

BionicSDS-PLUSHAMMER DRILL BIT

CERTIFIED & SAFE: WITH THE PGM SEAL



Heller's products can display the certificate of the independent Prüfungsgemeinschaft Mauerbohrer e.V. (PGM - Masonry Drill Bit Testing Association), which defines the highest requirements for a safe drill hole – anchor combination. The PGM uses monitoring and testing procedures to ensure that users are only offered drills which are coordinated for use with approved anchors. Only a few authorised dealers worldwide are entitled to exhibit this seal, which every user of hammer or percussion drills has undoubtedly seen before. Drills with this symbol uphold what many others promise: Geometrically accurate holes that offer maximum purchase of the anchor and maximum safety for the user.

USER-PROTECTION THROUGH VIBRATION MONITORING



Heller is the first manufacturer specialising exclusively in drill bits to test its products in an independent institute for the adverse effects of drilling vibration. If a rotary hammer is integral to the application, it can be expected that so-called "hand-arm vibration" could have some form of long term effect on the users health. The "EU Vibration Directive 2002/44/EC" aims to help, in that it stipulates the maximum vibration to which users may be exposed. Low-vibration power tools are called for in addition to low-vibration techniques – but low-quality drill bits can also have an adverse effect. Low cost, poorly designed drill bits can reserve the effect of low vibration power tools. Heller drill bits demonstrated optimal effectiveness and extremely low vibration in the practical tests. In fact, they even distinctly reduced vibration.

QUALITY FOR PROFESSIONALS



Fast & effective – not only in concrete!

Bionic

HAMMER DRILL BIT

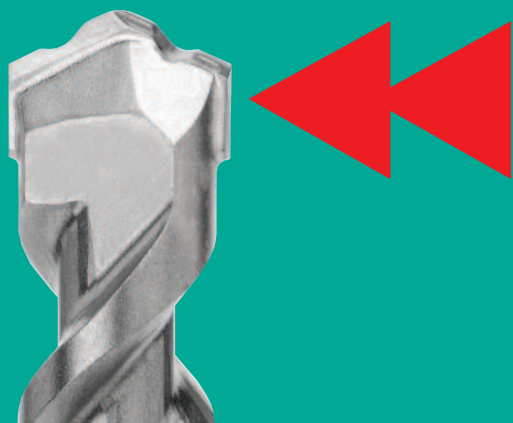
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INNOVATION

Bionic PC

CUTTING EDGE

The Bionic PC-cutting edge (power concentration) for particularly DEMANDING challenges, sizes above 12 mm drill bit diameter have new and improved tips. Thanks to the inserted tip and aggressive cutting outline, even the most demanding of drilling applications through concrete and reinforced concrete is not a problem. The Bionic PC-cutting edge for optimized performance in hard materials. Rely on the Bionic even when drilling into rebar.



DEALER'S ADDRESS

heller

get a bit more

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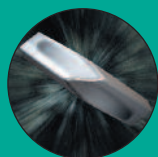
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Bionic SDS-PLUS HAMMER DRILL BIT

WE ARE ALWAYS IMPROVING ON OUR BEST.

SOLID REASONS FOR CHOOSING THE HELLER BIONIC SDS-PLUS HAMMER DRILL BIT

- ▶ High speed and aggressive performance!
- ▶ Maximum service life!
- ▶ Ideal drilling performance and perfect centring!
- ▶ Suitable for drilling through concrete reinforcement!
- ▶ Quiet, minimal vibration drilling process!
- ▶ Minimal degree of wear and tear of cutting edge and spiral!
- ▶ Optimal removal of drilling dust!
- ▶ No blow out effect!
- ▶ Ideal impact energy performance!
- ▶ Minimum susceptibility to breakage!
- ▶ High bending flexibility!
- ▶ Can be used in all types of stone and concrete!



AGGRESSIVE & SOLID: THE BIONIC CUTTING EDGE

The Bionic cutting edge has been optimised for the most demanding applications in concrete & stone. Even reinforced concrete is not a problem for the aggressive carbide cutting edge. The biting Bionic gear-tooth profile and the lateral grinding zones ensure the quickest drilling procedure. An ideal drilling performance and perfect centring feature are ensured via the integrated double point.



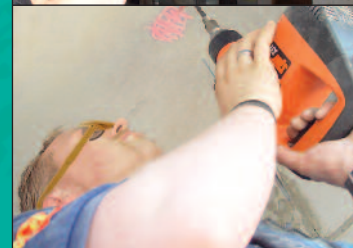
QUICK & EFFECTIVE: THANKS TO THE TWINMAX-SPIRAL

The patented Twinmax-spiral guarantees an optimal removal of drilling dust through an alternating narrow and wide rear. The highest drilling speed through optimal impact energy performance is a result of the computer-aided Twinmax design. In addition, the Bionic bits can excel during drilling runs that are quiet and have minimum vibration.



HARD, BUT FLEXIBLE: THROUGH HST-CURING

The special HST-curing process ensures an ideal surface texture: The Bionic shows only a minimum susceptibility of breakage under the most demanding applications – even when impacting with reinforced concrete. It is ideal for even long bits: The HST curing process simultaneously guarantees a high bending flexibility without the risk of breakage.



Concrete	★★★
Reinforcement	★★
YTONG	★★★
Granite	★★
Limestone	★★★
Clinker	★★★
Gas concrete	★★★
Marble	★★
Brickwork	★★★
Stone	★★★
Sizes:	
Diameter	4.0 mm - 26.0 mm
Total length	110 mm - 1400 mm



CONTROLLED & RELIABLE: THE BIONIC QUALITY

Product safety and user protection are of paramount importance to Heller. This maxim is expressed by the quality and utmost reliability of products for practical drilling. Heller emphasises the convincing quality of its products under the label "Quality for Professionals". The certified and externally monitored manufacturing process ensures adherence to the most stringent safety requirements. The exclusive use of selected high-grade steel and tungsten carbide, coordinated with highly automated, computer-controlled production plants ensures the highest technological standard and highest service life of Heller drills.