

The CC-GRIND® system

SOLID, FLEX and STRONG – The pro for stock removal



TRUST BLUE

- Ultimate stock removal rates
- 50 % less noise and vibration compared with a grinding wheel
- As sturdy and safe as a grinding wheel

CC-GRIND® grinding discs

Highlights from the PFERD range

CC-GRIND®-SOLID

With the CC-GRIND®-SOLID, PFERD offers a modern, high-performance and ergonomic alternative to conventional grinding wheels.

For more information please see page 3 (SG ★★☆☆) and page 6 (SGP ★★★★★).

CC-GRIND®-FLEX

The CC-GRIND®-FLEX is the semi-flexible addition to the CC-GRIND® family. It was specially developed for work on weld seams. Butt welds can be smoothed completely flat. This gets rid of any dents and bumps that are visible, particularly after painting or varnishing.

For more information please see page 7.

CC-GRIND®-STRONG

The CC-GRIND®-STRONG bridges the gap between conventional grinding wheels and the modern alternative CC-GRIND®-SOLID. It combines the fast, ergonomic grinding of a CC-GRIND®-SOLID with a resin bonded abrasive as a backer. The bonded portion of the disc not only serves as a supporting backer, but is also used during grinding.

For more information please see page 9.



CC-GRIND®-SOLID



CC-GRIND®-STRONG

Quick product selection guide

Product group selection guide

Application	Product line	Steel (STEEL)			Stainless steel (INOX)
		CC-GRIND®-SOLID	CC-GRIND®-FLEX	CC-GRIND®-STRONG	CC-GRIND®-SOLID
<ul style="list-style-type: none"> ■ Surface grinding ■ Levelling ■ Work on weld seams ■ Chamfering ■ Deburring 	Performance Line SG ★★☆☆	 CC-GRIND®-SOLID SG STEEL page 3		 CC-GRIND®-STRONG SG STEEL page 9	 CC-GRIND®-SOLID SG INOX page 4
	Special Line SGP ★★★★★	 CC-GRIND®-SOLID SGP STEEL page 6			 CC-GRIND®-SOLID SGP INOX page 6
<ul style="list-style-type: none"> ■ Levelling butt welds 	Performance Line SG ★★☆☆		 CC-GRIND®-FLEX SG STEEL page 7		

CC-GRIND® grinding discs

CC-GRIND®-SOLID

With the CC-GRIND®-SOLID, PFERD offers a modern, high-performance and ergonomic alternative to conventional grinding wheels.

Advantages:

- The fastest work progress due to highly aggressive abrasive.
- Significantly more ergonomic than a conventional grinding wheel: noise and vibrations are reduced by 50 %, dust by 80 %.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a conventional grinding wheel.
- Clearly superior surface compared to conventional grinding wheels.

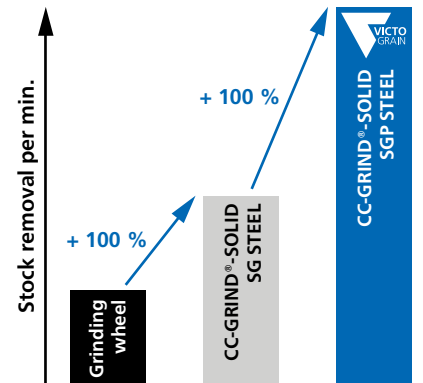
Recommendations for use:

- For optimum results, use with a flat contact angle and the SFS CC-GRIND® flange set.
- Only use the face of the disc, not suitable for peripheral grinding (on edge).



PFERDVIDEO:

Learn more about the advantages of using CC-GRIND®-SOLID grinding discs.



Performance Line SG ★★★★★

CC-GRIND®-SOLID SG STEEL ★★★★★

Workpiece materials:
steel

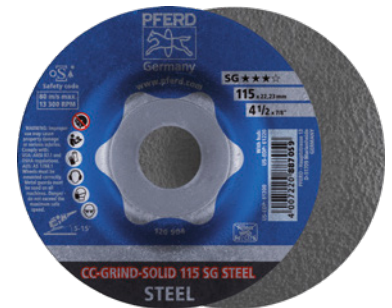
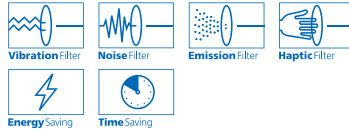
Applications:


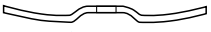

surface grinding, weld dressing, chamfering, deburring

Ordering notes:

- Please order flange set SFS separately, see page 8.

PFERDVALUE®:



D [Inches]	H [Inches]	EDP number	Compatible mounting flange set	Max. RPM	
SOLID – plain arbor hole 					
4-1/2	7/8	61200	EDP 69116 (5/8-11)	13,300	10
5	7/8	61201	EDP 69116 (5/8-11)	12,200	10
6	7/8	61202	EDP 69117 (5/8-11)	10,200	10
7	7/8	61203	EDP 69117 (5/8-11)	8,500	10
SOLID – threaded arbor hole 					
4-1/2	5/8-11	61220	–	13,300	10
5	5/8-11	61221	–	12,200	10
6	5/8-11	61222	–	10,200	10
7	5/8-11	61223	–	8,500	10



CC-GRIND® grinding discs

Performance Line SG ★★☆☆

CC-GRIND®-SOLID SG INOX ★★☆☆

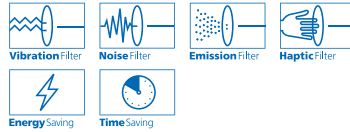
Workpiece materials:
stainless steel (INOX)


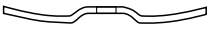

Applications:
weld dressing, chamfering, deburring

Ordering notes:

- Please order flange set SFS separately, see page 8.

PFERDVALUE®:



D [Inches]	H [Inches]	EDP number	Compatible mounting flange set	Max. RPM	
SOLID – plain arbor hole 					
4-1/2	7/8	61215	EDP 69116 (5/8-11)	13,300	10
5	7/8	61216	EDP 69116 (5/8-11)	12,200	10
7	7/8	61218	EDP 69117 (5/8-11)	8,500	10
SOLID – threaded arbor hole 					
4-1/2	5/8-11	61235	–	13,300	10
5	5/8-11	61236	–	12,200	10
7	5/8-11	61238	–	8,500	10



CC-GRIND® grinding discs VICTOGRAIN®

VICTOGRAIN® abrasive material is used to make some of the most effective grinding products in the world. PFERD's triangular, precision-formed grain achieves ultimate performance.



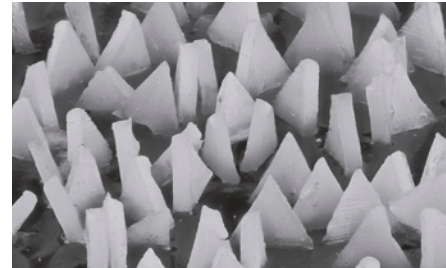
The **VICTOGRAIN®** abrasive grain triangles are identical in shape and size and their cutting edges are applied to the workpiece at the optimum angle, meaning the grain needs very little energy to penetrate the workpiece. As a result, the user experiences superior productivity due to:

- extremely high stock removal,
- a long service life,
- and reduced heat build-up in the workpiece.

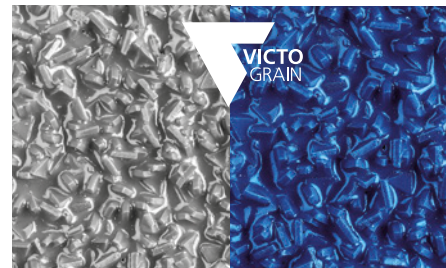
Each **VICTOGRAIN®** abrasive grain triangle is firmly fixed on one of its sides to the backing material. Due to the slim design, **VICTOGRAIN®** offers an extremely large chip space for maximum cutting efficiency.

The structure of the triangular **VICTOGRAIN®** is specially engineered to maximize results. The very fine crystalline structure ensures optimal wear characteristics as sharp cutting edges are always exposed, with the minimum amount of abrasive breaking off from the triangle.

By combining all these properties together, users benefit from optimal, consistent performance, cool grinding and an extremely long service life with uniform workpiece surface roughness.



The **VICTOGRAIN®** abrasive grain is optimally aligned

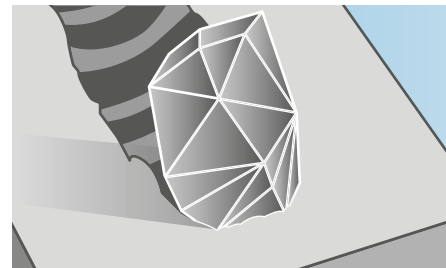


VICTOGRAIN® coated abrasive material

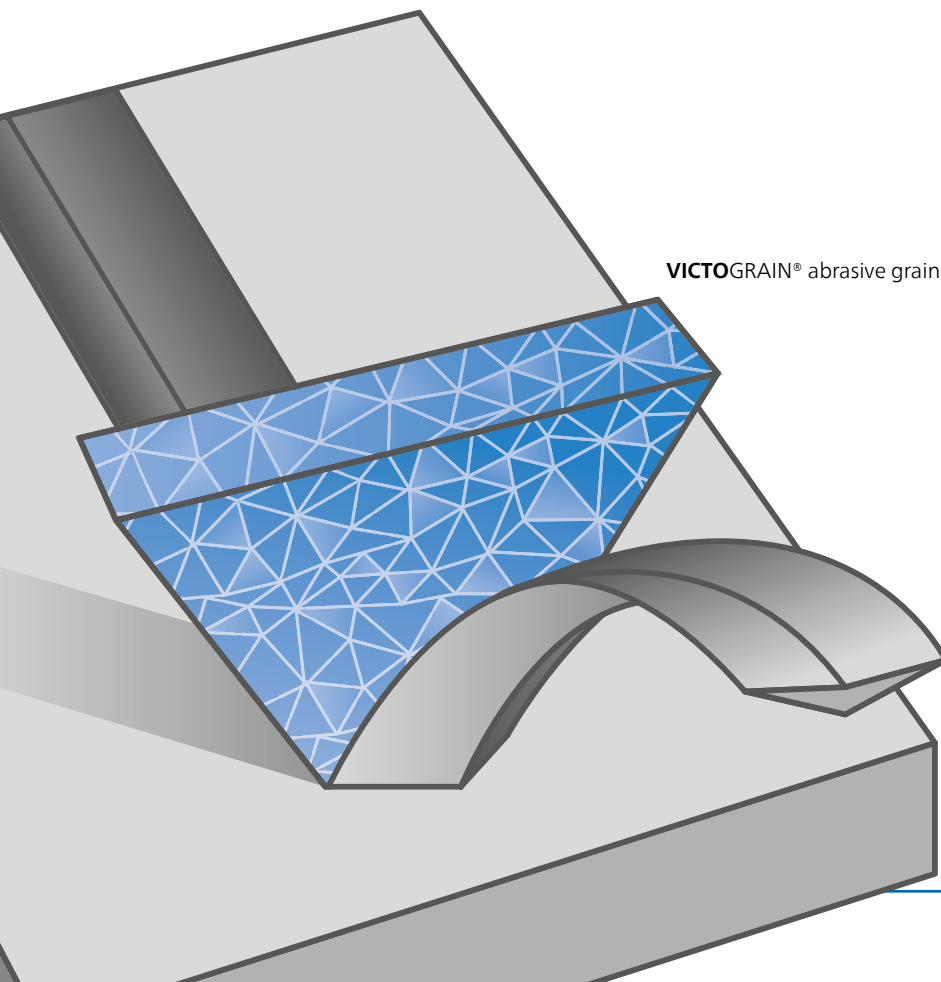


PFERDVIDEO:

Learn more about the advantages of using **VICTOGRAIN®** products.



Conventional abrasive grain



VICTOGRAIN® abrasive grain

Applications:

- Levelling
- Deburring
- Surface work
- Work on edges
- Work on weld seams

Compatible power tools:

- Angle grinders
- Cordless angle grinders
- Flexible shaft drives



For more detailed information about the **VICTOGRAIN®** products range, please refer to our brochure "**VICTOGRAIN®** – No surface is safe" at www.pferd.com.

CC-GRIND® grinding discs

Special Line SGP ★★★★★



CC-GRIND®-SOLID SGP STEEL ★★★★★

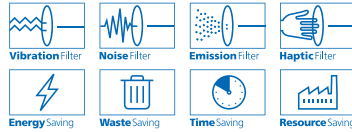
Workpiece materials:
steel

Applications:
surface grinding, weld dressing, chamfering, deburring

Ordering notes:

- Please order flange set SFS separately, see page 8.

PFERDVALUE:



D [Inches]	H [Inches]	EDP number	Compatible mounting flange set	Max. RPM	
SOLID – plain arbor hole					
4-1/2	7/8	61167	EDP 69116 (5/8-11)	13,300	10
5	7/8	61168	EDP 69116 (5/8-11)	12,200	10
6	7/8	61169	EDP 69117 (5/8-11)	10,200	10
7	7/8	61170	EDP 69117 (5/8-11)	8,500	10
SOLID – threaded arbor hole					
4-1/2	5/8-11	61171	-	13,300	10
5	5/8-11	61172	-	12,200	10
6	5/8-11	61173	-	10,200	10
7	5/8-11	61174	-	8,500	10

CC-GRIND®-SOLID SGP INOX ★★★★★

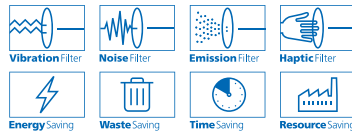
Workpiece materials:
stainless steel (INOX)

Applications:
weld dressing, chamfering, deburring

Ordering notes:

- Please order flange set SFS separately, see page 8.

PFERDVALUE:



D [Inches]	H [Inches]	EDP number	Compatible mounting flange set	Max. RPM	
SOLID – plain arbor hole					
4-1/2	7/8	61240	EDP 69116 (5/8-11)	13,300	10
5	7/8	61241	EDP 69116 (5/8-11)	12,200	10
7	7/8	61242	EDP 69117 (5/8-11)	8,500	10
SOLID – threaded arbor hole					
4-1/2	5/8-11	61243	-	13,300	10
5	5/8-11	61244	-	12,200	10
7	5/8-11	61245	-	8,500	10

CC-GRIND® grinding discs

CC-GRIND®-FLEX

The CC-GRIND®-FLEX is the semi-flexible addition to the CC-GRIND® family. It was specially developed for work on weld seams. Butt welds can be smoothed completely flat. This gets rid of any dents and bumps that are visible, particularly after painting or varnishing.

Advantages:

- Maximum productivity due to highly aggressive abrasive.
- Significantly more ergonomic than a conventional grinding wheel: noise and vibrations are reduced by 50%, dust by 80%.
- Layered structure of the integrated fibre-glass backing support guarantees use that is just as durable and safe as with a conventional grinding wheel.
- Complete smoothing of butt welds – without dents or bumps.
- Superior surface finish compared to conventional grinding wheels.

Recommendations for use:

- For optimum results, use with a flat contact angle and the SFS CC-GRIND® flange set.
- Only use the face of the disc, not suitable for peripheral grinding (on edge).



PFERDVIDEO:

Learn more about the advantages of using CC-GRIND®-FLEX grinding discs.

Performance Line SG ★★☆☆

CC-GRIND®-FLEX SG STEEL ★★☆☆

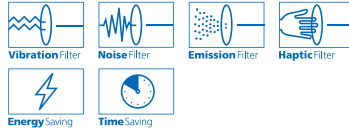
Workpiece materials:
steel


Applications:
weld dressing, surface grinding

Ordering notes:

- Please order flange set SFS separately, see page 8.

PFERDVALUE®:



D [Inches]	H [Inches]	Grit size		Max. RPM	
		FINE	COARSE		
FLEX – plain arbor hole					
4-1/2	7/8	61186	61188	13,300	10
5	7/8	61190	61192	12,200	10

CC-GRIND® grinding discs


CC-GRIND® clamping flange set

CC-GRIND® mounting flange set

The CC-GRIND® mounting flange set optimally aligns the CC-GRIND®-SOLID and -FLEX in the angle grinder protective guard. This allows a very flat contact angle with maximum efficiency.

The black backing pad is placed on the original mounting flange of the angle grinder. The silver flange nut replaces the original flange nut.



D [Inches]	H [Inches]	EDP number	
4-1/2, 5	5/8-11	69116	1
6, 7	5/8-11	69117	1



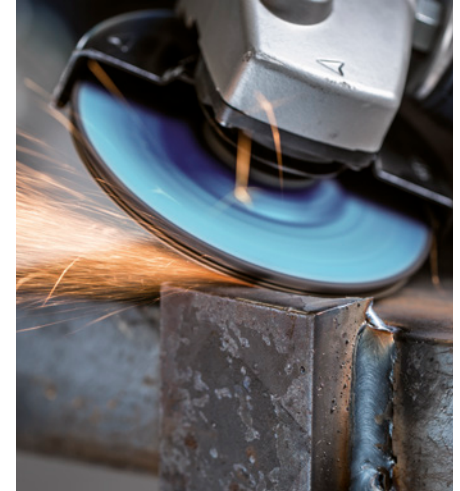
CC-GRIND® grinding discs

CC-GRIND®-STRONG

The CC-GRIND®-STRONG is the stepping stone between the classic grinding wheel (the backing pad also grinds) and the modern alternative CC-GRIND®-SOLID (fast, ergonomic grinding).

Advantages:

- Three times the service life compared to CC-GRIND®-SOLID SG STEEL due to the unique combination of stacked coated discs with a bonded abrasive support.
- Maximum productivity due to highly aggressive abrasive.
- Significantly more ergonomic than a conventional grinding wheel: noise and vibrations are reduced by 50%, dust by 70%.
- Superior surface finish compared to conventional grinding wheels.



CC-GRIND®-STRONG SG STEEL ★★☆☆

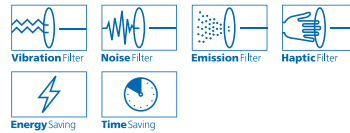
Workpiece materials:




steel, mill scale

Applications:

weld dressing, chamfering, deburring

PFERDVALUE®:



D [Inches]	H [Inches]	EDP number	Max. RPM	
STRONG – plain arbor hole 				
4-1/2	7/8	61262	13,300	10
5	7/8	61263	12,200	10
STRONG – threaded arbor hole 				
4-1/2	5/8-11	61266	13,300	10
5	5/8-11	61267	12,200	10

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