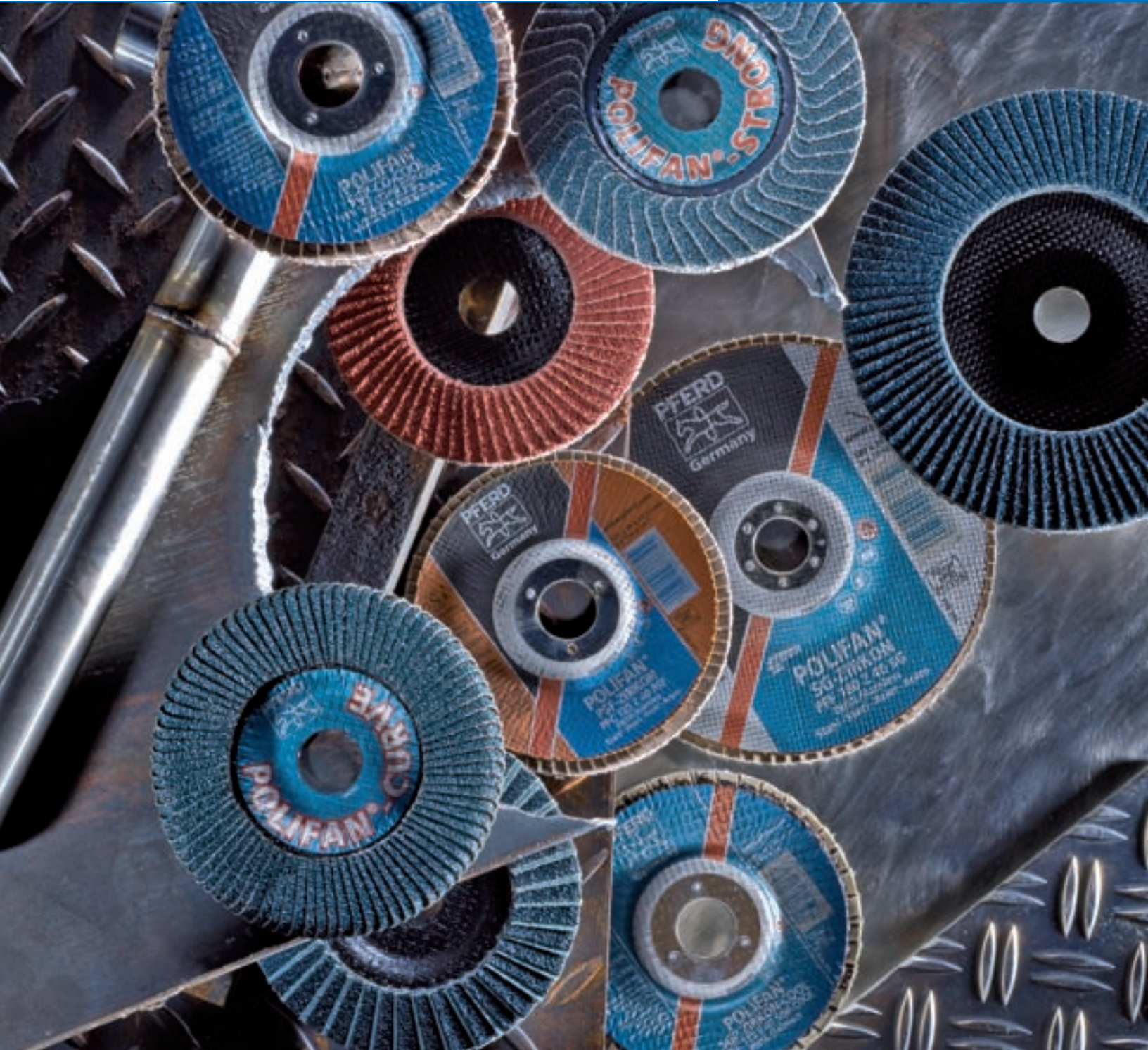


# POLIFAN® Flap Discs

The PFERD Range



- Universal Line PS-FORTE
- Performance Line SG-ELASTIC
- Special/High-Performance Line SG-PLUS



### Product Lines

For the diverse grinding applications in industry and professional trades. PFERD offers POLIFAN® flap discs in three product lines easily differentiated in performance levels by a colour code system:



#### Universal Line PSF

General use in industry and professional trades.



#### Performance Line SG

Widest range of tools for professional use in industry and professional trades.



#### Special Line SGP

For highest possible performance, and for industrial niche applications.

POLIFAN® flap discs can offer advantages over reinforced grinding wheels where a superior surface finish must be achieved in addition to high stock removal rates.

The wide range of high-grade abrasive flap types and proven special-purpose versions available from PFERD meet the demands of the most exacting and difficult grinding tasks while reflecting the specific properties of each material.

The latest flap disc innovations in the PFERD range include the new **POLIFAN®-STRONG** with its exceptional removal rate and tool life and **POLIFAN®-CURVE** for fillet weld grinding.

Special versions for customer-specific applications can be produced and supplied to order.





Starting with the application ① and material ②, the following overview shows the various flap discs in the PFERD range and helps you find the best selection.

① Application	② Workpiece Material		Stainless Steel (INOX)		Aluminum, Non-Ferrous Metals		Plastics and other Materials		Stone, Masonry			
	Type	Page	Type	Page	Type	Page	Type	Page	Type	Page		
Surface Grinding	<b>Universal Line PSF</b>		<b>Universal Line PSF</b>				<b>Universal Line PSF</b>					
	PSF A	37	PSF A	37			PSF A	37				
	PSF ZIRKON	38	PSF ZIRKON	38								
	PSF ZIRKON-EXTRA	39	PSF ZIRKON-EXTRA	39								
<b>Performance Line SG</b>			<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>			
	SG A	40	SG A	40		SG A-COOL	43	SG A		40	SG SiC	45
	SG ZIRKON	41	SG A-COOL	43				SG A-COOL		43		
	SG CO	43	SG ZA	44								
<b>Special Line SGP</b>			<b>Special Line SGP</b>		<b>Special Line SGP</b>		<b>Special Line SGP</b>					
	SGP ZIRKON-EXTRA	48	SGP ZIRKON-COOL	48		SGP CO-COOL	49	SGP CO-COOL	49			
			SGP CO-COOL	49								
			SGP ZIRKON-EXTRA	48								
Weld Dressing	<b>Universal Line PSF</b>		<b>Universal Line PSF</b>									
	PSF A	37	PSF ZIRKON	38								
	PSF ZIRKON	38	PSF ZIRKON-EXTRA	39	<b>Performance Line SG</b>	SG A-COOL	43					
	PSF ZIRKON-EXTRA	39				SG SiC	45					
<b>Performance Line SG</b>		<b>Performance Line SG</b>										
SG A	40	SG ZA	44									
<b>Special Line SGP</b>			<b>Special Line SGP</b>		<b>Special Line SGP</b>		<b>Special Line SGP</b>					
	SG ZIRKON-COMPACT	42	SGP ZIRKON-COOL	48		SGP CO-COOL	49					
	SG ZIRKON	41	SGP CO-COOL	49								
	SGP ZIRKON-STRONG	46	SGP ZIRKON-EXTRA	48								
Chamfering	<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>			
	SG ZIRKON-COMPACT	42	SG ZIRKON	41		SG SiC	45	SG A		40	SG SiC	45
	SG ZIRKON	41										
	<b>Special Line SGP</b>					<b>Special Line SGP</b>						
Deburring					<b>Performance Line SG</b>		<b>Performance Line SG</b>		<b>Performance Line SG</b>			
	<b>Performance Line SG</b>					SG SiC	45	SG A		40		
	SG ZIRKON-COMPACT	42				SGP CO-COOL	49					
	<b>Special Line SGP</b>											
Fillet Grinding												
	<b>Special Line SGP</b>		<b>Special Line SGP</b>									
	SGP ZIRKON-CURVE	47	SGP ZIRKON-CURVE	47								

③ Power Tools Output Levels	Machine Type	Power Rating			
		4" Dia.	4-1/2" Dia.	5" Dia.	7" Dia.
High Power	Air Powered Tools (HP = Horsepower)	-	1.0+ HP	1.3+ HP	2+ HP
	Electric Tools (Based on 120 Volts)	5+ amps	7+ amps	8.5+ amps	13+ amps
Low Power	Air Powered Tools (HP = Horsepower)	< 0.8 HP	< 1.0 HP	< 1.3 HP	< 2 HP
	Electric Tools (Based on 120 Volts)	< 5 amps	< 7 amps	< 8.5 amps	< 13 amps

Should the machine power output be in doubt, we recommend that you focus on output level "Low Power".

# POLIFAN® Flap Discs

## General Information



### PFERD Specification Number

PFC 125 A 40 SG COOL  
1 2 3 4 5 6

#### 1. Designation and Shape of the Tool

- PFF = Flat Type 27
- PFC = Conical Type 29
- PFR = Radial Type



#### 2. Outside Diameter

Outside Dia. D in [mm]

#### 3. Abrasive

- A = Aluminum Oxide
- CO = Ceramic Oxide
- SiC = Silicon Carbide
- Z = Zirconia Alumina
- ZA = Zirconia Alumina/Aluminum Oxide

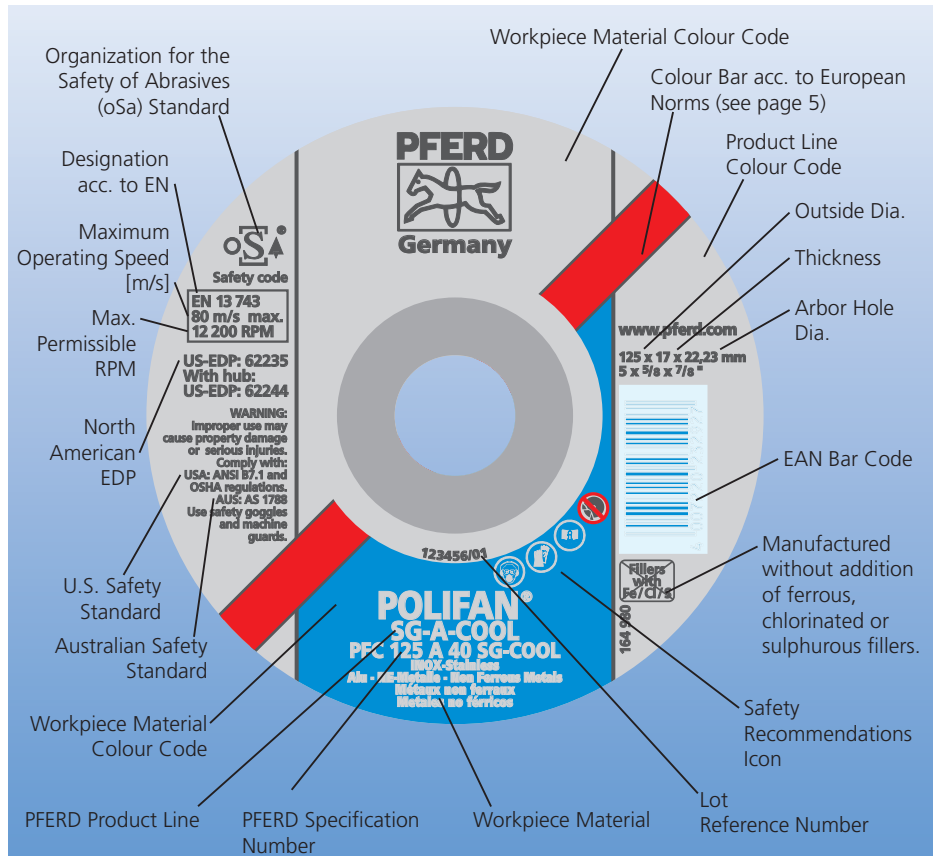
#### 4. Grit Size

#### 5. PFERD Product Lines

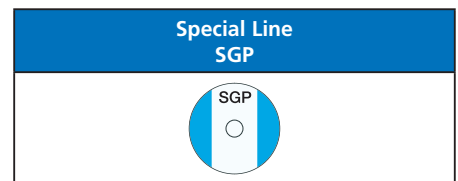
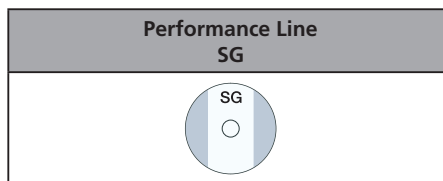
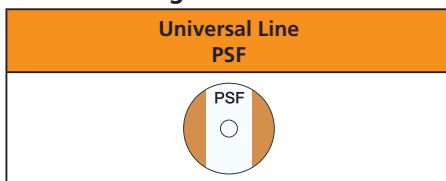
- Universal Line PSF
- Performance Line SG
- Special Line SGP

#### 6. Tool Variant

- COMPACT = For chamfering and deburring
- COOL = For very cool grinding
- CORNER = For corners and angles
- CURVE = For fillet grinding
- EXTRA = For extended service life
- STRONG = For maximum stock removal and tool life



### Colour Coding of the Three Product Lines



### Colour Coding for the Recommended Workpiece Materials

Universal Line PSF	
Material = Colour	Page
Steel, Stainless Steel (INOX) black/blue	37-39

Performance Line SG	
Material = Colour	Page
Steel black	42
Steel, Stainless Steel (INOX) black/blue	40-41, 43, 47-48
Alu., Non-ferr. Metals, Stainless Steel (INOX) silver/blue	43
Stainless Steel (INOX) blue	44
Titanium, Alu., Fibreglass, Plastics, Masonry green	45

Special Line SGP	
Material = Colour	Page
Steel, black	46
Steel, Stainless Steel (INOX) black/blue	47-48
Stainless Steel (INOX) blue	48-49

### Maximum Operating Speed

The maximum operating speed [m/s] is shown on the product labels and product packs by a colour bar. The maximum permissible RPM specification applies to the nominal diameter of the tools (see table right).

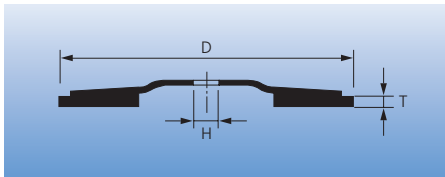
Maximum Operating Speed	Colour Bars
50 m/s	blue
63 m/s	yellow
80 m/s	red
100 m/s	green

### Dust Warning

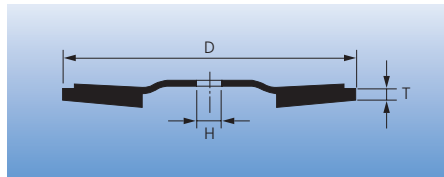
Use of the tools in this catalogue may create dust and other particles. To avoid any risk of adverse health effects, the operator must use appropriate protective measures, including a respirator, during and after tool operation. Refer to our Material Safety Data Sheet (MSDS) for further information regarding the product to be used. Furthermore, additional health hazards may result from dust in the surrounding environment and from dust generated from the work-piece material. PROTECTIVE MEASURES FOR THE OPERATOR MUST ADDRESS DUST AND OTHER PARTICULATES ARISING FROM ALL SOURCES. Always use our products in a well-ventilated workspace.

### Dimensions

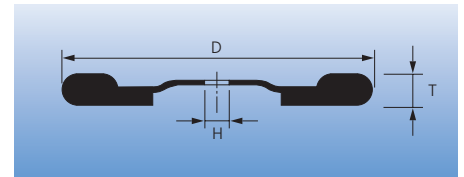
The diameter, thickness and centre hole dimensions are indicated in the drawings and tables by means of the following symbols:



Flat (Type 27)



Conical (Type 29)



Radial Type

### Safety Recommendations



= Wear protective goggles!



= Use ear protection!



= Wear protective gloves!



= Observe safety recommendations!



= Wear dust respirators!



= Observe the minimum blade angle on reinforced grinding wheels!



Read the Material Safety Data Sheets (MSDS) before using any materials!



= Do not use damaged wheels!



= Not approved for wet grinding!





# Grinding and Cut-Off Wheels

## Safety Information

### PFERD – Your Partner for Safe Tools!

As a leading manufacturer of abrasive tools, PFERD meets all requirements of national and international laws, standards, codes and guidelines.

Abrasive manufacturers, machine producers and users all contribute to grinding safety. PFERD products are built to meet all safety requirements. The user, however, has the final responsibility for correct handling and safe operation of power tools and abrasive products.

### ANSI EN ISO

The PFERD quality management system is EN ISO 9001 certified and guarantees compliance with all regulations.

Do you have any questions on grinding safety? PFERD will be glad to provide advice and support, whether through seminars at our training centres or via our local field service representatives.

### Safety Standards

Grinding and cut-off wheels made by PFERD conform to the most exacting quality and safety requirements and are marked according to the following key European and international safety standards:

- EN 12413:2007 for bonded abrasive products
- EN 13236:2000 for superabrasives
- EN 13743:2001 for coated abrasives
- ANSI Safety Code B7.1  
OSHA regulations (North America)
- AS 1788.2:1987

### OSHA's Mission

OSHA's mission is to assure the safety and health of America's workers by setting and enforcing standards; providing training, outreach, and education; establishing partnerships; and encouraging continual improvement in workplace safety and health.

### PFERD is an oSa Founding Member

Together with other manufacturers, PFERD has undertaken voluntarily to produce quality tools conforming to the most exacting safety standards.

oSa member companies manufacture to the most stringent specifications worldwide and are committed to continuous product safety and quality monitoring.

PFERD tools carry the oSa mark (Organization for the Safety of Abrasives).



### Grinding Wheel Safety

#### DO:

- Always handle and store wheels in a careful manner.
- Always visually inspect all wheels before mounting for possible damage in transit. Resinoid can only be checked visually for possible damage.
- Always check maximum operating speed established for wheel against machine speed.
- Always check flanges for equal and correct diameter.
- Always use a machine guard covering at least one-half of the grinding wheel.
- Always allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before grinding.
- Always wear safety goggles or other protective eyewear when grinding.

#### DON'T:

- Don't use a wheel that has been dropped. The impact may result in breakage.
- Don't force a wheel onto the machine or alter the size of the arbor hole. Don't use a wheel that fits the arbor too loosely. If the wheel doesn't fit the machine, get one that fits correctly.
- Don't exceed maximum operating speed established for the wheel.
- Don't use mounting flanges which are warped, nicked, sprung, or which are not clean.
- Don't tighten the mounting nut excessively. On multiple screw mountings, 15-foot pounds per screw is usually enough.
- Don't grind on the edge of the wheel unless the wheel is specifically designed for that purpose.
- Don't start the machine unless all guards are in place.
- Don't stand directly in front of a grinding wheel when a grinder is started.
- Don't grind material for which the wheel is not designed.
- Don't use relieved or recessed flanges with threaded hole cup wheels, cones or plugs.

### WARNING!

Improper use may cause property damage or serious injuries. Comply with ANSI Safety Code B7.1 and OSHA regulations. Use safety goggles and machine guards.

### Technical Customer Support

Our sales consultants, customer service and technical support agents will be glad to assist you by phone or on-site to optimize your applications. Please contact us:

**Canada: (866) 245-1555**

**USA: (800) 342-9015**

You will find our worldwide contact information at [www.pferd.com](http://www.pferd.com).

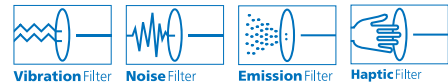
### PFERDERGONOMICS

Grinding and cut-off wheels from PFERD help to reduce the hazardous vibrations and noise during the work process.

To be able to fulfill these increased requirements,

**PFERDERGONOMICS** supplies solutions for

- Lower vibration
- Reduced noise
- Less dust exposure
- Optimized haptics at work.



We will be happy to send you more information about the topic of health and safety on request.





Versatile flap disc for multi-purpose grinding tasks. Suitable for angle grinders of all power outputs. Offers aggressive grinding performance and a good service life. Optimizes inventory management due to its suitability for many materials.

**Abrasive: Aluminum Oxide**

Grit sizes: 40, 60, 80, 120

INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

**Workpiece Materials**

Steel, Stainless steel (INOX), plastics, wood

**Application**

Surface grinding, edge grinding

**Recommendation for Use**



Achieves very good grinding results even at low contact pressure.

**PFERD Specification Number**

PSF A

**Steel/Stainless Steel (INOX)/Plastics  
Type PSF A**



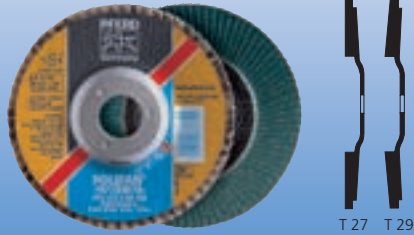
Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	5/8	16	40	7/8	62009	10	5/8-11	62028	10	13,300
4-1/2	5/8	15	60	7/8	62010	10	5/8-11	62029	10	13,300
4-1/2	5/8	15	80	7/8	62011	10	5/8-11	62030	10	13,300
4-1/2	1/2	13	120	7/8	62012	10	5/8-11	62031	10	13,300
5	5/8	16	40	7/8	63001	10	5/8-11	63006	10	12,200
5	5/8	15	60	7/8	63002	10	5/8-11	63007	10	12,200
5	5/8	15	80	7/8	63003	10	5/8-11	63008	10	12,200
5	1/2	13	120	7/8	63004	10	5/8-11	63009	10	12,200
7	5/8	16	40	7/8	62019	10	5/8-11	62038	10	8,600
7	9/16	14	60	7/8	62020	10	5/8-11	62039	10	8,600
7	9/16	14	80	7/8	62021	10	5/8-11	62040	10	8,600

Conical (PFC - Type 29)										
4-1/2	5/8	15	40	7/8	62047	10	5/8-11	62066	10	13,300
4-1/2	9/16	14	60	7/8	62048	10	5/8-11	62067	10	13,300
4-1/2	5/8	15	80	7/8	62049	10	5/8-11	62068	10	13,300
4-1/2	1/2	12	120	7/8	62050	10	5/8-11	62069	10	13,300
5	5/8	15	40	7/8	63021	10	5/8-11	63026	10	12,200
5	9/16	14	60	7/8	63022	10	5/8-11	63027	10	12,200
5	9/16	14	80	7/8	63023	10	5/8-11	63028	10	12,200
5	1/2	12	120	7/8	63024	10	5/8-11	63029	10	12,200
7	5/8	15	40	7/8	62057	10	5/8-11	62076	10	8,600
7	9/16	14	60	7/8	62058	10	5/8-11	62077	10	8,600

# POLIFAN® Flap Discs

## Flat (Type 27) and Conical (Type 29) – Universal Line PSF

**Steel/Stainless Steel (INOX)  
Type PSF ZIRKON**



T 27 T 29

General purpose flap discs for multipurpose, demanding grinding applications.

**Abrasive: Zirconia Alumina Z**

Grit sizes: 40, 60, 80, 120  
INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

**Workpiece Materials**

Steel, stainless steel (INOX)

**Application**

Weld dressing, edge finishing



**Recommendation for Use**

Optimum stock removal rates are achieved with high-powered angle grinders used at higher application pressures.



**PFERD Specification Number**

PSF Z

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4	5/8	15	40	5/8	62004	10	3/8-24	62159	10	15,300
4	9/16	14	60	5/8	62005	10	3/8-24	62161	10	15,300
4	9/16	14	80	5/8	62006	10	3/8-24	62163	10	15,300
4	9/16	14	120	5/8	62007	10	3/8-24	62165	10	15,300
4-1/2	5/8	15	40	7/8	62014	10	5/8-11	62033	10	13,300
4-1/2	9/16	14	60	7/8	62015	10	5/8-11	62034	10	13,300
4-1/2	9/16	14	80	7/8	62016	10	5/8-11	62035	10	13,300
5	5/8	15	40	7/8	63011	10	5/8-11	63015	10	12,200
5	9/16	14	60	7/8	63012	10	5/8-11	63016	10	12,200
5	9/16	14	80	7/8	63013	10	5/8-11	63017	10	12,200
6	5/8	15	40	7/8	63051	10	5/8-11	63056	10	10,200
6	9/16	14	60	7/8	63052	10	5/8-11	63057	10	10,200
7	5/8	15	40	7/8	62024	10	5/8-11	62043	10	8,600
7	9/16	14	60	7/8	62025	10	5/8-11	62044	10	8,600
7	9/16	14	80	7/8	62026	10	5/8-11	62045	10	8,600
Conical (PFC - Type 29)										
4-1/2	5/8	15	40	7/8	62052	10	5/8-11	62071	10	13,300
4-1/2	9/16	14	60	7/8	62053	10	5/8-11	62072	10	13,300
4-1/2	9/16	14	80	7/8	62054	10	5/8-11	62073	10	13,300
5	5/8	15	40	7/8	63031	10	5/8-11	63035	10	12,200
5	9/16	14	60	7/8	63032	10	5/8-11	63036	10	12,200
5	9/16	14	80	7/8	63033	10	5/8-11	63037	10	12,200
6	5/8	15	40	7/8	63071	10	5/8-11	63076	10	10,200
6	9/16	14	60	7/8	63072	10	5/8-11	63077	10	10,200
7	5/8	15	40	7/8	62062	10	5/8-11	62081	10	8,600
7	9/16	14	60	7/8	62063	10	5/8-11	62082	10	8,600
7	9/16	14	80	7/8	62064	10	5/8-11	62083	10	8,600



The POLIFAN® PSF ZIRKON-EXTRA range of flap discs features a special flap arrangement to provide flexibility and a cushioned grinding effect. Built with premium Zirconia abrasive material, PSF ZIRKON-EXTRA is constructed with 40 % more material than standard PSF flap discs, providing a long service life and an improved surface finish.



### Abrasive: Zirconia Alumina Z

Grit sizes: 36, 40, 60, 80, 120

INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

### Workpiece Materials

Steel, stainless steel (INOX)

### Application

Surface grinding, work on weld seams

### Recommendation for Use

While these discs perform on all power outputs, high-powered angle grinders will achieve optimum results.



### PFERD Specification Number

PSF Z-EXTRA

### Steel/Stainless Steel (INOX) Type PSF ZIRKON-EXTRA



T 27 T 29

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	3/4	18	36	7/8	60457	10	5/8-11	60485	10	13,300
4-1/2	3/4	19	40	7/8	60458	10	5/8-11	60486	10	13,300
4-1/2	3/4	18	60	7/8	60460	10	5/8-11	60488	10	13,300
4-1/2	3/4	18	80	7/8	60461	10	5/8-11	60489	10	13,300
4-1/2	5/8	17	120	7/8	60462	10	5/8-11	60490	10	13,300
5	5/8	17	36	7/8	60464	10	5/8-11	60492	10	12,200
5	5/8	16	40	7/8	60465	10	5/8-11	60493	10	12,200
5	5/8	17	60	7/8	60467	10	5/8-11	60495	10	12,200
5	5/8	17	80	7/8	60468	10	5/8-11	60496	10	12,200
5	5/8	17	120	7/8	60469	10	5/8-11	60497	10	12,200
7	5/8	16	36	7/8	60478	10	5/8-11	60506	10	8,600
7	5/8	16	40	7/8	60479	10	5/8-11	60507	10	8,600
7	5/8	16	60	7/8	60481	10	5/8-11	60509	10	8,600
7	5/8	16	80	7/8	60482	10	5/8-11	60510	10	8,600
7	5/8	16	120	7/8	60483	10	5/8-11	60511	10	8,600
Conical (PFC - Type 29)										
4-1/2	3/4	19	36	7/8	60625	10	5/8-11	60653	10	13,300
4-1/2	3/4	19	40	7/8	60626	10	5/8-11	60654	10	13,300
4-1/2	3/4	18	60	7/8	60628	10	5/8-11	60656	10	13,300
4-1/2	5/8	17	80	7/8	60629	10	5/8-11	60657	10	13,300
4-1/2	5/8	17	120	7/8	60630	10	5/8-11	60658	10	13,300
5	5/8	17	36	7/8	60632	10	5/8-11	60660	10	12,200
5	5/8	16	40	7/8	60633	10	5/8-11	60661	10	12,200
5	5/8	17	60	7/8	60635	10	5/8-11	60663	10	12,200
5	5/8	17	80	7/8	60636	10	5/8-11	60664	10	12,200
5	5/8	17	120	7/8	60637	10	5/8-11	60665	10	12,200
7	5/8	17	36	7/8	60646	10	5/8-11	60674	10	8,600
7	5/8	17	40	7/8	60647	10	5/8-11	60675	10	8,600
7	5/8	17	60	7/8	60649	10	5/8-11	60677	10	8,600
7	5/8	17	80	7/8	60650	10	5/8-11	60678	10	8,600
7	5/8	17	120	7/8	60651	10	5/8-11	60679	10	8,600

# POLIFAN® Flap Discs

## Flat (Type 27) and Conical (Type 29) – Performance Line SG



### Steel/Stainless Steel (INOX)/Plastics Type SG A



Premium flap discs for high stock removal and extended service life. Effective on angle grinders of all output levels.

#### Abrasive: Aluminum Oxide

Grit sizes: 24, 40, 60, 80, 120  
INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

#### Workpiece Materials

Steel, stainless steel (INOX), plastics, wood

#### Application



Surface grinding, edge grinding

#### Recommendation for Use

Achieves very high stock removal rates even at low contact pressure.

#### PFERD Specification Number

SG A

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4	5/8	15	40	5/8	62140	10	3/8-24	62141	10	15,300
4	5/8	15	60	5/8	62142	10	3/8-24	62143	10	15,300
4	9/16	14	80	5/8	62144	10	3/8-24	62145	10	15,300
4	1/2	13	120	5/8	62146	10	3/8-24	62147	10	15,300
4-1/2	3/4	19	24	7/8	62149	10	5/8-11	62257	10	13,300
4-1/2	3/4	19	40	7/8	62150	10	5/8-11	62250	10	13,300
4-1/2	5/8	17	60	7/8	62152	10	5/8-11	62252	10	13,300
4-1/2	5/8	17	80	7/8	62154	10	5/8-11	62254	10	13,300
4-1/2	5/8	15	120	7/8	62156	10	5/8-11	62256	10	13,300
5	3/4	19	40	7/8	62158	10	5/8-11	62258	10	12,200
5	5/8	17	60	7/8	62160	10	5/8-11	62260	10	12,200
5	5/8	17	80	7/8	62162	10	5/8-11	62262	10	12,200
5	5/8	15	120	7/8	62164	10	5/8-11	62264	10	12,200
7	13/16	20	24	7/8	62166	10	5/8-11	62266	10	8,600
7	3/4	19	40	7/8	62168	10	5/8-11	62268	10	8,600
7	5/8	17	60	7/8	62170	10	5/8-11	62270	10	8,600
7	5/8	17	80	7/8	62172	10	5/8-11	62272	10	8,600
7	5/8	15	120	7/8	62174	10	5/8-11	62274	10	8,600

### Conical (PFC - Type 29)

4-1/2	5/8	17	24	7/8	62201	10	5/8-11	62301	10	13,300
4-1/2	5/8	17	40	7/8	62202	10	5/8-11	62302	10	13,300
4-1/2	5/8	17	60	7/8	62203	10	5/8-11	62303	10	13,300
4-1/2	5/8	17	80	7/8	62204	10	5/8-11	62304	10	13,300
4-1/2	5/8	15	120	7/8	62205	10	5/8-11	62305	10	13,300
5	5/8	17	24	7/8	62212	10	5/8-11	62312	10	12,200
5	5/8	17	40	7/8	62213	10	5/8-11	62313	10	12,200
5	5/8	17	60	7/8	62214	10	5/8-11	62314	10	12,200
5	5/8	17	80	7/8	62215	10	5/8-11	62315	10	12,200
5	5/8	15	120	7/8	62216	10	5/8-11	62316	10	12,200
7	3/4	19	24	7/8	62207	10	5/8-11	62307	10	8,600
7	5/8	17	40	7/8	62208	10	5/8-11	62308	10	8,600
7	5/8	17	60	7/8	62209	10	5/8-11	62309	10	8,600
7	5/8	17	80	7/8	62210	10	5/8-11	62310	10	8,600
7	5/8	15	120	7/8	62211	10	5/8-11	62311	10	8,600



Zirconia grain offers the maximum efficiency in most demanding grinding applications. High stock removal rate and extended service life.

**Abrasive: Zirconia Alumina Z**

Grit sizes: 24, 36, 40, 60  
 INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

**Workpiece Materials**

Steel, stainless steel (INOX)

**Application**

Weld grinding, edge finishing

**Recommendation for Use**

Zirconia alumina grain is a high-performance abrasive medium delivering optimum performance on high-powered angle grinders at higher contact pressures and/or steeper work angles.

**PFERD Specification Number**

SG Z



Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4	5/8	15	40	5/8	62138	10	3/8-24	62197	10	15,300
4	5/8	15	60	5/8	62139	10	3/8-24	62198	10	15,300
4-1/2	3/4	18	24	7/8	62179	10	5/8-11	62279	10	13,300
4-1/2	3/4	18	36	7/8	62173	10	5/8-11	62273	10	13,300
4-1/2	3/4	18	40	7/8	62176	10	5/8-11	62276	10	13,300
4-1/2	3/4	18	60	7/8	62178	10	5/8-11	62278	10	13,300
5	3/4	18	36	7/8	62181	10	5/8-11	62281	10	12,200
5	3/4	18	40	7/8	62182	10	5/8-11	62282	10	12,200
5	3/4	18	60	7/8	62184	10	5/8-11	62284	10	12,200
7	13/16	20	36	7/8	62187	10	5/8-11	62287	10	8,600
7	13/16	20	40	7/8	62188	10	5/8-11	62288	10	8,600
7	3/4	18	60	7/8	62190	10	5/8-11	62290	10	8,600
Conical (PFC - Type 29)										
4-1/2	5/8	17	24	7/8	62221	10	5/8-11	62321	10	13,300
4-1/2	3/4	18	36	7/8	62191	10	5/8-11	62194	10	13,300
4-1/2	5/8	17	40	7/8	62222	10	5/8-11	62322	10	13,300
4-1/2	5/8	17	60	7/8	62223	10	5/8-11	62323	10	13,300
5	3/4	18	36	7/8	62192	10	5/8-11	62195	10	12,200
5	5/8	17	40	7/8	62225	10	5/8-11	62325	10	12,200
5	5/8	17	60	7/8	62226	10	5/8-11	62326	10	12,200
7	3/4	18	36	7/8	62193	10	5/8-11	62196	10	8,600
7	13/16	20	40	7/8	62228	10	5/8-11	62328	10	8,600
7	5/8	17	60	7/8	62229	10	5/8-11	62329	10	8,600





# POLIFAN® Flap Discs

## Conical (Type 29) – Performance Line SG

**Steel**  
**Type SG ZIRKON-COMPACT**



COMPACT flap discs are produced with more material in the same amount of space as typical flap discs. This results in faster grinding performance and increased service life without sacrificing flap grinding performance on edges.

**Abrasive: Zirconia Alumina Z**  
Grit sizes: 40, 60



**Workpiece Materials**  
Steel

**Application**  
Weld grinding, chamfering, deburring

**Recommendation for Use**  
Zirconia alumina grain is a high-performance abrasive delivering optimum performance on high-powered angle grinders.

**PFERD Specification Number**  
SG Z-COMPACT



Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Conical (PFC - Type 29)										
4-1/2	3/4	18	40	7/8	62781	10	5/8-11	62791	10	13,300
4-1/2	3/4	18	60	7/8	62782	10	5/8-11	62792	10	13,300
5	3/4	18	40	7/8	62783	10	5/8-11	62793	10	12,200
5	3/4	18	60	7/8	62784	10	5/8-11	62794	10	12,200





# POLIFAN® Flap Discs

## Flat (Type 27) and Conical (Type 29) – Performance Line SG

Performance Ceramic POLIFAN® SG-CO is designed for demanding grinding applications on materials which are hard to work. These discs offer highly-aggressive stock removal and high productivity.

### Ceramic Grain – Advantages for the User

- Consistent high performance and optimum grinding tool use, as the ceramic grit re-sharpens itself continuously during the grinding process.
- Highest stock removal and very long tool life because the abrasive clogs up less and the active grinding substances clearly improve stock removal.
- Reduction in processing times and simultaneous improvement of the surface finish: Reduced working steps, working costs and corresponding improvement in productivity
- Particularly cool grinding of low heat conducting materials ensures optimum grinding results without heat damage to the material.

### Abrasive: Ceramic Oxide CO

Grit sizes: 40, 60

### Workpiece Materials

Alloyed, high-alloy and rustproof steel, nickel-based alloys, titanium alloys

### Application

Surface grinding, work on weld seams

### Application Examples

- Grinding work on stainless steel (INOX) components used in sewage and water management facilities.
- Fine grinding work in engine and turbine construction and maintenance.
- Grinding during the production of gas, steam and water turbines.
- Surface machining in vehicle and commercial vehicle construction.
- Work on hard weld seams in steel construction.

### Recommendation for Use

The self-sharpening ceramic grit achieves optimum grinding results without producing annealing colour. Can also be used on hard mill scale. Best grinding results achieved with high-performance angle grinders.

### PFERD Specification Number

SG CO

### Stainless Steel (INOX)/Steel Type SG CO



Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	3/4	18	40	7/8	60820	10	5/8-11	60854	10	13,300
4-1/2	3/4	17	60	7/8	60821	10	5/8-11	60855	10	13,300
5	3/4	18	40	7/8	60824	10	5/8-11	60858	10	12,200
5	3/4	17	60	7/8	60825	10	5/8-11	60859	10	12,200
Conical (PFC - Type 29)										
4-1/2	5/8	18	40	7/8	60836	10	5/8-11	60870	10	13,300
4-1/2	5/8	17	60	7/8	60837	10	5/8-11	60871	10	13,300
5	5/8	18	40	7/8	60840	10	5/8-11	60874	10	12,200
5	5/8	17	60	7/8	60841	10	5/8-11	60875	10	12,200

This unique flap disc offers very cool grinding on materials with poor thermal conductivity. Excels at grinding applications which require high-grade surface finish and low thermal stress. It also resists loading, making it equally useful on aluminum and non-ferrous metals.

### Abrasive: Aluminum Oxide Plus Coolant

Grit sizes: 40, 60, 80, 120

INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

### Workpiece Materials

Stainless steel (INOX), aluminum, non-ferrous metals

### Application

Weld dressing, surface grinding with low heat input

### Recommendation for Use

Ensures low build-up of heat in the workpiece when used with minimum contact pressure. Performs exceptionally well on sheet metal and thin sectional material.

### PFERD Specification Number

SG A-COOL

### Stainless Steel (INOX)/Aluminum/ Non-Ferrous Metals Type SG A-COOL



Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4	5/8	15	40	5/8	62354	10	3/8-24	62446	10	15,300
4	9/16	14	60	5/8	62355	10	3/8-24	62447	10	15,300
4	9/16	14	80	5/8	62356	10	3/8-24	62448	10	15,300



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# POLIFAN® Flap Discs

## Flat (Type 27) and Conical (Type 29) – Performance Line SG



Continued from last page.

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
4	9/16	14	120	5/8	62357	10	3/8-24	62449	10	15,300
4-1/2	3/4	18	40	7/8	62361	10	5/8-11	62373	10	13,300
4-1/2	5/8	17	60	7/8	62362	10	5/8-11	62374	10	13,300
4-1/2	5/8	17	80	7/8	62363	10	5/8-11	62375	10	13,300
4-1/2	9/16	14	120	7/8	62364	10	5/8-11	62376	10	13,300
5	3/4	18	40	7/8	62365	10	5/8-11	62377	10	12,200
5	5/8	17	60	7/8	62366	10	5/8-11	62378	10	12,200
5	5/8	17	80	7/8	62367	10	5/8-11	62379	10	12,200
7	3/4	18	40	7/8	62369	10	5/8-11	62381	10	8,600
7	5/8	17	60	7/8	62370	10	5/8-11	62382	10	8,600
7	5/8	17	80	7/8	62371	10	5/8-11	62383	10	8,600
7	5/8	16	120	7/8	62372	10	5/8-11	62384	10	8,600

Conical (PFC - Type 29)

4-1/2	5/8	15	40	7/8	62231	10	5/8-11	62241	10	13,300
4-1/2	9/16	14	60	7/8	62232	10	5/8-11	62242	10	13,300
4-1/2	9/16	14	80	7/8	62233	10	5/8-11	62243	10	13,300
4-1/2	9/16	14	120	7/8	62234	10	5/8-11	62244	10	13,300
5	5/8	17	40	7/8	62235	10	5/8-11	62244	10	12,200
5	5/8	16	60	7/8	62236	10	5/8-11	62245	10	12,200
5	5/8	16	80	7/8	62237	10	5/8-11	62246	10	12,200
7	5/8	17	40	7/8	62238	10	5/8-11	62247	10	8,600
7	5/8	16	60	7/8	62239	10	5/8-11	62248	10	8,600
7	5/8	16	80	7/8	62240	10	5/8-11	62249	10	8,600

### Stainless Steel (INOX) Type SG ZA



Professional tool for demanding grinding work. PFERD design with high stock removal and tool life.

**Abrasive: Zirconia Alumina/  
Aluminum Oxide ZA**

Grit sizes: 24, 40, 60, 80

**Workpiece Materials**

Stainless steel (INOX)

**Application**

Surface grinding, work on weld seams



**Recommendation for Use**

The high-performance abrasive zirconia alumina retains its good cutting qualities particularly

during surface grinding on stainless steel (INOX) and does not glaze. Recommended for angle grinders of all power output levels.

**PFERD Specification Number**  
SG ZA





Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
4	5/8	16	40	7/8	60890	10	3/8-24	60920	10	15,300
4	5/8	16	60	7/8	60891	10	3/8-24	60921	10	15,300
4	5/8	16	80	7/8	60892	10	3/8-24	60922	10	15,300
4-1/2	3/4	18	40	7/8	60895	10	5/8-11	60925	10	13,300

Flat (PFF - Type 27)

Continued on next page.



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Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
4-1/2	5/8	17	60	7/8	60897	10	5/8-11	60927	10	13,300
4-1/2	5/8	16	80	7/8	60898	10	5/8-11	60928	10	13,300
5	3/4	18	40	7/8	60902	10	5/8-11	60932	10	12,200
5	5/8	17	60	7/8	60904	10	5/8-11	60934	10	12,200
5	5/8	17	80	7/8	60905	10	5/8-11	60935	10	12,200
7	3/4	19	24	7/8	60914	10	5/8-11	60944	10	8,600
7	3/4	18	40	7/8	60916	10	5/8-11	60946	10	8,600
7	5/8	17	60	7/8	60918	10	5/8-11	60948	10	8,600
7	5/8	16	80	7/8	60919	10	5/8-11	60949	10	8,600

Conical (PFC - Type 29)

4-1/2	5/8	17	40	7/8	60952	10	5/8-11	60976	10	13,300
4-1/2	5/8	17	60	7/8	60954	10	5/8-11	60978	10	13,300
4-1/2	5/8	16	80	7/8	60955	10	5/8-11	60979	10	13,300
5	5/8	17	40	7/8	60959	10	5/8-11	60983	10	12,200
5	5/8	17	60	7/8	60960	10	5/8-11	60984	10	12,200
5	5/8	16	80	7/8	60961	10	5/8-11	60985	10	12,200
7	3/4	19	24	7/8	60969	10	5/8-11	60993	10	8,600
7	5/8	17	40	7/8	60971	10	5/8-11	60995	10	8,600
7	5/8	17	60	7/8	60972	10	5/8-11	60996	10	8,600
7	5/8	16	80	7/8	60973	10	5/8-11	60997	10	8,600



This uncommon flap disc offers a unique solution for applications where surface finish demands are higher than can be achieved by conventional silicon carbide grinding and cup wheels. Designed for grinding on hard to machine metals, plastics and masonry products.

**Abrasive: Silicon Carbide**  
Grit sizes: 24, 40, 80

**Workpiece Materials**  
Titanium, aluminum, fiberglass, plastics, masonry



**Application**  
Surface grinding, edge grinding, removal of form marks from concrete

**PFERD Specification Number**  
SG SiC

Titanium/Aluminum/Fiberglass/  
Plastics/Masonry  
Type SG SiC



T 27

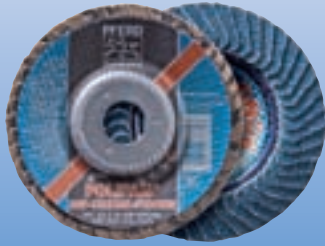
Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
4-1/2	3/4	18	24	7/8	62124	10	5/8-11	62130	10	13,300
4-1/2	3/4	18	40	7/8	62125	10	5/8-11	62131	10	13,300
4-1/2	5/8	17	80	7/8	62126	10	5/8-11	62132	10	13,300
7	3/4	18	24	7/8	62127	10	5/8-11	62133	10	8,600
7	5/8	17	80	7/8	62129	10	5/8-11	62135	10	8,600

Flat (PFF - Type 27)

# POLIFAN®-STRONG Flap Discs

## Conical (Type 29) – Special Line SGP

**Steel**  
**Type SGP ZIRKON-STRONG**



T 29

The patented POLIFAN®-STRONG construction opens up a completely new dimension in grinding work on steel.

Superb features offer exceptional performance benefits:

- Fastest possible stock removal rates.
- Extraordinary stability previously only found in reinforced grinding wheels.
- Extended flap length allows for continued aggressive grinding up to the last grain.
- Extremely long tool life.
- Highly cost-effective due to reductions in tool changes and grinding times.

**Abrasive: Zirconia Alumina Z**  
Grit sizes: 36, 50

**Workpiece Materials**  
Steel

**Application**

Work on weld seams, chamfering, deburring



**Recommendation for Use**

**Grit Size 36** is ideal for coarse grinding of steel, e.g. work on weld seams.

**Grit Size 50** is perfectly suited for work on edges, e.g. chamfering, deburring.

Abrasive, flaps and backing pad types are designed for use on high-performance power tools.

**PFERD Specification Number**  
SGP Z-STRONG

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Conical (PFC - Type 29)										
4-1/2	9/16	18	36	7/8	62945	10	5/8-11	62950	10	13,300
4-1/2	1/2	18	50	7/8	62947	10	5/8-11	62952	10	13,300
5	9/16	18	36	7/8	62955	10	5/8-11	62960	10	12,200
5	1/2	18	50	7/8	62957	10	5/8-11	62962	10	12,200
7	3/4	18	36	7/8	62975	10	5/8-11	62980	10	8,600
7	3/4	18	50	7/8	62977	10	5/8-11	62982	10	8,600





# POLIFAN®-CURVE Flap Discs

## Radial (Type PFR) – Special Line SGP

POLIFAN®-CURVE is a PFERD innovation designed to quickly achieve a smooth, consistent surface finish on fillet welds.

In addition to the SGP ZIRKON-CURVE, PFERD now offers the high-power SGP CO-CURVE POLIFAN® flap discs with a ceramic abrasive grain.

The unique radial construction shape (PFR) offers a superior solution for this common task.

- Tough and aggressive – removes scale and bead from all metals: steel, stainless steel (INOX), aluminum and alloys.
- Works faster than grinding wheels without the risk of undercutting the workpiece.
- Precise grinding of fillet welds provides a superior surface finish.
- Smooth finish allows easy visual inspection for defects, such as porosity and inclusions.
- Ideal for repair applications to remove defects without damage to adjacent areas. Leaves ample room for new weld bead.

- Excellent tool life, including the radius edge of the disc.
- Multi-purpose – may be used as a conventional flap disc, and also for underhand applications using the top of the disc.

### Recommendation for Use

The best results are achieved on high-performance angle grinders.

**Medium** for fillet weld widths > 3/16" (5 mm)  
**Large** for fillet weld widths > 5/16" (8 mm)



The POLIFAN® SGP ZIRKON-CURVE is a high-power tool for demanding grinding work with particularly high machining capacity.

### Abrasive: Zirconia Alumina Z

Grit size: 40

### Workpiece Materials

Steel, stainless steel (INOX)

### Application

Fillet weld grinding, chamfering, deburring



### PFERD Specification Number

SGP Z-CURVE

### Steel/Stainless Steel (INOX) Type SGP ZIRKON-CURVE



PFR

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Fillet Weld Width [Inches]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
					Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Radial (Type PFR)											
4-1/2	9/16	14	Medium > 3/16	40	7/8	67192	10	5/8-11	67212	10	13,300
4-1/2	5/8	16	Large > 5/16	40	7/8	67339	10	5/8-11	67359	10	13,300
5	9/16	14	Medium > 3/16	40	7/8	67196	10	5/8-11	67216	10	12,200
5	5/8	16	Large > 5/16	40	7/8	67343	10	5/8-11	67363	10	12,200



The POLIFAN® SGP CO-CURVE is designed for demanding grinding, especially for achieving fine surface finishes. The ceramic grit guarantees cool grinding on poor heat-conducting materials, without thermal damage to workpiece.

### Abrasive: Ceramic Oxide CO

Grit size: 60

### Workpiece Materials

Stainless steel (INOX), steel, aluminum

### Application

Fillet weld grinding, chamfering, deburring



### PFERD Specification Number

SGP CO-CURVE

### Stainless Steel (INOX)/Steel Type SGP CO-CURVE



PFR

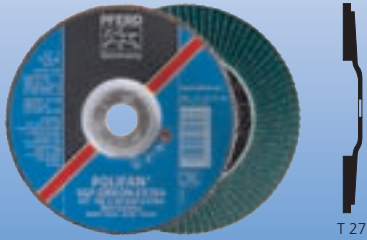
Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Fillet Weld Width [Inches]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
					Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Radial (Type PFR)											
4-1/2	9/16	14	Medium > 3/16	60	7/8	67234	10	5/8-11	67258	10	13,300
4-1/2	5/8	16	Large > 5/16	60	7/8	67381	10	5/8-11	67405	10	13,300
5	9/16	14	Medium > 3/16	60	7/8	67197	10	5/8-11	67217	10	12,200
5	5/8	16	Large > 5/16	60	7/8	67344	10	5/8-11	67364	10	12,200



# POLIFAN® Flap Discs

## Flat (Type 27) – Special Line SGP

### Steel/Stainless Steel (INOX) Type SGP ZIRKON-EXTRA



High density POLIFAN® flap disc with zirconia abrasive material features additional flaps for maximum efficiency in demanding grinding applications.

**Abrasive: Zirconia Alumina**  
Grit sizes: 40, 60, 80, 120


**Workpiece Materials**  
Steel, stainless steel (INOX)

**Application**  
Surface grinding, weld finishing

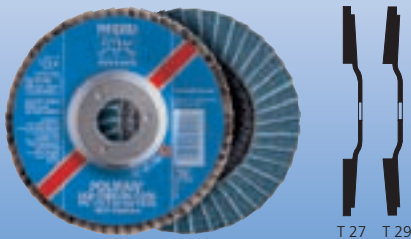
**Recommendation for Use**  
The use of zirconia alumina, a high-performance abrasive grain, in conjunction with the dense flap structure requires a high-output angle grinder to achieve best grinding results.

**PFERD Specification Number**  
SGP Z-EXTRA



Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	13/16	21	40	7/8	62090	10	5/8-11	62110	10	12,200
4-1/2	3/4	19	60	7/8	62091	10	5/8-11	62111	10	12,200
4-1/2	3/4	18	80	7/8	62092	10	5/8-11	62112	10	12,200
4-1/2	3/4	18	120	7/8	62093	10	5/8-11	62113	10	12,200
7	7/8	22	40	7/8	62100	10	5/8-11	62120	10	8,600
7	13/16	21	60	7/8	62101	10	5/8-11	62121	10	8,600
7	3/4	19	80	7/8	62102	10	5/8-11	62122	10	8,600

### Steel/Stainless Steel (INOX) Type SGP ZIRKON-COOL



This unique flap disc offers the coolest grinding performance of all flap discs. Specialized for extremely demanding grinding applications in combination with low thermal stress. It provides aggressive stock removal and high productivity.

**Abrasive: Zirconia Alumina Grain with patented COOLFLAP elements**



Grit sizes: 40, 60, 80  
INOX-rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel (INOX)

**Workpiece Materials**  
Steel, stainless steel (INOX)

**Application**  
Weld dressing, surface grinding



**Recommendation for Use**  
The combination of abrasive and COOLFLAP elements provides optimum grinding results without causing heat discoloration. Suitable for use on stainless steel (INOX) workpieces at medium working pressures with a high-powered angle grinder.

**PFERD Specification Number**  
SGP Z-COOL

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	3/4	18	40	7/8	62801	10	5/8-11	62816	10	13,300
4-1/2	3/4	18	60	7/8	62802	10	5/8-11	62817	10	13,300
4-1/2	3/4	18	80	7/8	62803	10	5/8-11	62818	10	13,300
5	3/4	18	40	7/8	62806	10	5/8-11	62821	10	12,200
5	3/4	18	60	7/8	62807	10	5/8-11	62822	10	12,200
5	3/4	18	80	7/8	62808	10	5/8-11	62823	10	12,200

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Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Conical (PFC - Type 29)										
4-1/2	5/8	16	40	7/8	62831	10	5/8-11	62846	10	13,300
4-1/2	5/8	16	60	7/8	62832	10	5/8-11	62847	10	13,300
4-1/2	5/8	16	80	7/8	62833	10	5/8-11	62848	10	13,300
5	5/8	16	40	7/8	62836	10	5/8-11	62851	10	12,200
5	5/8	16	60	7/8	62837	10	5/8-11	62852	10	12,200
5	5/8	16	80	7/8	62838	10	5/8-11	62853	10	12,200



This high performance top-sized ceramic flap disc is ideal for ultra-demanding grinding jobs on materials exhibiting very poor thermal conductivity. This product is noted for its particularly cool grinding properties, aggressive stock removal even at low contact pressure, and high productivity.

**Abrasive: Ceramic Oxide CO-COOL**  
Grit size: 40, 60

**Workpiece Materials**  
Chromium steels, CrNi steels, high-alloy steels, cast iron, nickel-based alloys, titanium alloys, non-ferrous metals, high-carbon steel



**Application**  
Weld dressing, surface grinding

**Recommendation for Use**  
The self-sharpening action of the ceramic oxide is effective even at low contact pressures, giving optimum grinding performance without heat discoloration of the workpiece. This product is also suitable for use on hard rolling skin (scale). It delivers optimum results when used with a high-powered angle grinder.

**PFERD Specification Number**  
SGP CO-COOL



**Steel/Stainless Steel (INOX)/Cast Iron/ Aluminum/Non-Ferrous Metals**  
**Type SGP CO-COOL**

Diameter (D) [Inches]	Thickness Nominal (T) [Inches]	Thickness Metric (T) [mm]	Grit	Unthreaded Arbor Hole			Threaded Arbor Hole			Max. RPM
				Bore (H) [Inches]	EDP Number		Thread	EDP Number		
Flat (PFF - Type 27)										
4-1/2	3/4	18	40	7/8	62597	10	5/8-11	62621	10	13,300
4-1/2	3/4	18	60	7/8	62599	10	5/8-11	62623	10	13,300
5	3/4	18	40	7/8	62603	10	5/8-11	62627	10	12,200
5	3/4	18	60	7/8	62605	10	5/8-11	62629	10	12,200
7	13/16	20	40	7/8	62615	10	5/8-11	62639	10	8,600
Conical (PFC - Type 29)										
4-1/2	3/4	18	40	7/8	62651	10	5/8-11	62675	10	13,300
4-1/2	3/4	18	60	7/8	62653	10	5/8-11	62677	10	13,300
5	3/4	18	40	7/8	62657	10	5/8-11	62681	10	12,200
5	3/4	18	60	7/8	62659	10	5/8-11	62683	10	12,200
7	13/16	20	40	7/8	62669	10	5/8-11	62693	10	8,600

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