

TURBO DIAMOND CUP WHEEL



The CHEMITOOL diamond cup wheel was developed in order to provide to the professional an optimum relationship between quality and performance in grinding.

- ✓ **Optimum quality/value ratio**
- ✓ **5mm segment height**
- ✓ **Excellent grinding work**
- ✓ **Great stability and work safety**
- ✓ **Resistance to breakage**
- ✓ **Low vibration**
- ✓ **Long tool lifetime**

The CHEMITOOL diamond cup wheel is formed by a concentration of quality diamond grain. It has a segment height of 5mm with 20mm width, thus ensuring an optimal quality/value ratio.

The diamond cup wheel has as main characteristic, a high capacity of grinding, which can be used in wet or dry applications. The turbo-shaped segments allow debris to be removed more easily from the workpiece, helping not to soak, in turn increasing the diamond cup wheel lifetime.

Packed in individual blister.



MASTER LONG
SERIES LIFE



Abrasive

Professional diamond grain

Suitable for



Concrete, brick, tile and stone

Compatible machine

Angle grinder



CHEMITOOL diamond cup wheels meet European standards (EN 13326)

SAP	Ø (mm)	Hole Diameter (mm)	Segment Height (mm)	Segment Width (mm)	R.P.M.	Format			EAN
CHA0304100000	100	22,23	5	20	13300	Concave	1	40	5604630014526

Note: The technical information provided, verbally or in writing, is based on our current knowledge and should be regarded as non-binding collaboration. The use of the product is beyond our control, therefore we disclaim all liability for improper use of the product. The customer is responsible for confirming and evaluating (through testing) whether the product is suitable for the process and type of use in question. Our purpose is exclusively to guarantee the quality of the products according to our standards

SAFETY RULES

Before operating CHEMITOOL diamond cup wheels, please read these instructions carefully and retain it for future reference.

These instructions must accompany the operator regardless of its use, industrial, professional or non-professional. For detailed and complete safety information on EN13236, be sure to also read the instruction manual of the machine to be used.

1) Product storage:

CHEMITOOL diamond cup wheels must be handled with care and properly stored in a dry environment, ensuring that the packaging is not damaged.

The storage of diamond cup wheels should be done in a stable place, preferably above the ground, thus avoiding humidity and, if possible, in a properly ventilated area.

2) Importance of careful machine maintenance:

The most common cause of cup wheel breakage can be related to incorrect rotations per minute from use, abuse and/or careless handling of the machine. Therefore, adapting the regular maintenance, service and inspection procedures of the machine is of great importance to increase the useful life of the machine and diamond cup wheel.

Regular inspection and maintenance procedures are the responsibility of the user. All machines should be regularly inspected to make sure the cup wheel fit is in good condition in terms of size and shape. It is also important to check if the speed at which the machine is operating is within the safety standards indicated by the manufacturer, so that there are no deviations that could risk the nominal speed of the cup wheel in use. Complementing the obligations of the EN13236 standard.

WARNING: The use of the diamond cup wheel can generate and/or release dust residue, which can cause serious and permanent respiratory or other injuries. Always wear protection suitable for dust exposure. When using the cup wheel, direct the cutting part away from your face and body.

Make sure that the diamond cup wheel is suitable for the intended purpose as indicated on the product and in the applications table. In case of doubt, contact the supplier.

3) The following "MUST" and "MUST NOT" should be used as a guide for the proper use of a diamond cup wheel:

MUST always handle and store CHEMITOOL diamond cup wheel with care.

MUST perform an inspection of the maximum machine rotations and make sure that it does not exceed the maximum speeds marked on the cup wheel.

MUST visually inspect all cup wheels for any cracks or breaks before assembling them in the machine. DO NOT USE DAMAGED DIAMOND CUP WHEELS.

MUST make sure the hole diameter fits properly in the machine setting. It is clean, flat, and is suitable for the type of cup wheel to be assembled.

MUST test new cup wheels in a protected area, with the protection on the machine, for at least one minute before use.

MUST ALWAYS wear protective goggles or a suitable face shield.

MUST ALWAYS wear personal protective clothing such as a mask, gloves, and hearing protection.

MUST hold the workpiece firmly before grinding.

MUST make sure the machine is disconnected from electrical or battery power supply and with the button in the off position before assembling a new cup wheel.

DO NOT use the diamond cup wheel that are broken or have been dropped, making them unsuitable for use.

DO NOT force the diamond cup wheel when assembling on the machine or change the hole diameter. If you find that the diamond cup wheel does not fit correctly in the machine, you need to find one that fits correctly.

MUST NOT exceed the maximum rated speed present on the diamond cup wheel.

DO NOT use fittings where the thread is not clean or there is some deformation of the thread, thus avoiding the correct connection between the flange and the thread.

DO NOT tighten the clamping flange with excessive force.

DO NOT use the diamond cup wheel in machines that are not suitable for the cup wheel's function.

DO NOT stand in front of a diamond cup wheel while the machine is running.

DO NOT grind material for which the cup wheel is not designed.

WARNING: To minimize the risk of accidents, always wear suitable eye and respiratory protection.

The user is responsible for the use of the diamond cup wheel, ensuring that knowledge of the safety instructions has been strictly observed.

CHEMITOOL shall not be liable for any damage cause to persons, animals or objects in the event of failure to comply with the instructions and safety rules contained in this user's guide or improper maintenance of the tool.

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