



Cut-off wheels, flap discs and grinding wheels



Cut-off wheels, flap discs and grinding wheels

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Cut-off wheels, flap discs and grinding wheels

Highlights from the PFERD TOOLS range



Thin cut-off wheels – flat type EHT (shape 41)

The PFERD TOOLS product range includes thin cut-off wheels in various designs and therefore the right tool solution for any application – ergonomically optimized, efficient and with the highest level of safety. The thin cut-off wheels from PFERD TOOLS are characterized by their special bond formulation. Scan the QR code to find out more about PFERD TOOLS' range of thin cut-off wheels.



Advantages:

- Thin cuts with minimal burr formation.
- Maximum economic efficiency thanks to fast cutting.
- Convenient and safe.

Flap discs POLIFAN POWER Z 40 and POLIFAN CURVE

PFERD TOOLS presents two real highlights from the flap disc range: the POLIFAN flap disc POLIFAN POWER Z 40 which is normally the most economical, and the innovative POLIFAN CURVE flap disc designed specifically for work on fillet welds. Scan the QR code to find out more about PFERD TOOLS' range of flap discs.



Advantages:

- Fastest work progress and maximum economic efficiency thanks to the aggressive stock removal rate on the POLIFAN POWER Z 40.
- The POLIFAN CURVE provides precise and optimum grinding of the fillet weld geometry.

CC-GRIND ROBUST and CC-GRIND VIEW grinding discs

With the CC-GRIND ROBUST and CC-GRIND VIEW, PFERD TOOLS offers a modern, high-performance and ergonomic alternative to grinding wheels, flap discs and fibre discs. Noise, vibrations and dust are significantly reduced. A considerably superior surface quality is also produced. In the SGP type, PFERD TOOLS also offers the CC-GRIND ROBUST and CC-GRIND VIEW with high-quality **VICTO**GRAIN. PFERD TOOLS' triangular, precision-formed abrasive grit achieves uniquely high abrasive performance. Scan the QR code to find out more about PFERD TOOLS' CC-GRIND VIEW.



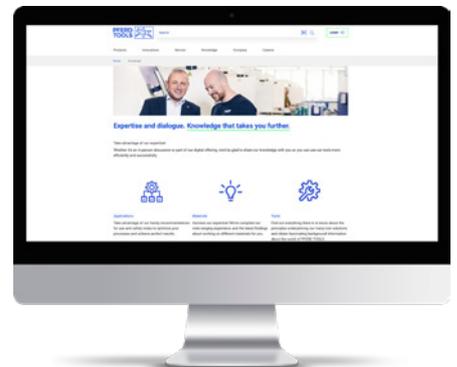
Advantages:

- The ultimate in aggressive performance for the fastest work progress.
- Combines the best available abrasive with the cutting-edge, innovative tool design from PFERD TOOLS.
- Although the **VICTO**GRAIN tools only have one layer of abrasive grain, they offer an outstanding tool life – longer than grinding wheels and many flap discs.

- In contrast to flap discs, they can achieve flat surfaces thanks to their dimensional stability.

More expert information online

Scan the QR code to find out a wide range of tool and application knowledge relating to PFERD TOOLS' high-quality tools and their huge variety of materials.



Cut-off wheels, flap discs and grinding wheels

General information



Organization for the Safety of Abrasives (oSa)

As a founding member of the Organization for the Safety of Abrasives (oSa), PFERD TOOLS has committed to conform to tougher inspection requirements that go beyond EN 12413 and EN 13743. Member companies of oSa are committed to continuous product safety and quality monitoring. Scan the QR code for further information.



Product lines and colour coding



Universal Line PSF ★★☆☆☆

The introductory range Universal Line PSF includes **robust tools** for processing the **most common materials**. Universal Line PSF tools achieve **good results** with **high economic efficiency**.



Performance Line SG ★★☆☆☆

The broad Performance Line SG range offers **a high-performance tool solution for every application and every material**. Performance Line SG tools achieve **optimum results** with **maximum economic efficiency**.



Special Line SGP ★★☆☆☆

Special Line SGP tools are specially developed for **specific tasks** and offer the user **key advantages over conventional products**. Furthermore, the Special Line SGP includes tools that offer **ultimate economic efficiency** thanks to their particularly high performance during use.

Materials and colour coding

Steel, cast steel	Steels up to 1,200 N/mm ² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, cast steel, tempering steels															
	Hardened, heat-treated steels over 1,200 N/mm ² (> 38 HRC)	Tool steels, tempering steels, alloyed steels, cast steel															
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels, e.g. <table border="1"> <thead> <tr> <th>Name</th> <th>EN</th> <th>AISI</th> </tr> </thead> <tbody> <tr> <td>V2A</td> <td>1.4301</td> <td>304</td> </tr> <tr> <td>V2A</td> <td>1.4310</td> <td>301</td> </tr> <tr> <td>V4A</td> <td>1.4401</td> <td>316</td> </tr> <tr> <td>V4A</td> <td>1.4571</td> <td>316Ti</td> </tr> </tbody> </table>	Name	EN	AISI	V2A	1.4301	304	V2A	1.4310	301	V4A	1.4401	316	V4A	1.4571	316Ti
Name	EN	AISI															
V2A	1.4301	304															
V2A	1.4310	301															
V4A	1.4401	316															
V4A	1.4571	316Ti															
Aluminium	Non-hardening and hardening wrought alloys, cast aluminium alloys with low silicon content, cast aluminium alloys without silicon																
Other non-ferrous metals	Soft non-ferrous metals	Brass, copper, zinc															
	Hard non-ferrous metals	Bronze, titanium															
	High-temperature-resistant materials	Inconel, nickel-based alloys															
Cast iron	Grey cast iron	Cast iron with flake graphite EN-GJL (GG), cast iron with nodular graphite/nodular cast iron EN-GJS (GGG)															
	Annealed cast iron	White annealed cast iron EN-GJMW (GTW), black annealed cast iron EN-GJMB (GTS)															
Stone	Asphalt, cotto, pumice, light concrete, sandstone, concrete, reinforced concrete, concrete blocks, roofing tiles, granite, clinker bricks, exposed aggregate concrete, glazed tiles, ceramic tiles, slate																

Cut-off wheels, flap discs and grinding wheels

Label and packaging

Label

① **oSa – Organization for the Safety of Abrasives**

As a founder member of oSa, PFERD TOOLS has voluntarily undertaken to produce quality tools conforming to the most exacting safety standards. Member companies of oSa are committed to continuous product safety and quality monitoring.

② **Safety pictograms**

③ **Expiry date and lot number**

④ **Material information**

The bottom section of every label indicates the material or materials for which the tool is suitable.

⑤ **Information bar**

Here you will find the product line, the dimensions, and the abrasive and grit size for POLIFAN flap discs.

⑥ **EAN (European Article Number)**

⑦ **Suitable for stainless steel (INOX)**

Manufactured without the addition of ferrous, chlorinated or sulphurous fillers.

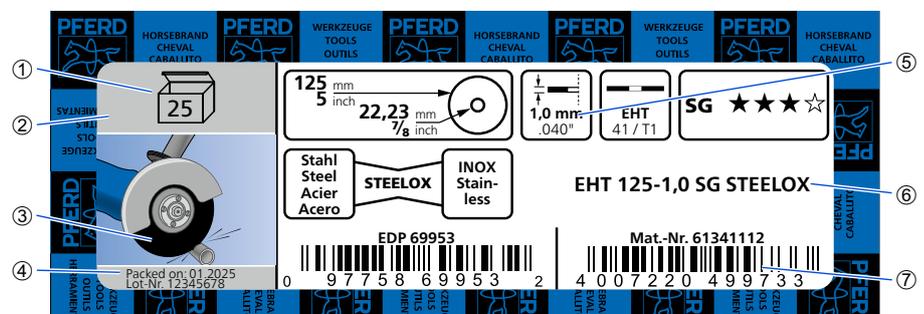


Packaging

PFERD TOOLS supplies cut-off wheels, flap discs and grinding wheels in robust industrial packaging that protects the tools against damage.

All important technical and ordering information can be found on the packaging label.

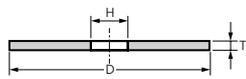
- ① Packaging unit
- ② Product line (colour coding system)
- ③ Tool type
- ④ Packing date and lot number
- ⑤ Technical information
- ⑥ PFERD TOOLS designation
- ⑦ EAN (European Article Number)



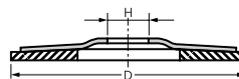
Cut-off wheels, flap discs and grinding wheels

Technical information and safety notes

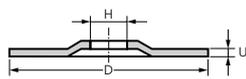
Overview of shapes and letter symbols



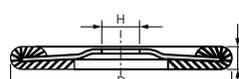
Cut-off wheel, flat type EHT (shape 41)



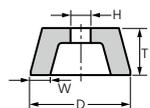
Flap disc, flat type PFF (shape A)



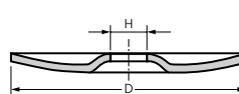
Grinding wheel E (shape 27) or cut-off wheel, depressed-centre type EH (shape 42)



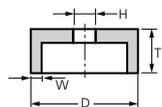
Flap disc, radial type PFR (CURVE)



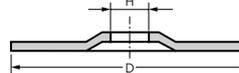
Conical cup wheel ETT (type 11)



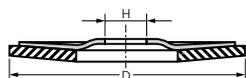
CC-GRIND SOLID, CC-GRIND ROBUST, CC-GRIND VIEW



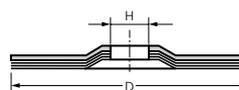
Cylindrical cup wheel ETT (shape 6)



CC-GRIND FLEX



Flap disc, conical type PFC (shape B)



CC-GRIND STRONG

Safety during cutting and grinding

Grinding tool manufacturers, machine manufacturers and users contribute equally to ensuring safety during cutting and grinding. PFERD TOOLS produces all its tools according to the specified safety regulations. During cutting and grinding, the user is responsible for correct use of the tool drive as well as correct handling and use of the tools.

Explanation of the labelling of grinding tools

■ Always observe the instructions on the grinding tool, the grinding machine and all accompanying user information.

- Only use grinding tools that meet current safety standards. These products carry the relevant EN standard number and the "oSa" mark:
 - EN 12413** for grinding tools with bonded abrasives (reinforced grinding wheels, cut-off wheels, cup wheels and grinding wheels).
 - EN 13743** for coated abrasives (POLIFAN flap discs, CC-GRIND grinding discs).
- Use a grinding tool that is suitable for the respective application. A tool that cannot be clearly identified should never be used.



- Grinding tools for hand-held grinding with bond types B (e.g. cup wheels) and BF (reinforced grinding wheels, cut-off wheels and grinding wheels) must not be used after the indicated expiry date in accordance with EN 12413. The expiry date is stated as the month and year, e.g. 04/2026. The bond type is always marked on the label.

Cut-off wheels, flap discs and grinding wheels

Technical information and safety notes

Safety notes

Observe any usage restrictions, warnings and safety notes:

-  Not permitted for hand-held grinding!
-  Not permitted for face grinding!
-  Not permitted for wet grinding!
-  Do not use if damaged!
-  Follow the safety instructions!
-  Wear eye protection!

-  Wear hearing protection!
-  Wear gloves!
-  Wear a dust mask!
-  Observe the minimum contact angle!
min. 10°
-  Use guard!
-  Only permitted for totally enclosed work areas!
-  Use face protection!

PFERD

TOOLS

Benutzerinformation
User information
信息
Užívateľské informácie
Información para el usuario
Informazione per utenti
Gebruikersinformatie
Informacja dla użytkownika
Instruções de utilização
Informations à destination des utilisateurs
Информация для пользователей
Användarinformation
Kullanıcı Bilgilendirme

Cut-off, grinding, and cup wheels are marked with an expiration date after which the product must not be used. Format is "EXP MM/YYYY", with MM being the month and YYYY the year. More information inside.

August Rüggeberg GmbH & Co. KG - PFERD-TOOLS
Hauptstrasse 13 · D-51709 Marienheide
www.pferd.com

252 241 06/2025

-  Only permitted with backing pad!
-  Only permitted for wet cutting!
-  Danger if used improperly!



Cut-off wheels

The quick way to find the perfect tool



Product group selection

Tool drive	Application	Product line	Steel (STEEL)			Stainless steel (INOX)		Aluminium (ALU)	Cast material (CAST)	Stone (STONE)
Angle grinders	Cutting	Universal Line PSF ★★☆☆	PSF STEEL	PSF STEELOX	PSF STEELOX		PSF ALU + STONE		PSF ALU+STONE	
		Performance Line SG ★★★☆	SG STEEL	SG STEELOX	SG INOX	SG STEELOX	SG ALU	Foundry cut-off wheels		
		Special Line SGP ★★★★★	CERAMIC SGP STEEL	SGP STEEL	SGP STEELOX	SGP STEELOX				
	Cutting and grinding	Universal Line PSF ★★☆☆	PSF DUO STEELOX			PSF DUO STEELOX				
		Performance Line SG ★★★☆							(ZIRKON) SG DUO CAST	
Straight grinders (< 100 mm)	Cutting	Performance Line SG ★★★☆	SG STEELOX			SG STEELOX	SG STEELOX	SG STEELOX		
Petrol cutters and cut-off grinders (> 230 mm)	Cutting	Universal Line PSF ★★☆☆	PSF STEEL							
		Performance Line SG ★★★☆	SG STEEL						SG CAST + STONE	SG STONE

Cut-off wheel width selection

Diameter 50–125 mm

Thin cut-off wheels	0.8 mm	Maximum precision and cutting quality for sheet metal work
	1.0 mm	Universal width with a focus on speed, comfort and cutting quality
	1.3 and 1.6 mm	Universal width with a focus on tool life and comfort
Cut-off wheels	≥ 1.9 mm	Heavy-duty use

Diameter 150–230 mm

Thin cut-off wheels	≤ 2.0 mm	Universal width with a focus on speed, comfort and cutting quality
Cut-off wheels	2.5 mm	Universal width with a focus on tool life and comfort
	≥ 2.9 mm	Heavy-duty use



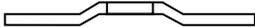
PSF STEEL ★★☆☆

Cut-off wheel for steel with high cutting performance and good tool life. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Fast work progress thanks to good cutting performance.
- High economic efficiency due to good tool life.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
115	1	22.23	13,300	A	25	69902679	EHT 115-1.0 PSF STEEL/2
180	3	22.23	8,500	A	25	69902016	EHT 180-3.0 PSF STEEL
230	3	22.23	6,600	A	25	69902489	EHT 230-3.0 PSF STEEL
Depressed-centre design EH (shape 42) 							
180	3	22.23	8,500	A	25	69902013	EH 180-3.0 PSF STEEL
230	3	22.23	6,600	A	25	69902487	EH 230-3.0 PSF STEEL



PSF STEELOX ★★☆☆

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance and good tool life. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Fast work progress due to high cutting performance and high efficiency thanks to excellent tool life.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.
- Thin cut-off wheels are ideal for cordless angle grinders.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
76	1	10	20,100	A	10	69198287	EHT 76-1.0 PSF STEELOX/10.0 (10)



Cut-off wheels

Universal Line PSF ★★☆☆



Starter kit PSF STEELOX ★★☆☆

The PFERD TOOLS PSF STEELOX cut-off wheel starter kit contains 5 cut-off wheels for working on hard-to-reach areas on steel and stainless steel (INOX). Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Contents:

The start kit contains 5 EHT 76-1.0 PSF STEELOX/10.0 cut-off wheels and 1 BO 6/6 0-4 arbor.

Special features:

- Fast work progress due to high cutting performance and high efficiency thanks to excellent tool life.
- Thin cuts with minimal burr formation.
- Sturdy arbor with maximum shank break-age resistance.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41)							
76	1	10	20,100	A	1	69198288	STARTKIT EHT 76-1,0 PSF STEELOX/10 (5+1)



PSF DUODISC STEELOX ★★☆☆ combination wheel

Combination wheel for steel and stainless steel (INOX) with high cutting performance and good tool life. Suitable for cutting, deburring, grouting, surface grinding, and for work on fillet welds and weld seams.



Special features:

- Safe, standard-compliant solution for cutting and face grinding with just one tool.
- Ideal for cordless angle grinders.
- Problem solver for grinding work on scale.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Depressed-centre design E (type 27)							
115	1.9	22.23	13,300	A	10	62011630	E 115-1,9 PSF DUO STEELOX
	2.8	22.23	13,300	A	10	62011620	E 115-2,8 PSF DUO STEELOX
150	3.5	22.23	10,200	A	1	62015420	E 150-3,5 PSF DUO STEELOX



PSF ALU + STONE ★★☆☆

Cut-off wheel with high cutting performance and good tool life for use on aluminium, titanium, other non-ferrous metals, stone, concrete, tiles, duroplastics, cast iron. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Fast work progress thanks to good cutting performance.
- Thin cut-off wheels are ideal for cordless angle grinders.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
115	1	22.23	13,300	C	25	61818010	EHT 115-1,0 PSF ALU+STONE

Performance Line SG ★★☆☆



SG STEEL ★★☆☆

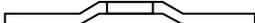
Cut-off wheel for steel with high cutting performance and maximum tool life. Suitable for cutting profiles and solid material, and for cutting out holes.



Special features:

- Fast work progress thanks to good cutting performance.
- Thin cut-off wheels are ideal for cordless angle grinders.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
100	2.4	16	15,300	A	25	69902048	EHT 100-2.4 SGSTEEL/16.0
115	1	22.23	13,300	A	25	61340382	EHT 115-1,0 SG STEEL
	1.6	22.23	13,300	A	25	69902521	EHT 115-1.6 SG STEEL
	2.4	22.23	13,300	A	25	69902485	EHT 115-2.4 SG STEEL
125	2.4	22.23	12,200	A	25	69902054	EHT 125-2.4 SG STEEL
150	3	22.23	10,200	A	25	69902173	EHT 150-3.0 SG STEEL
180	2.9	22.23	8,500	A	25	69902057	EHT 180-2.9 SG STEEL
230	2.5	22.23	6,600	A	25	69902522	EHT 230-2.5 SG STEEL
	3.2	22.23	6,600	A	25	69902061	EHT 230-3.2 SG STEEL

Depressed-centre design EH (shape 42) 							
115	3.2	22.23	13,300	A	25	69902028	EH 115-3.2 SG STEEL
125	3.2	22.23	12,200	A	25	69902032	EH 125-3.2 SG STEEL

Continued on next page

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
180	3.2	22.23	8,500	A	25	69902039	EH 180-3.2 SG STEEL
230	3.2	22.23	6,600	A	25	69902043	EH 230-3.2 SG STEEL



SG STEELOX ★★☆☆

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance and maximum tool life. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Fast work progress thanks to good cutting performance.
- Maximum economic efficiency due to maximum tool life.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Flat design EHT (shape 41)

100	2.4	16	15,300	A	25	69902049	EHT 100-2.4 SG STEELOX/16.0
115	1	22.23	13,300	A	25	61340412	EHT 115-1,0 SG STEELOX
	1	75650497				EHT 115-1.0 SG STEELOX (10)	
	1.6	22.23	13,300	A	25	69902335	EHT 115-1.6 SG STEELOX
	2.4	22.23	13,300	A	25	69902053	EHT 115-2.4 SG STEELOX
125	1	22.23	12,200	A	25	61341112	EHT 125-1,0 SG STEELOX
	2.4	22.23	12,200	A	25	69902055	EHT 125-2.4 SG STEELOX
150	2.5	22.23	10,200	A	25	69902295	EHT 150-2.5 SG STEELOX
180	2.5	22.23	8,500	A	25	69902060	EHT 180-2.5 SG STEELOX
230	2	22.23	6,600	A	25	69902334	EHT 230-2.0 SG STEELOX
	2.5	22.23	6,600	A	25	69902063	EHT 230-2.5 SG STEELOX
	3.2	22.23	6,600	A	25	69902064	EHT 230-3.2 SG STEELOX

Depressed-centre design EH (shape 42)

115	2.4	22.23	13,300	A	25	69902026	EH 115-2.4 SG STEELOX
	3.2	22.23	13,300	A	25	69902347	EH 115-3.2 SG STEELOX
180	2.5	22.23	8,500	A	25	69902040	EH 180-2.5 SG STEELOX
230	3.2	22.23	6,600	A	25	69902047	EH 230-3.2 SG STEELOX



SG ALU ★★☆☆

Cut-off wheel for aluminium and other non-ferrous metals with high cutting performance and maximum tool life. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Special abrasive mixture and bond technology prevent the cut-off wheel clogging up, even on soft, tough aluminium.
- Does not contain any fillers that could leave undesirable residues on the work-piece. The surface can therefore be welded immediately.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
115	1	22.23	13,300	A/C	25	61340415	EHT 115-1,0 SG ALU
	1.6	22.23	13,300	A/C	25	61340425	EHT 115-1,6 SG ALU
125	1	22.23	12,200	A/C	25	61341115	EHT 125-1,0 SG ALU
	1.6	22.23	12,200	A/C	25	61341225	EHT 125-1,6 SG ALU
230	2.9	22.23	6,600	A/C	1	61328323	EHT 230-2,9 SG ALU



SG STONE ★★☆☆

Cut-off wheel for concrete and stone with high cutting performance and maximum tool life. Suitable for cutting aluminium, cast iron, concrete, stone, tile and other non-ferrous metals.

Special features:

- Fast work progress thanks to good cutting performance.
- Maximum economic efficiency due to maximum tool life.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41) 							
100	2.4	16	15,300	C	25	69902050	EHT 100-2.4 SG STONE/16.0
115	2.4	22.23	13,300	C	25	69900067	EHT 115-2.4 SG STONE
125	2.4	22.23	12,200	C	25	69902056	EHT 125-2.4 SG STONE
180	3.2	22.23	8,500	C	25	69902059	EHT 180-3.2 SG STONE
230	3.2	22.23	6,600	C	25	69902062	EHT 230-3.2 SG STONE
Depressed-centre design EH (shape 42) 							
230	3.2	22.23	6,600	C	25	69902045	EH 230-3.2 SG STONE

Cut-off wheels

Special Line SGP ★★★★★



SGP STEELOX ★★★★★

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance and an excellent tool life. Suitable for cutting thin sheet and profiles, and for cutting out holes.



Special features:

- Excellent tool life on thin sheet metal and profiles thanks to wear-resistant bond system.
- Fast work progress thanks to good cutting performance.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.

D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41)							
115	0.8	22.23	13,300	A	25	61340394	EHT 115-0,8 SGP STEELOX

Clamping flanges



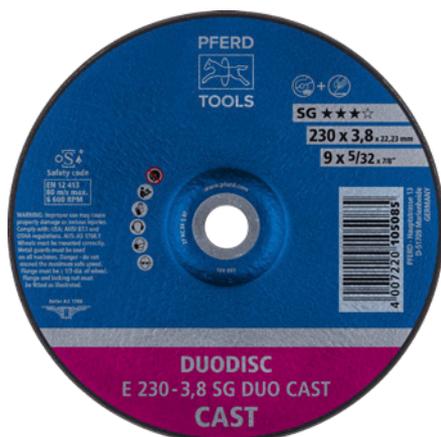
Clamping flange set for thin 180/230 mm cut-off wheels

Clamping flange set for increasing lateral stability and precise guidance in order to prevent wobbling, especially when using cut-off wheels from 1.6 to 2.0 mm in width with diameters of 180 and 230 mm. The set can be used with any standard angle grinder with an M14 or 5/8"-11 drive spindle.

For angle grinders with a spindle	D [mm]		Item no.	Designation
M 14	76	1	33500760	SFS 76 M14

DUODISC for foundries and fettling shops

Performance Line SG ★★☆☆



SG DUODISC CAST combination disc ★★☆☆

The DUODISC combination wheel is the solution for safe cutting and grinding in harsh conditions in foundries and fettling shops using just one tool. Suitable for work on grey/nodular cast iron (GG/GJL, GGG/GJS) and for cutting, surface grinding and deburring.



Special features:

- Safe, standard-compliant solution for cutting and face grinding with just one tool.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design E (type 27)



230	3.8	22.23	6,600	A/C	25	69902635	E 230-3.8 SG DUO CAST
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Cut-off wheels for straight grinders

Performance Line SG ★★☆☆



SG STEELOX ★★☆☆

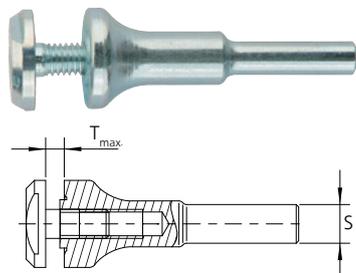
Universal cut-off wheel for a range of materials, for use on straight grinders. Suitable for cutting sheet metal, profiles and solid material, and for cutting out holes.



Special features:

- Ideal for hard-to-reach areas.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.
- Maximum economic efficiency due to maximum tool life.

D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design EHT (shape 41)							
50	0.8	6	30,600	A	1	65505008	EHT 50-0,8 SG STEELOX/6,0
	1	6	30,600	A	50	65505000	EHT 50-1,0 SG STEELOX/6,0
	1.4	6	30,600	A	50	65505010	EHT 50-1,4 SG STEELOX/6,0
65	0.8	6	23,500	A	1	65506008	EHT 65-0,8 SG STEELOX/6,0
		10	23,500	A	1	65506009	EHT 65-0,8 SG STEELOX/10,0
76	0.8	6	20,100	A	1	65508009	EHT 76-0,8 SG STEELOX/6,0
		10	20,100	A	1	65508008	EHT 76-0,8 SG STEELOX/10,0
	1	6	20,100	A	50	65508000	EHT 76-1,0 SG STEELOX/6,0
		10	20,100	A	50	65508001	EHT 76-1,0 SG STEELOX/10,0
	1.4	10	20,100	A	50	65508011	EHT 76-1,4 SG STEELOX/10,0



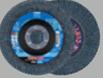
Arbor for small cut-off wheels

Accessory for mounting small cut-off wheels on straight grinders. Sturdy version with maximum shank breakage resistance.

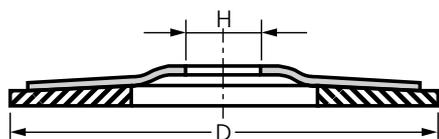


S [mm]	Suitable for hole diameter [mm]	T _{max} [mm]		Item no.	Designation
6	6	0-4	1	33510000	BO 6/6 0-4
	10	0-4	1	33512000	BO 6/10 0-4

Product group selection

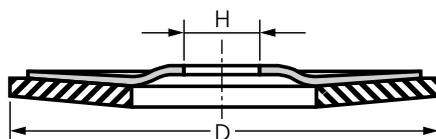
Application	Product line	Steel (STEEL)			Stainless steel (INOX)		Aluminium (ALU)	
<ul style="list-style-type: none"> Surface grinding Work on weld seams 	Universal Line PSF ★★☆☆☆	 Z PSF STEELOX	 Z PSF TRIM STEELOX	 A PSF STEELOX	 Z PSF STEELOX	 Z PSF TRIM STEELOX		
	Performance Line SG ★★★☆☆	 Z SG POWER STEELOX	 Z SG POWER TRIM STEELOX	 A SG STEELOX	 CO-FREEZE SG INOX	 A-COOL SG INOX + ALU	 A-COOL SG INOX + ALU	
	Special Line SGP ★★★★★	 Z SGP STRONG STEEL	 Z SGP POLIFAN FORCE		 CO-FREEZE SGP STRONG INOX			
<ul style="list-style-type: none"> Chamfering Deburring 	Universal Line PSF ★★☆☆☆	 Z PSF STEELOX	 Z PSF TRIM STEELOX		 Z PSF STEELOX	 Z PSF TRIM STEELOX		
	Performance Line SG ★★★☆☆	 Z SG POWER STEELOX	 Z SG POWER TRIM STEELOX	 Z SG DURABLE STEEL	 CO-COOL SG STEELOX	 Z SG POWER STEELOX	 Z SG POWER TRIM STEELOX	 A-COOL SG INOX + ALU
	Special Line SGP ★★★★★	 Z SGP STRONG STEEL	 Z SGP POLIFAN FORCE					
<ul style="list-style-type: none"> Work on fillet welds 	Special Line SGP ★★★★★	 Z SGP CURVE STEELOX			 CO SGP CURVE STEELOX		 A SGP CURVE ALU	

Shape selection



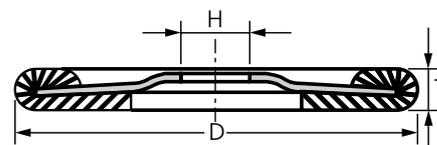
Flat design PFF

Larger grinding area for surface grinding. Optimum exploitation of the flap configuration at a contact angle of 0–15°.



Conical type PFC

Narrower grinding area for work on weld seams, chamfering and deburring. Optimum exploitation of the flap configuration at a contact angle of 10–25°.



Radial type PFR (CURVE)

The specialist for work on fillet welds. After the circumference has worn down, can continue to be used as a conventional flap disc.

POLIFAN flap discs

The quick way to find the perfect tool



Grit size selection

Note: With POLIFAN flap discs, grit that is one grade coarser can be selected in order to achieve the same surface as with fibre discs.

	Grit size			
	36/40	50/60	80	120
Application	Work on weld seams			
	Chamfering			
	Deburring			
	Surface grinding for refining the surface			

Universal Line PSF ★★☆☆



A PSF STEELOX ★★☆☆

POLIFAN flap disc for steel and stainless steel (INOX) with high stock removal rate and good tool life. Suitable for surface grinding and work on weld seams.



Special features:

- Fast work progress and high economic efficiency thanks to the good stock removal rate.
- Good tool life.
- Also ideal for cordless angle grinders.

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



115	40	22.23	13,300	A	10	67744115	PFC 115 A 40 PSF STEELOX
	60	22.23	13,300	A	10	67746115	PFC 115 A 60 PSF STEELOX
	80	22.23	13,300	A	10	67748115	PFC 115 A 80 PSF STEELOX
	120	22.23	13,300	A	10	67749115	PFC 115 A 120 PSF STEELOX
180	40	22.23	8,500	A	10	67744185	PFC 180 A 40 PSF STEELOX
	60	22.23	8,500	A	10	67746185	PFC 180 A 60 PSF STEELOX



Z PSF STEELOX ★★☆☆

POLIFAN flap disc for steel and stainless steel (INOX) with aggressive stock removal rate and good tool life. Suitable for surface grinding, chamfering, deburring and work on weld seams.

Special features:

- Fast work progress and high economic efficiency thanks to the aggressive stock removal rate.
- Good tool life.
- Also suitable for low-power angle grinders.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Flat design PFF 							
115	40	22.23	13,300	Z	10	69301076	PFF 115 Z 40 PSF STEELOX
	60	22.23	13,300	Z	10	69301077	PFF 115 Z 60 PSF STEELOX
	80	22.23	13,300	Z	10	69301078	PFF 115 Z 80 PSF STEELOX
180	40	22.23	8,500	Z	10	69301079	PFF 180 Z 40 PSF STEELOX
	60	22.23	8,500	Z	10	69301080	PFF 180 Z 60 PSF STEELOX

Conical type PFC 							
115	120	22.23	13,300	Z	10	69301071	PFC 115 Z 120 PSF STEELOX
	40	22.23	13,300	Z	10	69301068	PFC 115 Z 40 PSF STEELOX
	60	22.23	13,300	Z	10	69301069	PFC 115 Z 60 PSF STEELOX
	80	22.23	13,300	Z	10	69301070	PFC 115 Z 80 PSF STEELOX
180	40	22.23	8,500	Z	10	69301072	PFC 180 Z 40 PSF STEELOX
	60	22.23	8,500	Z	10	69301073	PFC 180 Z 60 PSF STEELOX
	80	22.23	8,500	Z	10	69301074	PFC 180 Z 80 PSF STEELOX
	120	22.23	8,500	Z	10	67769185	PFC 180 Z 120 PSF STEELOX



Z PSF TRIM STEELOX ★★☆☆

POLIFAN flap disc for steel and stainless steel (INOX) with aggressive stock removal rate and good tool life. Suitable for surface grinding, chamfering, deburring, gradual fine grinding and work on weld seams.

Special features:

- Fast work progress and high economic efficiency thanks to the aggressive stock removal rate.
- Trimming the tool enables the abrasive to be used optimally.
- Also suitable for low-power angle grinders.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Conical type PFC 							
115	40	22.23	13,300	Z	10	67771114	PFC 115 Z 40 PSF TRIM STEELOX
	60	22.23	13,300	Z	10	67771116	PFC 115 Z 60 PSF TRIM STEELOX
	80	22.23	13,300	Z	10	67771118	PFC 115 Z 80 PSF TRIM STEELOX



POLIFAN flap discs

Performance Line SG ★★☆☆



A SG STEELOX ★★☆☆

POLIFAN flap disc for steel and stainless steel (INOX) with high stock removal rate and very long tool life. Suitable for surface grinding and work on weld seams.



Special features:

- Fast work progress and high economic efficiency thanks to the good stock removal rate.
- Fewer tool changes due to the very long tool life.

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	A	10	67604115	PFF 115 A 40 SG STEELOX
	60	22.23	13,300	A	10	67606115	PFF 115 A 60 SG STEELOX
	80	22.23	13,300	A	10	67608115	PFF 115 A 80 SG STEELOX
	120	22.23	13,300	A	10	67612115	PFF 115 A 120 SG STEELOX
180	40	22.23	8,500	A	10	67604185	PFF 180 A 40 SG STEELOX
	60	22.23	8,500	A	10	67606185	PFF 180 A 60 SG STEELOX
	80	22.23	8,500	A	10	67608185	PFF 180 A 80 SG STEELOX
	120	22.23	8,500	A	10	67612185	PFF 180 A 120 SG STEELOX



Z SG POWER STEELOX ★★☆☆

The POLIFAN Z SG POWER STEELOX flap disc stands out due to its aggressive stock removal rate and excellent tool life while achieving maximum efficiency. Suitable for work on weld seams, as well as for chamfering and deburring.



Special features:

- Fast work progress and maximum economic efficiency thanks to the aggressive stock removal rate.
- Maximum aggressiveness over the entire tool life.
- Fewer tool changes due to the excellent tool life.

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



115	40	22.23	13,300	Z	1	67784115	PFC 115 Z 40 SG POWER STEELOX
	50	22.23	13,300	Z	10	67785116	PFC 115 Z 50 SG POWER STEELOX
	60	22.23	13,300	Z	1	67786115	PFC 115 Z 60 SG POWER STEELOX
	80	22.23	13,300	Z	10	67788116	PFC 115 Z 80 SG POWER STEELOX
180	40	22.23	8,500	Z	1	67784185	PFC 180 Z 40 SG POWER STEELOX
	60	22.23	8,500	Z	1	67786185	PFC 180 Z 60 SG POWER STEELOX

POLIFAN flap discs

Special Line SGP ★★★★★



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	1	67788115	PFC 115 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 discoloration 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
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



POLIFAN flap discs

Special Line SGP ★★★★★



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



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 discoloration, 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

POLIFAN flap discs

Special Line SGP ★★★★★



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.

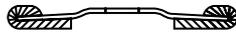
Special features:

- 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	1	67689048	PFR 115-L A 40 SGP CURVE ALU
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Product group selection

Application	Product line	Steel (STEEL)					Stainless steel (INOX)		
		... SOLID	... FLEX	... STRONG	... ROBUST	... VIEW	... SOLID	... ROBUST	... VIEW
<ul style="list-style-type: none"> Surface grinding Levelling Work on weld seams Chamfering Deburring 	Performance Line SG ★★★☆								
	Special Line SGP ★★★★★								
<ul style="list-style-type: none"> 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
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
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	1	64187115	CC-GRIND FLEX 115 SG STEEL FINE
	COARSE	22.23	13,300	CO-COOL	1	64188115	CC-GRIND FLEX 115 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



CC-GRIND grinding discs

Performance Line SG ★★☆☆



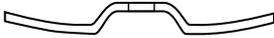
CC-GRIND ROBUST SG STEELOX ★★☆☆

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



CC-GRIND grinding discs

Special Line SGP ★★★★★



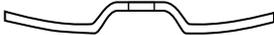
CC-GRIND ROBUS T125 SGP STEELOX with VICTO GRAIN abrasive grain ★★★★★

Grinding disc with precision-moulded, triangular high-performance **VICTO GRAIN** abrasive for steel and stainless steel (INOX) with the ultimate grinding performance and outstanding tool life. Suitable for surface grinding, chamfering, deburring and work on weld seams.



Special features:

- Thanks to the adapted geometry, the use of a special clamping flange set and a backer is not necessary.
- 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
ROBUS						
						
115	22.23	13,300	VICTO GRAIN	10	64195116	CC-GRIND ROBUS 115 SGP STEELOX
125	22.23	12,200	VICTO GRAIN	10	64195126	CC-GRIND ROBUS 125 SGP STEELOX



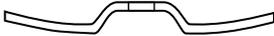
CC-GRIND VIEW SGP STEELOX with VICTO GRAIN abrasive grain ★★★★★

Grinding disc with unique design and the **VICTO GRAIN** high-performance abrasive grain. The viewing pane enables users to work precisely whilst monitoring the work process. Suitable for surface grinding, chamfering, deburring and work on weld seams.



Special features:

- Users can ensure an optimal contact angle based on the sparking in the middle of the viewing pane.
- 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
VIEW						
						
125	22.23	12,200	VICTO GRAIN	10	64196126	CC-GRIND VIEW 125 SGP STEELOX

Grinding wheels

The quick way to find the perfect tool



Product group selection

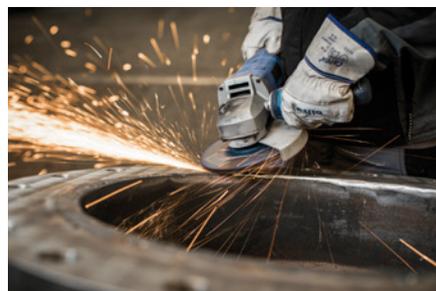
Application	Product line	Steel (STEEL)			Stainless steel (INOX)		Aluminium (ALU)	Cast material (CAST)
<ul style="list-style-type: none"> Surface grinding Work on weld seams Chamfering Deburring Fillet weld grinding Work on root seams Grouting 	Universal Line PSF ★★☆☆							
	Performance Line SG ★★★☆							
	Special Line SGP ★★★★★							

Universal Line PSF ★★☆☆



PSF STEEL ★★☆☆

Grinding wheel for steel and cast iron with high grinding performance and good tool life. Suitable for surface grinding, grouting, chamfering, deburring, and for work on weld seams and fillet welds.



Special features:

- Fast work progress and high economic efficiency thanks to the high grinding performance.
- Good tool life and soft grinding characteristics, outstanding grinding results even at low contact pressure.
- Also suitable for low-power angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design E (type 27)



100	6.3	16	15,300	A	10	69902089	E 100-6 PSF STEEL/16.0
115	7.2	22.23	13,300	A	10	69902091	E 115-7 PSF STEEL
125	7.2	22.23	12,200	A	10	69902093	E 125-7 PSF STEEL
180	7.2	22.23	8,500	A	10	69220575	E 180-7 PSF STEEL
230	7.2	22.23	6,600	A	10	69902097	E 230-7 PSF STEEL



PSF STEELOX ★★☆☆☆

Grinding wheel for steel and stainless steel (INOX) with high grinding performance and good tool life. Suitable for surface grinding, grouting, chamfering and for work on weld seams and fillet welds.

Special features:

- Fast work progress and high economic efficiency thanks to the high grinding performance.
- Good tool life and soft grinding characteristics, outstanding grinding results even at low contact pressure.
- Also suitable for low-power angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Depressed-centre design E (type 27) 							
100	6.3	16	15,300	A	10	69902090	E 100-6 PSF STEELOX/16.0
115	7.2	22.23	13,300	A	10	69902092	E 115-7 PSF STEELOX
125	7.2	22.2	12,200	A	10	69902100	E 125-7 PSF STEELOX
180	7.2	22.23	8,500	A	10	69902105	E 180-7 PSF STEELOX
230	7.2	22.23	6,600	A	10	69902102	E 230-7 PSF STEELOX

Performance Line SG ★★☆☆☆



SG STEEL ★★☆☆☆

Grinding wheel for steel with high grinding performance and very good tool life. Suitable for surface grinding, grouting, chamfering and for work on weld seams and fillet welds.



Special features:

- Fast work progress and maximum economic efficiency thanks to the high grinding performance.
- Fewer tool changes due to the very good tool life.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Depressed-centre design E (type 27) 							
100	5.2	16	15,300	A	10	69902108	E 100-5.2 SG STEEL/16.0
115	4.1	22.23	13,300	A	10	69902148	E 115-4.1 SG STEEL
	7.2	22.23	13,300	A	10	69902120	E 115-7 SG STEEL
150	7.2	22.23	10,200	A	10	69902171	E 150-7 SG STEEL
180	7.2	22.23	8,500	A	10	69902115	E 180-7 SG STEEL
230	4.1	22.23	6,600	A	10	69902400	E 230-4.1 SG STEEL
	7.2	22.23	6,600	A	10	69902121	E 230-7 SG STEEL
						69902126	E 230-7 SG STEEL



Grinding wheels

Performance Line SG ★★☆☆



SG INOX ★★☆☆

Grinding wheel for stainless steel (INOX) with high grinding performance and very good tool life. Suitable for surface grinding, grouting, chamfering and for work on weld seams and fillet welds.



Special features:

- Soft grinding characteristics for cool grinding on stainless steel (INOX).
- Fast work progress and maximum economic efficiency thanks to the high grinding performance.
- Fewer tool changes due to the very good tool life.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design E (type 27)



115	7.2	22.23	13,300	A	10	69902375	E 115-7 SG INOX
150	7.2	22.23	10,200	A	10	69902172	E 150-7 SG INOX
180	7.2	22.23	8,500	A	10	69902117	E 180-7 SG INOX
230	5.2	22.23	6,600	A	10	69902132	E 230-5.2 SG INOX
	7.2	22.23	6,600	A	10	69902125	E 230-7 SG INOX



Grinding wheels for foundries

Performance Line SG ★★☆☆



SG CAST ★★☆☆

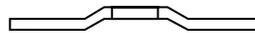
Grinding wheel optimized for use on grey/nodular cast iron (GG/GJL, GGG/GJS), casting scale with sand contamination and metal contamination, with high grinding performance and very good tool life. Suitable for surface grinding, chamfering and deburring.

Special features:

- Very fast work progress and high efficiency thanks to high grinding performance and good tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design E (type 27)



230	7.2	22.23	6,600	A	10	69902678	E 230-7 SG CAST
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SG CAST + ALU ★★☆☆

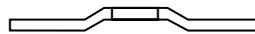
Grinding wheel optimized for use on grey/nodular cast iron (GG/GJL, GGG/GJS), casting scale with sand contamination and metal contamination, and hard aluminium alloys with high grinding performance and very good tool life. Suitable for surface grinding, chamfering and deburring.

Special features:

- Very fast work progress and high efficiency thanks to high grinding performance and very good tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design E (type 27)



230	5.2	22.23	6,600	A/C	10	69902135	E 230-5.2 SG CAST+ALU
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Grinding wheels for foundries

Performance Line SG ★★☆☆



SG CAST + STONE ★★☆☆

Grinding wheel optimized for use on cast iron, casting scale, stone, concrete and hard aluminium alloys with high grinding performance and very good tool life. Suitable for surface grinding, chamfering and deburring.

Special features:

- Very fast work progress and high efficiency thanks to high grinding performance and very good tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
Depressed-centre design E (type 27)							
							
230	7.2	22.23	6,600	C	10	69902128	E 230-7 SG CAST+STONE



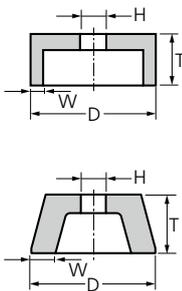
Cup wheels

The quick way to find the perfect tool

Product group selection

Application	Steel (STEEL)	Stainless steel (INOX)	Cast material (CAST)	Stone (STONE)
Surface grinding	SG STEELOX A 16	SG STEELOX A 16	SG CAST + STONE C 16	SG CAST + STONE C 16-80
Work on weld seams			-	-
Chamfering	SG STEELOX A 24	SG STEELOX A 24	SG CAST + STONE C 24	SG CAST + STONE C 60/80
Deburring	SG STEELOX A 36/80	SG STEELOX A 36/80	SG CAST + STONE C 30	-

Performance Line SG ★★☆☆☆



SG CAST + STONE ★★☆☆☆

Cup wheel for use on cast iron, casting scale, concrete and stone with high grinding performance and good tool life. Suitable for chamfering, deburring and surface grinding.

Special features:

- High grinding performance.
- Good tool life.

D [mm]	Grit size	H [mm]	T [mm]	W [mm]	Max. RPM	Abrasive		Item no.	Designation
Conical cup wheel ETT (type 11) 									
110	16	22.23	55	20	8,600	C	2	63518222	50 ETT 110-20 C 16 SG CAST+STONE





SG STEEL + INOX + CAST ★★☆☆

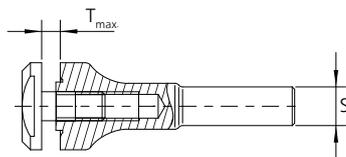
Grinding wheel for use on steel, cast steel, stainless steel (INOX) and cast iron, with high grinding performance and good tool life for work in hard-to-reach areas. Suitable for chamfering, deburring, grouting, and for work on weld seams.



Special features:

- High grinding performance.
- Good tool life.

D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
ER (type 1) design							
50	6.2	6	19,100	A	20	65305060	ER 50-6 SG STEEL+INOX+CAST/6,0



Arbor for snagging wheels

Accessory for mounting snagging wheels on straight grinders. Sturdy version with maximum shank breakage resistance.



S [mm]	Suitable for hole diameter [mm]	T _{max} [mm]		Item no.	Designation
6	6	3 – 10	1	42400006	BO 6/6 3-10

