



COMBICLICK hard non-woven disc CC dia. 125 mm A100G for fine grinding and finishing with an angle grinder

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The COMBICLICK system consists of a specially developed backing pad and a rugged mounting system at the back of the tool. With the backing pad, COMBICLICK tools can be used on commercially available angle grinders. The unique geometry of the cooling slots ensures high air throughput, which in turn considerably reduces the thermal load on the abrasive material and the workpiece. Compared with conventional tools, the quick-mounting system, robust holder, secure tool-locking feature and integrated cooling system together achieve a workpiece temperature that is 30 % lower, a 25 % higher stock removal rate, a 30 % longer tool life, and better utilization of the abrasive material.

Suitable for general work on medium-sized and large metal surfaces, e.g. removing rough grinding traces, removing oxidation and light deburring work. Achieve matt and satin-finished surfaces.

Technical information

Abrasive	Aluminium oxide A
Dia. external	125 mm
Grit size	100 G
Max. RPM	9650 RPM
RPM, optimum	3100 RPM
Version	coarse, yellow-brown

Advantages

- ✓ The innovative quick-mounting system ensures convenient handling and cool grinding.
 - ✓ Extremely quick and easy tool changes, which reduces process costs.
 - ✓ Using COMBICLICK helps to avoid scratches caused by protruding clamping pieces, and exploits the abrasive material that is available.
 - ✓ Little wear due to high tear strength.
 - ✓ The open structure of the non-woven material prevents tool clogging.
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Recommendations for use

- ✓ Use COMBICLICK non-woven discs with COMBICLICK backing pads on speed-adjustable angle grinders.
 - ✓ For the best results, use at a recommended cutting speed of 15-20 m/s. This provides an ideal compromise between stock removal rate, surface quality, thermal load on the workpiece and tool wear.
 - ✓ The addition of oil or water during grinding results in a finer finish, cooler grinding and longer tool life.
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Ordering notes

- ✓ Please order COMBICLICK backing pads separately.
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Safety notes

- ✓ For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
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Materials that can be worked

- ✓ Aluminium
- ✓ Brass
- ✓ Bronze
- ✓ Cast steel
- ✓ Cobalt-based alloys
- ✓ Copper
- ✓ Fibre-reinforced thermosetting plastics (GRP, CRP)
- ✓ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Stainless steel (INOX)
- ✓ Steel materials with a hardness > 54 HRC
- ✓ Steels up to 1,200 N/mm² (< 38 HRC)
- ✓ Thermoplastics
- ✓ Titanium
- ✓ Titanium alloys

Applications

- ✓ Cleaning
 - ✓ Deburring
 - ✓ Roughening
 - ✓ Step-by-step fine grinding
 - ✓ Structuring (matt finishing, brush matting and satin finishing)
 - ✓ Surface work
 - ✓ Work on weld seams
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Drive types

- ✓ Angle grinder
 - ✓ Cordless angle grinder
 - ✓ Drive spindle
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