

ROCBOLT Self-drilling Hollow Bar Anchor System



Features

- Fast drilling and placing due to drilling, anchor installation and grouting in a single operation
- Neither separate anchor installation nor removal of casing and drill rods
- Similar installation methods for all ground conditions
- Choice of drill bits for different ground conditions
- Hollow core not only serves for flushing with air or water during drilling, but also for grouting the anchor tendon
- Flexibility in length by using couplers
- Ability to work with small drill rigs without casing in restricted headroom conditions
- Accommodation of needs for enhanced protection against corrosion upon request
- High standard of quality control from production stage to the installation of the ROCBOLT Self-drilling Hollow Bar Anchor ensures consistent quality
- Advantageous in all applications where normally cased drilling is required
- Allows for anchoring in both cohesive and non-cohesive ground, even under limited space conditions.

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Technical Data					
Outer Diameter, mm	R25N	R32S	R38N	R51N	T76S
Inner Diameter, Average, mm	14	17,5	21	33	45
Cross Sectional Area, Average, mm ²	292	440	770	993	2400
Ultimate Load*, kN	200	360	500	800	1900
Yield Load*, kN	150	280	400	630	1500
Tensile Strength**, Average, MPa	690	690	650	750	760
Yield Strength**, Average, MPa	520	540	520	590	690
Weight, kg/m	2.3	4.1	4.8	7.6	19.0
Delivery Lengths, m	3				

* Ultimate and Yield Load capacity are measured values. ** Tensile and Yield Strength are calculated average values.

Notes

- Minimum order quantities may apply to this product
- Only ROCBOLT Technologies South Africa components should be used to enable the full performance of the bolt system to be obtained.