

COMBICLICK®

The NEW way to Grind & Finish Metal



VERTRAU BLAU

Trust In The Blue

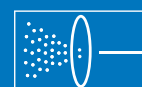
- Patented cooling & quick mounting system
- High stock removal & long product life
- Less vibration & lower noise generation
- Reduced stress on power tool



Vibration Filter



Noise Filter



Emission Filter



Haptic Filter

How it works

1 The backing pad:
Either a soft, medium or hard option to suit grinding or finishing applications. Sizes to suit 100mm, 115mm, 125mm and 180mm angle grinders.



2 The Mounting System:
At the centre of each pad is a rugged mounting fixture which secures the matching disc.



3 Click Fibre Disc in place:
The absence of a centre flange, enables flatter grinding & finishing, without a protruding flange causing scratches.



Combiclick is a quick-mounting and cooling system. Designed for use with a new generation of abrasive fibre discs.

Compared to standard fibre discs

- Up to 25% increased stock removal
- Up to 30% lower workpiece temperature
- Up to 30% longer service life
- Save time by up to 75% through fast disc change

Compared to standard grinding discs

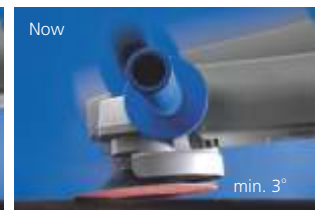
- Greater user comfort
- Reduced stress on power tool
- Lower noise generation
- Less vibration

Backing Pads & Fibre Discs

PFERD offers an extensive line-up of COMBICLICK® fibre discs with differing grit sizes to suit a multitude of applications, from coarse grinding to fine finishing. COMBICLICK® fibre discs are used with matching backing pads and conform to ISO 15636 on standard commercial angle grinders. COMBICLICK® products are made in Germany.




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




Backing Pads


Black / Soft - for general purpose, conforms to most workpiece shapes

Size mm/in	Description	Thread	Article No.	Barcode		Max Speed (RPM)
100 (4")	CC-GT 100 M10	M10	44890190	4007220836200	1	15,300
115/125 (4-1/2" / 5")	CC-GT 115/125 M14 Suits both 4-1/2" and 5" Grinders (Soft)	M14	44890150	4007220725764	1	13,300
180 (7")	CC-GT 180 M14	M14	44890170	4007220725788	1	8,600
180 (7")	CC-GT 180 5/8"	5/8"	44890180	4007220725795	1	8,600

Grey / Medium - for general purpose, suits stock removal

Size mm/in	Description	Thread	Article No.	Barcode		Max Speed (RPM)
115/125	CC GRIND-STEEL 115/125 M14 *	M14	64199001	4007220835852	1	13,300
115/125 (4-1/2" / 5")	CC GRIND-STEEL 115/125 5/8" * Suits both 4-1/2" and 5" Grinders (Medium)	5/8"	64199011	4007220841402	1	13,300

Blue / Hard - provides stiffness for maximum stock removal

Size mm/in	Description	Thread	Article No.	Barcode		Max Speed (RPM)
115/125 (4-1/2" / 5")	CC GRIND-INOX 115/125 M14 * Suits both 4-1/2" and 5" Grinders (Hard)	M14	64199002	4007220835869	1	13,300


* Recommended for use with CC-Grind Fibre Discs



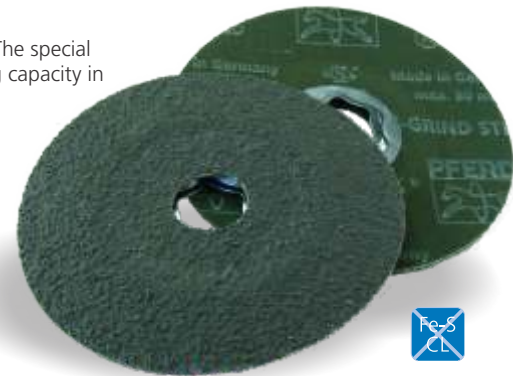
Grinding

CC Grind - Resin Fibre Grinding Discs

- For highly abrasive grinding with ultimate stock removal and very good tool life on large surfaces. The special grinding resin fibre disc combined with the matching backing pad guarantees maximum machining capacity in a very short time. Note, the backing pad suits both 4-1/2" and 5" angle grinders.

Size mm/in	Description	Article No.	Barcode		Max Speed (RPM)
115 (4 1/2")	115 STEEL/INOX	64183115	4007220835876	25	13,300
125 (5")	125 STEEL/INOX	64183125	4007220835883	25	12,200

Recommended for use with either Grey (Medium) or Blue (Hard) CC-Grind Backing Pads.

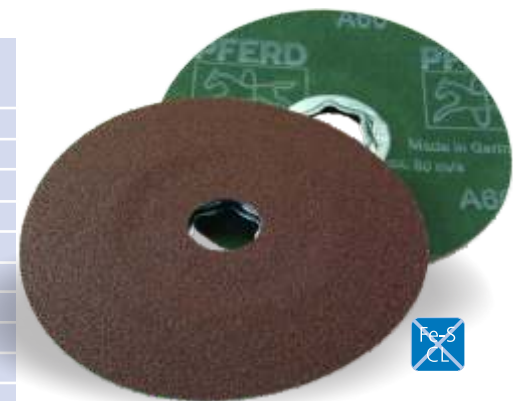


Finishing

Aluminium Oxide - Abrasive Resin Fibre Discs

- For general purpose grinding and finishing from coarse to fine.

Size mm/in	Description	Grit	Article No.	Barcode		Max Speed (RPM)
100 (4")	CC-FS 100 A 36	36	64189001	4007220836095	25	15,300
100 (4")	CC-FS 100 A 60	60	64189003	4007220836118	25	15,300
100 (4")	CC-FS 100 A 80	80	64189004	4007220836125	25	15,300
100 (4")	CC-FS 100 A 120	120	64189005	4007220836132	25	15,300
115 (4 1/2")	CC-FS 115 A 36	36	64190003	4007220763186	25	13,300
115 (4 1/2")	CC-FS 115 A 60	60	64190006	4007220763209	25	13,300
115 (4 1/2")	CC-FS 115 A 80	80	64190008	4007220763216	25	13,300
115 (4 1/2")	CC-FS 115 A 120	120	64190012	4007220763223	25	13,300
125 (5")	CC-FS 125 A 36	36	64190103	4007220721995	25	12,200
125 (5")	CC-FS 125 A 60	60	64190106	4007220722039	25	12,200
125 (5")	CC-FS 125 A 80	80	64190108	4007220722060	25	12,200
125 (5")	CC-FS 125 A 120	120	64190112	4007220722077	25	12,200
180 (7")	CC-FS 180 A 36	36	64190303	4007220722107	25	8,600
180 (7")	CC-FS 180 A 60	60	64190306	4007220722138	25	8,600
180 (7")	CC-FS 180 A 80	80	64190308	4007220722145	25	8,600
180 (7")	CC-FS 180 A 120	120	64190312	4007220722152	25	8,600



Aluminium Oxide A-COOL - Abrasive Resin Fibre Discs


- For general purpose grinding and finishing, from fine to very fine, on materials with poor heat conductivity (e.g. stainless steel INOX & aluminium). Grinding additives in the coating improve stock removal, prevent glazing and allow cooler grinding.

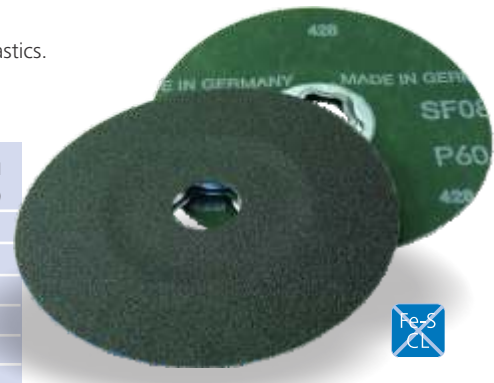
Size mm/in	Description	Grit	Article No.	Barcode		Max Speed (RPM)
115 (4 1/2")	CC-FS 115 A-COOL 120	120	64191012	4007220722213	25	13,300
115 (4 1/2")	CC-FS 115 A-COOL 220	220	64191022	4007220722244	25	13,300
125 (5")	CC-FS 125 A-COOL 50	50	64191105	4007220722251	25	12,200
125 (5")	CC-FS 125 A-COOL 120	120	64191112	4007220722312	25	12,200
125 (5")	CC-FS 125 A-COOL 180	180	64191118	4007220722343	25	12,200
125 (5")	CC-FS 125 A-COOL 220	220	64191122	4007220722367	25	12,200
180 (7")	CC-FS 180 A-COOL 50	50	64191305	4007220722398	25	8,600
180 (7")	CC-FS 180 A-COOL 60	60	64191306	4007220722411	25	8,600
180 (7")	CC-FS 180 A-COOL 120	120	64191312	4007220722459	25	8,600
180 (7")	CC-FS 180 A-COOL 180	180	64191318	4007220722527	25	8,600



SiC Silicone Carbide Abrasive Resin Fibre Discs


- Suitable for working on aluminium, copper, bronze, titanium, high alloy steels and fibre reinforced plastics. Particularly recommended for use on titanium alloys and in the aircraft industry, where SiC is the only approved abrasive product for use on engine components.

Size mm/in	Description	Grit	Article No.	Barcode		Max Speed (RPM)
115 (4 1/2")	CC-FS 115 SiC 36	36	64294003	4007220898888	25	13,300
115 (4 1/2")	CC-FS 115 SiC 60	60	64294006	4007220898895	25	13,300
115 (4 1/2")	CC-FS 115 SiC 80	80	64294008	4007220898901	25	13,300
115 (4 1/2")	CC-FS 115 SiC 120	120	64294012	4007220898918	25	13,300
125 (5")	CC-FS 125 SiC 36	36	64294103	4007220898925	25	12,200
125 (5")	CC-FS 125 SiC 60	60	64294106	4007220898932	25	12,200
125 (5")	CC-FS 125 SiC 80	80	64294108	4007220898949	25 <td 12,200	
125 (5")	CC-FS 125 SiC 120	120	64294112	4007220898956	25	12,200




Ceramic Abrasive Resin Fibre Discs

- For aggressive grinding and finishing, achieving maximum removal rates. Providing a very long service life. The ceramic grain is suited for working on hard materials and coatings.

Size mm/in	Description	Grit	Article No.	Barcode		Max Speed (RPM)
100 (4")	CC-FS 100 CO-COOL 36	36	64189101	4007220836149	25	15,300
100 (4")	CC-FS 100 CO-COOL 60	60	64189103	4007220836187	25	15,300
100 (4")	CC-FS 100 CO-COOL 80	80	64189104	4007220836194	25	15,300
115 (4 1/2")	CC-FS 115 CO-COOL 60	60	64193006	4007220763339	25	13,300
115 (4 1/2")	CC-FS 115 CO-COOL 80	80	64193008	4007220763346	25	13,300
115 (4 1/2")	CC-FS 115 CO-COOL 120	120	64193012	4007220763353	25	13,300
125 (5")	CC-FS 125 CO-COOL 36	36	64193103	4007220722473	25	12,200
125 (5")	CC-FS 125 CO-COOL 60	60	64193106	4007220722497	25	12,200
125 (5")	CC-FS 125 CO-COOL 80	80	64193108	4007220722503	25	12,200
125 (5")	CC-FS 125 CO-COOL 120	120	64193112	4007220722510	25	12,200
180 (7")	CC-FS 180 CO-COOL 36	36	64193303	4007220722558	25	8,600
180 (7")	CC-FS 180 CO-COOL 60	60	64193306	4007220722589	25	8,600
180 (7")	CC-FS 180 CO-COOL 80	80	64193308	4007220722602	25	8,600
180 (7")	CC-FS 180 CO-COOL 120	120	64193312	4007220722626	25	8,600



Starter Packs

Size mm/in	Description	Article No.	Barcode	
100 (4")	x1 Soft (black) Combiclick® Backing Pad, x1 of each 36, 60 & 80 Grit Ceramic CO-COOL fibre discs	75520199	4007220908471	1
125 (5")	x1 Medium (grey) Combiclick® Backing Pad, x2 CC Grind and x2 red CO-COOL fibre discs	75520200	4007220884591	1



Safety Recommendations



Wear Safety Glasses



Wear Ear Muffs



Wear Dust Mask



Wear Gloves



Read Instruction Manual



Do Not Use If Damaged