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The Water-Powered  
Down-The-Hole Hammer

made in USA

**WAI 40**



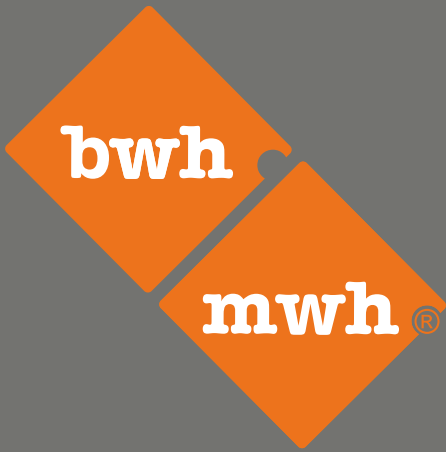
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**BWH Bohrwerkzeuge Hoffmann**

Technik für den Spezialtiefbau.

**BWH Bohrwerkzeuge Hoffmann GmbH & Co. KG**



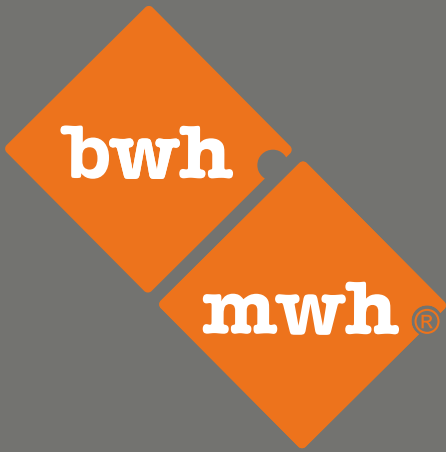
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- Excellent drilling speed
- Long lifetime
- Extraordinary drilling stability, small drilling deviations
- Environmentally friendly, operation only with water (no oil etc.)
- Significant reduction of energy consumption
- No dust formation, therefore preferred use in tunnel construction or in urban areas
- Different drill bit design available, adapted to the geological conditions
- Fast availability of hammers and spare parts
- Low spare part costs
- Technical support





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## Technical data

- Standard drilling bit  $\varnothing$  115 mm - 127 mm
- Working pressure: 60 - 180 bar (900 - 2610 psi)
- Required amount of water (hammer new): 130 - 220 l/min
- Required amount of water (hammer used): 210 - 360 l/min
- Impact frequency: up to 3900 impacts/min
- Feed force (formation-related): 8000 - 20000 N
- Rotation speed: 50 - 90 rpm
- Torque (formation-related): 1000 - 2000 Nm

## Dimensions

- Length: 1185 mm
- Diameter: 111 mm
- Weight: 56,5 kg

