A guide to drill bits – the right drill bit for any occasion

Procedure:

Useful information about drill bit selection

You have to choose different drill bits and drilling methods depending on the material you want to work on.

1. Drilling in metal: HSS drill bits with a partially ground tip are suitable for non-ferrous metals. These include aluminium, copper, brass, zinc, iron and non-alloyed steel.

2. Drilling in wood: Brad point drill bits have a long centring tip with two pre-cutting spurs. These spurs score the wood fibres; the internal cutting edges then cut them out cleanly. Forstner drill bits, hardware drill bits or hinge cutting bits are usually used for larger drill bit diameters; there are auger bits for deep holes in wood.

3. Drilling in concrete: Masonry made of clinker, brick or concrete requires an impact drill or a rotary hammer to be used. However, if the wall consists of perforated stones with porous material, only rotary drilling is performed (i.e. without impact). The same applies to porous bricks and boarded walls. A masonry drill bit is required for all work in these materials. It has soldered-in tungsten-carbide plates on the drill bit tip.

Bosch does not accept any responsibility for the instructions stored here. Bosch would also like to point out that you follow these instructions at your own risk. For your own safety, please take all the necessary precautions.