

TECHNICAL DATA SHEET - EXPANSION SHELL ROCK ANCHOR B15

DESCRIPTION

Expansion shell (Rock Anchor B15) is an expansion anchor designed for temporary fixation for up to 6 months. It is primarily used for single-sided anchoring of form ties in concrete or rock, but can also be used to secure other construction site equipment, such as scaffolding, temporary railings, or fixtures into concrete or rock substrates.

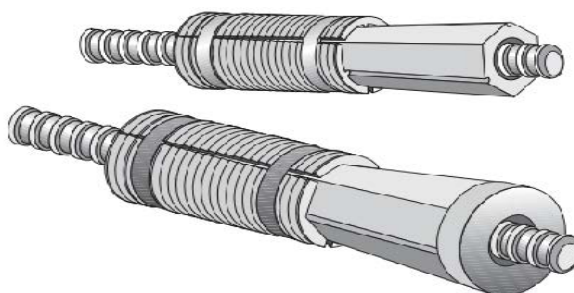


APPLICATIONS

- Single-sided formwork systems
- Casting against rock or existing concrete
- Projects where through-hole installation is not possible

PRODUCT RANGE

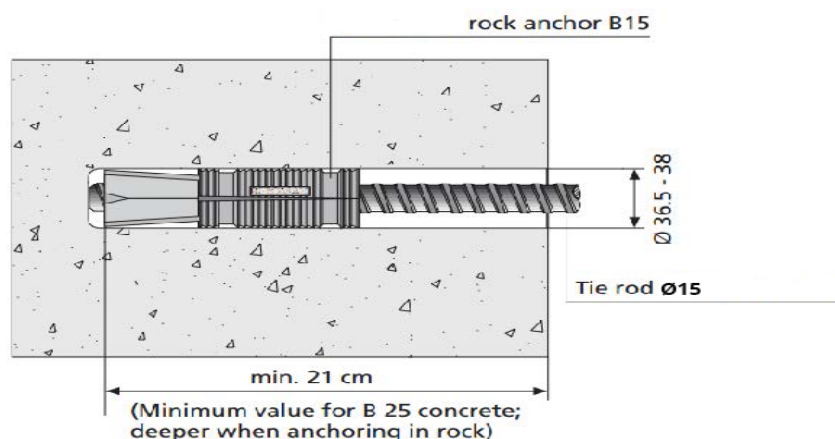
| Item.nr | Name | Bar Ø (mm) | Bore-hole (mm) | Min. drill-depth /min anchor-depth (mm) | Min. c/c (mm) | Min. edge clearance (mm) | Design load noncracked C20/25 concrete (kN) | Design load cracked C20/25 concrete (kN) |
|---------|--|------------|--------------------------|---|---------------|--------------------------|---|--|
| 1092043 | Betong/Bergförankring (Rock Anchor B15 Ø15 Borr 36,5-38MM) | 15 | 36,5-38 (use 37mm drill) | 210/160 | 825 | 412,5 | 102 | 73 |



ENVIRONMENTAL & SUSTAINABILITY



BVB ID
126592



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INSTALLATION

1. IMPORTANT: The hole should be drilled using a rotary percussive drill only and then blown clean using compressed air.
2. The hole diameter should be controlled to fall within the stated tolerance range of the Expansion Shell being used.
3. Screw the threadbar fully into the conical part of the Expansion Shell as shown above.
4. IMPORTANT: If the Expansion Shell is fitted with a temporary plastic collar, it should be removed before insertion into the hole.
5. Before installation, orientate the Expansion Shell as shown on the drawing below to avoid the risk of spalling.
6. After installation the Expansion Shell should be locked by rotating the bar clockwise to "activate" the two half shells.
7. IMPORTANT: Do not over tighten the bar.

