

CC-GRIND-SOLID

The NEW Generation of Grinding Wheels



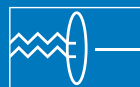
New!



VERTRAU BLAU

Trust In The Blue

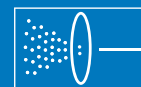
- High stock removal
- Patented cooling and mounting system
- 50% less noise, vibration and dust compared to reinforced grinding wheels
- Innovative high-strength wheel design



Vibration Filter



Noise Filter



Emission Filter



Haptic Filter

How it works

1 The flange set:

Achieve optimum results with the special PFERD clamping flange set designed specifically for the CC-GRIND-SOLID grinding discs. This flange set clamps straight on to standard angle grinders. The cooling slits ensure high air flow reducing the thermal load on the grinding agent and workpiece. Most importantly the bottom flange raises the disc allowing for flatter grinding and use of the full face of the disc.



2 The CC-GRIND-SOLID disc:

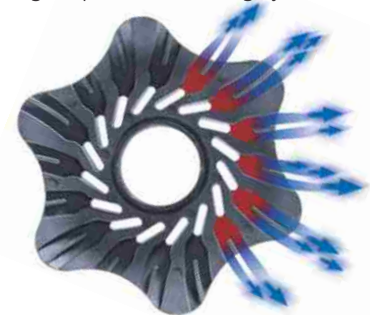
The innovative high-strength layer structured disc can be used with or without the special PFERD flange set. The disc provides the same sturdy and safe use as a reinforced grinding disc. For best results it is recommended to use the flange set.



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

Cooling Effect

Keeps the disc and workpiece cool through a patented cooling system.



Rough Applications

Grinding disc CC-GRIND-SOLID is safe to use in hard and rough applications.



For Hard & Rough Grinding

The development of the PFERD CC-GRIND-SOLID stands out through the integrated of a glass fibre backing pad combined with high-performance grinding grit and patented cooling and mounting system. PFERD offers a new generation of reinforced grinding wheels! The CC-GRIND-SOLID fulfills all the highest safety requirements of a reinforced grinding wheel according to DIN EN 12413, particularly the lateral load test.



Recommended for use with stainless steel INOX. Does not contain iron, sulphur or chlorine fillers.

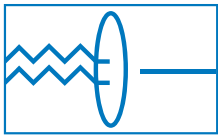


Weld Dressing

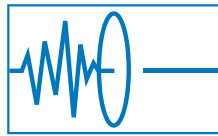
The CC-GRIND-SOLID grinding disc is particularly suitable for the levelling of coarse and thick welds.



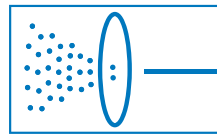
Ergonomic Grinding



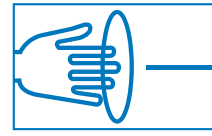
Vibration Filter



Noise Filter



Emission Filter

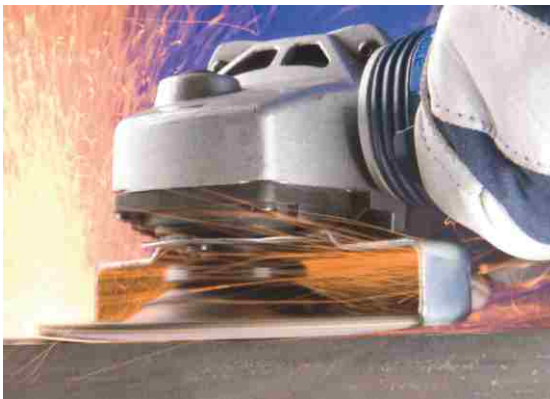
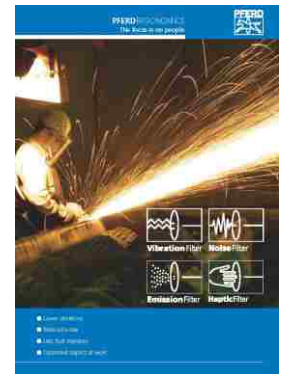


Haptic Filter

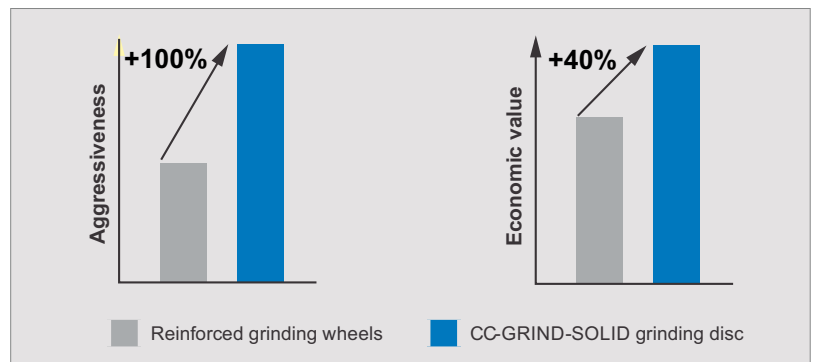
Reduced Noise, vibration and dust

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

PFERD ERGONOMICS recommends using the CC-GRIND-SOLID disc as an innovative solution for hard and rough grinding applications. For more information on PFERD ERGONOMICS ask for a copy of the PFERD ERGONOMICS brochure.

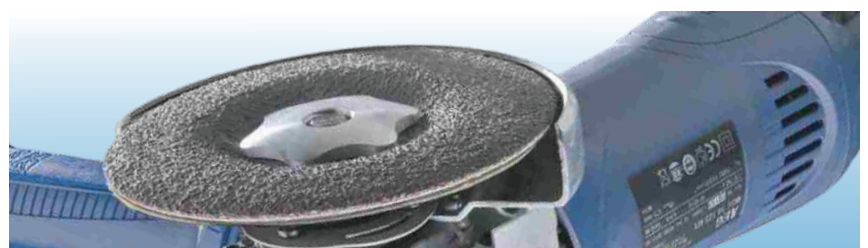


Performance values for applications on steel:



Clamping Flange Set

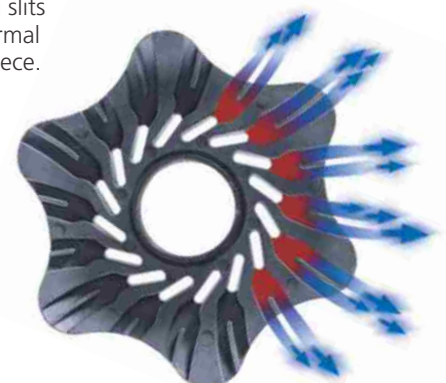
Achieve optimum performance with the special flange set



By applying the special PFERD clamping flange set, together with the CC-GRIND-SOLID grinding disc, you will achieve the optimum grinding performance from the disc. The geometry of the cooling slits ensures high air flow. This reduces the thermal load on the grinding agent and the workpiece. The flange set also locates the disc in the optimum grinding position.

Safety notes:

The maximum permitted peripheral speed is 80 m/s.



Size mm/in	Description	Thread	Article No.	Barcode	
115 & 125	CC-GRIND-SOLID 115/125 M14	M14	33500015	4007220887578	1
180	CC-GRIND-SOLID 180 M14	M14	33500018	4007220887585	1
115 & 125	CC-GRIND-SOLID 115/125 5/8"	5/8"	33500115	4007220887592	1
180	CC-GRIND-SOLID 180 5/8"	5/8"	33500180	4007220887608	1

Grinding Disc

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 (notching).

Ordering note:

Clamping flange set, please order separately.



Size mm/in	Description	Article No.	Barcode		Max Speed (RPM)
115 (4-1/2")	CC-GRIND-SOLID 115 SG STEEL	64185115	4007220887059	10	13,300
125 (5")	CC-GRIND-SOLID 125 SG STEEL	64185125	4007220887073	10	12,200
180 (7")	CC-GRIND-SOLID 180 SG STEEL	64185180	4007220887080	10	8,500

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 (notching).

Ordering note:

Clamping flange set, please order separately.



Size mm/in	Description	Article No.	Barcode		Max Speed (RPM)
115 (4-1/2")	CC-GRIND-SOLID 115 SG INOX	64186115	4007220900895	10	13,300
125 (5")	CC-GRIND-SOLID 125 SG INOX	64186125	4007220900901	10	12,200
180 (7")	CC-GRIND-SOLID 180 SG INOX	64186180	4007220900918	10	8,500

Safety Recommendations



Wear Safety Glasses



Wear Ear Muffs



Wear Dust Mask



Wear Gloves



Read Instruction Manual



Do Not Use If Damaged

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