

**Garant****Carbide-tipped hammer drill SDS-plus, Ø×overall length: 12X450mm****Order data**

Order number	789010 12X450
GTIN	4062406262853
Item class	71C

**Description****Version:**

The distinctive and aggressive centre point permits active centring and optimum guidance during the drilling operation. Innovative head design with short straight lands for significantly faster drilling coupled with significantly improved stability, even in reinforced concrete. Vibration-optimised helical profile with reinforced core. The core diameter and the helix pitch of the drill are precisely matched to each other and ensure efficient transmission of force from the hammer drill to the carbide tip.

**Advantage:**

- **Short helical lands and concave rake faces (scooping effect) ensure smooth evacuation of the drilling dust.**
- **Wear marks: for evaluation whether the tool is still suitable for drilling holes suitable for insertion of plugs.**
- **Additional specially shaped core cutting edges: efficient fragmentation of concrete.**

**Application:**

For drilling concrete, natural stone, and masonry - with very high drilling comfort.

**Note:**

When using extra long drills (> 500 mm), first drill a pilot hole with a shorter drill of the same diameter (prevents bending and breakage).

**Technical description**

Flute length	400 mm
Ø	12 mm
overall length	450 mm
Number of cutting edges Z	2

Tool material	Carbide
Use with impact / without impact	Impact drilling
Shank	SDS Plus
Type of product	Masonry drill