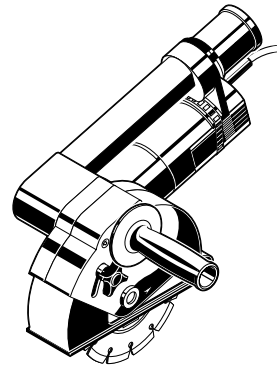




# HEAVY-DUTY ELECTRIC TOOLS

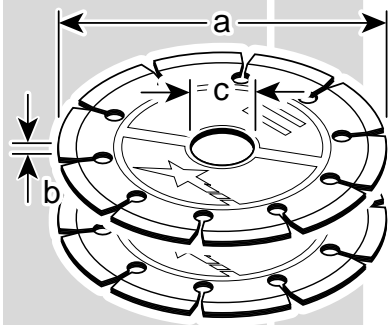





## WCE 30

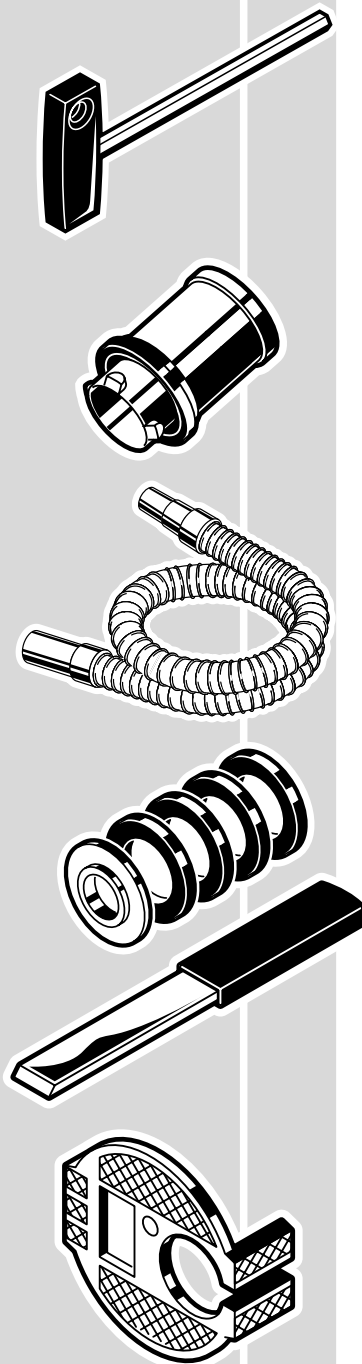


- (GB) Instruction for use**  
Please read and save these instruction
- (D) Gebrauchsanleitung**  
Bitte lesen und aufbewahren
- (F) Instruction d'utilisation**  
Prière de lire et de conserver
- (I) Istruzioni d'uso**  
Si prega di leggere le istruzioni e di conservarle
- (E) Instrucciones de uso**  
Lea y conserve estas instrucciones por favor
- (P) Instruções de serviço**  
Por favor leia e conserve em seu poder
- (NL) Gebruiksaanwijzing**  
Lees en let goed op deze advizen

- (DK) Brugsanvisning**  
Vær venligt at læse og opbevare
- (N) Bruksanvisning**  
Vennligst les og ta godt vare på denne informasjonen
- (S) Bruksanvisning**  
Var god läs och tag tillvara dessa instruktioner
- (FIN) Käyttöohje**  
Lue ja säilytö
- (TR) Kullanım kılavuzu**  
Lütfen okuyun ve saklayın
- (RUS) Инструкция по эксплуатации**  
Пожалуйста, прочтите и сохраните данную инструкцию



a (mm)	b (mm)	c (mm)	 m/sec			WCE 30	Id.-No. 4932-	
125	2,5	22,2	80	●		●	3346 76	
150	2,5	22,2	80	●			3671 27	
125	2,5	22,2	80		●	●	3346 77	
150	2,5	22,2	80		●		3671 26	
							●	3671 99
							●	3627 78
							●	3347 04
							●	3627 77
							●	3628 07
							●	3293 97



## Introduction

You demand the best and buy quality - quality provided by Milwaukee. We have built for you a reliable and lasting tool. Working effectively and without endangering your health is only possible if this instruction for use is read carefully before first using the tool. We want to satisfy our customers and would like you to buy again **Electric Power Tools from Milwaukee.**

## Technical Data

Type	(110 V) WCE 30	WCE 30
Nominal power (W)	1300	1500
No-load speed (min <sup>-1</sup> )	9500	9500
Grinding disk diameter (mm)	125	125
Cutting depth (mm)	8-30	8-30
Cutting width (mm)		
with standard set of distance plates	15-26	15-26
with special set of distance plates	6-14	6-14
Weight (kg)	3.8	3.8
Smooth start	●	●
No-load speed limiter	●	●
Overload protection	●	●
Infinitely variable cutting width adjustment	●	●

## Safety advice

- Please pay attention to the safety instructions in the attached leaflet!
- Do not pierce the motor housing as this could damage the double insulation (use adhesives).
- Always pull the plug from the mains before making any settings or carrying out maintenance.
- Only plug-in when machine is switched off.
- Keep mains lead clear from working range of the machine. Always lead the cable away behind you.
- Before use check machine, cable, and plug for any damages or material fatigue. Repairs should only be carried out by authorised service agents.
- After switching off, the machine will not be idle immediately. (After-running of the work spindle.) Allow the machine to come to a stop before putting down.
- Never reach into the danger area of the machine when it is running.
- Always wear safety goggles and ear protectors when working with this machine. It is further recommended to wear safety gloves, apron, as well as sturdy non-slipping shoes.
- Always keep a safe footing and hold machine with both hands.
- Always use the protective shields on the machine.
- Always use the additional handle.
- Only use the machine with a suitable dust-remover!
- Immediately switch off the machine in case of considerable vibrations or if other malfunctions occur. Check the machine in order to find out the cause.
- Only use and store diamond cutting discs according to the manufacturer's instructions.
- Only use sharpened and flawless diamond cutting discs. Immediately exchange bent or cracked diamond cutting discs. Carry out a test run without load for at least 30 seconds.
- Only use tools whose permitted speed is at least as high as the highest no-load speed of the machine.

<p><b>Measured sound value</b></p> <p><b>Measured vibration value</b></p>	<ul style="list-style-type: none"> <li>■ Pay attention to the dimensions of the cutting discs. The diameter of the centre hole must fit the flange without play. Do not use any reduction pieces or adapters.</li> <li>■ Only use the machine for dry cutting in stone.</li> <li>■ Mind hidden electric lines, gas and water pipes. Check your working area, e.g. with a metal detector.</li> </ul>	<p>Measured values determined according to EN 50 144.</p> <p>Typically the A-weighted noise levels of the tool are:  Sound pressure level = 86 dB (A).  Sound power level = 99 dB (A).  Wear ear protectors!</p> <p>Typically the hand-arm vibration is below 2.5 m/s<sup>2</sup>.</p>
<p><b>Usage</b></p>		<p>The wall-chaser machine cuts slots for cables and pipes (masonry grooves) in any kind of brickwork with two diamond cutting discs running parallel to each other.</p> <p>The infinitely variable cutting width adjustment has the advantage that if the cutting width was set correctly, the pipes or similar fit the slot exactly. They do not have to be additionally secured with nails etc. against falling out.</p> <p>Do not use this product in any other way as stated for normal use.</p>
<p><b>Mains connection</b></p>		<p>Connect only to a single-phase AC current supply and only to the mains voltage specified on the rating plate. Connection to sockets without earth protection is possible as the appliance features protective insulation to DIN 57 740/ VDE 0740 and CEE 20. Radio suppression complies with the European standard EN 55014.</p> <p>When fitting the plug, make sure that the brown (live) wire of this appliance is connected to the plug terminal marked L or coloured red, and the blue (neutral) wire of this appliance is connected to the plug terminal marked N or coloured black. Under no circumstances must the wires of this appliance be connected to the earth terminal of the plug marked either E, with the earth symbol, or coloured green or green/yellow.</p>
<p><b>Electronics</b></p>		<p>The speed of rotation is adjusted electronically when the load increases.</p> <p>In case of a longer overload period the speed is decreased electronically. The machine continues to run slowly to cool down the motor coil. After switching off and on the machine can be used at rated load.</p> <p>The duration of cooling-down period depends on the grade of overload.</p> <p>Under the effect of extreme electromagnetic interferences from the outside, temporary variations in the speed of rotation could arise in particular cases.</p>
<p><b>Smooth start</b></p>		<p>The electronic smooth start will prolong the life of both the motor and the gears. Therefore do not run the machine under load for 2 sec. after switching on.</p>
<p><b>ENGLISH</b></p>	<p>4</p>	<p>WCE 30</p>

**Brief description**

On/Off switch with locking device

Spindle lock

Direction of rotation arrow

Infinitely variable cutting width adjustment 15-26 mm. Cutting width adjustment 6-14 mm with set of distance plates (special accessory).

Infinitely variable cutting depth adjustment with movable supporting table.

No-load speed limit for low-noise operation

Electronic speed adjustment ensures constant speed even when the load on the motor varies.

Suction channel/Handle

Additional side handle

Depth gauge

Suction cover

Protective cap

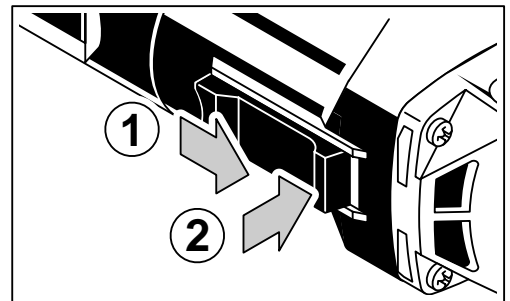
Suction adapter

Working tool

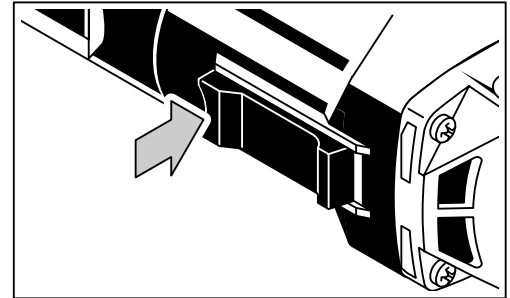
**Modifications:** Text, diagrams and data are correct at the time of printing. In the interest of continuous improvement of our products, technical specifications are subject to alteration without prior notice.

## Switching on and off

**Switching on:** Push the sliding switch forward. To lock, depress the front part of the switch.



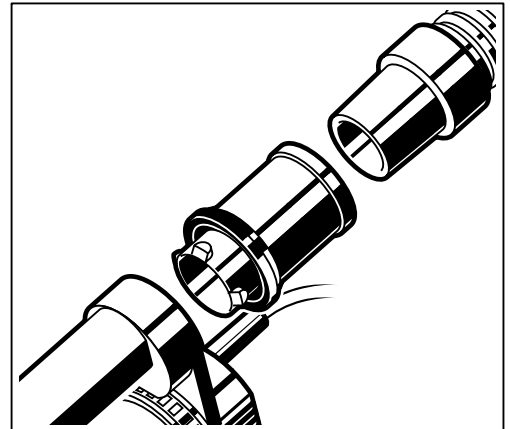
**Switching off:** To unlock, depress the back part of the sliding switch. The switch will automatically move back to “O”.



## Dust extraction

Only use the machine with a suitable dust-remover!

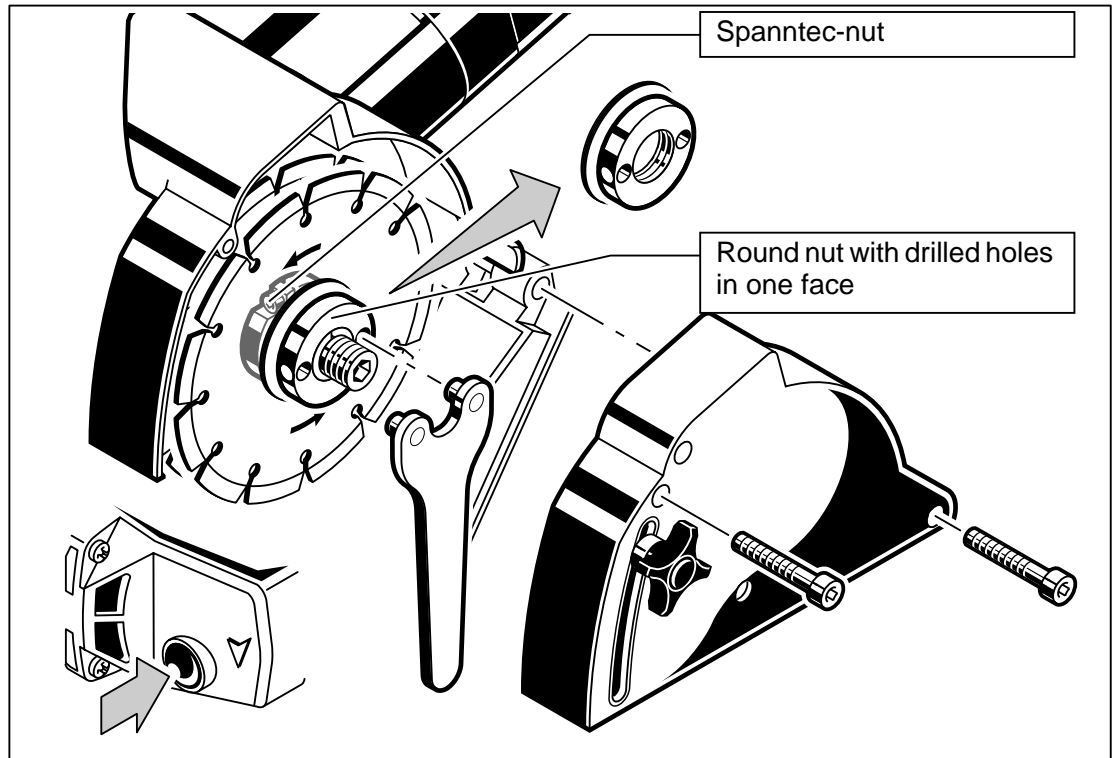
Insert the suction hose connector into the adapter until it sits firmly. Connect the other end of the suction hose to a vacuum cleaner which is suited for dust extraction.



## Exchanging the diamond cutting discs

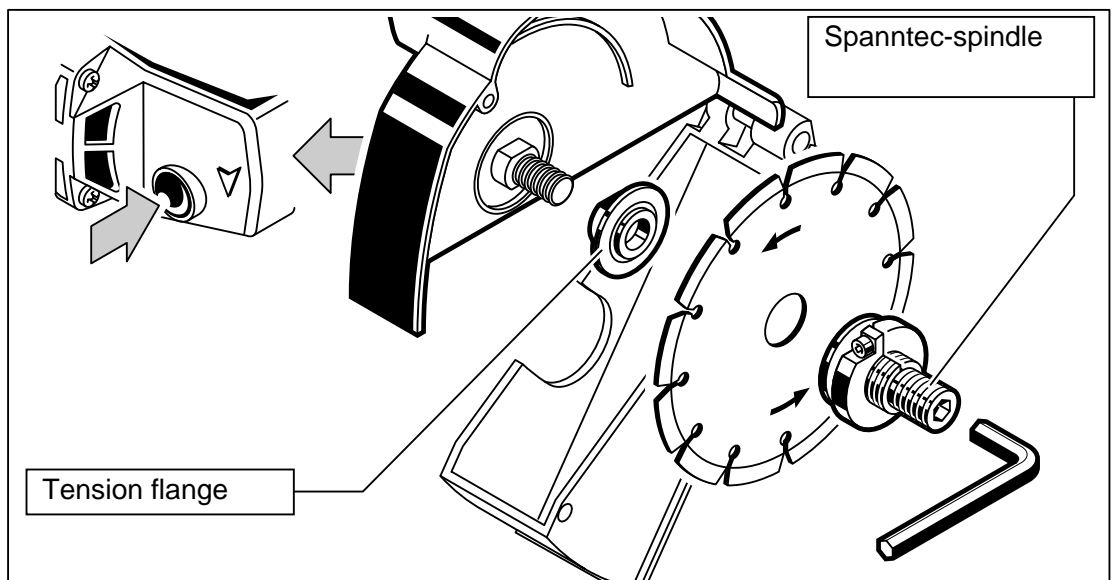


Always disconnect the plug from the socket before carrying out any work on the machine.



### Disassembly

1. Loosen the screws and remove the protective cover.
2. Lock the work spindle by depressing the spindle lock. Open the round nut of the upper cutting disc with aid of a pin-type face spanner and remove it. Remove the upper cutting disc.
3. Lock the work spindle by depressing the spindle lock. Remove the Spanntec-spindle with aid of the Allen key and remove the back cutting disc.



### Assembly

1. Insert the tension flange.
2. Assemble the machine in reverse order.



Arrow on diamond cutting discs must agree with arrow on protective hood cover-direction of rotation.

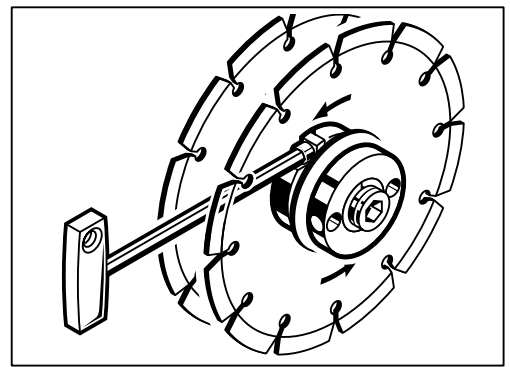
## Setting the cutting width

### Spanntec

Loosen the Allen screw of the Spanntec-nut with the T-key (to stop).

Move the outer diamond cutting disc to the required cutting width.

To lock it in the required position fasten the Allen screw tightly.




## Set of distance plates (special accessory)

1. Loosen the screw and open and remove the protective cover.
2. Lock the work spindle by depressing the spindle lock. Open the round nut of the upper cutting disc with aid of a pin-type face spanner and remove it. Remove the upper cutting disc.


3. Loosen the Allen screw with the T-key and remove the Spanntec-nut.
4. Fit the diamond cutting disc to the collar of the reduction ring and push it together with the distance plates over the Spanntec-spindle. The collar of the reduction ring must face outside.

5. Screw down the Spanntec nut on the Spanntec-spindle and the round nut on the Spanntec-nut.

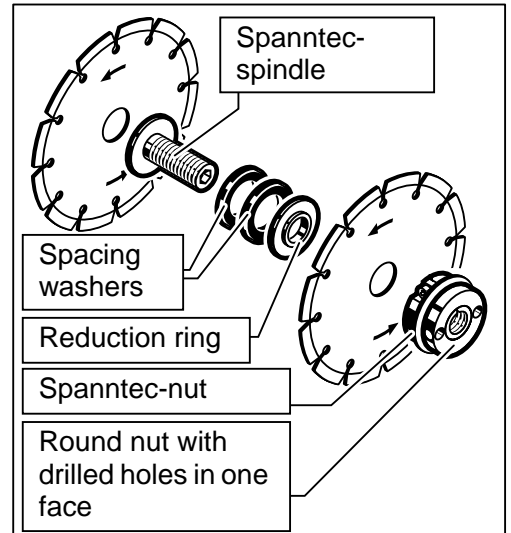
6. Fasten the Spanntec-nut with aid of the spanner (to steady depress the spindle lock).

 The number of the distance plates between the diamond cutting discs determines the cutting width. Without distance plates (only with reduction ring) the cutting width is 6 mm. The set of distance plates contains the following distance plates:

1 Spacing washer	1 mm
2 Spacing washers	2 mm
1 Spacing washer	3 mm


 Arrow on diamond cutting discs must agree with arrow on protective hood cover-direction of rotation.


7. Reassemble the tool (see above).

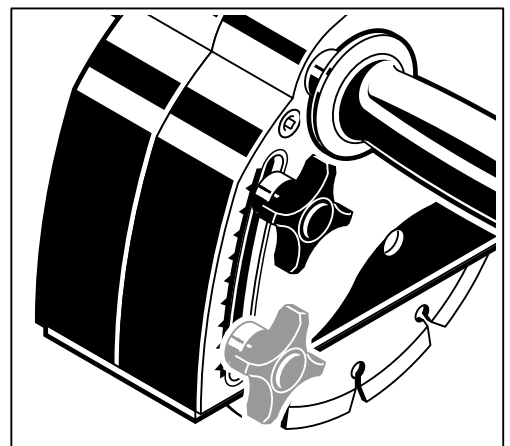


## Setting the cutting depth

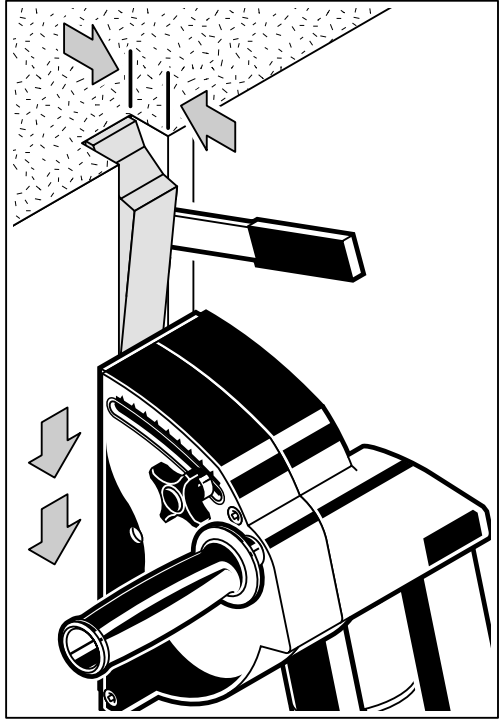
Loosen the wing nut and set the depth gauge to the required depth. Loosen the wing nut and set the depth gauge to the required depth.

 The cutting depth gets less as the diamond cutting discs wear down.

 In order to prevent edges from the remaining cut strip breaking out, set the cutting depth slightly deeper.





<p><b>Advices for operation</b></p>	<p>⚠ Only use the machine for dry cutting in stone.</p> <p>⚠ Mind hidden electric lines, gas and water pipes. Check your working area, e.g. with a metal detector.</p> <ol style="list-style-type: none"> <li>1. Pre-select the cutting depth and width.</li> <li>2. Switch the machine on.</li> <li>3. Set the machine with the front edge of the cutting support touching the masonry and lower it gently in until the cutting support lies flush.</li> <li>4. Cut the masonry groove by pulling the machine towards you (in direction of arrow in illustration), guiding the machine with both hands. Only cut straight lines radii are not possible.</li> </ol> <p>👉 Always use the additional handle.</p> <p>👉 When cutting hard material, swing the machine slightly to and fro in the cut then the diamond cutting discs stay sharper longer.</p> <ol style="list-style-type: none"> <li>5. When you get to the end of the groove you are cutting, lift the machine out first and then switch off.</li> </ol> <p>⚠ After switching off, the machine will not be idle immediately. (After-running of the work spindle.) Allow the machine to come to a stop before putting down.</p> <p>⚠ The cutting discs get very hot when in use. Do not touch them before they have cooled down.</p> <ol style="list-style-type: none"> <li>6. Put the machine down and break out the remaining strip with the paring-out tool.</li> </ol>	
<p><b>Tips</b></p>	<p>The infinitely variable cutting width adjustment has the advantage that if the cutting width was set correctly, the pipes or similar fit the slot exactly. They do not have to be additionally secured with nails etc. against falling out.</p> <p>Cutting hard materials, especially concrete, requires a very high engine performance. If the feed rate is too high the load-rate motor protection slows the motor down.</p> <p>We recommend: When having to cut into the material very deeply, cut in two steps. First, cut about half the required depth, and in a second step cut the full depth.</p> <p>Blunt diamond cutting discs are recognisable by the large number of sparks that fly during work, and can be resharpened by making a number of cuts in abrasive material (e.g. plaster).</p>	
<p><b>Service</b></p>	<p>Keep the machine and the ventilation slots clean.</p> <p>Use only Milwaukee accessories and spare parts. Should components which have not been described need to be exchanged please contact one of our Milwaukee service agents (see our list of guarantee/service addresses)</p> <p>If needed, an exploded view of the tool can be ordered. Please state the ten-digit No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at: Atlas Copco Electric Tools GmbH, Postfach 320, D-71361 Winnenden.</p>	
<p><b>Accessories</b></p>	<p>Please refer to page 2 for range of accessories. Further accessories with part numbers are shown in our catalogues.</p>	
<p><b>ENGLISH</b></p>	<p>9</p>	<p>WCE 30</p>