



# 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 **VICTOGRAIN**. 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.



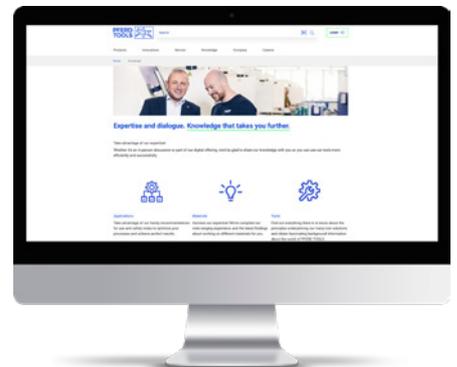
### Advantages:

- 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 **VICTOGRAIN** 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 <sup>2</sup> (< 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 <sup>2</sup> (> 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.

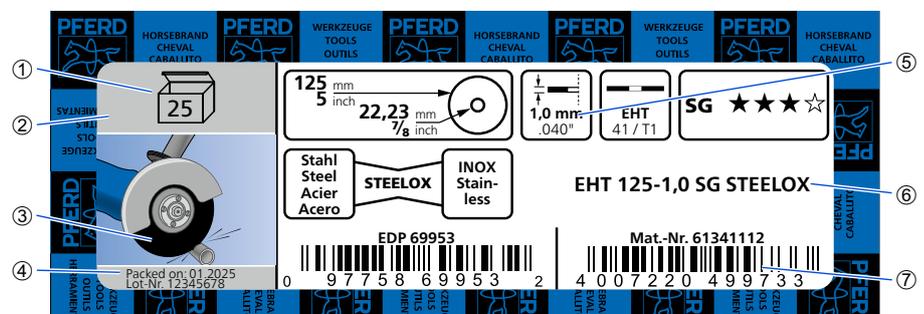


### Packaging

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)

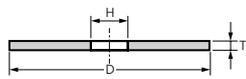


# Cut-off wheels, flap discs and grinding wheels

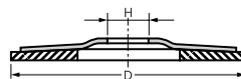
Technical information and safety notes



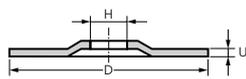
## Overview of shapes and letter symbols



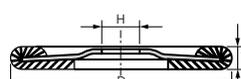
Cut-off wheel, flat type EHT (shape 41)



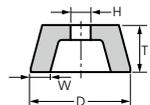
Flap disc, flat type PFF (shape A)



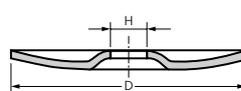
Grinding wheel E (shape 27) or cut-off wheel, depressed-centre type EH (shape 42)



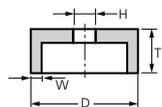
Flap disc, radial type PFR (CURVE)



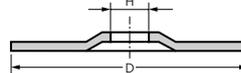
Conical cup wheel ETT (type 11)



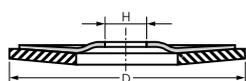
CC-GRIND SOLID, CC-GRIND ROBUST, CC-GRIND VIEW



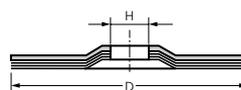
Cylindrical cup wheel ETT (shape 6)



CC-GRIND FLEX



Flap disc, conical type PFC (shape B)



CC-GRIND STRONG

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## 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
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### Flat design EHT (shape 41)

100	2.4	16	15,300	A	25	61741116	EHT 100-2,4 PSF STEEL/16,0
105	1	16	14,500	A	25	69121029	EHT 105-1,0 PSF STEEL/16,0
115	1	22.23	13,300	A	25	61730010	EHT 115-1,0 PSF STEEL
	1.6	22.23	13,300	A	25	61730021	EHT 115-1,6 PSF STEEL
	2.4	22.23	13,300	A	25	61730026	EHT 115-2,4 PSF STEEL
125	1	22.23	12,200	A	25	61719010	EHT 125-1,0 PSF STEEL
	1.6	22.23	12,200	A	25	61719021	EHT 125-1,6 PSF STEEL
	2.4	22.23	12,200	A	25	61719026	EHT 125-2,4 PSF STEEL
150	1.6	22.23	10,200	A	25	61721221	EHT 150-1,6 PSF STEEL
180	1.6	22.23	8,500	A	25	61719121	EHT 180-1,6 PSF STEEL
	3	22.23	8,500	A	25	61726222	EHT 180-3,0 PSF STEEL
230	1.9	22.23	6,600	A	25	61728231	EHT 230-1,9 PSF STEEL
	3	22.23	6,600	A	25	61728222	EHT 230-3,0 PSF STEEL

### Depressed-centre design EH (shape 42)

100	2.4	16	15,300	A	25	61739116	EH 100-2,4 PSF STEEL/16,0
115	2.4	22.23	13,300	A	25	61740122	EH 115-2,4 PSF STEEL
	3.2	22.23	13,300	A	25	61740126	EH 115-3,2 PSF STEEL
125	2.4	22.23	12,200	A	25	61720222	EH 125-2,4 PSF STEEL
	3.2	22.23	12,200	A	25	61720226	EH 125-3,2 PSF STEEL
180	3	22.23	8,500	A	25	61723222	EH 180-3,0 PSF STEEL
230	3	22.23	6,600	A	25	61724222	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
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### Flat design EHT (shape 41)



115	1	22,23	13,300	A	10	69121092	EHT 115-1,0 PSF STEELOX (TIN 10)
125	1	22,23	12,200	A	10	69121091	EHT 125-1,0 PSF STEELOX (TIN 10)
76	0,8	10	20,100	A	25	65508109	EHT 76-0,8 PSF STEELOX/10,0
	1	10	20,100	A	25	65508100	EHT 76-1,0 PSF STEELOX/10,0
105	1	16	14,500	A	25	61741105	EHT 105-1,0 PSF STEELOX/16,0
115	1	22,23	13,300	A	25	61730100	EHT 115-1,0 PSF STEELOX
	1,6	22,23	13,300	A	25	61730121	EHT 115-1,6 PSF STEELOX
	2,4	22,23	13,300	A	25	61730122	EHT 115-2,4 PSF STEELOX
125	1	22,23	12,200	A	25	61721100	EHT 125-1,0 PSF STEELOX
					10	61721110	EHT 125-1,0 PSF STEELOX (10)
	1,6	22,23	12,200	A	25	61721121	EHT 125-1,6 PSF STEELOX
	2	22,23	12,200	A	25	69120850	EHT 125-2,0 PSF STEELOX
	2,4	22,23	12,200	A	25	61721122	EHT 125-2,4 PSF STEELOX
150	1,6	22,23	10,200	A	25	61724121	EHT 150-1,6 PSF STEELOX
180	1,6	22,23	8,500	A	25	61726121	EHT 180-1,6 PSF STEELOX
	2,5	22,23	8,500	A	25	61726122	EHT 180-2,5 PSF STEELOX
230	1,9	22,23	6,600	A	25	61728131	EHT 230-1,9 PSF STEELOX
	2	22,23	6,600	A	25	69901410	EHT 230-2,0 PSF STEELOX
	2,5	22,23	6,600	A	25	61728122	EHT 230-2,5 PSF STEELOX

### Flat reinforced type EHT (shape 41) – prevents wobbling in separating cuts.



230	1,9	22,23	6,600	A	25	61728327	EHT 230-1,9 PSF HD STEELOX
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### Flat design EHT (type 41) with X-LOCK holder



X-LOCK

115	1	22,23	13,300	A	25	61730101	EHT 115-1,0 PSF STEELOX/X-LOCK
	1,6	22,23	13,300	A	25	61730124	EHT 115-1,6 PSF STEELOX/X-LOCK
125	1	22,23	12,200	A	25	61721101	EHT 125-1,0 PSF STEELOX/X-LOCK
	1,6	22,23	12,200	A	25	61721124	EHT 125-1,6 PSF STEELOX/X-LOCK

### Depressed-centre design EH (shape 42)



100	2,4	16	15,300	A	25	61739326	EH 100-2,4 PSF STEELOX/16,0
115	2,4	22,23	13,300	A	25	61740326	EH 115-2,4 PSF STEELOX
125	2,4	22,23	12,200	A	25	61720326	EH 125-2,4 PSF STEELOX
180	2,5	22,23	8,500	A	25	61726326	EH 180-2,5 PSF STEELOX
230	2,5	22,23	6,600	A	25	61728326	EH 230-2,5 PSF STEELOX

### Depressed-centre design EH (type 42) with X-LOCK holder



X-LOCK

125	2,4	22,23	12,200	A	25	61740125	EH 125-2,4 PSF STEELOX/X-LOCK
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## PSF CLASSIC STEELOX ★★☆☆☆

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance, good tool life and metal ring in the inner hole. 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.
- Suitable for general use on steel and stainless steel (INOX).

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (shape 41)</b> 							
115	1	22.23	13,300	A	25	61715150	EHT 115-1,0 PSF CLASSIC STEELOX
125	1	22.23	12,200	A	25	61715250	EHT 125-1,0 PSF CLASSIC STEELOX
	1.6	22.23	12,200	A	25	61715253	EHT 125-1,6 PSF CLASSIC STEELOX



## 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
<b>Depressed-centre design E (type 27)</b> 							
100	1.9	16	15,300	A	10	62010630	E 100-1,9 PSF DUO STEELOX/16,0
	2.8	16	15,300	A	10	62010632	E 100-2,8 PSF DUO STEELOX/16,0
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
125	1.9	22.23	12,200	A	10	62012630	E 125-1,9 PSF DUO STEELOX
	2.8	22.23	12,200	A	10	62012620	E 125-2,8 PSF DUO STEELOX
150	3.5	22.23	10,200	A	10	62015420	E 150-3,5 PSF DUO STEELOX
180	3.5	22.23	8,500	A	10	62017420	E 180-3,5 PSF DUO STEELOX





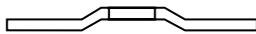
## PSF ALU + STONE ★★☆☆☆

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
<b>Flat design EHT (shape 41)</b> 							
115	1	22.23	13,300	C	25	61818010	EHT 115-1,0 PSF ALU+STONE
	1.6	22.23	13,300	C	25	61818021	EHT 115-1,6 PSF ALU+STONE
125	1	22.23	12,200	C	25	61819010	EHT 125-1,0 PSF ALU+STONE
					10	61819015	EHT 125-1,0 PSF ALU+STONE (10)
	1.6	22.23	12,200	C	25	61819021	EHT 125-1,6 PSF ALU+STONE
180	3.2	22.23	8,500	C	25	61826222	EHT 180-3,2 PSF ALU+STONE
230	3.2	22.23	6,600	C	25	61828222	EHT 230-3,2 PSF ALU+STONE
<b>Depressed-centre design EH (shape 42)</b> 							
115	2.4	22.23	13,300	C	25	61830122	EH 115-2,4 PSF ALU+STONE
125	2.4	22.23	12,200	C	25	61820222	EH 125-2,4 PSF ALU+STONE
150	3	22.23	10,200	C	25	61823326	EH 150-3,0 PSF ALU+STONE
180	3.2	22.23	8,500	C	25	61823222	EH 180-3,2 PSF ALU+STONE
230	3.2	22.23	6,600	C	25	61824222	EH 230-3,2 PSF ALU+STONE





## 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
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### Flat design EHT (shape 41)

100	2.4	16	15,300	A	25	61340116	EHT 100-2,4 SG STEEL/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	61330122	EHT 115-1,6 SG STEEL
	2.4	22.23	13,300	A	25	61340222	EHT 115-2,4 SG STEEL
125	1	22.23	12,200	A	25	61341082	EHT 125-1,0 SG STEEL
	1.6	22.23	12,200	A	25	61331122	EHT 125-1,6 SG STEEL
	2.4	22.23	12,200	A	25	61321222	EHT 125-2,4 SG STEEL
150	1.6	22.23	10,200	A	25	61323106	EHT 150-1,6 SG STEEL
	3	22.23	10,200	A	25	61322222	EHT 150-3,0 SG STEEL
180	1.6	22.23	8,500	A	25	61326122	EHT 180-1,6 SG STEEL
	2.9	22.23	8,500	A	25	61326322	EHT 180-2,9 SG STEEL
	3.2	22.23	8,500	A	25	61326222	EHT 180-3,2 SG STEEL
230	1.9	22.23	6,600	A	25	61328131	EHT 230-1,9 SG STEEL
	2.9	22.23	6,600	A	25	61328322	EHT 230-2,9 SG STEEL
	3.2	22.23	6,600	A	25	61328222	EHT 230-3,2 SG STEEL

### Depressed-centre design EH (shape 42)

100	2.4	16	15,300	A	25	61339116	EH 100-2,4 SG STEEL/16,0
115	2.4	22.23	13,300	A	25	61340122	EH 115-2,4 SG STEEL
	3.2	22.23	13,300	A	25	61340132	EH 115-3,2 SG STEEL
125	2.4	22.23	12,200	A	25	61320222	EH 125-2,4 SG STEEL
	3.2	22.23	12,200	A	25	61320232	EH 125-3,2 SG STEEL
150	3	22.23	10,200	A	25	61323122	EH 150-3,0 SG STEEL
180	2.9	22.23	8,500	A	25	61323322	EH 180-2,9 SG STEEL
	3.2	22.23	8,500	A	25	61323222	EH 180-3,2 SG STEEL
230	2.9	22.23	6,600	A	25	61324322	EH 230-2,9 SG STEEL
	3.2	22.23	6,600	A	25	61324222	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
<b>Flat design EHT (shape 41)</b> 							
105	1	16	14,500	A	25	69121043	EHT 105-1,0 SG STEELOX/16,0
115	1	22.23	13,300	A	25	61340412	EHT 115-1,0 SG STEELOX
	1.6	22.23	13,300	A	25	61340422	EHT 115-1,6 SG STEELOX
	2.4	22.23	13,300	A	25	61340432	EHT 115-2,4 SG STEELOX
125	1	22.23	12,200	A	25	61341112	EHT 125-1,0 SG STEELOX
	1.6	22.23	12,200	A	25	61341122	EHT 125-1,6 SG STEELOX
	2	22.23	12,200	A	25	61320120	EHT 125-2,0 SG STEELOX
	2.4	22.23	12,200	A	25	61331432	EHT 125-2,4 SG STEELOX
150	1.6	22.23	10,200	A	25	61342122	EHT 150-1,6 SG STEELOX
	2	22.23	10,200	A	25	61342400	EHT 150-2,0 SG STEELOX
	2.5	22.23	10,200	A	25	61100150	EHT 150-2,5 SG STEELOX
180	1.6	22.23	8,500	A	25	61326410	EHT 180-1,6 SG STEELOX
	2	22.23	8,500	A	25	69901412	EHT 180-2,0 SG STEELOX
	2.5	22.23	8,500	A	25	61326422	EHT 180-2,5 SG STEELOX
230	1.9	22.23	6,600	A	25	61328430	EHT 230-1,9 SG STEELOX
	2	22.23	6,600	A	25	61328400	EHT 230-2,0 SG STEELOX
	2.5	22.23	6,600	A	25	61328422	EHT 230-2,5 SG STEELOX
	3.2	22.23	6,600	A	25	61328432	EHT 230-3,2 SG STEELOX

### Flat design EHT (type 41) with X-LOCK holder X-LOCK

125	1	22.23	12,200	A	25	61341113	EHT 125-1,0 SG STEELOX/X-LOCK
	1.6	22.23	12,200	A	25	61341123	EHT 125-1,6 SG STEELOX/X-LOCK

### Depressed-centre design EH (shape 42)

115	2.4	22.23	13,300	A	25	61340123	EH 115-2,4 SG STEELOX
	3.2	22.23	13,300	A	25	61332432	EH 115-3,2 SG STEELOX
125	2.4	22.23	12,200	A	25	61341222	EH 125-2,4 SG STEELOX
	3.2	22.23	12,200	A	25	61333432	EH 125-3,2 SG STEELOX
180	2.5	22.23	8,500	A	25	61323223	EH 180-2,5 SG STEELOX
230	2.5	22.23	6,600	A	25	61324223	EH 230-2,5 SG STEELOX

### Depressed-centre design EH (type 42) with X-LOCK holder X-LOCK

125	2.4	22.23	12,200	A	25	61340125	EH 125-2,4 SG STEELOX/X-LOCK
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## SG CLASSIC 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
<b>Flat design EHT (shape 41)</b>							
125	1	22.23	12,200	A	25	61341106	EHT 125-1,0 SG CLASSIC STEELOX
	1.6	22.23	12,200	A	25	61341120	EHT 125-1,6 SG CLASSIC STEELOX
180	1.6	22.23	8,600	A	25	61326406	EHT 180-1,6 SG CLASSIC STEELOX



## SG INOX ★★☆☆

Cut-off wheel for 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.

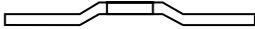


### Special features:

- 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
<b>Flat design EHT (shape 41)</b>							
105	1	16	14,500	A	25	61315113	EHT 105-1,0 SG INOX/16,0
115	0.8	22.23	13,300	A	25	61340396	EHT 115-0,8 SG INOX
	1	22.23	13,300	A	25	61340416	EHT 115-1,0 SG INOX
	1.6	22.23	13,300	A	25	61340424	EHT 115-1,6 SG INOX
125	0.8	22.23	12,200	A	25	61341096	EHT 125-0,8 SG INOX
	1	22.23	12,200	A	25	61341116	EHT 125-1,0 SG INOX
	1.6	22.23	12,200	A	25	61341124	EHT 125-1,6 SG INOX
150	1.6	22.23	10,200	A	25	61342124	EHT 150-1,6 SG INOX
180	1.6	22.23	8,500	A	25	61326124	EHT 180-1,6 SG INOX
	2.5	22.23	8,500	A	25	61326423	EHT 180-2,5 SG INOX
230	1.9	22.23	6,600	A	25	61328124	EHT 230-1,9 SG INOX
	2.5	22.23	6,600	A	25	61328423	EHT 230-2,5 SG INOX

Continued on next page

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Depressed-centre design EH (shape 42)</b> 							
115	2.4	22.23	13,300	A	25	61340124	EH 115-2,4 SG INOX
125	2.4	22.23	12,200	A	25	61341223	EH 125-2,4 SG INOX
180	2.5	22.23	8,500	A	25	61323224	EH 180-2,5 SG INOX
230	2.5	22.23	6,600	A	25	61324224	EH 230-2,5 SG INOX



## 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
<b>Flat design EHT (shape 41)</b> 							
105	1	16	14,500	A/C	25	61339430	EHT 105-1,0 SG ALU/16,0
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
	2.4	22.23	13,300	A/C	25	61340550	EHT 115-2,4 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
	2.4	22.23	12,200	A/C	25	61331550	EHT 125-2,4 SG ALU
150	1.6	22.23	10,200	A/C	25	61323116	EHT 150-1,6 SG ALU
180	1.6	22.23	8,500	A/C	25	61326119	EHT 180-1,6 SG ALU
	2.9	22.23	8,500	A/C	25	61326323	EHT 180-2,9 SG ALU
230	1.9	22.23	6,600	A/C	25	61328119	EHT 230-1,9 SG ALU
	2.9	22.23	6,600	A/C	25	61328323	EHT 230-2,9 SG ALU

<b>Depressed-centre design EH (shape 42)</b> 							
115	2.4	22.23	13,300	A/C	25	61340312	EH 115-2,4 SG ALU
125	2.4	22.23	12,200	A/C	25	61320822	EH 125-2,4 SG ALU
180	2.9	22.23	8,500	A/C	25	61323323	EH 180-2,9 SG ALU
230	2.9	22.23	6,600	A/C	25	61324323	EH 230-2,9 SG ALU



## CERAMIC SGP STEEL ★★★★★

Special cut-off wheel with ceramic oxide grain for steel with ultimate cutting performance and excellent tool life. Suitable for cutting large cross-sections, profiles and solid material, and for cutting out holes.



### Special features:

- Extremely fast work progress, even with large cross-sections.
- Previously unattained cutting performance thanks to high-performance abrasive ceramic oxide grain in conjunction with a special bond technology.
- 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	
<b>Flat design EHT (shape 41)</b> 								
100	1.3	16	15,300	CO	25	61301013	EHT 100-1,3 CERAMIC SGP STEEL/16,0	
115	1	22.23	13,300	CO	25	61301510	EHT 115-1,0 CERAMIC SGP STEEL	
	1.6	22.23	13,300	CO	25	61301516	EHT 115-1,6 CERAMIC SGP STEEL	
125	1	22.23	12,200	CO	25	61312510	EHT 125-1,0 CERAMIC SGP STEEL	
	1.6	22.23	12,200	CO	25	61312516	EHT 125-1,6 CERAMIC SGP STEEL	
	2	22.23	12,200	CO	25	61312520	EHT 125-2,0 CERAMIC SGP STEEL	
150	1.6	22.23	10,200	CO	25	61315016	EHT 150-1,6 CERAMIC SGP STEEL	
180	1.6	22.23	8,500	CO	25	61318016	EHT 180-1,6 CERAMIC SGP STEEL	
	2.5	22.23	8,500	CO	25	61318025	EHT 180-2,5 CERAMIC SGP STEEL	
230	1.9	22.23	6,600	CO	25	61323019	EHT 230-1,9 CERAMIC SGP STEEL	
	2.5	22.23	6,600	CO	25	61323025	EHT 230-2,5 CERAMIC SGP STEEL	
<b>Depressed-centre design EH (shape 42)</b> 								
115	1.6	22.23	13,300	CO	25	61300115	EH 115-1,6 CERAMIC SGP STEEL	
125	1.6	22.23	12,200	CO	25	61300125	EH 125-1,6 CERAMIC SGP STEEL	



# 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
<b>Flat design EHT (shape 41)</b>							
105	0.8	16	14,500	A	25	61330008	EHT 105-0,8 SGP STEELOX/16,0
	1	16	14,500	A	25	61330012	EHT 105-1,0 SGP STEELOX/16,0
115	0.8	22.23	13,300	A	25	61340394	EHT 115-0,8 SGP STEELOX
	1	22.23	13,300	A	25	61330421	EHT 115-1,0 SGP STEELOX
	1.6	22.23	13,300	A	25	61330420	EHT 115-1,6 SGP STEELOX
	2.2	22.23	13,300	A	25	61330422	EHT 115-2,2 SGP STEELOX
125	0.8	22.23	12,200	A	25	61341094	EHT 125-0,8 SGP STEELOX
	1	22.23	12,200	A	25	61331421	EHT 125-1,0 SGP STEELOX
	1.6	22.23	12,200	A	25	61331420	EHT 125-1,6 SGP STEELOX
	2.2	22.23	12,200	A	25	61331622	EHT 125-2,2 SGP STEELOX
150	1.6	22.23	10,200	A	25	61342164	EHT 150-1,6 SGP STEELOX
	2.5	22.23	10,200	A	25	61342225	EHT 150-2,5 SGP STEELOX
180	1.6	22.23	8,500	A	25	61343122	EHT 180-1,6 SGP STEELOX
230	1.9	22.23	6,600	A	25	61328702	EHT 230-1,9 SGP STEELOX
	2.3	22.23	6,600	A	25	61328712	EHT 230-2,3 SGP STEELOX
	2.8	22.23	6,600	A	25	61328722	EHT 230-2,8 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
5/8"-11	76	1	33500761	SFS 76 5/8"-11

# Cut-off wheels for foundries

Performance Line SG ★★☆☆



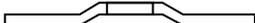
## SG CAST + INOX ★★☆☆

Cut-off wheel optimized for use in harsh conditions in foundries and fettling shops with high cutting performance, good tool life and high lateral stability. Suitable for cutting cast iron, stainless steel (INOX) and cast steel.

### Special features:

- The reinforced fabric armoring for tough foundry applications guarantees the highest degree of safety.
- Fast work progress due to high cutting performance and high efficiency thanks to excellent tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.



D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (shape 41)</b> 							
230	2,9	22,23	6,600	A	25	61328832	EHT 230-2,9 SG CAST+INOX
<b>Depressed-centre design EH (shape 42)</b> 							
230	2,9	22,23	6,600	A	25	61324832	EH 230-2,9 SG CAST+INOX

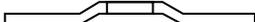


## SG CAST + ALU ★★☆☆

Cut-off wheel optimized for use in harsh conditions in foundries and fettling shops with high cutting performance, good tool life and high lateral stability. Suitable for cutting grey/nodular cast iron (GG/GJL, GGG/GJS) and hard aluminium alloys.

### Special features:

- The reinforced fabric armoring for tough foundry applications guarantees the highest degree of safety.
- Fast work progress due to high cutting performance and high efficiency thanks to excellent tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Depressed-centre design EH (shape 42)</b> 							
230	3,2	22,23	6,600	A/C	25	61324802	EH 230-3,2 SG CAST+ALU



# Cut-off wheels for foundries

Performance Line SG ★★☆☆



## ZIRKON SG CAST ★★☆☆

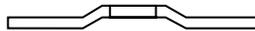
Cut-off wheel optimized for use in foundries and fettling shops with high cutting performance, maximum tool life and high lateral stability. For cutting grey/nodular cast iron (GG/GJL, GGG/GJS).

### Special features:

- The reinforced fabric armoring for tough foundry applications guarantees the highest degree of safety.
- Fast work progress due to high cutting performance and maximum efficiency thanks to optimum tool life.
- Optimized for use on compressed-air turbine and high-frequency angle grinders.

D [mm]	T/U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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Depressed-centre design EH (shape 42)



230	3.2	22.23	6,600	Z/C	25	69120642	EHT 230-3,2 ZIRKON SG 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:

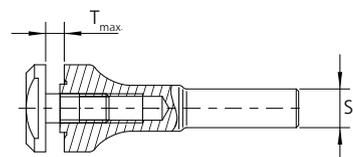
- Ideal for hard-to-reach areas.
- Thin cut-off wheels are ergonomically optimised, efficient and provide impressively fast and thin cuts with minimized burr formation.
- Maximum economic efficiency due to maximum tool life.

D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (shape 41)</b>							
30	1	6	51,000	A	50	65503010	EHT 30-1,0 SG STEELOX/6,0
	1.4	6	51,000	A	50	65503020	EHT 30-1,4 SG STEELOX/6,0
40	1	6	38,200	A	50	65504010	EHT 40-1,0 SG STEELOX/6,0
	2	6	38,200	A	50	65504020	EHT 40-2,0 SG STEELOX/6,0
50	0.8	6	30,600	A	50	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
	2	6	30,600	A	50	65505020	EHT 50-2,0 SG STEELOX/6,0
65	0.8	6	23,500	A	50	65505030	EHT 50-3,0 SG STEELOX/6,0
		10	23,500	A	50	65506008	EHT 65-0,8 SG STEELOX/6,0
	1	6	23,500	A	50	65506009	EHT 65-0,8 SG STEELOX/10,0
		10	23,500	A	50	65506000	EHT 65-1,0 SG STEELOX/6,0
	1.4	10	23,500	A	50	65506001	EHT 65-1,0 SG STEELOX/10,0
		10	23,500	A	50	65506011	EHT 65-1,4 SG STEELOX/10,0
70	2	10	23,500	A	50	65506021	EHT 65-2,0 SG STEELOX/10,0
	3	10	23,500	A	50	65506031	EHT 65-3,0 SG STEELOX/10,0
	1	10	21,800	A	50	65507001	EHT 70-1,0 SG STEELOX/10,0
	1.4	10	21,800	A	50	65507011	EHT 70-1,4 SG STEELOX/10,0
76	0.8	10	21,800	A	50	65507021	EHT 70-2,0 SG STEELOX/10,0
		6	20,100	A	50	65508009	EHT 76-0,8 SG STEELOX/6,0
	1	10	20,100	A	50	65508008	EHT 76-0,8 SG STEELOX/10,0
		6	20,100	A	50	65508000	EHT 76-1,0 SG STEELOX/6,0
	1.4	10	20,100	A	50	65508001	EHT 76-1,0 SG STEELOX/10,0
		10	20,100	A	50	65508011	EHT 76-1,4 SG STEELOX/10,0
2	10	20,100	A	50	65508021	EHT 76-2,0 SG STEELOX/10,0	
3	10	20,100	A	50	65508031	EHT 76-3,0 SG STEELOX/10,0	



# Cut-off wheels for straight grinders

Performance Line SG ★★☆☆



## 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 <sub>max</sub> [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
6.35	6	0-4	1	33511000	BO 6,35/6 0-4 (1/4)
	10	0-4	1	33513000	BO 6,35/10 0-4 (1/4)
8	10	0-4	1	33514000	BO 8/10 0-4



# Cut-off wheels for petrol cutters and cut-off grinders

Performance Line PSF ★★☆☆



## PSF STEEL ★★☆☆

Cut-off wheel for use on petrol cutters and cut-off grinders with high cutting performance and good tool life. Suitable for cutting cast iron and steel.

### Special features:

- Fast work progress thanks to good cutting performance.
- High economic efficiency due to good tool life.
- Suitable for hand-held cutting.

Maximum operating speed [m/s]	D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (type 41)</b>								
100	350	4	20	5,500	A	10	61329510	100 EHT 350-4,0 PSF STEEL/20,0
			25.4	5,500	A	10	61329515	100 EHT 350-4,0 PSF STEEL/25,4

## Performance Line SG ★★☆☆



## SG STEEL ★★☆☆

Cut-off wheel for use on petrol cutters and cut-off grinders with high cutting performance and maximum tool life. Suitable for cutting cast iron and steel.



### Special features:

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

Maximum operating speed [m/s]	D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (type 41)</b>								
80	300	4	20	5,100	A	20	61329320	80 EHT 300-4,0 SG STEEL/20,0
			22.23	5,100	A	20	61329322	80 EHT 300-4,0 SG STEEL/22,23
			25.4	5,100	A	20	61329325	80 EHT 300-4,0 SG STEEL/25,4
100	300	4	20	6,400	A	20	61329120	100 EHT 300-4,0 SG STEEL/20,0
			22.23	6,400	A	20	61329122	100 EHT 300-4,0 SG STEEL/22,23
			25.4	6,400	A	20	61329125	100 EHT 300-4,0 SG STEEL/25,4
	350	4.5	20	5,500	A	10	61329520	100 EHT 350-4,5 SG STEEL/20,0
			22.23	5,500	A	10	61329522	100 EHT 350-4,5 SG STEEL/22,23
			25.4	5,500	A	10	61329525	100 EHT 350-4,5 SG STEEL/25,4
	400	4.8	20	4,800	A	10	61329820	100 EHT 400-4,8 SG STEEL/20,0
			22.23	4,800	A	10	61329822	100 EHT 400-4,8 SG STEEL/22,23
			25.4	4,800	A	10	61329825	100 EHT 400-4,8 SG STEEL/25,4

New item



# Cut-off wheels for petrol cutters and cut-off grinders

Performance Line SG ★★☆☆



## SG STONE ★★☆☆

Cut-off wheel for use on petrol cutters and cut-off grinders with high cutting performance and maximum tool life. Suitable for cutting aluminium, asphalt, cast iron, concrete, stone and other non-ferrous metals.



### Special features:

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

Maximum operating speed [m/s]	D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (type 41)</b>								
80	300	4	20	5,100	C	20	61629320	80 EHT 300-4,0 SG STONE/20,0
			22.23	5,100	C	20	61629322	80 EHT 300-4,0 SG STONE/22,23
			25.4	5,100	C	20	61629325	80 EHT 300-4,0 SG STONE/25,4
100	350	4.5	20	5,500	C	10	61629520	100 EHT 350-4,5 SG STONE/20,0
			22.23	5,500	C	10	61629522	100 EHT 350-4,5 SG STONE/22,23
			25.4	5,500	C	10	61629525	100 EHT 350-4,5 SG STONE/25,4



## SG CAST + STONE ★★☆☆

Cut-off wheel for use on petrol cutters and cut-off grinders with high cutting performance and maximum tool life. Suitable for cutting cast iron, concrete, ductile cast iron and reinforced concrete.



### Special features:

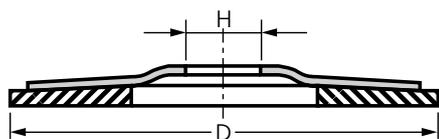
- Fast work progress thanks to good cutting performance.
- Maximum economic efficiency due to maximum tool life.
- Suitable for hand-held cutting.

Maximum operating speed [m/s]	D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design EHT (type 41)</b>								
100	300	4	20	6,400	A/C	20	61329130	100 EHT 300-4,0 SG CAST+STONE/20,0
			22.23	6,400	A/C	20	61329131	100 EHT 300-4,0 SG CAST+STONE/22,23
			25.4	6,400	A/C	20	61329132	100 EHT 300-4,0 SG CAST+STONE/25,4
	350	4.5	20	5,500	A/C	10	61329530	100 EHT 350-4,5 SG CAST+STONE/20,0
			22.23	5,500	A/C	10	61329531	100 EHT 350-4,5 SG CAST+STONE/22,23
			25.4	5,500	A/C	10	61329532	100 EHT 350-4,5 SG CAST+STONE/25,4

## Product group selection

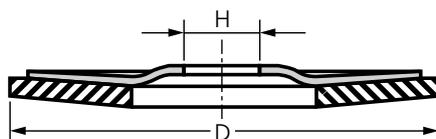
Application	Product line	Steel (STEEL)			Stainless steel (INOX)		Aluminium (ALU)	
<ul style="list-style-type: none"> <li>Surface grinding</li> <li>Work on weld seams</li> </ul>	<b>Universal Line PSF</b> ★★☆☆							
	<b>Performance Line SG</b> ★★★☆							
	<b>Special Line SGP</b> ★★★★★							
<ul style="list-style-type: none"> <li>Chamfering</li> <li>Deburring</li> </ul>	<b>Universal Line PSF</b> ★★☆☆							
	<b>Performance Line SG</b> ★★★☆							
	<b>Special Line SGP</b> ★★★★★							
<ul style="list-style-type: none"> <li>Work on fillet welds</li> </ul>	<b>Special Line SGP</b> ★★★★★							

## Shape selection



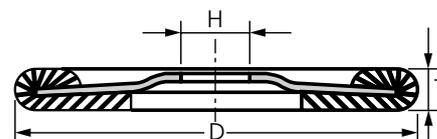
### Flat design PFF

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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### Flat design PFF



115	40	22.23	13,300	A	10	67644115	PFF 115 A 40 PSF STEELOX
	60	22.23	13,300	A	10	67646115	PFF 115 A 60 PSF STEELOX
	80	22.23	13,300	A	10	67648115	PFF 115 A 80 PSF STEELOX
	120	22.23	13,300	A	10	67649115	PFF 115 A 120 PSF STEELOX
125	40	22.23	12,200	A	10	67644125	PFF 125 A 40 PSF STEELOX
	60	22.23	12,200	A	10	67646125	PFF 125 A 60 PSF STEELOX
	80	22.23	12,200	A	10	67648125	PFF 125 A 80 PSF STEELOX
	120	22.23	12,200	A	10	67649125	PFF 125 A 120 PSF STEELOX
180	40	22.23	8,500	A	10	67644185	PFF 180 A 40 PSF STEELOX

### 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
125	40	22.23	12,200	A	10	67744125	PFC 125 A 40 PSF STEELOX
	60	22.23	12,200	A	10	67746125	PFC 125 A 60 PSF STEELOX
	80	22.23	12,200	A	10	67748125	PFC 125 A 80 PSF STEELOX
	120	22.23	12,200	A	10	67749125	PFC 125 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 ★★☆☆☆**

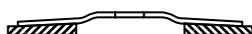
POLIFAN flap disc for steel and stainless steel (INOX) with aggressive stock removal rate and good tool life. Suitable for surface grinding, chamfering, deburring and work on weld seams.

**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.

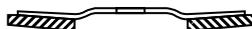
D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
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**Flat design PFF**



100	40	16	15,300	Z	10	69300660	PFF 100 Z 40 PSF STEELOX/16,0
	60	16	15,300	Z	10	69300661	PFF 100 Z 60 PSF STEELOX/16,0
	80	16	15,300	Z	10	69300662	PFF 100 Z 80 PSF STEELOX/16,0
115	40	22.23	13,300	Z	10	67664115	PFF 115 Z 40 PSF STEELOX
	60	22.23	13,300	Z	10	67666115	PFF 115 Z 60 PSF STEELOX
	80	22.23	13,300	Z	10	67668115	PFF 115 Z 80 PSF STEELOX
125	40	22.23	12,200	Z	10	67664125	PFF 125 Z 40 PSF STEELOX
	60	22.23	12,200	Z	10	67666125	PFF 125 Z 60 PSF STEELOX
	80	22.23	12,200	Z	10	67668125	PFF 125 Z 80 PSF STEELOX
180	40	22.23	8,500	Z	10	67664185	PFF 180 Z 40 PSF STEELOX
	60	22.23	8,500	Z	10	67666185	PFF 180 Z 60 PSF STEELOX

**Conical type PFC**



100	40	16	15,300	Z	10	67764100	PFC 100 Z 40 PSF STEELOX/16,0
	60	16	15,300	Z	10	67766100	PFC 100 Z 60 PSF STEELOX/16,0
	80	16	15,300	Z	10	67768100	PFC 100 Z 80 PSF STEELOX/16,0
	120	16	15,300	Z	10	67769100	PFC 100 Z 120 PSF STEELOX/16,0
115	40	22.23	13,300	Z	10	67764115	PFC 115 Z 40 PSF STEELOX
	60	22.23	13,300	Z	10	67766115	PFC 115 Z 60 PSF STEELOX
	80	22.23	13,300	Z	10	67768115	PFC 115 Z 80 PSF STEELOX
	120	22.23	13,300	Z	10	67769115	PFC 115 Z 120 PSF STEELOX
125	40	22.23	12,200	Z	10	67764125	PFC 125 Z 40 PSF STEELOX
	60	22.23	12,200	Z	10	67766125	PFC 125 Z 60 PSF STEELOX
	80	22.23	12,200	Z	10	67768125	PFC 125 Z 80 PSF STEELOX
	120	22.23	12,200	Z	10	67769125	PFC 125 Z 120 PSF STEELOX
150	40	22.23	10,200	Z	10	67764150	PFC 150 Z 40 PSF STEELOX
	60	22.23	10,200	Z	10	67766150	PFC 150 Z 60 PSF STEELOX
180	40	22.23	8,500	Z	10	67764185	PFC 180 Z 40 PSF STEELOX
	60	22.23	8,500	Z	10	67766185	PFC 180 Z 60 PSF STEELOX
	80	22.23	8,500	Z	10	67768185	PFC 180 Z 80 PSF STEELOX
	120	22.23	8,500	Z	10	67769185	PFC 180 Z 120 PSF STEELOX

**Conical design PFC with X-LOCK mounting**



**X-LOCK**

115	40	22.23	13,300	Z	10	67664116	PFC 115 Z 40 PSF STEELOX/X-LOCK
	60	22.23	13,300	Z	10	67666116	PFC 115 Z 60 PSF STEELOX/X-LOCK
	80	22.23	13,300	Z	10	67668116	PFC 115 Z 80 PSF STEELOX/X-LOCK
125	40	22.23	12,200	Z	10	67664126	PFC 125 Z 40 PSF STEELOX/X-LOCK
	60	22.23	12,200	Z	10	67666126	PFC 125 Z 60 PSF STEELOX/X-LOCK
	80	22.23	12,200	Z	10	67668126	PFC 125 Z 80 PSF STEELOX/X-LOCK





## 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
<b>Conical type PFC</b>							
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
125	40	22.23	12,200	Z	10	67771124	PFC 125 Z 40 PSF TRIM STEELOX
	60	22.23	12,200	Z	10	67771126	PFC 125 Z 60 PSF TRIM STEELOX
	80	22.23	12,200	Z	10	67771128	PFC 125 Z 80 PSF TRIM STEELOX

## 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
<b>Flat design PFF</b>							
100	40	16	15,300	A	10	67604100	PFF 100 A 40 SG STEELOX/16,0
	60	16	15,300	A	10	67606100	PFF 100 A 60 SG STEELOX/16,0
	80	16	15,300	A	10	67608100	PFF 100 A 80 SG STEELOX/16,0
	120	16	15,300	A	10	67612100	PFF 100 A 120 SG STEELOX/16,0
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
125	40	22.23	12,200	A	10	67604125	PFF 125 A 40 SG STEELOX
	60	22.23	12,200	A	10	67606125	PFF 125 A 60 SG STEELOX
	80	22.23	12,200	A	10	67608125	PFF 125 A 80 SG STEELOX
	120	22.23	12,200	A	10	67612125	PFF 125 A 120 SG STEELOX
180	40	22.23	8,500	A	10	67604185	PFF 180 A 40 SG STEELOX

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D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
180	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

### Conical type PFC



115	40	22.23	13,300	A	10	67704115	PFC 115 A 40 SG STEELOX
	60	22.23	13,300	A	10	67706115	PFC 115 A 60 SG STEELOX
	80	22.23	13,300	A	10	67708115	PFC 115 A 80 SG STEELOX
	120	22.23	13,300	A	10	67712115	PFC 115 A 120 SG STEELOX
125	40	22.23	12,200	A	10	67704125	PFC 125 A 40 SG STEELOX
	60	22.23	12,200	A	10	67706125	PFC 125 A 60 SG STEELOX
	80	22.23	12,200	A	10	67708125	PFC 125 A 80 SG STEELOX
	120	22.23	12,200	A	10	67712125	PFC 125 A 120 SG STEELOX
180	40	22.23	8,500	A	10	67704185	PFC 180 A 40 SG STEELOX
	60	22.23	8,500	A	10	67706185	PFC 180 A 60 SG STEELOX
	80	22.23	8,500	A	10	67708185	PFC 180 A 80 SG STEELOX
	120	22.23	8,500	A	10	67712185	PFC 180 A 120 SG STEELOX



### A-COOL SG INOX + ALU ★★☆☆

POLIFAN flap disc with particularly cool grinding on materials that do not conduct heat well such as stainless steel (INOX) and aluminium. Suitable for surface grinding, chamfering, deburring and work on weld seams.

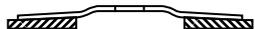


#### Special features:

- Less heat build-up in the workpiece compared with other flap discs.
- The active grinding abrasive coating prevents clogging, for example on soft aluminium.

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



100	40	16	15,300	A-COOL	10	67654100	PFF 100 A-COOL 40 SG INOX+ALU/16,0
	60	16	15,300	A-COOL	10	67656100	PFF 100 A-COOL 60 SG INOX+ALU/16,0
	80	16	15,300	A-COOL	10	67658100	PFF 100 A-COOL 80 SG INOX+ALU/16,0
115	40	22.23	13,300	A-COOL	10	67654115	PFF 115 A-COOL 40 SG INOX+ALU
	60	22.23	13,300	A-COOL	10	67656115	PFF 115 A-COOL 60 SG INOX+ALU
	80	22.23	13,300	A-COOL	10	67658115	PFF 115 A-COOL 80 SG INOX+ALU
125	40	22.23	12,200	A-COOL	10	67654125	PFF 125 A-COOL 40 SG INOX+ALU
	60	22.23	12,200	A-COOL	10	67656125	PFF 125 A-COOL 60 SG INOX+ALU
	80	22.23	12,200	A-COOL	10	67658125	PFF 125 A-COOL 80 SG INOX+ALU
180	40	22.23	8,500	A-COOL	10	67654185	PFF 180 A-COOL 40 SG INOX+ALU
	60	22.23	8,500	A-COOL	10	67656185	PFF 180 A-COOL 60 SG INOX+ALU
	80	22.23	8,500	A-COOL	10	67658185	PFF 180 A-COOL 80 SG INOX+ALU

### Conical type PFC



115	40	22.23	13,300	A-COOL	10	67754115	PFC 115 A-COOL 40 SG INOX+ALU
	60	22.23	13,300	A-COOL	10	67756115	PFC 115 A-COOL 60 SG INOX+ALU
	80	22.23	13,300	A-COOL	10	67758115	PFC 115 A-COOL 80 SG INOX+ALU
125	40	22.23	12,200	A-COOL	10	67754125	PFC 125 A-COOL 40 SG INOX+ALU

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D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
125	60	22.23	12,200	A-COOL	10	67756125	PFC 125 A-COOL 60 SG INOX+ALU
	80	22.23	12,200	A-COOL	10	67758125	PFC 125 A-COOL 80 SG INOX+ALU
180	40	22.23	8,500	A-COOL	10	67754185	PFC 180 A-COOL 40 SG INOX+ALU
	60	22.23	8,500	A-COOL	10	67756185	PFC 180 A-COOL 60 SG INOX+ALU
	80	22.23	8,500	A-COOL	10	67758185	PFC 180 A-COOL 80 SG INOX+ALU



## 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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### Flat design PFF



115	40	22.23	13,300	Z	10	67684115	PFF 115 Z 40 SG POWER STEELOX
	50	22.23	13,300	Z	10	67685116	PFF 115 Z 50 SG POWER STEELOX
	60	22.23	13,300	Z	10	67686115	PFF 115 Z 60 SG POWER STEELOX
125	40	22.23	12,200	Z	10	67684125	PFF 125 Z 40 SG POWER STEELOX
	50	22.23	12,200	Z	10	67685126	PFF 125 Z 50 SG POWER STEELOX
	60	22.23	12,200	Z	10	67686125	PFF 125 Z 60 SG POWER STEELOX
180	40	22.23	8,500	Z	10	67684185	PFF 180 Z 40 SG POWER STEELOX
	50	22.23	8,500	Z	10	67685186	PFF 180 Z 50 SG POWER STEELOX
	60	22.23	8,500	Z	10	67686185	PFF 180 Z 60 SG POWER STEELOX

### Conical type PFC



115	40	22.23	13,300	Z	10	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	10	67786115	PFC 115 Z 60 SG POWER STEELOX
	80	22.23	13,300	Z	10	67788116	PFC 115 Z 80 SG POWER STEELOX
	120	22.23	13,300	Z	10	67789116	PFC 115 Z 120 SG POWER STEELOX
125	40	22.23	12,200	Z	10	67784125	PFC 125 Z 40 SG POWER STEELOX
	50	22.23	12,200	Z	10	67785126	PFC 125 Z 50 SG POWER STEELOX
	60	22.23	12,200	Z	10	67786125	PFC 125 Z 60 SG POWER STEELOX
	80	22.23	12,200	Z	10	67788126	PFC 125 Z 80 SG POWER STEELOX
	120	22.23	12,200	Z	10	67789126	PFC 125 Z 120 SG POWER STEELOX
150	40	22.23	10,200	Z	10	67784150	PFC 150 Z 40 SG POWER STEELOX
	60	22.23	10,200	Z	10	67786150	PFC 150 Z 60 SG POWER STEELOX
180	40	22.23	8,500	Z	10	67784185	PFC 180 Z 40 SG POWER STEELOX
	50	22.23	8,500	Z	10	67785186	PFC 180 Z 50 SG POWER STEELOX
	60	22.23	8,500	Z	10	67786185	PFC 180 Z 60 SG POWER STEELOX

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D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Conical design PFC with X-LOCK mounting</b>  <b>X-LOCK</b>							
125	40	22.23	12,200	Z	10	67784126	PFC 125 Z 40 SG POWER STEELOX/X-LOCK
	60	22.23	12,200	Z	10	67786126	PFC 125 Z 60 SG POWER STEELOX/X-LOCK
	80	22.23	12,200	Z	10	67788127	PFC 125 Z 80 SG POWER STEELOX/X-LOCK



## Z SG POWER TRIM STEELOX ★★☆☆

The POLIFAN Z SG POWER TRIM 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.
- Trimming the tool enables the abrasive to be used optimally.
- Fewer tool changes due to the excellent tool life.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Conical type PFC</b> 							
115	40	22.23	13,300	Z	10	67772114	PFC 115 Z 40 SG POWER TRIM STEELOX
	60	22.23	13,300	Z	10	67772116	PFC 115 Z 60 SG POWER TRIM STEELOX
	80	22.23	13,300	Z	10	67772118	PFC 115 Z 80 SG POWER TRIM STEELOX
125	40	22.23	12,200	Z	10	69301039	PFC 125 Z 40 SG POWER TRIM STEELOX
	60	22.23	12,200	Z	10	67772126	PFC 125 Z 60 SG POWER TRIM STEELOX
	80	22.23	12,200	Z	10	67772128	PFC 125 Z 80 SG POWER TRIM STEELOX



## Z SG DURABLE STEEL ★★☆☆

The powerful POLIFAN Z SG DURABLE STEEL flap disc is especially well-suited to applications in which the flaps are subjected to higher mechanical loads and to applications involving coarser work, e.g. chamfering or working on burn burrs.



### 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 ultimate tool life.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Conical type PFC</b> 							
115	40	22.23	13,300	Z	10	67782114	PFC 115 Z 40 SG DURABLE STEEL
	60	22.23	13,300	Z	10	67782116	PFC 115 Z 60 SG DURABLE STEEL
125	40	22.23	12,200	Z	10	67782124	PFC 125 Z 40 SG DURABLE STEEL
	60	22.23	12,200	Z	10	67782126	PFC 125 Z 60 SG DURABLE STEEL



## 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 discoloration occurs, which means that no reworking is required.

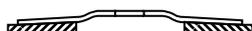


### Special features:

- 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
<b>Conical type PFC</b>							
							
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.

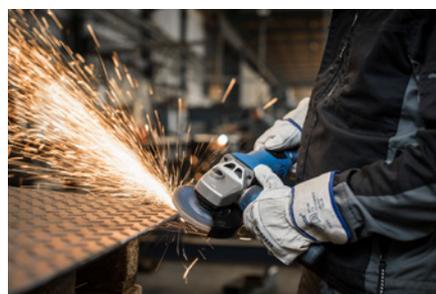
- Suitable for working on fillet welds.

D [mm]	Grit size	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Flat design PFF</b>							
							
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
<b>Conical type PFC</b>							
							
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



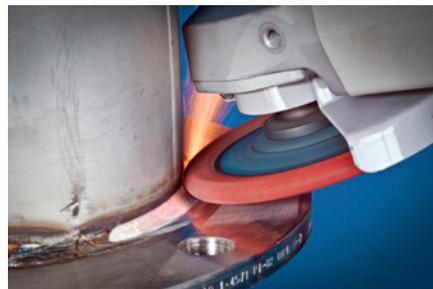
### X-LOCK

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



# 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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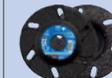
### Radial design PFR



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



## 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"> <li>Surface grinding</li> <li>Levelling</li> <li>Work on weld seams</li> <li>Chamfering</li> <li>Deburring</li> </ul>	<b>Performance Line SG</b> ★★☆☆								
	<b>Special Line SGP</b> ★★★★★								
<ul style="list-style-type: none"> <li>Levelling butt welds</li> </ul>	<b>Performance Line SG</b> ★★☆☆								
	<b>Special Line SGP</b> ★★★★★								

## 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
<b>SOLID</b>						
						
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
<b>SOLID</b>						
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
<b>FLEX</b>							
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
<b>Metric</b>			
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
<b>Imperial</b>			
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
<b>STRONG</b>						
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
<b>ROBUST</b>						
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
<b>SOLID</b>						
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 ★★★★★

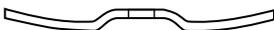


### CC-GRIND SOLID SGP INOX with VICTOGRAIN abrasive grain ★★★★★

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
<b>SOLID</b>						
						
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
<b>FLEX</b>							
							
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
<b>Metric</b>			
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
<b>Imperial</b>			
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 grinding discs

## Special Line SGP ★★★★★



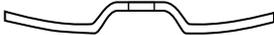
### CC-GRIND ROBUS T125 SGP STEELOX with VICTO GRAIN abrasive grain ★★★★★

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
<b>ROBUS</b>						
						
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
<b>VIEW</b>						
						
125	22.23	12,200	VICTO GRAIN	10	64196126	CC-GRIND VIEW 125 SGP STEELOX

## Product group selection

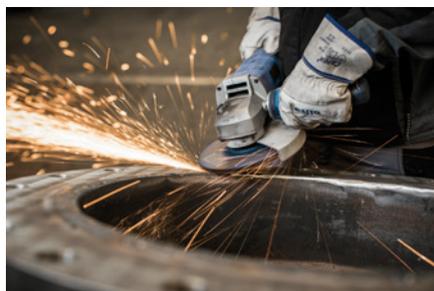
Application	Product line	Steel (STEEL)			Stainless steel (INOX)		Aluminium (ALU)	Cast material (CAST)
<ul style="list-style-type: none"> <li>Surface grinding</li> <li>Work on weld seams</li> <li>Chamfering</li> <li>Deburring</li> <li>Fillet weld grinding</li> <li>Work on root seams</li> <li>Grouting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

## 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.

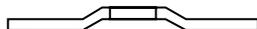


#### Special features:

- 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	62010634	E 100-6 PSF STEEL/16,0
115	7.2	22.23	13,300	A	10	62011634	E 115-7 PSF STEEL
125	7.2	22.23	12,200	A	10	62012634	E 125-7 PSF STEEL
150	7.2	22.23	10,200	A	10	62015628	E 150-7 PSF STEEL
180	7.2	22.23	8,500	A	10	62017634	E 180-7 PSF STEEL
	8.3	22.23	8,500	A	10	62017834	E 180-8 PSF STEEL
230	7.2	22.23	6,600	A	10	62023634	E 230-7 PSF STEEL
	8.3	22.23	6,600	A	10	62023834	E 230-8 PSF STEEL

#### Depressed-centre design E (type 27) with X-LOCK holder



#### X-LOCK

115	7.2	22.23	13,300	A	10	62011115	E 115-7 PSF STEEL/X-LOCK
125	7.2	22.23	12,200	A	10	62011125	E 125-7 PSF STEEL/X-LOCK





## 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
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### Depressed-centre design E (type 27)



100	6.3	16	15,300	A	10	62010720	E 100-6 PSF STEELOX/16,0
115	4.1	22.23	13,300	A	10	62011531	E 115-4,1 PSF STEELOX
	7.2	22.23	13,300	A	10	62011640	E 115-7 PSF STEELOX
125	4.1	22.23	12,200	A	10	69220531	E 125-4,1 PSF STEELOX
	7.2	22.23	12,200	A	10	62012640	E 125-7 PSF STEELOX
150	4.1	22.23	10,200	A	10	62015520	E 150-4,1 PSF STEELOX
	7.2	22.23	10,200	A	10	62015640	E 150-7 PSF STEELOX
180	4.1	22.23	8,500	A	10	62017950	E 180-4,1 PSF STEELOX
	4.6	22.23	8,500	A	10	62017520	E 180-4,6 PSF STEELOX
	7.2	22.23	8,500	A	10	62017640	E 180-7 PSF STEELOX
	8.3	22.23	8,500	A	10	62017831	E 180-8 PSF STEELOX
230	7.2	22.23	6,600	A	10	62023640	E 230-7 PSF STEELOX
	8.3	22.23	6,600	A	10	62023831	E 230-8 PSF STEELOX





## 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
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### Depressed-centre design E (type 27)

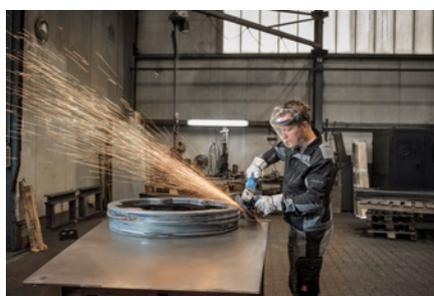


70	6.3	10	21,800	A	10	62207626	E 70-6 SG STEEL/10,0
76	6.3	10	20,200	A	10	62208626	E 76-6 SG STEEL/10,0
100	4.1	16	15,300	A	10	62210426	E 100-4,1 SG STEEL/16,0
	6.3	16	15,300	A	10	62210626	E 100-6 SG STEEL/16,0
115	4.1	22.23	13,300	A	10	62211436	E 115-4,1 SG STEEL
	7.2	22.23	13,300	A	10	62211626	E 115-7 SG STEEL
125	4.1	22.23	12,200	A	10	62212426	E 125-4,1 SG STEEL
	7.2	22.23	12,200	A	10	62212626	E 125-7 SG STEEL
150	4.1	22.23	10,200	A	10	69220473	E 150-4,1 SG STEEL
	7.2	22.23	10,200	A	10	62215726	E 150-7 SG STEEL
180	4.1	22.23	8,500	A	10	62217426	E 180-4,1 SG STEEL
	7.2	22.23	8,500	A	10	62217626	E 180-7 SG STEEL
	8.3	22.23	8,500	A	10	62217826	E 180-8 SG STEEL
230	7.2	22.23	6,600	A	10	62223626	E 230-7 SG STEEL
	8.3	22.23	6,600	A	10	62223826	E 230-8 SG STEEL



## 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.

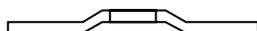


### Special features:

- 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	4.1	22.23	13,300	A	10	62211423	E 115-4,1 SG INOX
	7.2	22.23	13,300	A	10	62211623	E 115-7 SG INOX
125	4.1	22.23	12,200	A	10	62212423	E 125-4,1 SG INOX

Continued on next page



D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
125	5.2	22.23	12,200	A	10	62212523	E 125-5,2 SG INOX
	7.2	22.23	12,200	A	10	62212623	E 125-7 SG INOX
150	7.2	22.23	10,200	A	10	62222730	E 150-7 SG INOX
180	4.1	22.23	8,500	A	10	62217432	E 180-4,1 SG INOX
	7.2	22.23	8,500	A	10	62217632	E 180-7 SG INOX
	8.3	22.23	8,500	A	10	62217832	E 180-8 SG INOX
230	7.2	22.23	6,600	A	10	62223632	E 230-7 SG INOX
	8.3	22.23	6,600	A	10	62223832	E 230-8 SG INOX



## SG ALU ★★☆☆

Grinding wheel for aluminium and other non-ferrous metals 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:

- Operates without the grinding wheel clogging, even on soft, lubricating materials.
- Fast work progress and maximum economic efficiency thanks to the high grinding performance.
- Does not contain any fillers that could leave undesirable residues on the workpiece. The surface can therefore be welded immediately.

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/C	10	62211622	E 115-7 SG ALU
125	7.2	22.23	12,200	A/C	10	62212622	E 125-7 SG ALU
150	7.2	22.23	10,200	A/C	10	62215717	E 150-7 SG ALU
180	7.2	22.23	8,500	A/C	10	62217622	E 180-7 SG ALU
230	7.2	22.23	6,600	A/C	10	62223700	E 230-7 SG ALU





### WHISPER SGP STEELOX ★★★★★

With its multi-layer design, the WHISPER generates considerably less vibration and noise than conventional grinding wheels. Suitable for surface grinding and for work on weld seams and fillet welds.



#### Special features:

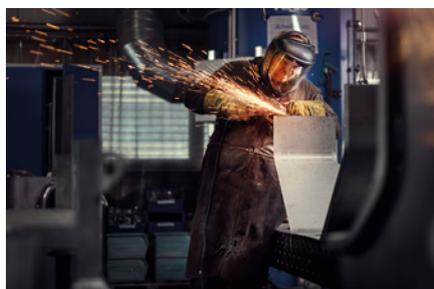
- Noise level decreased by up to 12 dB(A), which corresponds to a reduction of more than 90%.
- Tool structure enables gentle, comfortable grinding with an outstanding surface quality.
- Problem solver for scale.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Depressed-centre design E (type 27)</b> 							
115	7.4	22.23	13,300	A	10	62211848	E 115-7 SGP WHISPER STEELOX
125	7.4	22.23	12,200	A	10	62212848	E 125-7 SGP WHISPER STEELOX



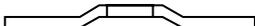
### ZIRKON SGP STEEL ★★★★★

Zirconia alumina grinding wheel with very good grinding performance and an excellent tool life. Suitable for surface grinding, grouting, chamfering and for work on weld seams and fillet welds.



#### Special features:

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

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Depressed-centre design E (type 27)</b> 							
115	7.2	22.23	13,300	Z/A	10	62211737	E 115-7 ZIRKON SGP STEEL
125	7.2	22.23	12,200	Z/A	10	62212737	E 125-7 ZIRKON SGP STEEL
150	7.2	22.23	10,200	Z/A	10	62215326	E 150-7 ZIRKON SGP STEEL
180	7.2	22.23	8,500	Z/A	10	62217737	E 180-7 ZIRKON SGP STEEL
230	7.2	22.23	6,600	Z/A	10	62223737	E 230-7 ZIRKON SGP STEEL



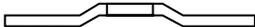
### CERAMIC SGP STEELOX ★★★★★

High-performance grinding wheel with ceramic oxide grain for quick and economical grinding. Suitable for surface grinding, grouting, chamfering and for work on weld seams and fillet welds.



#### Special features:

- The ultimate in aggressive performance and outstanding tool life due to self-sharpening effect of the high-performance abrasive and special bond technology.
- Lower production costs due to much faster work progress compared to conventional grinding wheels.
- Labour-saving work.

D [mm]	U [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>Depressed-centre design E (type 27)</b> 							
115	4.1	22.23	13,300	CO	10	62100115	E 115-4,1 CERAMIC SGP STEELOX
	7.2	22.23	13,300	CO	10	62211300	E 115-7 CERAMIC SGP STEELOX
125	4.1	22.23	12,200	CO	10	62100125	E 125-4,1 CERAMIC SGP STEELOX
	7.2	22.23	12,200	CO	10	62212300	E 125-7 CERAMIC SGP STEELOX
150	4.1	22.23	10,200	CO	10	62100150	E 150-4,1 CERAMIC SGP STEELOX
	7.2	22.23	10,200	CO	10	69901759	E 150-7 CERAMIC SGP STEELOX
180	4.1	22.23	8,500	CO	10	62100180	E 180-4,1 CERAMIC SGP STEELOX
	7.2	22.23	8,500	CO	10	62217300	E 180-7 CERAMIC SGP STEELOX
230	4.1	22.23	6,600	CO	10	62100230	E 230-4,1 CERAMIC SGP STEELOX
	7.2	22.23	6,600	CO	10	62218300	E 230-7 CERAMIC SGP STEELOX



# Grinding wheels for foundries

Performance Line SG ★★☆☆

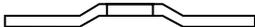


## SG CAST + ALU ★★☆☆

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
<b>Depressed-centre design E (type 27)</b> 							
180	7.2	22.23	8,500	A/C	10	62217681	E 180-7 SG CAST+ALU
230	7.2	22.23	6,600	A/C	10	62223681	E 230-7 SG CAST+ALU



## 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
<b>Depressed-centre design E (type 27)</b> 							
115	7.2	22.23	13,300	C	10	62911625	E 115-7 SG CAST+STONE
125	7.2	22.23	12,200	C	10	62912725	E 125-7 SG CAST+STONE
180	7.2	22.23	8,500	C	10	62917625	E 180-7 SG CAST+STONE
230	7.2	22.23	6,600	C	10	62914720	E 230-7 SG CAST+STONE



# Grinding wheels for foundries

Performance Line SG ★★☆☆



## ZIRKON SG CAST + STEEL ★★☆☆

Zirconia alumina grinding wheel optimized for use on grey/nodular cast iron (GG/GJL, GGG/GJS) and steel with excellent grinding performance and very good tool life. Suitable for surface grinding, grouting, chamfering, deburring and for work on weld seams and fillet welds.



### 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
<b>Depressed-centre design E (type 27)</b> 							
115	7.2	22.23	13,300	Z/A	10	62211747	E 115-7 ZIRKON SG CAST+STEEL
125	7.2	22.23	12,200	Z/A	10	62212747	E 125-7 ZIRKON SG CAST+STEEL
180	7.2	22.23	8,500	Z/A	10	62217628	E 180-7 ZIRKON SG CAST+STEEL
	8.3	22.23	8,500	Z/A	10	62217837	E 180-8 ZIRKON SG CAST+STEEL
230	4.1	22.23	6,600	Z/A	10	62218310	E 230-4,1 ZIRKON SG CAST+STEEL
	5.2	22.23	6,600	Z/A	10	62223527	E 230-5,2 ZIRKON SG CAST+STEEL
	7.2	22.23	6,600	Z/A	10	62223628	E 230-7 ZIRKON SG CAST+STEEL



## ZIRKON SG CAST ★★☆☆

Zirconia alumina grinding wheel optimized for use on grey/nodular cast iron (GG/GJL, GGG/GJS) and casting scale with excellent grinding performance and tool life. Suitable for surface grinding, chamfering and deburring.

### Special features:

- Extremely fast work progress and high efficiency thanks to excellent grinding performance and outstanding 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
<b>Depressed-centre design E (type 27)</b> 							
180	7.2	22.23	8,500	Z/A/C	10	62217738	E 180-7 ZIRKON SG CAST
	8.3	22.23	8,500	Z/A/C	10	62217747	E 180-8 ZIRKON SG CAST
230	7.2	22.23	6,600	Z/A/C	10	62223738	E 230-7 ZIRKON SG CAST
	8.3	22.23	6,600	Z/A/C	10	62223747	E 230-8 ZIRKON SG CAST

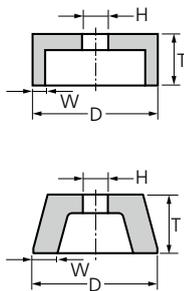
# Cup wheels

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 STEELOX ★★☆☆☆

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



#### Special features:

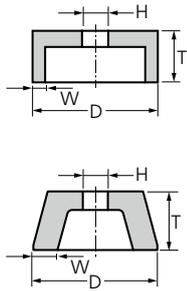
- High grinding performance.
- Good tool life.

D [mm]	Grit size	H [mm]	Thread	T [mm]	W [mm]	Max. RPM	Abrasive		Item no.	Designation	
<b>Cylindrical cup wheel ETT (type 6)</b> 											
80	36	22.23	-	27	8	11,900	A	5	63417122	50 ETT 80-8 A 36 SG STEELOX	
	80	22.23	-	27	8	11,900	A	5	63418702	50 ETT 80-8 A 80 SG STEELOX	
<b>Conical cup wheel ETT (type 11)</b> 											
110	16	22.23	-	55	20	8,600	A	2	63418222	50 ETT 110-20 A 16 SG STEELOX	
	24	22.23	-	55	20	8,600	A	2	63418224	50 ETT 110-20 A 24 SG STEELOX	
	36	22.23	-	55	20	8,600	A	2	63418226	50 ETT 110-20 A 36 SG STEELOX	
125	16	-	M14	51	25	7,600	A	2	63418402	50 ETT 125-25 A 16 SG STEELOX/M14	



# Cup wheels

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
<b>Cylindrical cup wheel ETT (type 6)</b> 									
80	80	22.23	27	8	11,900	C	5	63588122	50 ETT 80-8 C 80 SG CAST+STONE
<b>Conical cup wheel ETT (type 11)</b> 									
110	16	22.23	55	20	8,600	C	2	63518222	50 ETT 110-20 C 16 SG CAST+STONE
	24	22.23	55	20	8,600	C	2	63518224	50 ETT 110-20 C 24 SG CAST+STONE
	30	22.23	55	20	8,600	C	2	63538222	50 ETT 110-20 C 30 SG CAST+STONE
	60	22.23	55	20	8,600	C	2	63518424	50 ETT 110-20 C 60 SG CAST+STONE





## SG STEEL + INOX + CAST ★★☆☆

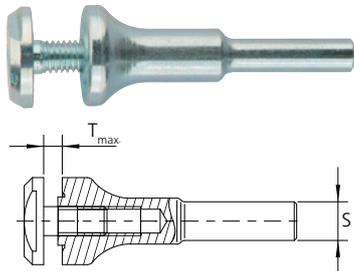
Grinding wheel for use on steel, cast steel, stainless steel (INOX) and cast iron, with high grinding performance and good tool life for work in hard-to-reach areas. Suitable for chamfering, deburring, grouting, and for work on weld seams.



### Special features:

- High grinding performance.
- Good tool life.

D [mm]	T [mm]	H [mm]	Max. RPM	Abrasive		Item no.	Designation
<b>ER (type 1) design</b>							
50	6.2	6	19,100	A	20	65305060	ER 50-6 SG STEEL+INOX+CAST/6,0
	10.5	6	19,100	A	20	65305100	ER 50-10 SG STEEL+INOX+CAST/6,0
		10	19,100	A	20	65305101	ER 50-10 SG STEEL+INOX+CAST/10,0
70	6.2	10	13,600	A	20	65307061	ER 70-6 SG STEEL+INOX+CAST/10,0
	10.5	10	13,600	A	20	65307101	ER 70-10 SG STEEL+INOX+CAST/10,0
	15.7	10	13,600	A	20	65307151	ER 70-15 SG STEEL+INOX+CAST/10,0



## 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 <sub>max</sub> [mm]		Item no.	Designation
6	6	3 – 10	1	42400006	BO 6/6 3-10
8	10	6 – 20	1	42400008	BO 8/10 6-20

