

The CC-GRIND-SOLID Grinding Disc The New Generation of Rough Grinding Discs



New!



TRUST BLUE

- 40% more productivity due to ultimate stock removal rates compared with reinforced grinding wheels
- 50% less noise and vibration during use
- As tough and safe as a reinforced grinding wheel and 100% increased aggressiveness

The CC-GRIND-SOLID Grinding Disc

General Information



PFERD presents the tough new CC-GRIND-SOLID for rough grinding applications. PFERD advances the innovative CC-GRIND by integrating a fibreglass backer and a high-performance coated abrasive. Available with a patented cooling and mounting system, or with quick-change 5/8-11 threaded hub. **With it, PFERD is presenting the new generation of reinforced grinding wheels!**

The innovative **high-strength layer structure of the fibreglass backer** guarantees the same **tough and safe use** as with a reinforced grinding wheel. CC-GRIND-SOLID fulfills all the safety requirements of a reinforced grinding wheel according to DIN EN 12413 and ANSI B7.1 standards, particularly the lateral load test.

CC-GRIND-SOLID is a new grinding disc offering a large surface contact area. The **quick-change hub version**, and the un-hubbed version combined with custom flange set, allow **flat grinding**.

CC-GRIND-SOLID is ideal for the following processing tasks:

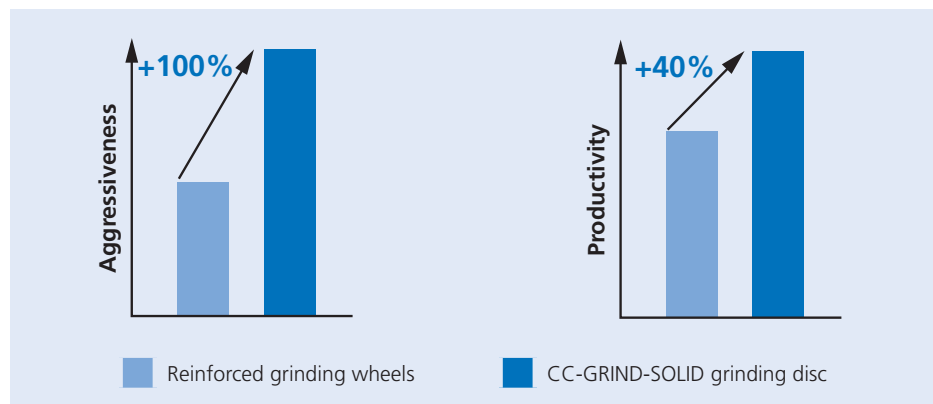
- Surface grinding
- Weld removal
- Chamfering
- Deburring/edge grinding
- Machining cutting torch burrs

For rough grinding applications:

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

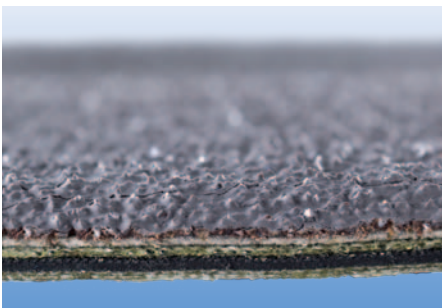


Performance values for application on steel:



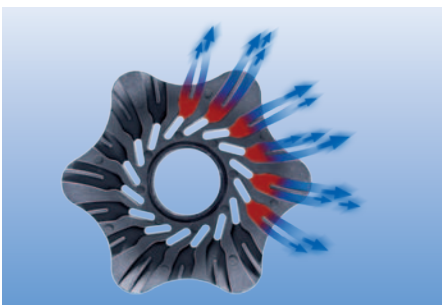
User benefits:

Close-up of layer structure



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

Cooling effect



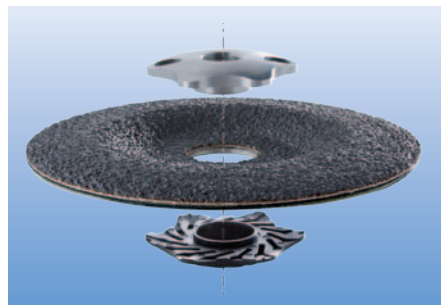
Very good cooling of tool and workpiece through patented cooling system.

Rough grinding and weld removal



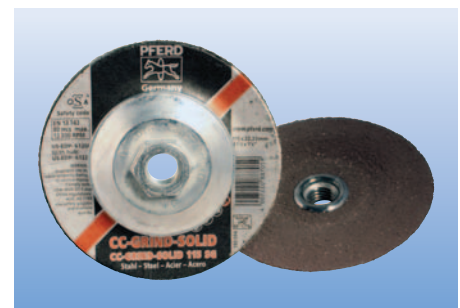
CC-GRIND-SOLID grinding discs excel on rough grinding applications.

Patented cooling and mounting system



Unique mounting system allows for fast and easy disc change.

Available with quick-change hub



CC-GRIND-SOLID may also be purchased with 5/8-11 threaded quick-change hub.





The unique mounting system and the patented cooling system make it possible to grind at very flat angles, allowing for the complete utilization of the abrasive grain.

More PFERD resources for 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 technical service team will be happy to answer any questions you may have. Please do not hesitate to contact us.

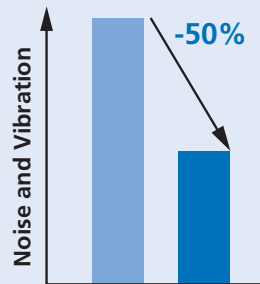


Ergonomic grinding instead of just rough grinding

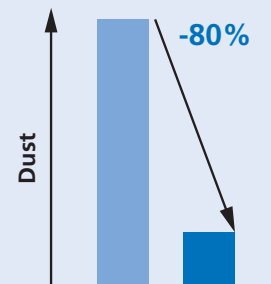
Noise, vibration and dust considerably reduced

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

PFERDERGONOMICS recommends the CC-GRIND-SOLID grinding disc as an innovative tool solution for all 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!



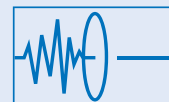
= Wear a respirator!



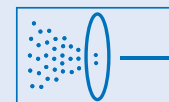
= Read the instructions!



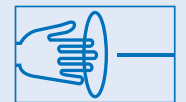
Vibration Filter



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

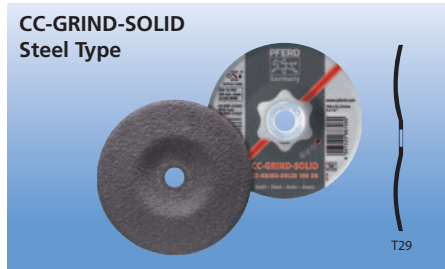
PFERDERGONOMICS supplies solutions for

- Lower vibration
- Reduced noise
- Less dust exposure
- Optimized haptics at work.

We will be happy to send you more information about the topic of health and safety on request.

The CC-GRIND-SOLID Grinding Disc

Performance Line SG



High performance grinding disc provides extremely high removal rate combined with long service life and high user comfort.

Workpiece materials:
Steel

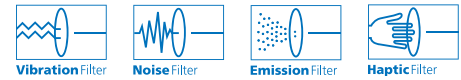
Application:
Surface grinding, weld removal, chamfering, deburring/edge grinding, machining cutting torch burrs

Recommendation for use:

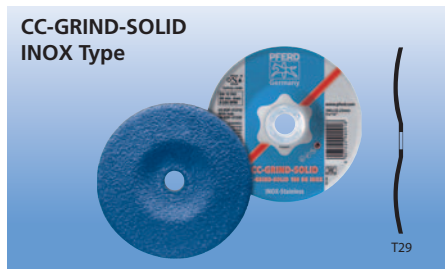
- Only use CC-GRIND-SOLID grinding discs with the face of the disc.
- Not suitable for circumferential grinding.

Ordering note:

When ordering unthreaded discs, please order clamping flange set separately.



Diameter (D) [Inches]	Unthreaded Arbor Hole				Threaded Arbor Hole			Max. RPM
	Bore (H) [Inches]	EDP Number		Compatible Clamping Flange Set	Thread Size	EDP Number		
N! 4-1/2	7/8	61200	10	EDP 69116 (5/8-11) or 69118 (M14)	5/8-11	61220	10	13,300
N! 5	7/8	61201	10	EDP 69116 (5/8-11) or 69118 (M14)	5/8-11	61221	10	12,200
N! 7	7/8	61203	10	EDP 69117 (5/8-11) or 69119 (M14)	5/8-11	61223	10	8,500



Ideal on stainless steel (INOX) and alloys, CC-GRIND-SOLID INOX provides high, cool stock removal with low grinding pressure. Easy handling with large surface contact area produces a more uniform surface finish with drastically reduced risk of gouging the surface.

Workpiece materials:
Stainless steel (INOX)

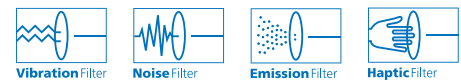
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	Bore (H) [Inches]	EDP Number		Compatible Clamping Flange Set	Thread Size	EDP Number		
N! 4-1/2	7/8	61215	10	EDP 69116 (5/8-11) or 69118 (M14)	5/8-11	61235	10	13,300
N! 5	7/8	61216	10	EDP 69116 (5/8-11) or 69118 (M14)	5/8-11	61236	10	12,200
N! 7	7/8	61218	10	EDP 69117 (5/8-11) or 69119 (M14)	5/8-11	61238	10	8,500



The CC-GRIND-SOLID clamping flange set is exclusively designed for use with unthreaded CC-GRIND-SOLID grinding discs.

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

Safety notes:

The maximum permitted peripheral speed is 80 m/s.

Diameter (D) [Inches]	Thread Size	EDP Number	
N! 4-1/2, 5	5/8-11	69116	1
N! 7	5/8-11	69117	1
N! 4-1/2, 5	M14	69118	1
N! 7	M14	69119	1

N! New in the PFERD product line 2012

PFERD INC.
30 Jytek Drive · Leominster, MA 01453
Phone: (978) 840-6420 · Toll-Free: (800) 342-9015
Fax: (978) 840-6421
e-mail: sales@pferdusa.com · www.pferd.com

PFERD CANADA INC.
5570 McAdam Road · Mississauga, ONT L4Z1P1
Phone: (905) 501-1555 · Toll-Free: (866) 245-1555
Fax: (905) 501-1554
e-mail: sales@pferdcanada.ca · www.pferd.com

