

X5L: **Raising the bar** for hammer drilling.



NEW! The extremely robust SDS-plus X5L hammer drill bit with exceptionally long lifetime.



BOSCH
Invented for life

Five innovations

in one strong drill bit.

The SDS-plus X5L* hammer drill bit is extremely robust thanks to its solid tungsten carbide head with four-cutter geometry – even when used with the latest generation of 3-joule rotary hammers.

New: Wear mark

- ▶ Check indicator for guaranteeing accurate hole diameters

New: Conical centring tip

- ▶ Optimum guidance when drilling
- ▶ Accurate hole diameters, even after drilling twice as many holes as with a standard two-cutter

New: Specially designed cutting edge

- ▶ Deep penetration with every impact in concrete and concrete with rebar
- ▶ Constantly high drilling speed

*X = solid tungsten carbide head in X-shape, 5 = 5 performance benefits, L = Long life



New: Stress-optimised flute surface and geometry

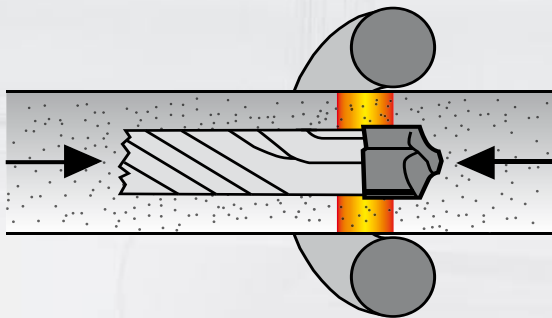
- ▶ High power transfer
- ▶ Exceptionally long life due to avoidance of high stress zones
- ▶ Constantly high drilling speed in concrete and concrete with rebar
- ▶ Fast drilling dust removal
- ▶ Considerably reduced clogging when drilling

New: Solid tungsten carbide head with four-cutter geometry

- ▶ Exceptionally long lifetime in concrete and concrete with rebar
- ▶ Constantly high drilling speed
- ▶ Virtually no risk of jamming in concrete
- ▶ Low vibration, smooth drilling action
- ▶ Ideal for use with the latest generation of 3-joule rotary hammers

Innovative production technology for top performance.

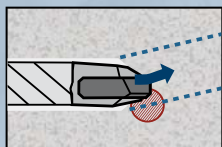
New diffusion bonding technology



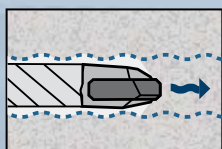
The new diffusion bonding technology ensures an exceptionally strong join between the solid tungsten carbide head and the drill bit flute. The inert gas used in the process prevents oxidation.

The result is an extremely stable solid tungsten carbide head. This leads to exceptionally long lifetime of the X5L hammer drill bit, even when used with the latest generation of high-performance hammers.

Standard two-cutter



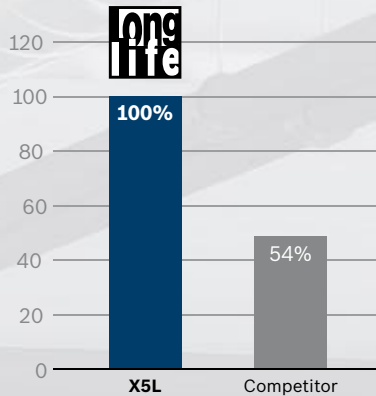
High risk of jamming in concrete with rebar. More difficult to place a fixing due to angled drill hole.



Unsteady drilling action leads to inaccurate hole diameters.

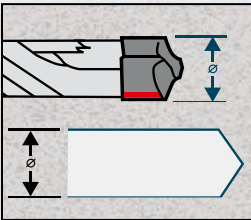


X5L: Extremely robust and exceptionally durable in concrete and concrete with rebar



Source: Product test, independent test institute

SDS-plus X5L

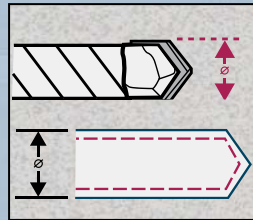


The innovative wear mark helps you to check the continued accuracy of drill hole diameters.



Secure fitting of fixings, even after drilling twice as many holes as with a standard two-cutter.

Standard



Inaccurate hole diameters due to the tungsten carbide head being worn down.

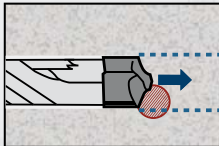
Severe reduction of drill hole diameter.

Drill hole diameter:
 — X5L
 — Standard

Accurate holes

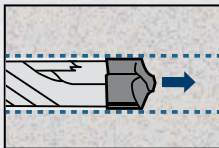
in concrete with rebar.

SDS-plus X5L with solid tungsten carbide head and four-cutter geometry



Specially shaped side cutters support the main cutter when drilling.

Conical centring tip for optimum guidance in the drill hole, even when cutting through rebar.*



Especially strong cutting edges break the concrete into many small parts. The four-cutter geometry ensures an accurate drilling action.

Optimised flute surface and geometry for fast drilling dust removal and high power transfer.

- ▶ Exceptionally long lifetime
- ▶ Constantly high drilling speed
- ▶ Virtually no risk of jamming in concrete with rebar
- ▶ Fatigue-free drilling thanks to low vibration
- ▶ Secure fitting of fixings

* Only cut through reinforcement if approval has been issued by a building stress analyst.



The X5L SDS-plus hammer drill bits are available in the following sizes:

- ▶ Diameter of 5 to 12 mm
- ▶ Overall length of up to 465 mm

Robert Bosch Limited

Power Tools Division

PO Box 98, Uxbridge,

Middlesex, UB9 5HJ

www.boschpowertools.co.uk

www.bosch-pt.com



BOSCH

Invented for life