

The Grinding Disc CC-GRIND-SOLID

The New Generation of Reinforced Grinding Wheels



TRUST BLUE

- 40 % more economic value thanks to ultimate stock removal rates compared with reinforced grinding wheels
- 50 % less noise and vibration during use
- As sturdy and safe as a reinforced grinding wheel – 100 % increased aggressiveness

The Grinding Disc CC-GRIND-SOLID

General Information

PFERD presents the new sturdy version CC-GRIND-SOLID for hard and rough grinding applications. The advanced development of the PFERD innovation CC-GRIND stands out through the integrated glass fibre backing pad combined with high-performance grinding grit and patented cooling and mounting system.

With it, PFERD is presenting the new generation of reinforced grinding wheels!

The innovative **high-strength layer structure of the glass fibre backing pad** guarantees the same **sturdy and safe use** as with a reinforced grinding disc. The grinding disc CC-GRIND-SOLID fulfills all the safety requirements of a reinforced grinding wheel according to DIN EN 12413, particularly the lateral load test.

The grinding disc is optimally aligned thanks to the **special mounting system** and can thus be used at **particularly flat and efficient angle**. In addition, the patented cooling system significantly reduces the temperature of the workpiece.

The CC-GRIND-SOLID grinding disc is particularly suitable for the following processing tasks:

- Surface grinding
- Weld dressing
- Chamfering
- Deburring/edge grinding
- Machining welding torch burrs

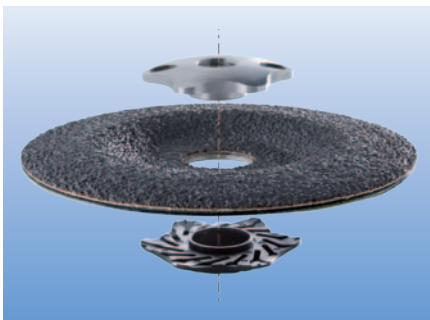
User benefits:

Close-up of layer structure



Innovative high-strength tool design for especially ergonomic, safe work.

Patented cooling and mounting system



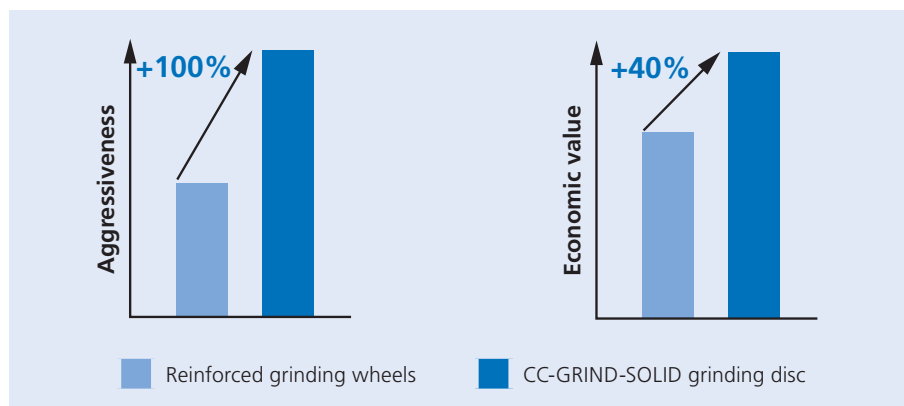
Fast and easy tool change thanks to the unique mounting system.

For hard and rough use:

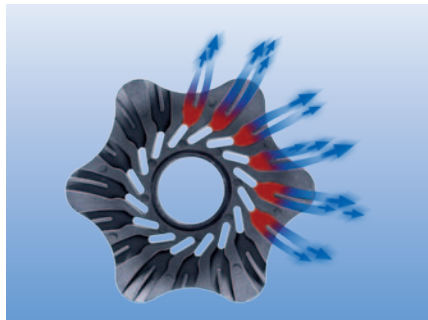
CC-GRIND-SOLID version for hard and rough uses with ultimate stock removal rates.



Performance values for application on steel:



Cooling effect



Very good cooling of tool and workpiece through patented cooling system.

Hard and rough uses



Grinding disc CC-GRIND-SOLID is also especially safe during hard and rough use.

Weld dressing



The CC-GRIND-SOLID grinding disc is particularly suitable for the leveling of coarse and thick welds.



The unique mounting system and the patented cooling system allow use at very flat angles and the optimum utilization of the abrasives available.

Competence when working on stainless steel (INOX)

PFERD offers a comprehensive range of tools that meets the requirements of working stainless steel (INOX). The PFERD PRAXIS brochure "PFERD Tools for Use on Stainless Steel (INOX)" contains many valuable application notes.

Our experienced field staff and members of the PFERD TOOL TECHNIC will be happy to answer any questions you may have. Please do not hesitate to contact us.

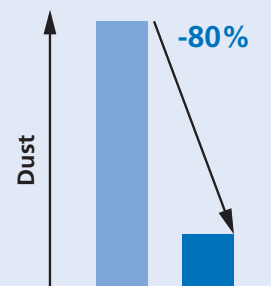
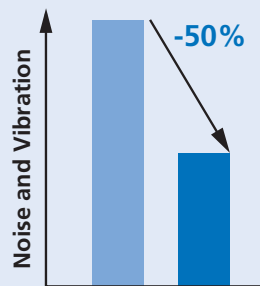


Ergonomic grinding instead of just roughing

Noise, vibration and dust considerably reduced

The new CC-GRIND-SOLID grinding discs from PFERD produce **significantly less noise, vibration and dust** than conventional reinforced grinding wheels.

PFERDERGONOMICS recommends the grinding wheel CC-GRIND-SOLID as an innovative tool solution for hard and rough grinding applications.



Reinforced grinding wheels

CC-GRIND-SOLID grinding disc

Safety recommendations

The maximum permitted peripheral speed is 80 m/s.



= Wear eye protection!



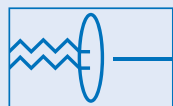
= Wear hearing protection!



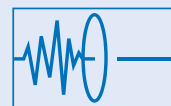
= Wear a respirator!



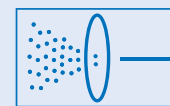
= Read the instructions!



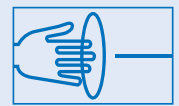
Vibration Filter



Noise Filter



Emission Filter



Haptic Filter

The original PFERD Tool Manual!



With more than 7.500 innovative solutions for surface processing and cutting materials. Request your own free personal copy at www.pferd.com.

PFERDERGONOMICS



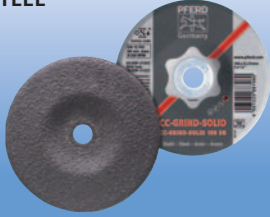
For further information on the subject of ergonomics and suitable PFERD tools see the brochure "PFERDERGONOMICS – The focus is on people".

The Grinding Disc CC-GRIND-SOLID

Performance Line SG



Grinding disc CC-GRIND-SOLID Type STEEL

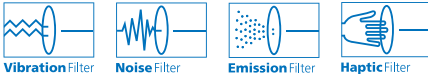


PFERD STEEL version for ultimate stock removal performance on steel.

Workpiece materials:
Steel

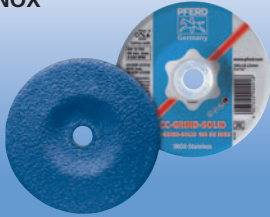
Recommendation for use:
■ Only use CC-GRIND-SOLID grinding discs with the face of the disc.
Not suitable for circumferential grinding.

Ordering note:
Clamping flange set SFS, please order separately.



Order No.	EAN 4007220	Dia. D [mm]	Matching clamping flange set	Max. speed [RPM]		
N! CC-GRIND-SOLID 115 SG-STEEL	887059	115	SFS CC-GRIND-SOLID 115/125 M14, SFS CC-GRIND-SOLID 115/125 5/8"	13.300	10	0,750
N! CC-GRIND-SOLID 125 SG-STEEL	887073	125	SFS CC-GRIND-SOLID 115/125 M14, SFS CC-GRIND-SOLID 115/125 5/8"	12.200	10	0,850
N! CC-GRIND-SOLID 180 SG-STEEL	887080	180	SFS CC-GRIND-SOLID 180 M14, SFS CC-GRIND-SOLID 180 5/8"	8.500	10	1,650

Grinding disc CC-GRIND-SOLID Type INOX

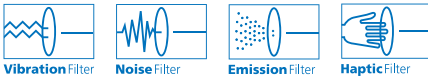


PFERD INOX version for very good stock removal on stainless steel (INOX).

Workpiece materials:
Stainless steel (INOX)

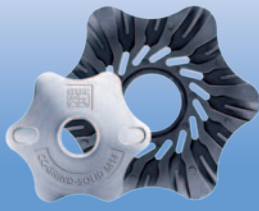
Recommendation for use:
■ Only use CC-GRIND-SOLID grinding discs with the face of the disc.
Not suitable for circumferential grinding.

Ordering note:
Clamping flange set SFS, please order separately.



Order No.	EAN 4007220	Dia. D [mm]	Matching clamping flange set	Max. speed [RPM]		
N! CC-GRIND-SOLID 115 SG-INOX	900895	115	SFS CC-GRIND-SOLID 115/125 M14, SFS CC-GRIND-SOLID 115/125 5/8"	13.300	10	0,750
N! CC-GRIND-SOLID 125 SG-INOX	900901	125	SFS CC-GRIND-SOLID 115/125 M14, SFS CC-GRIND-SOLID 115/125 5/8"	12.200	10	0,850
N! CC-GRIND-SOLID 180 SG-INOX	900918	180	SFS CC-GRIND-SOLID 180 M14, SFS CC-GRIND-SOLID 180 5/8"	8.500	10	1,650

Clamping flange set SFS CC-GRIND-SOLID



With this special clamping flange set, **only** the original CC-GRIND-SOLID grinding discs can be used on standard angle grinders.

The geometry of the cooling slits ensures high air flow. This perceptibly reduces the thermal load on the grinding agent and the workpiece.

Safety notes:

The maximum permitted peripheral speed is 80 m/s.

Order No.	EAN 4007220	Thread	Suitable for machine types		
N! SFS CC-GRIND-SOLID 115/125 M14	887578	M14	Angle grinders 115 and 125 with M14 spindle	1	0,050
N! SFS CC-GRIND-SOLID 180 M14	887585	M14	Angle grinders 180 with M14 spindle	1	0,065
N! SFS CC-GRIND-SOLID 115/125 5/8"	887592	5/8"	Angle grinders 115 and 125 with 5/8" spindle	1	0,050
N! SFS CC-GRIND-SOLID 180 5/8"	887608	5/8"	Angle grinders 180 with 5/8" spindle	1	0,065

N! New 2012