

Diamond Core Drill DK 116

*For socket drilling up to 82 mm
Adapter for dust exhausting
Integrated springy Centering Spike*



*Overload clutch
Motor protection and soft start
by means of Intellitronic*

Technical Data:	Type	DK 116
Nominal Power	W	1600
Output Power	W	1100
Rated Speed	1/min	1500
Total Length	mm	420
Weight without cord	kg	5,0
Drilling Ø in masonry (dry) approx.	mm	50 - 82
Tool Fixture		M 16
Mounting Neck Ø	mm	60

The diamond core drill DK 116 is a dry drilling machine for creating drill holes for installation sockets in the electrical industry.

The machine distinguishes itself especially by the practical design. The DK 116 can be fixed very easily on the surface by the springy centering spike, which is integrated in the spindle, thereby the start drilling can be done safely and exactly.

An additional power expense, which occurs on centering with a centering drill, is on the DK 116 not required. Further more the centering spike pushes the core, if it breaks, out of the cored bit while this jams in the core bit on design with center drills and can only be removed very hardly.

The centering spike is hardened and can be exchanged separately when worn out. The center sleeve is tempered and thus fulfills the demands for a long life cycle.

The adapting sleeve for the dust exhausting can be moved axially for a few millimeters, so that an air gap to the drill bit, as small as possible, arises. Radially the sleeve can be moved 300°. The sleeve is fixed by the clamping ring of the handle.

Standard drill bits, which are not prepared for a dust exhausting, as well as drill bits with axial apertures for the dust exhausting can be used.

Besides the high efficiency which is accustomed with WEKA, this machine shows following features.

Oil bath lubrication - Optimal gear lubrication for high efficiency and durability.

Overload clutch - protects operator, machine and tool against high mechanical overloads.
An indispensable safety element for hand operated core drills.

Intellitronic - the new electronic system starts the motor by means of a micro controller softly and thus avoids a too high start current.

When exceeding the over current threshold the electronic is showing this by a pulsating of the motor. If the operator now decreases the feed power, the motor works normal again. If the operator does not decrease the feed power the electronic switches the motor off after some seconds. After this action the motor can be started immediately. It is not required to wait a time period before starting again like on a thermal motor overload switch.

Thus the Intellitronic avoids overload conditions and increases safety, the operators comfort and the motors life time.

Leveling assistance - By two integrated levels an exact horizontal and vertical working positioning is possible.

WEKA and Environment - WEKA electric tools are mainly made of steel and aluminum. WEKA electric tools are very durable. Scrap-mature machines will be taken to pieces completely and separated materially. Moreover the machines are up to 90% recyclable.

The DK 116 is supplied with a complete tool set in a practical suitcase in which there is still room for a few drill bits.

Electrical Safety - WEKA diamond core drills correspond to the newest European regulations. The most important features are double insulation with an additional ground wire, that protects most of all against external voltage - drilling into a live line - and a residual-current-operated protective device (RCD) in the cord.

Threefold electrical protection - safety insulation + earth wire + protective switch

WEKA Elektrowerkzeuge

Auf der Höhe 20, D 75387 Neubulach - Altbulach

Telephone: +49 7053 96816-0 · Telefax: +49 7053 3138

Internet: <http://www.weka-elektrowerkzeuge.de> · Email: weka@weka-elektrowerkzeuge.de