



CO-COOL SG STEELOX ★★☆☆

POLIFAN flap disc with particularly cool grinding for materials that are difficult to machine such as high-alloy and rust-resistant steel, nickel-based alloys or titanium alloys. Suitable for surface grinding, chamfering, deburring and work on weld seams.

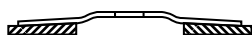


Special features:

- The self-sharpening action of the ceramic oxide grain guarantees optimal results, even on materials that are difficult to machine.
- Less heat build-up in the workpiece compared with other flap discs.

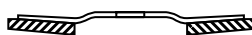
D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Flat design PFF



115	40	22.23	13,300	CO-COOL	10	67660415	PFF 115 CO-COOL 40 SG STEELOX
	60	22.23	13,300	CO-COOL	10	67660615	PFF 115 CO-COOL 60 SG STEELOX
125	40	22.23	12,200	CO-COOL	10	67660425	PFF 125 CO-COOL 40 SG STEELOX
	60	22.23	12,200	CO-COOL	10	67660625	PFF 125 CO-COOL 60 SG STEELOX
180	40	22.23	8,500	CO-COOL	10	67660485	PFF 180 CO-COOL 40 SG STEELOX

Conical type PFC



115	40	22.23	13,300	CO-COOL	10	67760415	PFC 115 CO-COOL 40 SG STEELOX
	60	22.23	13,300	CO-COOL	10	67760615	PFC 115 CO-COOL 60 SG STEELOX
125	40	22.23	12,200	CO-COOL	10	67760425	PFC 125 CO-COOL 40 SG STEELOX
	60	22.23	12,200	CO-COOL	10	67760625	PFC 125 CO-COOL 60 SG STEELOX
180	40	22.23	8,500	CO-COOL	10	67760485	PFC 180 CO-COOL 40 SG STEELOX



CO-FREEZE SG INOX ★★☆☆

POLIFAN flap disc specifically designed for stainless steel (INOX) with very cool grinding. Suitable for surface grinding and work on weld seams. No heat discolouration occurs, which means that no reworking is required.

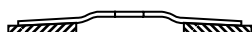


Special features:

- The FREEZE coating significantly reduces heat build-up in the workpiece compared with standard flap discs.
- The usual flying sparks are minimized.
- Damage to stainless steel workpieces from flying glowing sparks is therefore almost entirely ruled out.

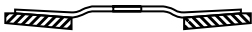
D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Flat design PFF



115	36	22.23	13,300	CO-FREEZE	10	67611536	PFF 115 CO-FREEZE 36 SG INOX
	50	22.23	13,300	CO-FREEZE	10	67611550	PFF 115 CO-FREEZE 50 SG INOX
	80	22.23	13,300	CO-FREEZE	10	67611580	PFF 115 CO-FREEZE 80 SG INOX
125	36	22.23	12,200	CO-FREEZE	10	67612536	PFF 125 CO-FREEZE 36 SG INOX
	50	22.23	12,200	CO-FREEZE	10	67612550	PFF 125 CO-FREEZE 50 SG INOX
	80	22.23	12,200	CO-FREEZE	10	67612580	PFF 125 CO-FREEZE 80 SG INOX

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D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Conical type PFC 							
115	36	22.23	13,300	CO-FREEZE	10	67711536	PFC 115 CO-FREEZE 36 SG INOX
	50	22.23	13,300	CO-FREEZE	10	67711550	PFC 115 CO-FREEZE 50 SG INOX
	80	22.23	13,300	CO-FREEZE	10	67711580	PFC 115 CO-FREEZE 80 SG INOX
125	36	22.23	12,200	CO-FREEZE	10	67712536	PFC 125 CO-FREEZE 36 SG INOX
	50	22.23	12,200	CO-FREEZE	10	67712550	PFC 125 CO-FREEZE 50 SG INOX
	80	22.23	12,200	CO-FREEZE	10	67712580	PFC 125 CO-FREEZE 80 SG INOX
180	36	22.23	8,500	CO-FREEZE	10	67718036	PFC 180 CO-FREEZE 36 SG INOX
	50	22.23	8,500	CO-FREEZE	10	67718050	PFC 180 CO-FREEZE 50 SG INOX

Special Line SGP ★★☆☆



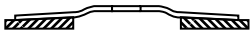
Z SGP FORCE STEEL ★★☆☆

The innovative POLIFAN FORCE flap disc delivers an exceptionally high performance level. Its design is significantly more efficient than conventional flap discs. Suitable for work on weld seams, as well as for chamfering and deburring.

Special features:

- Fast grinding thanks to constant grinding aggressiveness down to the last abrasive grit.
- Ultimate economic efficiency thanks to maximum stock removal per time unit and less wear on discs.

- Suitable for working on fillet welds.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design PFF 							
125	40	22.23	12,200	Z	10	67688124	PFF 125 Z 40 SGP FORCE STEEL
	60	22.23	12,200	Z	10	67688126	PFF 125 Z 60 SGP FORCE STEEL



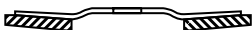
Z SGP STRONG STEEL ★★☆☆

The innovative POLIFAN STRONG flap disc delivers an exceptionally high performance level. Its design is significantly more efficient than conventional flap discs. Suitable for work on weld seams, as well as for chamfering and deburring.



Special features:

- Fast grinding thanks to constant grinding aggressiveness down to the last abrasive grit.
- Ultimate economic efficiency thanks to maximum stock removal per time unit and less wear on discs, plus the ultimate tool life.
- PFERD TOOLS' POLIFAN STRONG is patented in many countries across the globe.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Conical type PFC 							
115	36	22.23	13,300	Z	10	67788015	PFC 115 Z 36 SGP STRONG STEEL
	50	22.23	13,300	Z	10	67788115	PFC 115 Z 50 SGP STRONG STEEL
125	36	22.23	12,200	Z	10	67788025	PFC 125 Z 36 SGP STRONG STEEL

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D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
125	50	22.23	12,200	Z	10	67788125	PFC 125 Z 50 SGP STRONG STEEL
180	36	22.23	8,500	Z	10	67788080	PFC 180 Z 36 SGP STRONG STEEL
	50	22.23	8,500	Z	10	67788180	PFC 180 Z 50 SGP STRONG STEEL



CO-FREEZE SGP STRONG INOX ★★★★★

Flap disc combining the STRONG design and its long, compact flaps with an innovative abrasive. Suitable for surface grinding and work on weld seams. The POLIFAN STRONG is patented in many countries across the globe.

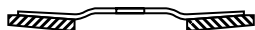


Special features:

- Self-sharpening ceramic oxide grain and active grinding FREEZE special coating achieve very cool grinding and ensure that no heat discolouration occurs.
- The usual flying sparks are minimized.
- Damage to stainless steel workpieces from flying glowing sparks is therefore almost entirely ruled out.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Conical type PFC



115	36	22.23	13,300	CO-FREEZE	10	67789015	PFC 115 CO-FREEZE 36 SGP STRONG INOX
	50	22.23	13,300	CO-FREEZE	10	67789115	PFC 115 CO-FREEZE 50 SGP STRONG INOX
125	36	22.23	12,200	CO-FREEZE	10	67789025	PFC 125 CO-FREEZE 36 SGP STRONG INOX
	50	22.23	12,200	CO-FREEZE	10	67789125	PFC 125 CO-FREEZE 50 SGP STRONG INOX





Z SGP CURVE STEELOX ★★★★★

High-performance flap disc for maximum stock removal on steel and stainless steel (INOX). The POLIFAN CURVE flap disc has been specially developed for work on fillet welds. Also suitable for work on weld seams, as well as for chamfering and deburring.



Special features:

- It is the only flap disc in the world that has flaps on the grinding side, on the rear and on the radius.
- Outstanding tool life when working on fillet welds and high stock removal rate, ensuring fast working and lower production costs.
- PFERD TOOLS' POLIFAN CURVE is patented in many countries across the globe.

D [mm]	Fillet weld radius > [mm]	Grit size	Width	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Radial design PFR



115	5	40	M (11 mm)	22.23	13,300	Z	10	67689032	PFR 115-M Z 40 SGP CURVE STEELOX
	8	40	L (14 mm)	22.23	13,300	Z	10	67689042	PFR 115-L Z 40 SGP CURVE STEELOX
125	5	40	M (11 mm)	22.23	12,200	Z	10	67689052	PFR 125-M Z 40 SGP CURVE STEELOX
	8	40	L (14 mm)	22.23	12,200	Z	10	67689062	PFR 125-L Z 40 SGP CURVE STEELOX
150	5	40	M (14 mm)	22.23	10,200	Z	10	67689072	PFR 150-M Z 40 SGP CURVE STEELOX
	8	40	L (16 mm)	22.23	10,200	Z	10	67689082	PFR 150-L Z 40 SGP CURVE STEELOX
180	8	40	L (16 mm)	22.23	8,500	Z	10	67689095	PFR 180-L Z 40 SGP CURVE STEELOX

Radial design PFR with X-LOCK mounting



X-LOCK

125	5	40	M (11 mm)	22.23	12,200	Z	10	67689053	PFR 125-M Z 40 SGP CURVE STEELOX/X-LOCK
	8	40	L (14 mm)	22.23	12,200	Z	10	67689063	PFR 125-L Z 40 SGP CURVE STEELOX/X-LOCK

CO SGP CURVE STEELOX ★★★★★

High-performance flap disc for achieving fine finishes on steel and stainless steel (INOX). The POLIFAN CURVE flap disc has been specially developed for work on fillet welds. Also suitable for work on weld seams, as well as for chamfering and deburring.



Special features:

- It is the only flap disc in the world that has flaps on the grinding side, on the rear and on the radius.
- Ceramic oxide grain CO with active-grinding special coating with cooling effect (CO-COOL) – no heat discolouration, even under adverse thermal conditions.
- PFERD TOOLS' POLIFAN CURVE is patented in many countries across the globe.

D [mm]	Fillet weld radius > [mm]	Grit size	Width	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Radial design PFR



115	5	60	M (11 mm)	22.23	13,300	CO-COOL	10	67689036	PFR 115-M CO 60 SGP CURVE STEELOX
	8	60	L (14 mm)	22.23	13,300	CO-COOL	10	67689046	PFR 115-L CO 60 SGP CURVE STEELOX
125	5	60	M (11 mm)	22.23	12,200	CO-COOL	10	67689056	PFR 125-M CO 60 SGP CURVE STEELOX
	8	60	L (14 mm)	22.23	12,200	CO-COOL	10	67689066	PFR 125-L CO 60 SGP CURVE STEELOX





A SGP CURVE ALU ★★★★★

Special flap disc for work on fillet welds on aluminium. The POLIFAN CURVE flap disc has been specially developed for work on fillet welds. Also suitable for work on weld seams, as well as for chamfering and deburring.

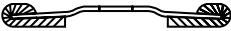
Special features:

- It is the only flap disc in the world that has flaps on the grinding side, on the rear and on the radius.
- The active grinding additives prevent clogging and facilitate cool grinding.

- PFERD TOOLS' POLIFAN CURVE is patented in many countries across the globe.

D [mm]	Fillet weld radius > [mm]	Grit size	Width	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Radial design PFR

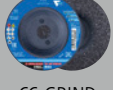


115	8	40	L (14 mm)	22.23	13,300	A-COOL	10	67689048	PFR 115-L A 40 SGP CURVE ALU
125	8	40	L (14 mm)	22.23	12,200	A-COOL	10	67689068	PFR 125-L A 40 SGP CURVE ALU

CC-GRIND grinding discs

The quick way to find the perfect tool

Product group selection

Application	Product line	Steel (STEEL)					Stainless steel (INOX)		
		... SOLID	... FLEX	... STRONG	... ROBUST	... VIEW	... SOLID	... ROBUST	... VIEW
- Surface grinding - Levelling - Work on weld seams - Chamfering - Deburring	Performance Line SG ★★☆☆								
	Special Line SGP ★★★★★								
Levelling butt welds	Performance Line SG ★★☆☆								
	Special Line SGP ★★★★★								

Performance Line SG ★★☆☆



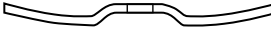
CC-GRIND SOLID SG STEEL ★★☆☆

Grinding disc for steel with high grinding performance and maximum tool life. Modern, high performance and ergonomic alternative to a grinding wheel. Suitable for surface grinding, chamfering, deburring and work on weld seams.



Special features:

- Extremely fast work progress due to highly aggressive abrasive grit and significantly improved surface compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 80% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
SOLID						
						
115	22.23	13,300	CO-COOL	10	64185115	CC-GRIND SOLID 115 SG STEEL
125	22.23	12,200	CO-COOL	10	64185125	CC-GRIND SOLID 125 SG STEEL
150	22.23	10,200	CO-COOL	10	64185150	CC-GRIND SOLID 150 SG STEEL
180	22.23	8,500	CO-COOL	10	64185180	CC-GRIND SOLID 180 SG STEEL



CC-GRIND grinding discs

Performance Line SG ★★☆☆



CC-GRIND SOLID SG INOX ★★☆☆

Grinding disc for stainless steel (INOX) with high grinding performance and maximum tool life. Modern, high performance and ergonomic alternative to a grinding wheel. Suitable for work on weld seams, as well as for chamfering and deburring.

Special features:

- Extremely fast work progress due to highly aggressive abrasive grit and significantly improved surface compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 80% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
SOLID						
115	22.23	13,300	CO-COOL	10	64186115	CC-GRIND SOLID 115 SG INOX
125	22.23	12,200	CO-COOL	10	64186125	CC-GRIND SOLID 125 SG INOX
180	22.23	8,500	CO-COOL	10	64186180	CC-GRIND SOLID 180 SG INOX



CC-GRIND FLEX SG STEEL ★★☆☆

Semi-flexible grinding disc for steel with high grinding performance and maximum tool life. Butt welds can be completely smoothed. Suitable for work on weld seams, as well as for chamfering and deburring.



Special features:

- Complete smoothing of butt welds – without dents or bumps.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 80% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
FLEX							
115	FINE	22.23	13,300	CO-COOL	10	64187115	CC-GRIND FLEX 115 SG STEEL FINE
	COARSE	22.23	13,300	CO-COOL	10	64188115	CC-GRIND FLEX 115 SG STEEL COARSE
125	FINE	22.23	12,200	CO-COOL	10	64187125	CC-GRIND FLEX 125 SG STEEL FINE
	COARSE	22.23	12,200	CO-COOL	10	64188125	CC-GRIND FLEX 125 SG STEEL COARSE



Clamping flange set for the CC-GRIND SOLID and CC-GRIND FLEX

The CC-GRIND clamping flange set optimally aligns the CC-GRIND SOLID and FLEX in the angle grinder protective guard. This means that the grinding discs can be positioned so that they are particularly flat against the workpiece, therefore maximizing efficiency.

Suitable for angle grinders		Item no.	Designation
Metric			
115 / 125 mm, M14 spindle	1	33500015	SFS CC-GRIND 115/125 M14
150 / 180 mm, M14 spindle	1	33500018	SFS CC-GRIND 150/180 M14
Imperial			
115 / 125 mm, 5/8"-11 spindle	1	33500115	SFS CC-GRIND 115/125 5/8"
150 / 180 mm, 5/8"-11 spindle	1	33500180	SFS CC-GRIND 150/180 5/8"



CC-GRIND STRONG SG STEEL ★★☆☆

The CC-GRIND STRONG is the stepping stone between the classic grinding wheel and the modern alternative CC-GRIND SOLID. Suitable for surface grinding, chamfering, deburring and work on weld seams.



Special features:

- Three times the tool life compared to CC-GRIND SOLID SG STEEL due to backer that also grinds and three abrasive layers.
- Extremely fast work progress due to highly aggressive abrasive grit and significantly improved surface compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 70% less dust.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
STRONG						
115	22.23	13,300	CO	10	64181115	CC-GRIND STRONG 115 SG STEEL
125	22.23	12,200	CO	10	64181125	CC-GRIND STRONG 125 SG STEEL



CC-GRIND grinding discs

Performance Line SG ★★☆☆



CC-GRIND ROBUST SG STEELOX ★★☆☆

Grinding disc for steel and stainless steel (INOX) with high grinding performance and maximum tool life. Suitable for surface grinding, chamfering, deburring, gradual fine grinding and work on weld seams.



Special features:

- Extremely fast work progress due to highly aggressive abrasive grit and significantly improved surface compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: Noise and vibrations are significantly reduced.
- Glass fibre reinforced plastic backer guarantees use that is as robust and safe as with a grinding wheel.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
ROBUST						
115	22.23	13,300	CO	10	64195115	CC-GRIND ROBUST 115 SG STEELOX
125	22.23	12,200	CO	10	64195125	CC-GRIND ROBUST 125 SG STEELOX

Special Line SGP ★★☆☆



CC-GRIND SOLID SGP STEEL with VICTOGRAIN abrasive grain ★★☆☆

Grinding disc with precision-moulded, triangular high-performance **VICTOGRAIN** abrasive for steel with maximum grinding performance and outstanding tool life. Suitable for surface grinding, chamfering, deburring and work on weld seams.

Special features:

- The ultimate in aggressive performance for ultra-fast work progress and significantly improved surfaces compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 80% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
SOLID						
115	22.23	13,300	VICTOGRAIN	10	64187116	CC-GRIND SOLID 115 SGP STEEL
125	22.23	12,200	VICTOGRAIN	10	64187126	CC-GRIND SOLID 125 SGP STEEL
150	22.23	10,200	VICTOGRAIN	10	64187150	CC-GRIND SOLID 150 SGP STEEL
180	22.23	8,500	VICTOGRAIN	10	64187180	CC-GRIND SOLID 180 SGP STEEL

CC-GRIND grinding discs

Special Line SGP ★★★★★



CC-GRIND SOLID SGP INOX with VICTOGRAIN abrasive grain ★★★★★

Grinding disc with precision-moulded, triangular high-performance abrasive **VICTOGRAIN** for stainless steel (INOX) with maximum grinding performance and outstanding tool life. Suitable for work on weld seams, as well as for chamfering and deburring.

Special features:

- The ultimate in aggressive performance for ultra-fast work progress and significantly improved surfaces compared to grinding wheels.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 80% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
SOLID						
115	22.23	13,300	VICTOGRAIN	10	64189115	CC-GRIND SOLID 115 SGP INOX
125	22.23	12,200	VICTOGRAIN	10	64189125	CC-GRIND SOLID 125 SGP INOX
180	22.23	8,500	VICTOGRAIN	10	64189180	CC-GRIND SOLID 180 SGP INOX



CC-GRIND FLEX SGP STEEL with VICTOGRAIN abrasive grain ★★★★★

Semi-flexible grinding disc with precision-formed, triangular high-performance **VICTOGRAIN** abrasive grain for steel with maximum grinding performance and outstanding tool life. Suitable for work on weld seams and for surface grinding.

Special features:

- Complete smoothing of butt welds – without dents or bumps.
- Significantly more ergonomic than a grinding wheel: 50% reduction in noise and vibrations, 70% less dust.
- Layered structure of the glass fibre backing pad guarantees use that is just as durable and safe as with a grinding wheel.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
FLEX							
115	COARSE	22.23	13,300	VICTOGRAIN-COOL	10	64188116	CC-GRIND FLEX 115 COARSE SGP STEEL
125	COARSE	22.23	12,200	VICTOGRAIN-COOL	10	64188126	CC-GRIND FLEX 125 COARSE SGP STEEL



Clamping flange set for the CC-GRIND SOLID and CC-GRIND FLEX

The CC-GRIND clamping flange set optimally aligns the CC-GRIND SOLID and FLEX in the angle grinder protective guard. This means that the grinding discs can be positioned so that they are particularly flat against the workpiece, therefore maximizing efficiency.

Suitable for angle grinders			Item no.	Designation
Metric				
115 / 125 mm, M14 spindle		1	33500015	SFS CC-GRIND 115/125 M14
150 / 180 mm, M14 spindle		1	33500018	SFS CC-GRIND 150/180 M14
Imperial				
115 / 125 mm, 5/8"-11 spindle		1	33500115	SFS CC-GRIND 115/125 5/8"
150 / 180 mm, 5/8"-11 spindle		1	33500180	SFS CC-GRIND 150/180 5/8"

