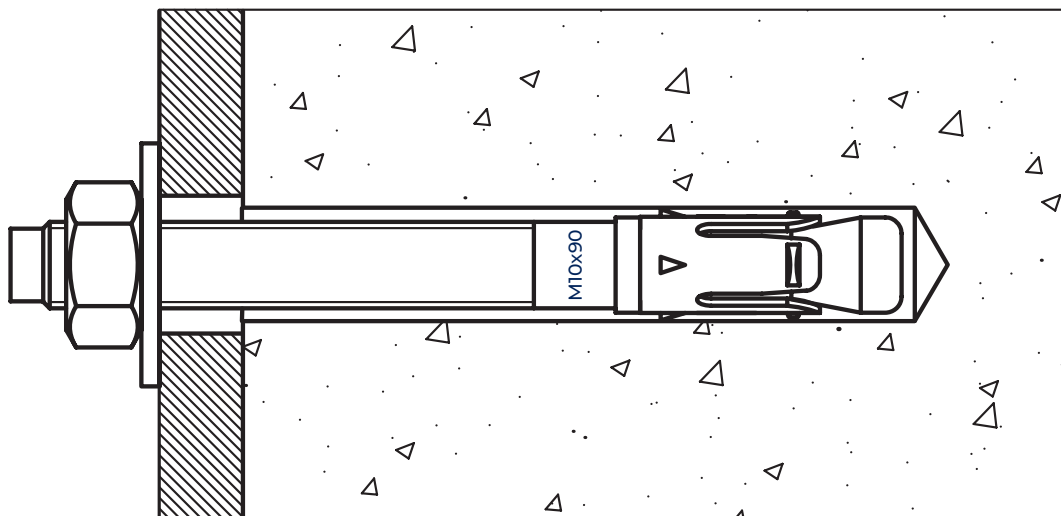
Heavy area: Yes

Product testing:

- ◆ European Technical Assessment ETA 12/0397
- ◆ Fire Resistance R30-I20
- ◆ Design load range
 - ◆ From 5,6 to 32,8 kN (Non-cracked)
 - ◆ From 3,9 to 23,0 kN (Cracked)
- ◆ Assessments
 - ◆ Option 1 (Cracked or non-cracked concrete)
 - ◆ Seismic C1 M8÷M20
 - ◆ Seismic C2 M10, M12 and M20

Installation Guide

Installation drawing



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Tools needed

- ◆ Hammer drill
- ◆ Concrete drill bits
- ◆ Blow pump
- ◆ Cleaning brush
- ◆ Hammering tool
- ◆ Torque wrench
- ◆ Hexagonal socket

Installation process

- ◆ Ensure the concrete base is well-compacted and has minimal porosity. Our bolt anchor is suitable for dry, wet, and flooded drill holes. Set the drill to hammer mode and drill to the required diameter and depth.
- ◆ Using the blow pump and brush, clean the drill hole completely of dust and fragments.
- ◆ Insert the anchor in the hole until the blue ring mark is flat with concrete surface, using a hammering tool if needed.
- ◆ Add the profile, then washer and bolt, and using the torque wrench tighten the bolt. Once installed, the fixings total length can be verified by the letter on the bolt tip.

