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04/2009

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## The LEUCO-Solid Carbide Drill Bit for easy drilling in hard materials

01

Inhalt / Content

The LEUCO solid carbide drill bit stands for easiest cutting and perfect removal of chips. It is the perfect tool for all hard materials and applications, where low cutting pressure is required.

### Application

I For both, blind holes and through holes in almost every material. Perfectly suited for all hard materials, deep drillings, composite materials, honeycomb panels.

### Design

- I patented drill point design for easy drilling
- I solid carbide body
- I optimized gullet design for improved chip removal
- I spiral with back guide

### Advantages

- I very low cutting force – depending on application approx. 1/5 of a standard drill bit, thus no chipping on bottom side
- I perfect chip removal
- I optimal compensation of vibrations thanks to the solid carbide body
- I perfect guidance of drill bit, even in panels with light and loose core
- I no or little heating up of workpiece and tool

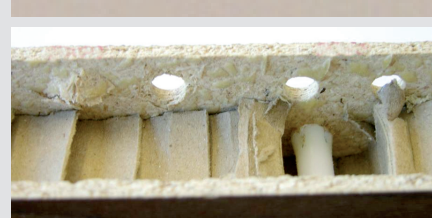
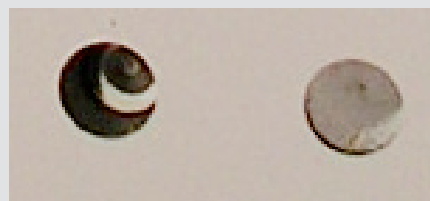
### Dimensions

description	Ø D [mm]	Ø d [mm]	L [mm]	rotating direction [left]	rotation direction [right]
Solid Carbide Drill Bit	5	10	57,5	182815	182814
Solid Carbide Drill Bit	8	10	57,5	182819	182818
Solid Carbide Drill Bit	5	10	70	182825	182824
Solid Carbide Drill Bit	6	10	70	182827	182826
Solid Carbide Drill Bit	8	10	70	184754	184753

Bildmaterial / Imagery



The LEUCO-Solid Carbide Drill Bit



Comparison of Drill Bits  
left: Standard Drill Bit  
right: LEUCO-Solid Carbide Drill Bit