PARKSIDE

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Z31677A

Z31677B

Z31677C

Z31677D

IAN 271115

GB IE

GB IE **User manual**

CUTTING/GRINDING DISC SET (Z31677A)
FLAP DISC SET (Z31677B)
HOOK & LOOP GRINDING PLATE (Z31677C)
SANDPAPER SET (Z31677D)

Intended use

This product is not intended for commercial use.

BEFORE FIRST USE, FAMILIARIZE YOURSELF WITH THE PRODUCT'S INSTRUCTIONS FOR USE AND SAFETY INSTRUCTIONS! IF YOU GIVE THE PRODUCT TO A THIRD PARTY, YOU MUST INCLUDE ALL DOCUMENTS. SAVE ALL SAFETY INSTRUCTIONS AND INSTRUCTIONS FOR USE FOR FUTURE REFERENCE!

Safety instructions

General safety instructions for coated grinding and buffing tools, driver pads and cup brushes

- Grinding/buffing tools are prone to breakage. Exercise extreme care when handling grinding/buffing tools.
- Check grinding/buffing tools and brushes for damages before use. Do not use any damaged tools or incorrectly assembled grinding/buffing tools or brushes.

Selecting coated grinding and buffing tools, driver pads and cup brushes for secure footing and proper use

- Heed all safety instructions belonging to the grinding/buffing tools as well as the notes on proper use or safety instructions.

Storing coated grinding and buffing tools, driver pads and cup brushes

- Handle and transport grinding/buffing tools with care.
- Store grinding/buffing tools so that they are not exposed to mechanical stress or damaging environmental factors (i.e. moisture).
- Store brushes so that they are shielded from the following:
  - high humidity, heat, water (or other liquids), acids or vapors. Also avoid low temperatures which may cause condensation to form on the brushes when they are moved to spaces with a higher temperature.
- Deformation of a brush component.

Before using coated grinding and buffing tools, driver pads and cup brushes

- Always check grinding/buffing tools for damages before use.
- Do not use any damaged grinding/buffing tools or brushes.
- Rust build-up or other signs of chemical or mechanical alteration to the fitting equipment of brushes may cause premature failure of the tool.
- Brushes and grinding/buffing tools may not be mounted to machines whose speed exceeds the maximum speed of the brush or grinding/buffing tool.

Instructions for mounting

- Following the instructions included with the grinding/buffing tool and those of the machine manufacturer to mount grinding/buffing tools and brushes.
- Make sure to use brushes and grinding/buffing tools only with devices that have an appropriate tool attachment.
- After mounting, always do a small test run. Do not exceed the maximum labeled speed of the grinding/buffing tool or brush.

Grinding/cutting operation (if applicable)

- Follow the instructions for use provided by the power tool manufacturer.
- Mount all safety attachments to the machine before use.
- Use appropriate personal safety equipment depending on the machine and type of use, such as: protect face and eye wear, ear protection, respiratory protection, safety shoes, safety gloves and any other necessary protective clothing.
- Use the grinding/buffing tool for appropriate grinding/buffing jobs only.
- For angle grinder work with hand-held grinding tools, insert the cutting tool evenly into the cutting gap. Do not tilt the hand-held machine.
- Turn off your hand-held angle grinder and allow it to stop rotating before setting it down on the ground or your workbench.

Safety instructions for all types of use

Safety instructions for grinding, grinding with sandpaper, working with wire brushes, polishing and cut-off grinding

- Do not use any equipment von expressly intended for use with and recommended by the manufacturer. The ability to successfully mount equipment to your power tool guarantees safe use in no way.
- The maximum speed of the attachment must be at least as high as that of the power tool. Running attachments at speeds that exceed their maximum rated speed may cause them to break, release from the power tool and cause injury.
- The exterior diameter and thickness of the attachment must correspond to the size requirements of your power tool. Incorrectly measured attachments cannot be sufficiently shielded or controlled.
- Buffing disks, flanges, grinding disks and other equipment must fit exactly on your power tool's reception spindle. Attachments that do not fit exactly on your power tool's reception spindle turn unevenly, vibrate heavily and may cause a loss of control.
- Do not use any damaged attachments. Before use, always check your attachments for damages. Check buffing disks for cracks and tears, grinding disks for tears or high wear, steel brushes for loose or broken wires.
- If you drop a power tool or attachment, check it for damages or use undamaged attachments. You and all people in your vicinity should keep on a different level as the rotating attachment as soon as you have mounted it.
- Wear personal protective clothing. If necessary, wear a full protective mask, eye protection or safety glasses. If necessary, wear a dust mask, ear protection, protective gloves or a protective apron to shield yourself from grinding and material particles. Safety glasses shield your eyes from airborne foreign objects that may develop during many types of work. A dust mask or respiratory protection filter dust. Extended exposure to loud noises may lead to hearing loss.
- Make sure that anyone who enters your workspace is wearing appropriate personal protective clothing. Broken pieces of the object you are working on or broken pieces from your tool attachments may fly around and cause injury even outside your direct working vicinity.
- Keep the power cable away from all rotating tool

attachments. If you lose control of the device, the power cable may be severed or caught, causing the rotating attachment to come into contact with your hand or arm.
- Allow all tool attachments to come to a complete stop before setting down your power tool. Rotating attachments may come into contact with the surface. This may cause you to lose control of the power tool, leading to injury of yourself or others.
- Turn off the power tool when carrying it about. Your clothing may otherwise become tangled up in the rotating attachment, causing personal injury.
- Do not use the power tool near flammable materials. Sparks may ignite such materials.

Kickback and related safety instructions

Kickback is a sudden reaction arising when a rotating power tool attachment, such as a grinding disk, buffing disk, wire brush, etc., snags or jams.
Kickback is the result of improper use of the power tool. Heed the following safety precautions to prevent kickback:
- Always maintain a firm grip on the power tool and use any available additional handle to better control kickback.
- **Keep your hands away from rotating tool attachments at all times.** The attachment may come into contact with your hand in case of kickback.
- **Keep your body out of the area that the power tool would enter in case of kickback.**
  In case of kickback, your power tool will jump in the direction opposite to that in which the grinding disk is moving.
- **Exercise extreme caution when working on corners, sharp edges, etc. Prevent your tool attachments from jumping back from the workpiece and jamming.** The rotating tool attachment tends to jam when working on corners, sharp edges or when it jumps back from the workpiece. This leads to loss of control or kickback.

Safety instructions for grinding and cut-off grinding

- Only use grinding wheels that are approved for use with your power tool and the proper safety cover. Grinding wheels not approved for use with your power tool may not be shielded sufficiently and are therefore unsafe for use.
- **The safety cover must be attached to the power tool and adjusted so that maximum safety is guaranteed, that is, as little of the grinding wheel as possible is open toward the operating individual.** The purpose of the safety cover is to shield the operating individual from broken pieces or accidental contact to the grinding wheel.
- **Grinding wheels may be used only for their intended purpose.** For example, never grind using the side of a cutting disk. Cutting disks are intended to cut materials using the disk edge only. Applying pressure to the side of the disk may cause it to break.
- **Always use undamaged clamping flanges of the right size and proper form for the grinding disk you've selected for use.** The right flange supports the grinding disk and thus minimizes the risk of it breaking. Flanges for cutting disks may differ from flanges for grinding disks.

Safety instructions for cut-off grinding

- **Avoid your cutting disk from blocking and do not apply too much pressure.** **Overstressing the cutting disk increases** its risk of jamming or blocking and thus the likelihood of kickback or damage to the attachment itself.
- **Avoid the area directly in front of and behind the rotating cutting disk.** When moving the cutting disk across your workpiece away from your person, the tool may be hurled in your direction in the event of kickback.
- **Turn off the device is the cutting disk jams or if you wish to interrupt working.** Hold the device calmly and allow all rotating parts to come to a complete stop. Never attempt to pull any rotating parts from the cutting site. This may cause kickback.
- **Do not turn on the device while it is still in the workpiece.** Your cutting disk should reach its full speed before you continue angle grinding. Otherwise the disk may jam, jump back from the workpiece and cause kickback.
- **Support boards and large workpieces to prevent the risk of kickback due to a jammed cutting disk.** Large workpieces may bend due to their own weight. Support large workpieces on both ends and near the cutting site.
- **Exercise extreme caution when cutting into existing walls and other areas where vision is limited.** Your cutting disk may kickback if it comes into contact with gas, water and electrical lines or other objects.

Safety instructions for grinding with sandpaper

- Heed the manufacturer's instructions for all sanding sheet sizes. Do not use sanding sheets that are too large. Sanding sheets that extend over the disk can lead to injury and blocking. The sanding sheet may also tear, causing kickback.

Safety instructions for steel brushes

- **Please note that steel brushes lose steel pieces during normal use. Do not apply too much pressure to steel brushes.** Failure to heed this warning may lead to injury due to flying steel pieces.
- When the use of a safety cover is recommended, prevent the safety cover and steel brush from coming into contact with one another. Please note that the diameter of disk brushes and cup brushes can increases due to pressure and centrifugal force.

Meaning of symbols


Not approved for hand-held or manually-guided grinding


Not approved for wet grinding


Not approved for side grinding


Do not use if damaged


Only approved with a backing pad


Only approved for wet cutting


Heed all safety instructions


Use protective eyewear


Wear a safety helmet


Use ear protection


Wear safety gloves


Use a dust mask


Unplug


Only for roughing / Only for grinding


Not for roughing


Only for cutting


Not for cutting


Not approved for working with metals

Disposal


The packaging is made entirely of recyclable materials, which you may dispose of at local recycling facilities.

Contact your local refuse disposal authority for more details of how to dispose of your worn-out product.

IAN 271115 - PWSZ 125 C3
OWIM GmbH & Co. KG
Stiftsbergstraße 1
D-74167 Neckarsulm

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