



Cheval - Caballito
PFERD
HORSE

Safety code Germany
7" x 1/8" x 7/8"
EDP 63109
with hub: 63112
EH 178-2
A 24 S6

A-Nr. 375
A-Nr. 292
A-Nr. 37
max. 8000 RPM

Heißhandiges
Trennen
Für freihand
cutting

Warning!
Improper use
may cause pro-
perty damage
or serious in-
juries. Comply
with A.N.S.I.
Safety Code
B 7.1 reqs.
Use safety
goggles and
machine
guards.

ELASTIC
Stahl - Steel - Acier - Acero
601 611

Cheval - Caballito
PFERD
HORSE

4 1/2x1/4x7/8
EDP 61105
with hub: 61114
80 E 115-6
A 24 S6

USA-Nr. 1772
SUVA-Nr. 370
KGM-Nr. 25
80 m/s
max. 13300 RPM

Safety code
Germany

Warning!
Improper use
may cause pro-
perty damage
or serious in-
juries. Comply
with A.N.S.I.
Safety Code
B 7.1 and
O.S.H.A. reqs.
Use safety
goggles and
machine
guards.

ELASTIC
Stahl - Steel - Acier - Acero
INOX - Stainless
601 611

Horse
Cheval

PFERD
Cab
Cav

7x1/4x7/8
EDP 61004
with hub: 61006
80 E 178-6
A 24 PS

Warning!
Improper use may cause damage
or serious injuries. Comply with A.N.S.I.
Safety code B 7.1 and O.S.H.A. reqs.
Use safety goggles and machine guards.

SUPER PLUS

Stahl
Steel

INOX
Stainless

158 384

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 Ferrous & Non-Ferrous Metals

 Masonry

The PFERD Number is a product specification that indicates product speed, type, dimensions, etc. Please reference the 5-Digit EDP Number for ordering information.

Explanation of PFERD Number

80 EHT178 – 2 A 24 SG INOX 22,2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Peripheral Speed SFM

The maximum permissible peripheral speed (m/sec.) is indicated on the wheel label in text form and by means of a color stripe in accordance with the regulations of DSA (German Grinding Wheel Committee). The speed relates to the nominal wheel diameter.

Peripheral m/s	Label/Color Stripe
50	blue
63	yellow
80	red
100	green

② Type and Shape of the Wheel

- E** = Grinding Wheel T-27
- E/EH** = Depressed Center Wheel for light grinding or cutting
- ETF** = Saucer Wheel T-28
- ER** = Snagging Wheel T-1
- ETT** = Cup Wheel T-11
- PE** = POLI-ELASTIC® Forte T-29
- PFF** = POLIFAN® T-27
Flap Disc-Flat
- PFC** = POLIFAN® T-29
Flap Disc-Conical
- PFX** = POLIFAN® T-27
Flap Disc-Thick
- EHT** = Free Hand Cut-Off Wheel Straight T-1
- EH** = Free Hand Cut-Off Wheel Depressed Center T-27
- T** = Stationary Cut-Off Wheel Straight T-1

③ Diameter

Diameter (D ₁) in mm	
50 mm = 2"	200 mm = 8"
64 mm = 2-1/2"	230 mm = 9"
76 mm = 3"	250 mm = 10"
100 mm = 4"	300 mm = 12"
102 mm = 4"	350 mm = 14"
110 mm = 4"	400 mm = 16"
115 mm = 4-1/2"	450 mm = 18"
125 mm = 5"	500 mm = 20"
150 mm = 6"	600 mm = 24"
178 mm = 7"	660 mm = 26"
180 mm = 7"	

④ Wheel Thickness

Thickness (B) in mm	
1 mm = .035 – .040	
1.6 mm = 1/16"	
2 mm = 3/32 – 1/8"	
3 mm = 3/32 – 1/8"	
4 mm = 1/8 – 7/32"	
5 mm = 3/16"	
6 mm = 3/16 – 1/4"	
7 mm = 1/4"	
10 mm = 3/8"	

⑤ Abrasives

- A** = Aluminum Oxide
- C** = Silicon Carbide
- Z** = Zirconium Grain for metal
- ZA** = Mixed abrasive grain: Zirconia Alumina Grain / Aluminum Oxide for cast iron and metal

⑥ Grit Sizes

Grit sizes in mesh according to FEPA

⑦ Bonds

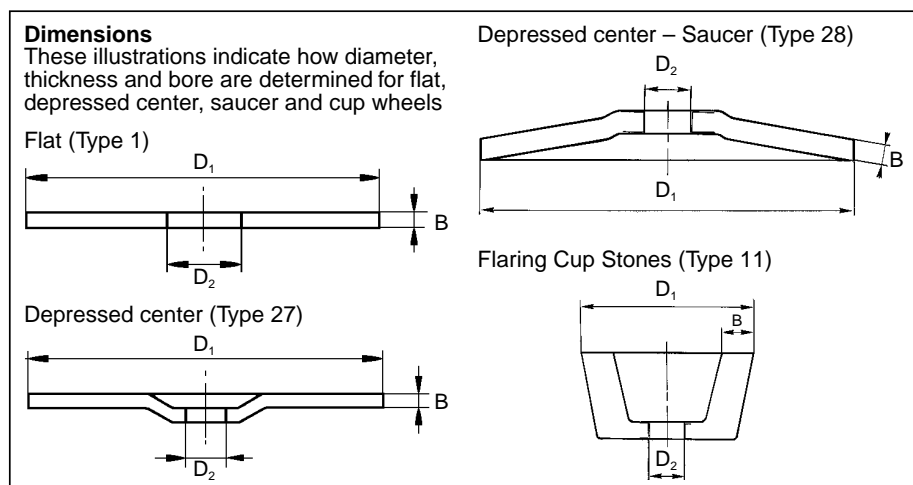
- PS** = Medium bond
Fast grinding / cutting action
Good life
- SG** = Hard bond
Fast grinding / cutting action
Long life
- SGH** = Very hard bond
Particularly fast grinding / cutting action
Very long life
- TX** = Medium bond for textile wheels
Fast and smooth cutting action
Superior blending / finishing bond
- TXF** = Soft bond for textile wheels
Fast grinding action
Non-loading and smooth finish

⑧ Special wheel characteristics

- INOX** = For stainless steel: iron and sulphur free
- DB** = For rail cutting
- Nuclear** = For reactor construction: free from iron, sulphur and halogenated fillers
- Alu** = For aluminum and soft metals: resistant to loading
- Forte** = For fast stock removal

⑨ Bore size

Bore diameter in mm
e.g., 22,2 mm means 7/8" bore
10 = 3/8" 25,4 = 1"
16 = 5/8" 32 = 1-1/4"
20 = 20 mm 40 = 1-1/2"
22,2 = 7/8"

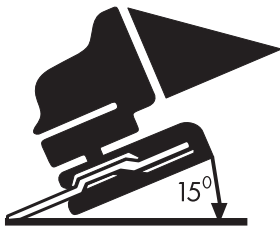


A.N.S.I., DSA Approvals

For safety reasons, grinding and cut-off wheels with high peripheral speeds can be used in Germany only if they have been tested and approved by the German Grinding Wheels Committee (DSA). These DSA standards are equal to and sometimes exceed A.N.S.I. Safety Code B7.1 1995 standards by a wide margin.

WARNING!

Improper use may cause property damage or serious injuries. Comply with A.N.S.I. Safety Code B7.1 and O.S.H.A. regulations. Use Safety Goggles and machine guards.



Note: Maintain a minimum grinding angle of at least 15° (Do not use flat).

Proper Grinding Wheel Technique

Use the following methods to achieve the desired rate of stock removal and quality of finish:

For Fast removal – Increase the grinding angle between the wheel and the workpiece, minimizing surface contact area.

For blending and finishing – Decrease the grinding angle and apply light pressure and fluid motion.

Grinding Wheel Safety

DO:

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

DON'T

1. Don't use a wheel that has been dropped. The impact may result in breakage.

2. 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.
3. Don't exceed maximum operating speed established for the wheel.
4. Don't use mounting flanges which are warped, nicked, sprung, or which are not clean.
5. Don't tighten the mounting nut excessively. On multiple screw mountings, 15-foot pounds per screw is usually enough.
6. Don't grind on the edge of the wheel unless the wheel is specifically designed for that purpose.
7. Don't start the machine unless all guards are in place.
8. Don't stand directly in front of a grinding wheel when a grinder is started.
9. Don't grind material for which the wheel is not designed.
10. Don't use relieved or recessed flanges with threaded hole cup wheels, cones or plugs.

Cut-Off Wheel Safety and Cutting Procedures

1. Cut-off wheels should never be stored on edges. Instead they should be laid on solid, flat surfaces away from excessive heat and moisture to avoid warpage.
2. Machines must have adequate power transmission and capacity, spindle speeds and proper guarding of the wheel. It is best to have extra power to insure good cutting efficiency.
3. Check the speed of the machine spindle against the maximum speed specified for the wheel by the manufacturer. The maximum specified speed for the wheel should never be exceeded.
4. Flanges should be clean, straight and of equal diameter so the wheel will run true. For diameters above 10" it is recommended that the flange be at least 1/3 the diameter of the wheel.
5. The bore size of the wheel is so constructed that the wheel should fit freely on the machine spindle without any slack. Never attempt to force a wheel on the spindle!
6. Always use blotter, when supplied with the wheels.
7. Be sure that the flanges are tightened securely but not too tightly to avoid springing the flanges and changing the pressure area.
8. Be sure the workpiece is securely held down, including both sides of the cut, if practical. Cut-off wheels withstand a great deal of radial stress but not side stress. Even reinforced wheels are not completely unbreakable. Side pressure must be avoided to insure straight cuts and avoid possible wheel breakage.
9. The wheel must be brought into contact with the workpiece without "bumping" or impact. The wheel should cut freely without forcing and the speed of the wheel should not be reduced by the cutting operation.
10. Abrasive cutting generates a great deal of localized heat which causes rapid expansion of the piece being cut. Wheels operating at speeds significantly below efficient speed and wheels fed through the cut too slowly will generate excessive heat. Result: Rapid wheel wear, fraying around edge of reinforced wheels, and wheel breakage.

Safety recommendations



= Wear protective goggles!



= Wear ear protectors!



= Observe safety recommendations!



= Not approved for free-hand use!



= Wear protective gloves!



= Wear dust respirator!



= Not approved for wet grinding!



= Not approved for side grinding!

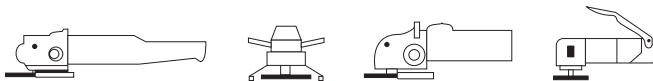
Application Chart for PFERD Reinforced Grinding Wheels



Wheel Characteristics	Rough Grinding								Flaring Cones, Cups, Plugs			Bench Wheels		POLIFAN® Flap Discs Poli-Elastic								
Bond Types ▶	A-PS	A-SG	ZA-SG	ZA-SG-Forte	A-TX Forte	A-SG Nuclear	A-W ALU	A-TX	C-SG	A-Q	C-Q	A-SG	A-PS	C-PS	Alu Ox	Alu Ox-Forte	Zirconia	Zirconium Forte	Silicon Carbide	PE FORTE	PE TEX	
Materials / Applications ▼	Steel																					
Unalloyed, alloyed structural steels	●	●	●	●						●		●	●		●	●	●	●		●		
Structural steels – increased strength	●	●	●	●						●		●	●		●	●	●	●		●		
Tool steel	●	●	●	●									●		●	●	●	●				
High-speed steel	●	●	●	●		●				●		●	●		●	●	●	●				
Stainless steel shapes	●	●	●	●	●	●		●				●			●	●	●	●			●	
Super alloys (Inconel, Monel, etc.)	●	●	●	●	●	●		●				●			●	●	●	●			●	
Sheet metal	●	●													●	●	●	●				
Stainless sheet	●	●	●	●	●			●							●	●	●	●			●	
Edge grinding		●	●	●						●		●			●		●	●		●	●	
Weld removal	●	●	●	●	●					●		●			●	●	●	●		●	●	
Castings																						
Cast Steel	●	●	●	●								●	●		●	●	●	●		●		
Grey Cast Iron	●	●	●	●				●				●		●				●		●		
Nodular Cast Iron	●	●	●	●				●						●				●		●		
Malleable Cast Iron	●	●	●	●										●				●		●		
Non-Ferrous Metals																						
Aluminum alloys						●	●						●		●	●		●		●	●	
Copper						●	●						●		●	●		●		●	●	
Brass, Bronze			●									●	●		●	●		●		●	●	
Titanium													●						●			
Carbide													●									
Masonry																						
Asphalt												●										
Paving brick								●				●										
Green concrete									●													
Cured concrete									●													
Large aggregate concrete									●													
Roof tiles									●													
Granite									●													
Chalky sandstone									●													
Ceramic									●													
Cinder block									●													
Marble									●													
Porcelain									●													
Fire bricks									●													
Slate									●													
Terrazo									●													
Clay pipe									●													
Solid bricks									●													
Catalog Page: ▶	117	117, 121	118, 121	118	119	119	120	120	125	121	125	122	123	123	128-130	128-129	128-130	128-129	130	131	131	

Wheel Characteristics: ● Recommended ● Suitable ● May be used

Depressed Center Grinding Wheels (Type 27)

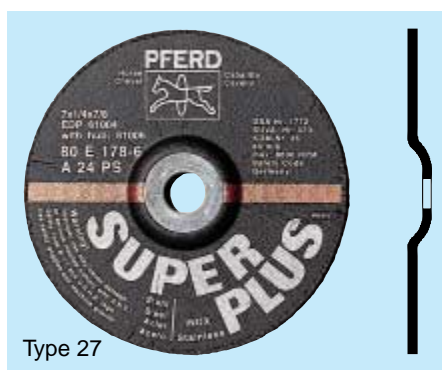


for Air and Electric Grinders

General Purpose A-PS

General purpose grinding wheel for steel and non-ferrous metals, especially difficult to grind materials. Surface grinding, weld removal.

- A:** Aluminum Oxide
- PS:** Extremely fast stock removal with good life
- INOX:** Free of iron and sulphur; suitable for use on stainless



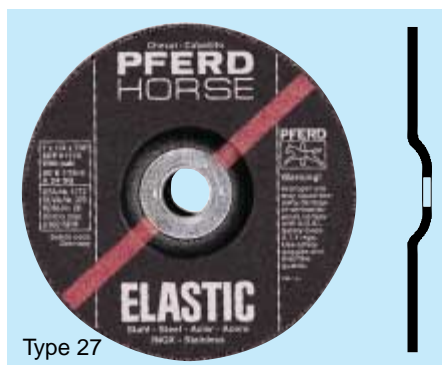
Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4 x 1/4 x 5/8	15,300	80 E 100-6 A 24 PS	61000
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 A 24 PS	61002
5 x 1/4 x 7/8	12,200	80 E 125-6 A 24 PS	61003
7 x 1/4 x 7/8	8,600	80 E 178-6 A 24 PS	61004
9 x 1/4 x 7/8	6,600	80 E 230-6 A 24 PS	61005
Threaded Hub			
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 A 24 PST	61001
5 x 1/4 x 5/8-11	12,200	80 E 125-6 A 24 PST	61008
7 x 1/4 x 5/8-11	8,600	80 E 178-6 A 24 PST	61006
9 x 1/4 x 5/8-11	6,600	80 E 230-6 A 24 PST	61007

Premium Performance A-SG

Premium performance grinding wheel for steel and non-ferrous metals. Weld removal, surface and edge grinding.

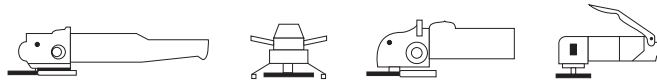
- A:** Aluminum Oxide
- SG:** Fast stock removal and longer life than PS
- INOX:** Free of iron and sulphur; suitable for use on stainless



Type 27

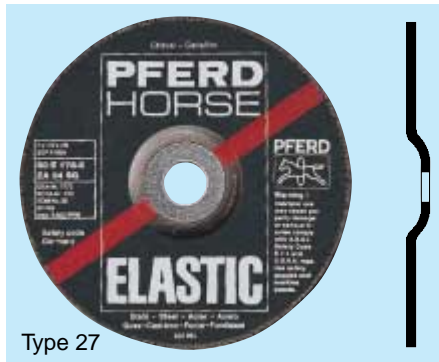
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
3 x 1/4 x 3/8	20,900	80 E 76-6 A 24 SG	61101
4 x 3/16 x 3/8	15,300	80 E 100-4 A 24 SG	61102
4 x 3/16 x 5/8	15,300	80 E 100-4 A 24 SG	61115
4 x 1/4 x 3/8	15,300	80 E 100-6 A 24 SG	61100
4 x 1/4 x 5/8	15,300	80 E 100-6 A 24 SG	61103
4-1/2 x 3/16 x 7/8	13,300	80 E 115-4 A 24 SG	61104
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 A 24 SG	61105
5 x 3/16 x 7/8	12,200	80 E 125-4 A 24 SG	61119
5 x 1/4 x 7/8	12,200	80 E 125-6 A 24 SG	61106
6 x 1/4 x 7/8	10,200	80 E 150-6 A 24 SG	61107
7 x 1/4 x 7/8	8,600	80 E 178-6 A 24 SG	61108
9 x 1/4 x 7/8	6,600	80 E 230-6 A 24 SG	61109
Threaded Hub			
4-1/2 x 3/16 x 5/8-11	13,300	80 E 115-4 A 24 SGT	61113
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 A 24 SGT	61114
5 x 3/16 x 5/8-11	12,200	80 E 125-4 A 24 SGT	61120
5 x 1/4 x 5/8-11	12,200	80 E 125-6 A 24 SGT	61111
6 x 1/4 x 5/8-11	10,200	80 E 150-6 A 24 SGT	61116
7 x 1/4 x 5/8-11	8,600	80 E 178-6 A 24 SGT	61110
9 x 1/4 x 5/8-11	6,600	80 E 230-6 A 24 SGT	61112

Depressed Center Grinding Wheels (Type 27)



for Air and Electric Grinders

Superior Performance ZA-SG



Superior performance Zirconium grinding wheel for cast iron, high temperature alloys and steel. Offers long service life and fast removal rate.

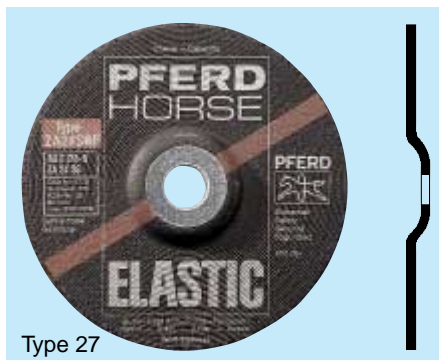
ZA: Zirconium Aluminum Oxide

SG: Fast stock removal with extremely long life

INOX: Free of iron and sulphur; suitable for use on stainless

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Zirconium			
3 x 1/4 x 3/8	20,900	80 E 76-6 ZA 24 SG	61600
4 x 1/4 x 5/8	15,300	80 E 100-6 ZA 24 SG	61601
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 ZA 24 SG	61602
5 x 1/4 x 7/8	12,200	80 E 125-6 ZA 24 SG	61604
7 x 1/4 x 7/8	8,600	80 E 178-6 ZA 24 SG	61605
9 x 1/4 x 7/8	6,600	80 E 230-6 ZA 24 SG	61606
Threaded Hub			
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 ZA 24 SGT	61603
5 x 1/4 x 5/8-11	12,200	80 E 125-6 ZA 24 SGT	61614
7 x 1/4 x 5/8-11	8,600	80 E 178-6 ZA 24 SGT	61607
9 x 1/4 x 5/8-11	6,600	80 E 230-6 ZA 24 SGT	61608

ZA-SG Forte



Zirconium grinding wheel designed to cut faster than the standard zirconium wheel. Grinds softer to help eliminate chatter. Highly recommended for use on cast iron. Also suitable for high temperature alloys and steel.

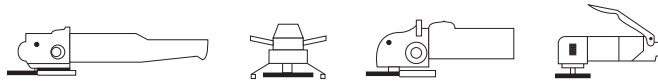
ZA: Zirconium Aluminum Oxide

SGF: Faster stock removal than ZA-SG with very long life

INOX: Free of iron and sulphur; suitable for use on stainless

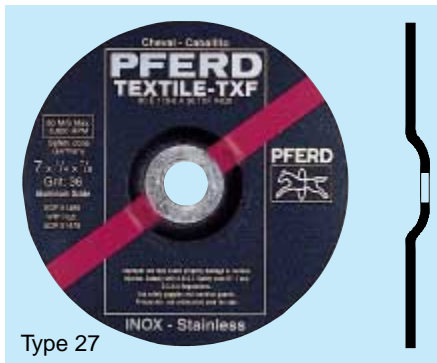
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Zirconium			
7 x 1/4 x 7/8	8,600	80 E 178-6 ZA 24 SGF	61609
9 x 1/4 x 7/8	6,600	80 E 230-6 ZA 24 SGF	61610
Threaded Hub			
7 x 1/4 x 5/8-11	8,600	80 E 178-6 ZA 24 SGFT	61611
9 x 1/4 x 5/8-11	6,600	80 E 230-6 ZA 24 SGFT	61612

Depressed Center Grinding Wheels (Type 27)



for Air and Electric Grinders

Stainless TXF-Textile



Type 27

For blending and medium duty applications on stainless steels and other metals. Smoother grinding action and smoother finish than conventional wheels.

A: Aluminum Oxide
TXF: Fast cutting latex bond
INOX: Free of iron and sulphur; suitable for use on stainless

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Grit and EDP No.	
			36	54
Textile-TXF				
3 x 1/4 x 3/8	20,900	80 E 76-6 A-TXF	61406	61407
4 x 1/4 x 3/8	15,300	80 E 100-6 A-TXF	61415	61416
4 x 1/4 x 5/8	15,300	80 E 100-6 A-TXF	61424	61425
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 A-TXF	61433	61434
7 x 1/4 x 7/8	8,600	80 E 178-6 A-TXF	61469	61470
Threaded Hub				
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 A-TXFT	61442	61443
7 x 1/4 x 5/8-11	8,600	80 E 178-6 A-TXFT	61478	61479

Nuclear A-SGN



Type 27

Special non-contaminating wheel for use in nuclear power plants.

A: Aluminum Oxide
SG: Fast stock removal and long service life
Nuclear: For use in nuclear power plants. Free from iron, sulphur and halogen.

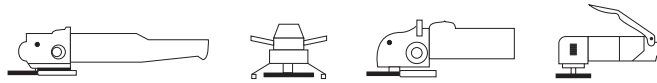
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
7 x 1/4 x 7/8	8,600	80 E 178-6 A 24 SG NUCLEAR	61344
Threaded Hub			
7 x 1/4 x 5/8-11	8,600	80 E 178-6 A 24 SGT NUCLEAR	61348

INOX: Free from iron and sulphur; suitable for use on stainless and acid-resistant steels!



Minimum order quantity and packing unit: 10 pieces

Depressed Center Grinding Wheels (Type 27)

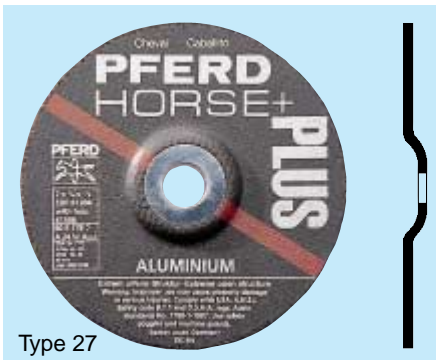


for Air and Electric Grinders

W-ALU

Non-loading grinding wheels for use on aluminum and soft, greasy materials susceptible to cause loading problems.

A: Aluminum Oxide
W-ALU: Exceptionally fast stock removal combined with soft grinding properties

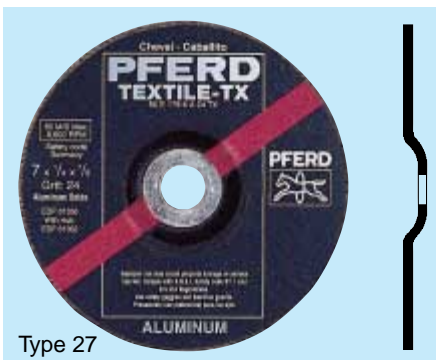


Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4 x 1/4 x 5/8	15,300	80 E 100-6 A 24 W ALU	61300
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 A 24 W ALU	61301
7 x 1/4 x 7/8	8,600	80 E 178-7 A 24 W ALU	61304
9 x 1/4 x 7/8	6,600	80 E 230-7 A 24 W ALU	61305
Threaded Hub			
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 A 24 W ALU T	61303
7 x 1/4 x 5/8-11	8,600	80 E 178-7 A 24 W ALU T	61306
9 x 1/4 x 5/8-11	6,600	80 E 230-7 A 24 W ALU T	61307

TX-Textile

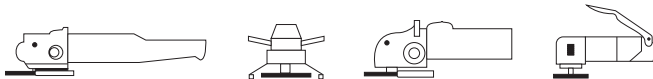
Non-loading wheels for use on aluminum and all non-ferrous metals. Smooth grinding action and easy-to-control cutting action. Leaves a good finish.

A: Aluminum Oxide
TX: Long life resin bond



Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Grit and EDP No.	
			24	54
Textile-TX				
3 x 1/4 x 3/8	20,900	80 E 76-6 A-TX	61314	—
4 x 1/4 x 3/8	15,300	80 E 100-6 A-TX	61320	—
4 x 1/4 x 5/8	15,300	80 E 100-6 A-TX	61326	—
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 A-TX	61332	61333
7 x 1/4 x 7/8	8,600	80 E 178-6 A-TX	61356	61357
Threaded Hub				
4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 A-TXT	61338	61339
7 x 1/4 x 5/8-11	8,600	80 E 178-6 A-TXT	61362	61363

Depressed Center Grinding Wheels – Saucer (Type 28)



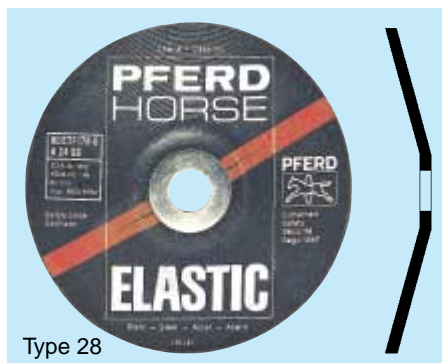
for Air and Electric Grinders

Special wheel for heavy-duty use on steel and non-ferrous metals. Saucer shape provides 2-1/2 times greater strength than Type 27 flat depressed center wheels. May be used almost flat, which reduces operator fatigue and edge chipping. Premium performance

grinding wheel for steel and non-ferrous metals. Weld removal and surface grinding. Excellent for heavy-duty applications.

- A:** Aluminum Oxide
- SG:** Fast stock removal and long service life
- INOX:** Free of iron and sulphur; suitable for use on stainless

Premium Performance
A-SG



Type 28

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
7 x 1/4 x 7/8	8,600	80 ETF 178-6 A 24 SG	61701
9 x 1/4 x 7/8	6,600	80 ETF 230-6 A 24 SG	61702
Threaded Hub			
7 x 1/4 x 5/8-11	8,600	80 ETF 178-6 A 24 SGT	61703
9 x 1/4 x 5/8-11	6,600	80 ETF 230-6 A 24 SGT	61704

Superior Performance
ZA-SG

Superior performance Zirconium grinding wheel for heavy duty removal on steel, cast iron, stainless and high temperature alloys. Long service life.

- ZA:** Zirconium Aluminum Oxide
- SG:** Fast stock removal and long service life
- INOX:** Free of iron and sulphur; suitable for use on stainless

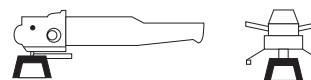


Type 28

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Zirconium			
7 x 1/4 x 7/8	8,600	80 ETF 178-6 ZA 24 SG	61710
9 x 1/4 x 7/8	6,600	80 ETF 230-6 ZA 24 SG	61712
Threaded Hub			
7 x 1/4 x 5/8-11	8,600	80 ETF 178-6 ZA 24 SGT	61714
9 x 1/4 x 5/8-11	6,600	80 ETF 230-6 ZA 24 SGT	61716

Flaring Cup Wheels
(Type 11) A-Q

For steel and non-ferrous metals. Also for low angle or flat grinding of welds and castings. For optimal performance, wheels should be used on powerful grinders due to large surface contact area. High concentration of abrasive grain ensures an aggressive cutting action.



- A:** Aluminum Oxide
- Q:** Medium Hardness
- SB:** Steel Back



Type 11

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Steel Back			
4 x 3-1/2 x 2 x 5/8-11	8,600	50 ETT 110-20 A 16 Q SB	61801
5 x 3-3/4 x 2 x 5/8-11	7,600	50 ETT 125-25 A 16 Q SB	61802
6 x 4-3/4 x 2 x 5/8-11	6,300	50 ETT 150-25 A 16 Q SB	61803
Plain Back			
4 x 3-1/2 x 2 x 5/8-11	8,600	50 ETT 110-20 A 16 Q	61808
5 x 3-3/4 x 2 x 5/8-11	7,600	50 ETT 125-25 A 16 Q	61809
6 x 4-3/4 x 2 x 5/8-11	6,300	50 ETT 150-25 A 16 Q	61810

INOX: Free from iron and sulphur; suitable for use on stainless and acid-resistant steels!



Minimum order quantity and packing unit: 10 pieces; Exception: Cup Wheels: 2 pieces

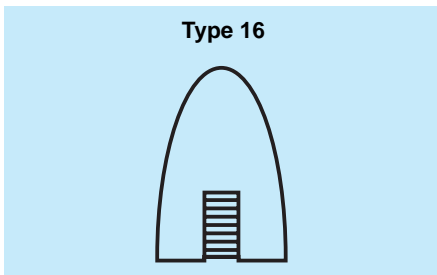
Cones and Plugs

A-SG

PFERD Cones and Plugs for horizontal and straight grinders are ideal for cleaning welds and castings. They can be used for internal grinding, blending contours, working in confined areas, and grinding and smoothing weld fillets and corners. Premium performance for grinding and snagging welds and castings on ferrous materials.

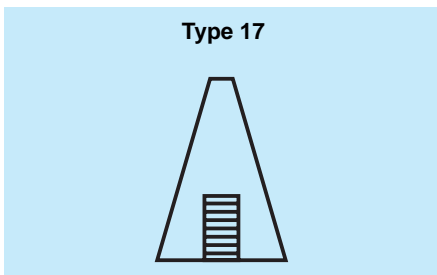


A: Aluminum Oxide
SG: Fast stock removal and long service life



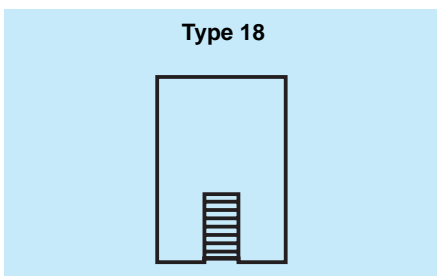
Curved sides and rounded tip for grinding contours or flat surfaces.

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Type 16			
1-1/2 x 2-1/2 x 3/8-24	24,192	45 ECX 3864 A 16 SG3	61816
1-1/2 x 3 x 5/8-11	24,192	45 ECX 3876 A 16 SG5	61820
1-3/4 x 3 x 5/8-11	20,735	45 ECX 4476 A 16 SG5	61826
2 x 3 x 5/8-11	18,144	45 ECX 5176 A 16 SG5	61829
2-3/4 x 3-1/2 x 5/8-11	13,200	45 ECX 7089 A 16 SG5	61837



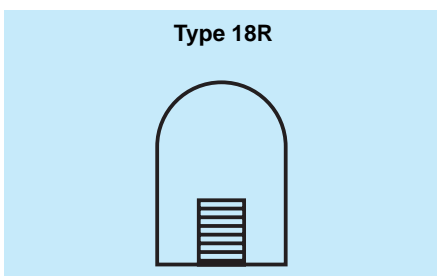
Tapered, straight sides and square tip for bevelling workpiece edges.

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Type 17			
1-1/2 x 3/8 x 2-1/2 x 3/8-24	24,192	45 ECT 38/1064 A 16 SG3	61850
1-1/2 x 3/8 x 2-1/2 x 5/8-11	24,192	45 ECT 38/1064 A 16 SG5	61851
1-1/2 x 1/2 x 3 x 3/8-24	24,192	45 ECT 38/1376 A 16 SG3	61854
1-1/2 x 1/2 x 3 x 5/8-11	24,192	45 ECT 38/1376 A 16 SG5	61855
2-1/2 x 3 x 5/8-11	18,144	45 ECT 64/1376 A 16 SG5	61859



Straight sides and blunt nose for flat surfaces and inside edges.

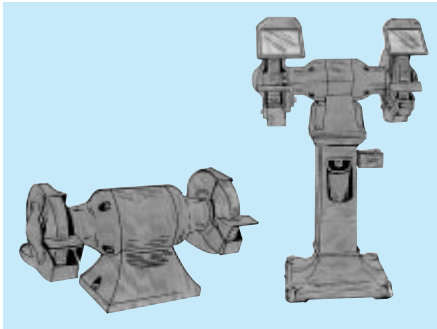
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Type 18			
1 x 2 x 3/8-24	36,287	45 EPS 2550 A 16 SG3	61883
1-1/2 x 2-1/2 x 3/8-24	24,192	45 EPS 3864 A 16 SG3	61884
1-1/2 x 2-1/2 x 5/8-11	24,192	45 EPS 3864 A 16 SG5	61885
1-1/2 x 3 x 3/8-24	24,192	45 EPS 3876 A 16 SG3	61888
1-1/2 x 3 x 5/8-11	24,192	45 EPS 3876 A 16 SG5	61889
2 x 3 x 5/8-11	18,144	45 EPS 5176 A 16 SG5	61893



Straight sides for flat surfaces and round nose for contouring.

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Type 18R			
1-1/2 x 2-1/2 x 3/8-24	24,192	45 EPR 3864 A 16 SG3	61927
1-1/2 x 2-1/2 x 5/8-11	24,192	45 EPR 3864 A 16 SG5	61928
1-1/2 x 3 x 3/8-24	24,192	45 EPR 3876 A 16 SG3	61931
1-1/2 x 3 x 5/8-11	24,192	45 EPR 3876 A 16 SG5	61932
2 x 3 x 5/8-11	18,144	45 EPR 5176 A 16 SG5	61936

Bench Wheels



PFERD Bench Grinding Wheels are offered in Aluminum Oxide and in Green Silicon Carbide in a wide selection of sizes and grits. Designed for use on bench and pedestal grinders, these vitrified wheels offer high performance on a multitude of applications.

All bench wheels are packaged with telescoping bushings to accommodate popular machine spindle sizes. Refer to safety information on page 115 of this catalog. Before mounting, read the tip sheet that ships with PFERD Bench Grinding Wheels for optimal safety and performance.

Aluminum Oxide A-PS



Type 1

For steel and all ferrous metals. Fast removal rate and long service life. Ideal for removing burrs on workpieces. Also used for sharpening edges of tools made of high speed steel.

A: Aluminum Oxide
PS: Extremely fast stock removal with good life

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Grit and EDP No.				
			24	36	46	60	80
Aluminum Oxide							
6 x 1/2 x 1	4,140	30 EB 150-13 A	–	61734	–	61736	–
6 x 3/4 x 1	4,140	30 EB 150-19 A	61738	61739	61740	61741	61742
6 x 1 x 1	4,140	30 EB 150-25 A	61743	61744	61745	61746	61747
7 x 3/4 x 1	3,600	30 EB 178-19 A	–	61749	–	61751	–
7 x 1 x 1	3,600	30 EB 178-25 A	61753	61754	61755	61756	61757
8 x 1 x 1-1/4	3,600	30 EB 200-25 A	61763	61764	61765	61766	61767
10 x 1 x 1-1/4	2,485	30 EB 250-25 A	61768	61769	61770	61771	61772
10 x 1-1/2 x 1-1/4	2,485	30 EB 250-38 A	61773	61774	–	61776	–
12 x 2 x 1-1/2	2,070	30 EB 300-50 A	61778	61779	61780	61781	–
14 x 2 x 1-1/2	1,800	30 EB 350-50 A	61782	61783	–	61784	–

Silicon Carbide C-PS



Type 1

For carbide and non-ferrous metals. Fast removal rate and long service life. Ideal for sharpening edges on cutting tools with carbide tips.

C: Silicon Carbide
PS: Extremely fast stock removal with good life

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Grit and EDP No.		
			60	80	120
Silicon Carbide					
6 x 3/4 x 1	4,140	30 EB 150-19 C	61785	61786	61787
6 x 1 x 1	4,140	30 EB 150-25 C	61788	61789	61790
7 x 1 x 1	3,600	30 EB 178-25 C	61791	61792	61793
8 x 1 x 1-1/4	3,600	30 EB 200-25 C	61794	61795	61796
10 x 1 x 1-1/4	2,485	30 EB 250-25 C	61797	61798	61799

Bushings



PFERD Bench Grinder bushings provide a safe method of reducing the wheel arbor to accommodate various spindle sizes. The

bushing should be flush on both sides of the wheel, and should not interfere with the flanges.

Dimensions (Inches)	PFERD Number	EDP No.
Telescoping		
1" wide; 1 to 3/4, 5/8, 1/2	RBB 25 TSCP	69011
1/2" wide; 1 to 3/4, 5/8, 1/2	RBB 12 TSCP	69018
Standard		
1-1/4 to 1	RBB 32-25	69012
1-1/4 to 15/16	RBB 32-24	69013
1-1/4 to 7/8	RBB 32-22	69014
1-1/4 to 3/4	RBB 32-19	69015
1-1/4 to 5/8	RBB 32-16	69016
1-1/4 to 1/2	RBB 32-13	69017

CAUTION: Smaller spindles frequently run at higher RPMs. Never exceed maximum RPM listed on wheel labels.

Rubs



Photo courtesy of EDCO

PFERD floor rubs are available in three different grits for rough grinding to smooth finishing on concrete and other masonry surfaces. Silicon carbide rubs are vitrified bonded for wet or dry use. Wooden wedges for mounting rubs are included.

Floor Rubs



Dimensions (Inches)	Type	Grit	PFERD Number	EDP No.
Silicon Carbide				
4 x 2 x 2	Plain	10	FR 202 C 10	61514
4 x 2 x 2	Plain	24	FR 202 C 24	61515
4 x 2 x 2	Plain	80	FR 202 C 80	61516
Wedge				
4 x 3/4 x 3/16	Wood		VV 200-1	61540

Hand Rubs

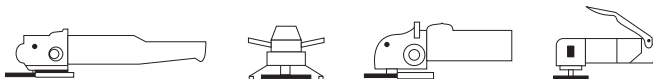


PFERD hand rubs offer an efficient and economical method of concrete surface and joint smoothing, form mark removal, etc. Fluted surface and sharp, silicon

carbide grain generates an aggressive cutting action. Available in various sizes, with or without handles.

Dimensions (Inches)	Type	PFERD Number	EDP No.
Silicon Carbide			
6 x 2 x 2	Fluted	HR 241 C 24	61520
8 x 2 x 2	Fluted	HR 242 C 24	61525
6 x 3 x 1	Handle	HR 252 C 24	61530
8 x 3-1/2 x 1-1/2	Handle	HR 250 C 24	61535

Depressed Center Grinding Wheels (Type 27, Type 28)

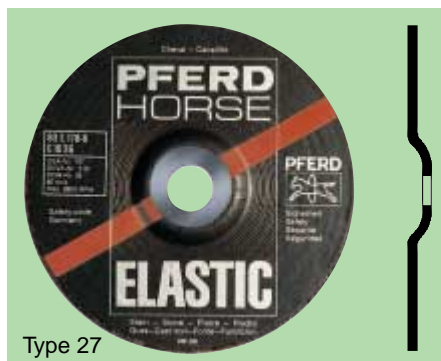


for Air and Electric Grinders

C-SG

For surface grinding of masonry, concrete, stone, gray cast iron, and nodular cast iron.

C: Silicon Carbide
SG: Fast stock removal and long service life



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
4 x 1/4 x 5/8	15,300	80 E 100-6 C 24 SG	61500
4-1/2 x 1/4 x 7/8	13,300	80 E 115-6 C 24 SG	61501
5 x 1/4 x 7/8	12,200	80 E 125-6 C 24 SG	61502
6 x 1/4 x 7/8	10,200	80 E 150-6 C 24 SG	61503
7 x 1/4 x 7/8	8,600	80 E 178-6 C 16 SG	61504
9 x 1/4 x 7/8	6,600	80 E 230-6 C 16 SG	61505

Threaded Hub

4-1/2 x 1/4 x 5/8-11	13,300	80 E 115-6 C 24 SGT	61508
5 x 1/4 x 5/8-11	12,200	80 E 125-6 C 24 SGT	61509
6 x 1/4 x 5/8-11	10,200	80 E 150-6 C 24 SGT	61510
7 x 1/4 x 5/8-11	8,600	80 E 178-6 C 16 SGT	61506
9 x 1/4 x 5/8-11	6,600	80 E 230-6 C 16 SGT	61507

C-SG

Special wheel for heavy-duty use on masonry, concrete, stone, gray cast iron, and nodular cast iron.

wheels. May be used almost flat, which reduces operator fatigue and edge chipping.

Saucer shape provides 2-1/2 times greater strength than Type 27 flat depressed center

C: Silicon Carbide
SG: Fast stock removal and long service life



Type 28

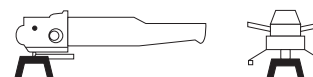
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
7 x 1/4 x 7/8	8,600	80 ETF 178-6 C 24 SG	61705
9 x 1/4 x 7/8	6,600	80 ETF 230-6 C 24 SG	61706

Threaded Hub

7 x 1/4 x 5/8-11	8,600	80 ETF 178-6 C 24 SGT	61707
9 x 1/4 x 5/8-11	6,600	80 ETF 230-6 C 24 SGT	61708

Flaring Cup Wheels (Type 11) C-Q

For surface grinding of masonry, concrete, and natural or artificial stone. High concentration of abrasive grain ensures an aggressive cutting action.



C: Silicon Carbide
Q: Medium Hardness
SB: Steel Back



Type 11

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Steel Back			
4 x 3-1/2 x 2 x 5/8-11	8,600	50 ETT 110-20 C 16 Q SB	61805
5 x 3-3/4 x 2 x 5/8-11	7,600	50 ETT 125-25 C 16 Q SB	61806
6 x 4-3/4 x 2 x 5/8-11	6,300	50 ETT 150-25 C 16 Q SB	61807
Plain Back			
4 x 3-1/2 x 2 x 5/8-11	8,600	50 ETT 110-20 C 16 Q	61811
5 x 3-3/4 x 2 x 5/8-11	7,600	50 ETT 125-25 C 16 Q	61812
6 x 4-3/4 x 2 x 5/8-11	6,300	50 ETT 150-25 C 16 Q	61813

One step finishing

The POLIFAN® Flap Disc is the latest generation of innovative tools from PFERD. The versatile POLIFAN® aggressively removes material throughout its long life. It leaves a smooth, fine finish. In many cases, PFERD POLIFAN® replaces the combined work of grinding wheels and fiber discs. The POLIFAN® one step process is quieter, faster, easier and more economical than conventional processes.

Features

- High removal rate
- Long service life
- Low noise
- No vibration
- Non loading
- Broad grit range
- Quick change hub available
- Two shapes (flat & conical)

Benefits

- Increased worker productivity
- Lower tool cost
- Improved work environment
- Smoother finish, less fatigue
- Ideal for all matels, even soft metals like aluminum
- Allows rough grinding to fine finishing
- Less down time
- Use on a variety of shapes and surfaces

Unique features



POLIFAN® is built with a fully consumable, non-contaminating and non-abrasive fiber-glass backing. This feature allows the wheel to be used fully without loss of performance throughout the life of the disc.

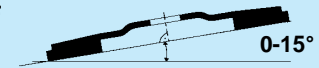


Noise level of the PFERD POLIFAN® is less than 80 dBA, substantially less than a grinding wheel, rated at 92 dBA.

Two styles of POLIFAN®

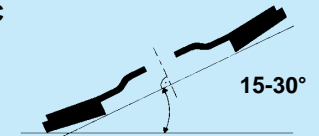
– flat and conical

PFF



Flat PFERD-POLIFAN® wheels PFF achieve their maximum efficiency when applied at a work angle of 0 to 15°. As the PFF type provides a large grinding contact area, these wheels are best suited for the finishing of large, flat surfaces.

PFC



Conical PFERD-POLIFAN® wheels PFC achieve their maximum efficiency producing optimum results at greater angles of attack, 15 to 25°. Due to its' shape, the conical POLIFAN® is best suited for contoured surfaces.

Caution:

Excess grinding pressure leads to greater wheel wear without performance gain!

Typical applications for POLIFAN®

- Rough grinding and finishing in one step
- Deburring
- Rust removal
- Edge grinding
- Surface blending

Factors influencing performance

- Type of abrasive grain
- Grit size
- Speed/power output of grinder
- Pressure applied during grinding process
- Angle of approach to workpiece
- Surface or edge application of wheel

Grit recommendations by material type

Grit Size	Materials
24/40	Aluminum, soft non-ferrous metals, wood and plastics
40	Unalloyed and low-alloyed steels, stainless steels of low tensile strength
60	High-alloyed, stainless, high temperature and tempering steel
80	High temperature alloys
120	For extra fine finish

POLIFAN® recommendations by applications

Material groups	Working process	Grit type: Grit size:	A					A-Forte			Z		Z-Forte				
			24	40	60	80	120	40	60	80	40	60	24	40	60	80	
1. Steels	Steel, unalloyed, alloyed	surface grinding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Struct. carbon steel, tool steel	weld seam blending	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	High-speed steel	deburring work / edge working	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2. High-grade steels	Stainless steels	surface grinding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	High-temperature alloys	weld seam blending	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Heat-resistant	deburring work / edge grinding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3. Sheet metals	sheet steel, high-grade	surface grinding / weld seam blending	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	sheet steel	deburring work	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4. Aluminum	surface grinding / weld seam blending	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	deburring work	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5. Brass, Bronze	surface grinding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	deburring work	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6. Cast-iron	edge working	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● recommended ● suitable ● may be used



Aluminum Oxide Type A

Recommended for universal use on all materials, e.g. on alloyed and unalloyed steels, structural steel, tool steel, high speed steel, corrosion and acid resistant steels, non-ferrous metals such as aluminum, brass etc., plastics and woods.



Advantages

- for universal use
- extremely long wheel life
- rapid rate of stock removal



Aluminum Oxide Forte Type AF

Particularly suited for cool surface grinding on stainless steel and all steels with poor thermal conductivity. Also for use on high temperature alloys (difficult to cut) and aluminum and soft metals (resistant to loading).

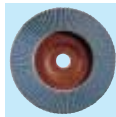


- rapid rate of stock removal
- very cool cutting – prevents thermal overloading
- load resistant



Zirconia Alumina Type Z

Recommended for aggressive use and heavy duty applications, e.g. deburring, dressing of edge welds and radius grinding, particularly on steel and high-grade steels, as well as sheet steel and high grade sheet steel.



- high wheel edge stability
- long service life
- maximized cutting capacity (pure zirconia-alumina grain)
- short work times



Zirconia/Aluminum Oxide Forte Type ZF

Suited for universal use at maximum stock removal rates, e.g. finishing of welds on surfaces. Also for light deburring and bevelling work on stainless and high-temperature steels.



- extremely good cutting capacity
- cool cutting
- long service life



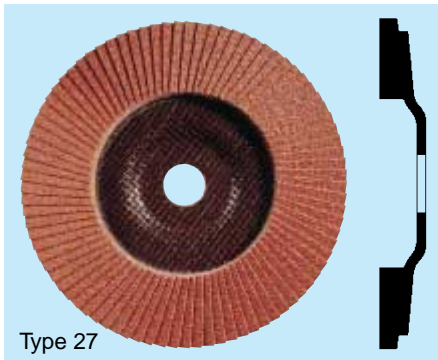
Silicon Carbide Type C

Well suited for use on titanium, fiberglass, plastics, and masonry products. Sharp, aggressive cutting action leaves a clean, smooth finish.



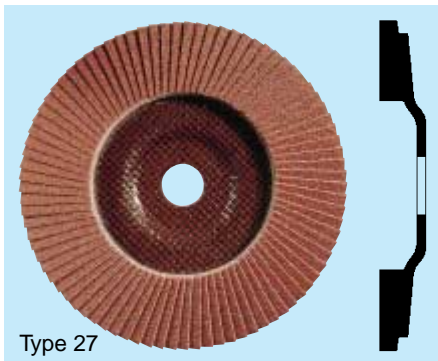
- fast cutting
- long service life
- unique tool

POLIFAN®-Flap Disc (Flat Type)



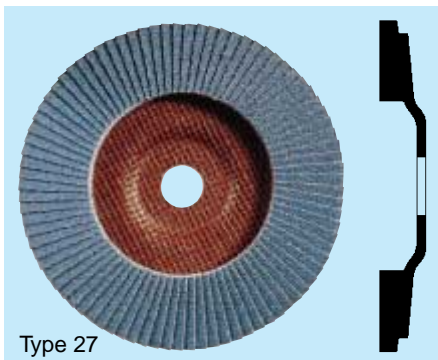
A: Aluminum Oxide

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Aluminum Oxide							
4 x 5/8	15,300	80 PFF 100-16 A	–	62140	62142	62144	62146
4-1/2 x 7/8	13,300	80 PFF 115-22 A	62149	62150	62152	62154	62156
5 x 7/8	12,200	80 PFF 125-22 A	–	62158	62160	62162	62164
7 x 7/8	8,500	80 PFF 180-22 A	62166	62168	62170	62172	62174
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFF 115-22 AT	62257	62250	62252	62254	62256
5 x 5/8-11	12,200	80 PFF 125-22 AT	–	62258	62260	62262	62264
7 x 5/8-11	8,500	80 PFF 180-22 AT	62266	62268	62270	62272	62274



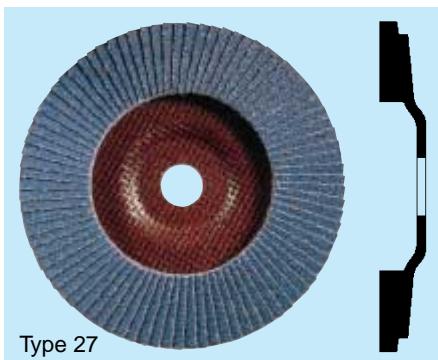
AF: Aluminum Oxide Forte

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Aluminum Oxide Forte							
4 x 5/8	15,300	80 PFF 100-16 A F	–	62354	62355	62356	62357
4-1/2 x 7/8	13,300	80 PFF 115-22 A F	–	62361	62362	62363	62364
5 x 7/8	12,200	80 PFF 125-22 A F	–	62365	62366	62367	–
7 x 7/8	8,500	80 PFF 180-22 A F	–	62369	62370	62371	62372
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFF 115-22 A FT	–	62373	62374	62375	62376
5 x 5/8-11	12,200	80 PFF 125-22 A FT	–	62377	62378	62379	–
7 x 5/8-11	8,500	80 PFF 180-22 A FT	–	62381	62382	62383	62384



Z: Zirconium

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Zirconium							
4 x 5/8	15,300	80 PFF 100-16 Z	–	62138	62139	–	–
4-1/2 x 7/8	13,300	80 PFF 115-22 Z	62179	62176	62178	–	–
5 x 7/8	12,200	80 PFF 125-22 Z	–	62182	62184	–	–
7 x 7/8	8,500	80 PFF 180-22 Z	–	62188	62190	–	–
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFF 115-22 ZT	62279	62276	62278	–	–
5 x 5/8-11	12,200	80 PFF 125-22 ZT	–	62282	62284	–	–
7 x 5/8-11	8,500	80 PFF 180-22 ZT	–	62288	62290	–	–

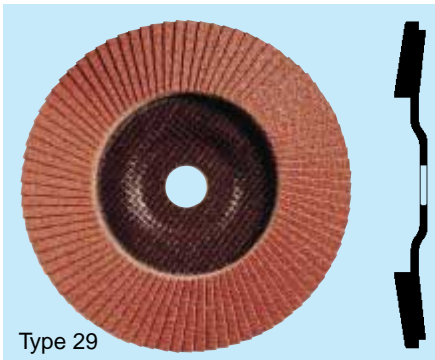


ZF: Zirconium Forte

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Zirconium Forte							
4 x 5/8	15,300	80 PFF 100-16 Z F	–	62331	62332	62333	–
4-1/2 x 7/8	13,300	80 PFF 115-22 Z F	–	62334	62335	62336	–
5 x 7/8	12,200	80 PFF 125-22 Z F	–	62337	62338	62339	–
7 x 7/8	8,500	80 PFF 180-22 Z F	62340	62341	62342	62343	–
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFF 115-22 Z FT	–	62344	62345	62346	–
5 x 5/8-11	12,200	80 PFF 125-22 Z FT	–	62347	62348	62349	–
7 x 5/8-11	8,500	80 PFF 180-22 Z FT	62350	62351	62352	62353	–

POLIFAN®-Flap Disc (Conical Type)

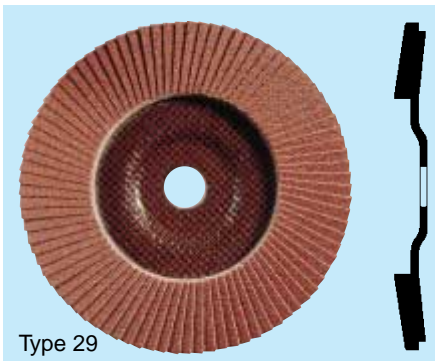
A: Aluminum Oxide



Type 29

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Aluminum Oxide							
4-1/2 x 7/8	13,300	80 PFC 115-22 A	62201	62202	62203	62204	62205
5 x 7/8	12,200	80 PFC 125-22 A	–	62213	62214	62215	62216
7 x 7/8	8,500	80 PFC 180-22 A	62207	62208	62209	62210	62211
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFC 115-22 AT	62301	62302	62303	62304	62305
5 x 5/8-11	12,200	80 PFC 125-22 AT	–	62313	62314	62315	62316
7 x 5/8-11	8,500	80 PFC 180-22 AT	62307	62308	62309	62310	62311

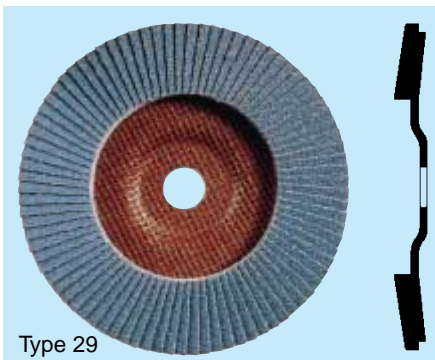
AF: Aluminum Oxide Forte



Type 29

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Aluminum Oxide Forte							
4-1/2 x 7/8	13,300	80 PFC 115-22 A F	–	62231	62232	62233	62234
5 x 7/8	12,200	80 PFC 125-22 A F	–	62235	62236	62237	–
7 x 7/8	8,500	80 PFC 180-22 A F	–	62238	62239	62240	–
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFC 115-22 A FT	–	62241	62242	62243	62244
5 x 5/8-11	12,200	80 PFC 125-22 A FT	–	62244	62245	62246	–
7 x 5/8-11	8,500	80 PFC 180-22 A FT	–	62247	62248	62249	–

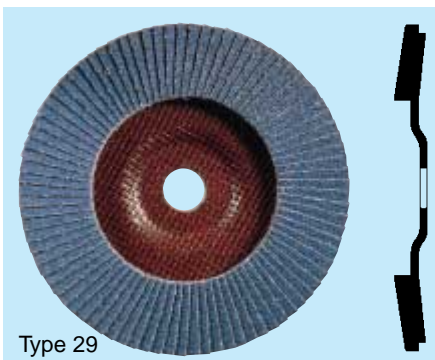
Z: Zirconium



Type 29

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Zirconium							
4-1/2 x 7/8	13,300	80 PFC 115-22 Z	62221	62222	62223	–	–
5 x 7/8	12,200	80 PFC 125-22 Z	–	62225	62226	–	–
7 x 7/8	8,500	80 PFC 180-22 Z	–	62228	62229	–	–
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFC 115-22 ZT	62321	62322	62323	–	–
5 x 5/8-11	12,200	80 PFC 125-22 ZT	–	62325	62326	–	–
7 x 5/8-11	8,500	80 PFC 180-22 ZT	–	62328	62329	–	–

ZF: Zirconium Forte



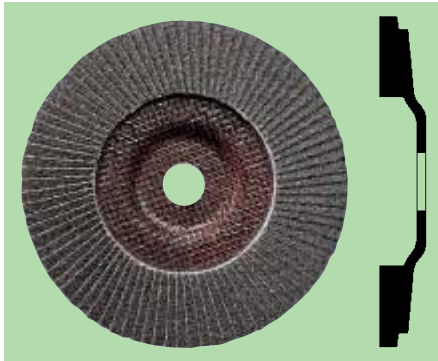
Type 29

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Zirconium Forte							
4-1/2 x 7/8	13,300	80 PFC 115-22 Z F	–	62385	62386	62387	–
5 x 7/8	12,200	80 PFC 125-22 Z F	–	62388	62389	62390	–
7 x 7/8	8,500	80 PFC 180-22 Z F	62391	62392	62393	62394	–
Threaded Hub							
4-1/2 x 5/8-11	13,300	80 PFC 115-22 Z FT	–	62395	62396	62397	–
5 x 5/8-11	12,200	80 PFC 125-22 Z FT	–	62398	62399	62400	–
7 x 5/8-11	8,500	80 PFC 180-22 Z FT	62317	62318	62319	62320	–



Minimum order quantity
and packing unit: 10 pieces

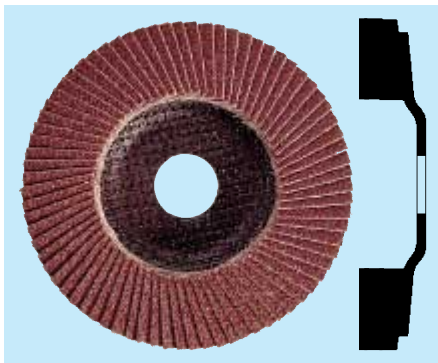
POLIFAN®-Flap Disc Masonry



C: Silicon Carbide

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.		
			24	40	80
Silicon Carbide					
4-1/2 x 7/8	13,300	80 PFF 115-22 C	62124	62125	62126
7 x 7/8	8,500	80 PFF 180-22 C	62127	62128	62129
Threaded Hub					
4-1/2 x 5/8-11	13,300	80 PFF 115-22 CT	62130	62131	62132
7 x 5/8-11	8,500	80 PFF 180-22 CT	62133	62134	62135

POLIFAN®-EXTRA Flap Disc Ferrous & Non Ferrous



POLIFAN® EXTRA is manufactured with more flaps to provide extra long service life.

A-EXTRA

A: Aluminum Oxide
Extra: More material

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Aluminum Oxide							
4-1/2 x 7/8	12,200	PFX 115-22 A	–	62085	62086	62087	62088
Threaded Hub							
4-1/2 x 5/8-11	12,200	PFX 115-22 AT	–	62105	62106	62107	62108

Z-EXTRA

Z: Zirconium
Extra: More material

Dimensions (Inches) Diameter x Bore	Max. RPM	PFERD Number	Grit and EDP No.				
			24	40	60	80	120
Zirconium							
4-1/2 x 7/8	12,200	PFX 115-22 Z	–	62090	62091	62092	62093
Threaded Hub							
4-1/2 x 5/8-11	12,200	PFX 115-22 ZT	–	62110	62111	62112	62113

Sets



Several assortments of 4-1/2 x 7/8 PFERD POLIFAN® wheels are available for your tool crib or for your PFERD Distributor's counter. Each contains 5 pcs per grit, for a total of 30 POLIFANS per set.

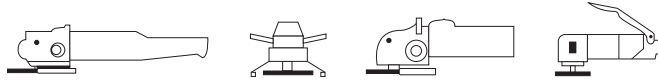
Contents of each assortment

Material Type	Grits
Aluminum Oxide	40, 60 (5 ea)
Aluminum Oxide Forte	60, 80 (5 ea)
Zirconium	40 (5 ea)
Zirconium Forte	80 (5 ea)

Assortments Available

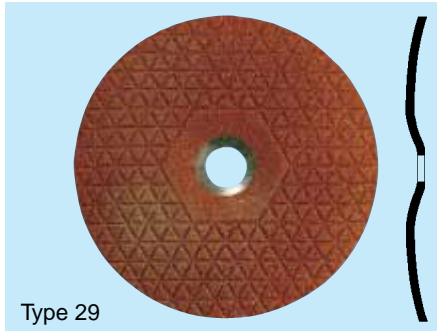
Backing Type	EDP
Flat-Type 27	62296
Conical-Type 29	62297
Mixed – Flat & Conical	62295





for Air and Electric Grinders

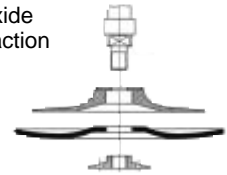
POLI-ELASTIC Forte A-Forte



Type 29

Slightly flexible grinding wheel with a textured surface for use on flat, concave and convex workpieces. Commonly used in construction of process equipment and tanks, in sheet metal fabrication and automotive bodywork, on castings made of iron, steel and non-ferrous metals, and on thermoplastics.

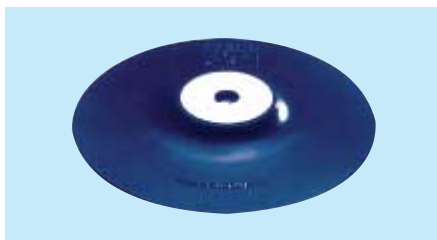
A: Aluminum Oxide
Forte: Fast cutting action



Warning!
Must be used with backing pads listed below.

Dimensions (Inches) Dia. x Arbor	Max. RPM	PFERD Number	Grit and EDP No.			
			24	36	60	100
Aluminum Oxide						
4-1/2 x 7/8	13,300	80 PE 115-3 AF	–	61960	61961	61962
5 x 7/8	12,200	80 PE 125-3 AF	–	61963	61964	61965
7 x 7/8	8,500	80 PE 180-3 AF	61966	61967	61968	61969

Backing Pads for POLI-ELASTIC Forte



Dimensions (Inches) Dia. x Arbor	Max. RPM	PFERD Number	EDP No.
Backing Pads			
4-1/2, 5 x 5/8-11	13,300	PE-GT 80 5811	69450
4-1/2 x M14x2.0	13,300	PE-GT 80 1420	69451
4-1/2 x M10x1.25	13,300	PE-GT 80 10125	69452
4-1/2 x M10x1.50	13,300	PE-GT 80 10150	69453
4-1/2 x 1/2-13	13,300	PE-GT 80 1213	69454
7 x 5/8-11	8,500	PE-GT 160 5811	69702
Spanner Wrench			
POLI-ELASTIC Spanner		SP WR 12.446.01	69114

POLI-ELASTIC TEX, TXF-Textile



Type 1

For medium to light duty grinding and finishing applications on stainless steel, aluminum and other metals. Smoother grinding action and better finish than coated products. TXF for stainless and highest disc flexibility; TX for aluminum and more rigid disc performance.

A: Aluminum Oxide
TX: Long life bond for Aluminum
TXF: Fast cutting latex bond for Stainless
INOX: Free of iron and sulphur; suitable for use on stainless

Finish Comparison

PE-TEX Grit	24	36	60	80
Coated Abrasive	50-60	80	100	120+

Note: 7" disc must be run with backing pad.

Dimensions (Inches) Diameter x Thickness x Arbor	Max. RPM	PFERD Number	Grit and EDP No.			
			24	36	60	80
TXF-Stainless						
4-1/2 x 1/8 x 7/8	13,300	80 PE 115-3 A-TXF	61972	61973	61974	61975
7 x 1/8 x 7/8	8,500	80 PE 178-3 A-TXF	61976	61977	61978	61979
TX-Aluminum						
4-1/2 x 1/8 x 7/8	13,300	80 PE 115-3 A-TX	61988	61989	61990	–
7 x 1/8 x 7/8	8,500	80 PE 178-3 A-TX	61991	61992	61993	–

Backing Pads for POLI-ELASTIC TEX



Dimensions (Inches) Diameter x Arbor	Max. RPM	PFERD Number	EDP No.
4-1/2" Backing Pad for use with 7" POLI-ELASTIC TEX disc			
4-1/2 x 5/8-11	11,000*	PE-GT 105 5811	69455

* Note: Do Not Exceed Maximum RPM of mounted disc!

Cut-Off & Grinding Wheel Display Rack



This attractive, free-standing display presents the entire cut-off and grinding wheel section of the PFERD line. Requiring a very limited amount of floor space, the rack

offers a 360° viewing area. It may also be placed in a corner or against a wall, as the unit spins easily by hand.

Dimensions: Height: 71"
Diameter: 25"

Description	EDP No.
Wheel Display (Empty)	69010

Peg and Slat Board Display Headers



Designed to fit a 4' display gondola, these point-of-purchase items are available to distributors interested in attractively displaying PFERD products.



Header Description	EDP No.
Solutions for Hand Finishing	69121
Grinding Wheels	69122
Surface Finishing	69123
Cut-Off Wheels	69124

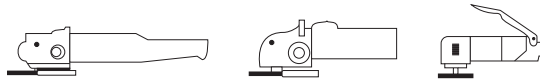




Wheel Types	Type 27 Type 1							Pipeliner			Die Grinder			Portable & Stationary				Chop-Saw						
	A-SG	A-SGH	A-SG INOX	A-SGH INOX	A-SG Nuclear	A-PS ALU	A-SG ALU	C-SG	A-PS INOX	A-SG	ZA-SG	A-PS	A-PS FORTE	A-SG INOX	A-PS	A-SG	A-SG DB	A-SG ALU	I-SG	ZA-SG	C-SG	A-PS FORTE G.P.	A-PS FORTE STUD	C-PS FORTE
Bond Types ▶																								
Materials / Applications ▼	Steel																							
Unalloyed, alloyed structural steels	●	●							●	●	●	●	●		●	●	●			●		●		
Structural steels – increased strength	●	●							●	●	●	●	●		●	●	●			●		●		
Tool steel	●	●							●	●	●	●	●		●	●	●			●		●		
High-speed steel	●	●							●	●	●	●	●		●	●	●			●		●		
Stainless steel shapes	●	●	●	●	●				●	●	●	●	●		●	●	●			●		●		
Super alloys (Inconel, Monel, etc.)	●	●	●	●	●				●	●	●	●	●		●	●	●			●		●		
Sheet metal/roof deck	●	●							●	●	●	●	●		●	●	●			●		●		
Stainless sheet	●	●	●	●					●	●	●	●	●		●	●	●			●		●		
Thin-walled sectional steel/wall studs	●	●							●	●	●	●	●		●	●	●			●		●	●	
Rail cutting																								
	Castings																							
Cast Steel	●	●							●	●	●	●	●		●	●	●			●		●		
Grey Cast Iron	●	●							●	●	●	●	●		●	●	●			●		●		
Nodular Cast Iron	●	●							●	●	●	●	●		●	●	●			●		●		
Ductile Iron										●									●	●				
	Non-Ferrous Metals																							
Aluminum Alloys						●	●										●							
Copper						●	●								●			●						
Brass, Bronze	●	●				●	●								●			●						
Titanium																					●			
	Masonry																							
Asphalt																								
Paving brick																								
Green concrete																								
Cured concrete																								
Large aggregate concrete																								
Roof tiles																								
Granite																								
Chalky sandstone																								
Ceramic																								
Cinder block																								
Marble																								
Porcelain																								
Fire bricks																								
Slate																								
Terrazzo																								
Clay pipe																								
Solid bricks																								
Catalog Page: ▶	135, 138, 140	135, 138	136, 139	136, 139	139	140	140	136, 141	137	137	137	142, 144	143	143	151	146, 151	146	146	147	152	147, 152	148	148	148

Wheel Characteristics: ● Recommended ● Suitable ● May be used

Depressed Center Cut-Off Wheels (Type 27)



for Air and Electric Grinders

Premium Performance A-SG

Universal PFERD cut-off wheels for steel, cast iron and non-ferrous metals.

A: Aluminum Oxide
SG: Fast cutting action and long service life



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
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Aluminum Oxide

4 x 1/8 x 3/8	15,300	80 EH 100-2 A 46 SG	63101
4 x 3/32 x 5/8	15,300	80 EH 100-2 A 46 SG	63102
4-1/2 x 3/32 x 7/8	13,300	80 EH 115-2 A 46 SG	63103
4-1/2 x 1/8 x 7/8	13,300	80 EH 115-3 A 46 SG	63104
5 x 3/32 x 7/8	12,200	80 EH 125-2 A 24 SG	63105
5 x 1/8 x 7/8	12,200	80 EH 125-3 A 24 SG	63106
6 x 1/8 x 7/8	10,200	80 EH 150-2 A 24 SG	63107
7 x 1/8 x 7/8	8,600	80 EH 178-2 A 24 SG	63109
9 x 1/8 x 7/8	6,600	80 EH 230-2 A 24 SG	63111

Threaded Hub

4-1/2 x 3/32 x 5/8-11	13,300	80 EH 115-2 A 46 SGT	63114
4-1/2 x 1/8 x 5/8-11	13,300	80 EH 115-3 A 46 SGT	63115
5 x 3/32 x 5/8-11	12,200	80 EH 125-2 A 24 SGT	63116
5 x 1/8 x 5/8-11	12,200	80 EH 125-3 A 24 SGT	63117
7 x 1/8 x 5/8-11	8,600	80 EH 178-2 A 24 SGT	63112
9 x 1/8 x 5/8-11	6,600	80 EH 230-2 A 24 SGT	63113

A-SGH

Cut-off wheels for use on steel and sheet steel, cast iron and non-ferrous metals. Provides very long service life and fast cutting action. Recommended for use on powerful drives.

A: Special Aluminum Oxide
SGH: Fast cutting action and very long service life



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
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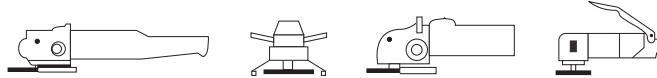
Aluminum Oxide

4-1/2 x 3/32 x 7/8	13,300	80 EH 115-2 A 30 SGH	63118
5 x 3/32 x 7/8	12,200	80 EH 125-2 A 24 SGH	63120
7 x 1/8 x 7/8	8,600	80 EH 178-2 A 24 SGH	63123
9 x 1/8 x 7/8	6,600	80 EH 230-2 A 24 SGH	63124

Threaded Hub

4-1/2 x 3/32 x 5/8-11	13,300	80 EH 115-2 A 30 SGHT	63125
5 x 3/32 x 5/8-11	12,200	80 EH 125-2 A 24 SGHT	63127
7 x 1/8 x 5/8-11	8,600	80 EH 178-2 A 24 SGHT	63128
9 x 1/8 x 5/8-11	6,600	80 EH 230-2 A 24 SGHT	63129

Depressed Center Cut-Off Wheels (Type 27)



for Air and Electric Grinders

Stainless A-SG INOX

PFERD cut-off wheels specifically engineered for high performance cutting of stainless steel.

A: Aluminum Oxide
SG: Fast cutting action and long service life
INOX: For stainless steel. Free from iron and sulphur



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 3/32 x 7/8	13,300	80 EH 115-2 A 46 SG INOX	63202
4-1/2 x 1/8 x 7/8	13,300	80 EH 115-3 A 46 SG INOX	63204
5 x 3/32 x 7/8	12,200	80 EH 125-2 A 46 SG INOX	63205
5 x 1/8 x 7/8	12,200	80 EH 125-3 A 46 SG INOX	63206
7 x 1/8 x 7/8	8,600	80 EH 178-2 A 24 SG INOX	63207
9 x 1/8 x 7/8	6,600	80 EH 230-2 A 24 SG INOX	63209
Threaded Hub			
4-1/2 x 3/32 x 5/8-11	13,300	80 EH 115-2 A 46 SGT INOX	63212
4-1/2 x 1/8 x 5/8-11	13,300	80 EH 115-3 A 46 SGT INOX	63213
5 x 3/32 x 5/8-11	12,200	80 EH 125-2 A 46 SGT INOX	63214
5 x 1/8 x 5/8-11	12,200	80 EH 125-3 A 46 SGT INOX	63215
7 x 1/8 x 5/8-11	8,600	80 EH 178-2 A 24 SGT INOX	63210
9 x 1/8 x 5/8-11	6,600	80 EH 230-2 A 24 SGT INOX	63211

A-SGH INOX

PFERD cut-off wheels for use on stainless steel and high alloy special steel grades. Recommended for use on powerful drives.

A: Special Aluminum Oxide
SGH: Fast cutting action and very long service life
INOX: For stainless steel. Free from iron and sulphur



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 3/32 x 7/8	13,300	80 EH 115-2 A 46 SGH INOX	63231
5 x 3/32 x 7/8	12,200	80 EH 125-2 A 46 SGH INOX	63233
7 x 1/8 x 7/8	8,600	80 EH 178-2 A 24 SGH INOX	63235
9 x 1/8 x 7/8	6,600	80 EH 230-2 A 24 SGH INOX	63236
Threaded Hub			
4-1/2 x 3/32 x 5/8-11	13,300	80 EH 115-2 A 46 SGHT INOX	63237
5 x 3/32 x 5/8-11	12,200	80 EH 125-2 A 46 SGHT INOX	63239
7 x 1/8 x 5/8-11	8,600	80 EH 178-2 A 24 SGHT INOX	63241
9 x 1/8 x 5/8-11	6,600	80 EH 230-2 A 24 SGHT INOX	63242

Masonry C-SG

Cut-off wheels for masonry and concrete, natural and artificial stone, fire bricks.

C: Silicon Carbide
SG: Fast cutting action and long service life



Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
4-1/2 x 3/32 x 7/8	13,300	80 EH 115-2 C 30 SG	63302
5 x 3/32 x 7/8	12,200	80 EH 125-2 C 24 SG	63303
6 x 1/8 x 7/8	10,200	80 EH 150-2 C 24 SG	63304
7 x 1/8 x 7/8	8,600	80 EH 178-2 C 24 SG	63305
9 x 1/8 x 7/8	6,600	80 EH 230-2 C 24 SG	63306
Threaded Hub			
4-1/2 x 3/32 x 5/8-11	13,300	80 EH 115-2 C 30 SGT	63309
5 x 3/32 x 5/8-11	12,200	80 EH 125-2 C 24 SGT	63310
7 x 1/8 x 5/8-11	8,600	80 EH 178-2 C 24 SGT	63307
9 x 1/8 x 5/8-11	6,600	80 EH 230-2 C 24 SGT	63308

Pipeliner (Type 27)

PFERD Pipeliner wheels are designed for light grinding and cutting of pipeliner root pass, weld and flame cut grinding, and all facets of steel and non-ferrous metal production and fabrication.

Pipeliner wheels are available in 3 different grades: A-PS, A-SG and ZA-SG.

General Purpose A-PS

Pipeliner A-PS is a newly developed wheel that performs very aggressively.

- A:** Aluminum Oxide
- PS:** Very fast stock removal and good service life
- INOX:** Free from iron and sulphur, suitable for use on stainless steel



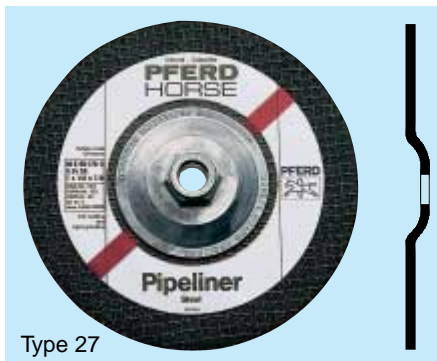
Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 1/8 x 7/8	13,300	80 E/EH 115-4 A 46 PS INOX	63410
5 x 1/8 x 7/8	12,200	80 E/EH 125-3 A 24 PS INOX	63411
7 x 1/8 x 7/8	8,600	80 E/EH 178-3 A 24 PS INOX	63412
9 x 1/8 x 7/8	6,600	80 E/EH 230-3 A 24 PS INOX	63413
Threaded Hub			
4-1/2 x 1/8 x 5/8-11	13,300	80 E/EH 115-4 A 46 PST INOX	63414
5 x 1/8 x 5/8-11	12,200	80 E/EH 125-3 A 24 PST INOX	63415
7 x 1/8 x 5/8-11	8,600	80 E/EH 178-3 A 24 PST INOX	63416
9 x 1/8 x 5/8-11	6,600	80 E/EH 230-3 A 24 PST INOX	63417

Premium Performance A-SG

Pipeliner A-SG, manufactured with a premium oxide grain, offers fast stock removal, highest cutting rates and long life.

- A:** Aluminum Oxide
- SG:** Fast stock removal and long service life



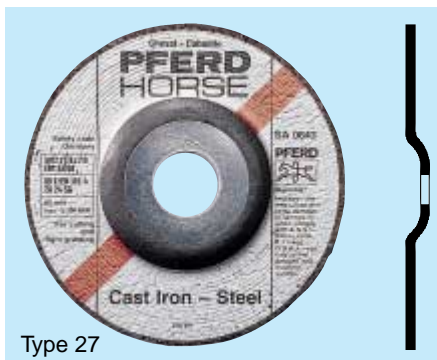
Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 1/8 x 7/8	13,300	80 E/EH 115-4 A 24 SG	63400
5 x 1/8 x 7/8	12,200	80 E/EH 125-3 A 24 SG	63406
7 x 1/8 x 7/8	8,600	80 E/EH 178-3 A 24 SG	63401
9 x 1/8 x 7/8	6,600	80 E/EH 230-3 A 24 SG	63402
Threaded Hub			
4-1/2 x 1/8 x 5/8-11	13,300	80 E/EH 115-4 A 24 SGT	63405
5 x 1/8 x 5/8-11	12,200	80 E/EH 125-3 A 24 SGT	63407
7 x 1/8 x 5/8-11	8,600	80 E/EH 178-3 A 24 SGT	63403
9 x 1/8 x 5/8-11	6,600	80 E/EH 203-3 A 24 SGT	63404

Superior Performance ZA-SG

Pipeliner ZA-SG, is manufactured with Zirconium grain. This wheel offers high performance cutting and grinding rates and very long life.

- ZA:** Zirconia Aluminum Oxide
- SG:** Fast stock removal and long service life

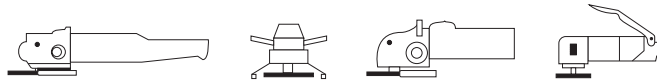


Type 27

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Zirconium			
4-1/2 x 1/8 x 7/8	13,300	80 E/EH 115-4 ZA 46 SG	63251
7 x 1/8 x 7/8	8,600	80 E/EH 178-4 ZA 24 SG	63253
Threaded Hub			
4-1/2 x 1/8 x 5/8-11	13,300	80 E/EH 115-4 ZA 46 SGT	63255
7 x 1/8 x 5/8-11	8,600	80 E/EH 178-4 ZA 24 SGT	63257

Flat Cut-Off Wheels (Type 1)

Premium Performance



for Air and Electric Grinders

A-SG

Universal PFERD cut-off wheels for steel, cast iron and non-ferrous metals.

A: Aluminum Oxide

SG: Fast cutting action and long service life



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4 x 3/32 x 3/8	15,300	80 EHT 100-2 A 46 SG	63501
4 x 3/32 x 5/8	15,300	80 EHT 100-2 A 46 SG	63502
4-1/2 x 3/32 x 7/8	13,300	80 EHT 115-2 A 46 SG	63503
5 x 3/32 x 7/8	12,200	80 EHT 125-2 A 24 SG	63505
6 x 1/8 x 7/8	10,200	80 EHT 150-2 A 24 SG	63507
7 x 3/32 x 7/8	8,600	80 EHT 178-2 A 46 SG	63508
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 SG	63509
9 x 3/32 x 7/8	6,600	80 EHT 203-2 A 24 SG	63510
9 x 1/8 x 7/8	6,600	80 EHT 230-2 A 24 SG	63511

A-SGH

Cut-off wheels for use on steel and sheet steel, cast iron and non-ferrous metals. Provides very long service life and fast cutting action. Recommended for use on powerful drives.

A: Special Aluminum Oxide

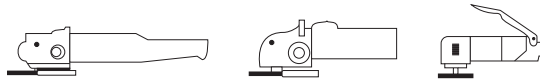
SGH: Fast cutting action and very long service life



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 3/32 x 7/8	13,300	80 EHT 115-2 A 30 SGH	63625
5 x 3/32 x 7/8	12,200	80 EHT 125-2 A 30 SGH	63626
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 SGH	63627
9 x 1/8 x 7/8	6,600	80 EHT 230-2 A 24 SGH	63628

Flat Cut-Off Wheels (Type 1)

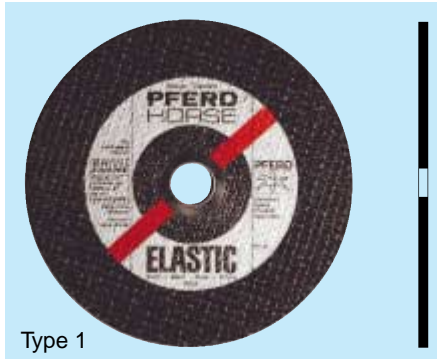


for Air and Electric Grinders

Stainless A-SG INOX

PFERD Cut-Off Wheels for use on stainless steel.

A: Aluminum Oxide
SG: Fast cutting action and long service life
INOX: For stainless steel. Free from iron and sulphur



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 1/16 x 7/8	13,300	80 EHT 115-1.6 A 46 SG INOX	63607
5 x 1/16 x 7/8	12,200	80 EHT 125-1.6 A 46 SG INOX	63608
7 x 3/32 x 7/8	8,600	80 EHT 178-1.9 A 46 SG INOX	63612
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 SG INOX	63609
8 x 1/8 x 7/8	7,600	80 EHT 200-2 A 24 SG INOX	63610
9 x 1/8 x 7/8	6,600	80 EHT 230-2 A 24 SG INOX	63611

A-SGH INOX

PFERD Cut-Off Wheels for use on stainless steel and high alloy special steel grades. Recommended for use on powerful drives.

A: Special Aluminum Oxide
SGH: Fast cutting action and very long service life
INOX: For stainless steel. Free from iron and sulphur



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 3/32 x 7/8	13,300	80 EHT 115-2 A 46 SGH INOX	63635
5 x 3/32 x 7/8	12,200	80 EHT 125-2 A 46 SGH INOX	63636
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 SGH INOX	63637
9 x 1/8 x 7/8	6,600	80 EHT 230-2 A 24 SGH INOX	63638

Nuclear A-SG Nuclear

Special non-contaminating wheel for use in nuclear power plants.

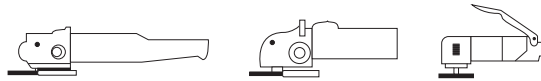
A: Aluminum Oxide
SG: Fast cutting action and long service life
Nuclear: For use in nuclear power plants. Free from iron, sulphur and halogen



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 SG Nuclear	63615

Flat Cut-Off Wheels (Type 1)

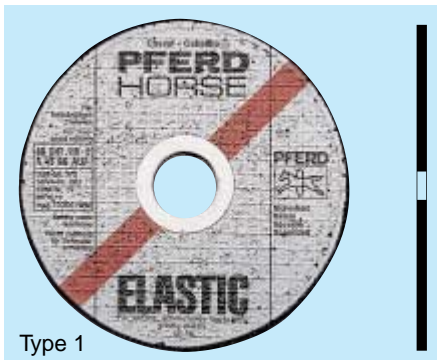


for Air and Electric Grinders

Aluminum A-PS Alu, A-SG Alu

PFERD Cut-Off Wheels for cutting greasy metals, particularly aluminum.

- A:** Aluminum Oxide
- PS-ALU:** Extremely fast cutting action and good service life without loading on soft metals
- SG-ALU:** For fast cutting action and long service life without loading on soft metals



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
4-1/2 x 3/32 x 7/8	13,300	80 EHT 115-2 A 46 SG ALU	63602
7 x 1/8 x 7/8	8,600	80 EHT 178-2 A 24 PS ALU	63605
9 x 1/8 x 7/8	6,600	80 EHT 230-2 A 24 PS ALU	63606

Circular Saw Blades: KHT, EHT A-SG

PFERD Cut-Off Wheels for steel, cast iron and non-ferrous metals.



KHT wheels feature a diamond bore, designed for use on portable circular saws. EHT wheels are designed for use on small circular saws with standard 5/8" bore.

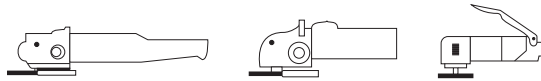
- A:** Aluminum Oxide
- SG:** Fast cutting action and long service life.



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
6 x 1/8 x 5/8 ◆	10,200	80 KHT 150-2 A 24 SG	63841
7 x 1/8 x 5/8 ◆	8,600	80 KHT 178-2 A 24 SG	63842
8 x 1/8 x 5/8 ◆	7,600	80 KHT 200-2 A 24 SG	63843
7 x 1/8 x 5/8	8,600	80 EHT 178-2 A 24 SG	63852
8 x 1/8 x 5/8	7,600	80 EHT 200-2 A 24 SG	63853

Flat Cut-Off Wheels (Type 1)



for Air and Electric Grinders

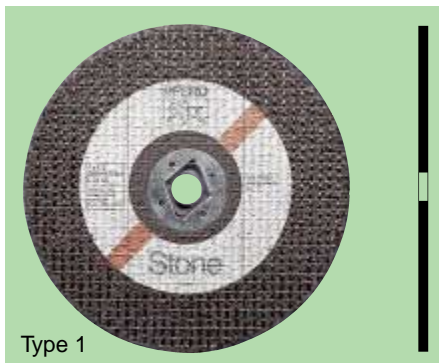
Circular Saw Blades: KHT, EHT C-SG

PFERD Cut-Off Wheels for masonry, concrete, natural and artificial stone, fire bricks.



KHT wheels feature a diamond bore, designed for use on portable circular saws. EHT wheels are designed for use on small circular saws with standard 5/8" bore.

C: Silicon Carbide
SG: Fast cutting action and long service life.



Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
6 x 1/8 x 5/8 ◆	10,200	80 KHT 150-2 C 24 SG	63844
7 x 1/8 x 5/8 ◆	8,600	80 KHT 178-2 C 24 SG	63845
8 x 1/8 x 5/8 ◆	7,600	80 KHT 200-2 C 24 SG	63846
7 x 1/8 x 5/8	8,600	80 EHT 178-2 C 24 SG	63855
8 x 1/8 x 5/8	7,600	80 EHT 200-2 C 24 SG	63856

C-SG

Cut-Off Wheels for masonry and concrete, natural and artificial stone, fire bricks.

C: Silicon Carbide
SG: Fast cutting action and long service life



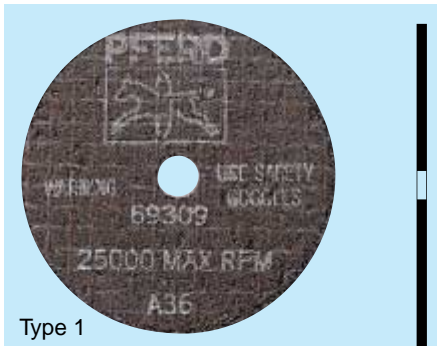
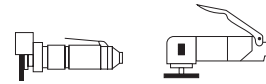
Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
4 x 3/32 x 5/8	15,300	80 EHT 100-2 C 30 SG	63701
4-1/2 x 3/32 x 7/8	13,300	80 EHT 115-2 C 30 SG	63702
5 x 3/32 x 7/8	12,200	80 EHT 125-2 C 24 SG	63703
6 x 1/8 x 7/8	10,200	80 EHT 150-2 C 24 SG	63704
7 x 1/8 x 7/8	8,600	80 EHT 178-2 C 24 SG	63705
9 x 1/8 x 7/8	6,600	80 EHT 230-2 C 24 SG	63706



Minimum order quantity and packing unit: 25 pieces

Die Grinder Wheels (Type 1) A-PS



Die grinder wheels are fully reinforced for use in hand held cut-off work. Ideal for working hard-to-reach areas or close quarters.

Applications:

Plant maintenance, automotive, power plants, aerospace and foundries.

Grits 24 and 36 for fast cutting and rough applications with good life.

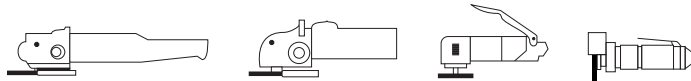
Grit 60 for finer finish, and burr-free cutting of hard ferrous metals.

A: Aluminum Oxide
PS: Extremely fast cutting action and good service life

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Grits and EDP No.		
			24	36	60
Aluminum Oxide					
2 x .035 x 1/4	30,000	80 EHT 50-1 A PS	–	–	69201
2 x .035 x 3/8	30,000	80 EHT 50-1 A PS	–	–	69203
2 x 1/16 x 1/4	30,000	80 EHT 50-1 A PS	–	69205	69207
2 x 1/16 x 3/8	30,000	80 EHT 50-1 A PS	–	69209	69211
2 x 1/8 x 3/8	30,000	80 EHT 50-2 A PS	–	69217	–
2-1/2 x .035 x 1/4	27,000	80 EHT 64-1 A PS	–	–	69251
2-1/2 x .035 x 3/8	27,000	80 EHT 64-1 A PS	–	–	69253
2-1/2 x 1/16 x 1/4	27,000	80 EHT 64-1 A PS	–	69255	69257
2-1/2 x 1/16 x 3/8	27,000	80 EHT 64-1 A PS	–	69259	69261
2-7/8 x .035 x 3/8	25,000	80 EHT 73-1 A PS	–	–	69275
2-7/8 x 1/16 x 3/8	25,000	80 EHT 73-1 A PS	–	69276	–
3 x .035 x 1/4	25,000	80 EHT 76-1 A PS	–	–	69301
3 x .035 x 3/8	25,000	80 EHT 76-1 A PS	–	–	69303
3 x 1/16 x 1/4	25,000	80 EHT 76-1 A PS	–	69305	69307
3 x 1/16 x 3/8	25,000	80 EHT 76-1 A PS	–	69309	69311
3 x 1/8 x 1/4	25,000	80 EHT 76-2 A PS	–	69313	69315
3 x 1/8 x 3/8	25,000	80 EHT 76-2 A PS	69316	69317	69319
4 x .035 x 1/4	19,000	80 EHT 102-1 A PS	–	–	69401
4 x .035 x 3/8	19,000	80 EHT 102-1 A PS	–	–	69403
4 x 1/16 x 1/4	19,000	80 EHT 102-1 A PS	–	69405	69407
4 x 1/16 x 3/8	19,000	80 EHT 102-1 A PS	–	69409	69411
4 x 1/16 x 5/8	19,000	80 EHT 102-1 A PS	–	69413	–
4 x 1/8 x 3/8	19,000	80 EHT 102-2 A PS	69420	–	69423
5 x .035 x 3/8	12,200	80 EHT 125-1 A PS	–	–	69501
5 x .035 x 1/2	12,200	80 EHT 125-1 A PS	–	–	69502
5 x 1/16 x 3/8	12,200	80 EHT 125-1 A PS	–	69503	–
6 x .035 x 1/2	10,200	80 EHT 150-1 A PS	–	–	69601
6 x .035 x 5/8	10,200	80 EHT 150-1 A PS	–	–	69603
6 x 1/16 x 1/2	10,200	80 EHT 150-1 A PS	–	69604	–
6 x 1/16 x 5/8	10,200	80 EHT 150-1 A PS	–	69606	–
7 x .035 x 5/8	8,740	80 EHT 180-1 A PS	–	–	69711
7 x 1/16 x 5/8	8,740	80 EHT 180-1 A PS	–	69719	–
7 x 1/16 x 7/8	8,740	80 EHT 180-1 A PS	–	69730	–
8 x .035 x 5/8	7,640	80 EHT 200-1 A PS	–	–	69801
8 x 1/16 x 5/8	7,640	80 EHT 200-1 A PS	–	–	69802
8 x 1/16 x 7/8	7,640	80 EHT 200-1 A PS	–	69804	69805



Flat Cut-Off Wheels (Type 1)



Stainless A-SG INOX

INOX die grinder cut-off wheels are specially designed for use on stainless steel and high temperature alloys. These wheels feature fast, burr-free cutting and long service life. Also suitable for cutting all steels and non-ferrous metals, A-SG INOX wheels offer increased performance over general purpose wheels.

- A:** Aluminum Oxide
- SG:** Fast cutting action and long service life.
- INOX:** For Stainless Steel. Free from iron and sulphur



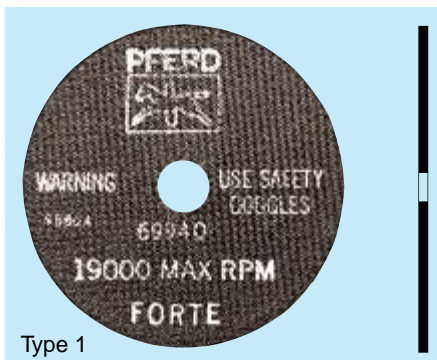
Type 1

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Stainless			
3 x .040 x 3/8	25,000	80 EHT 76-1 A 60 SG INOX	69832
3 x 1/16 x 3/8	25,000	80 EHT 76-1 A 60 SG INOX	69834
4 x .040 x 3/8	19,000	80 EHT 100-1 A 60 SG INOX	69841
4 x .040 x 5/8	19,000	80 EHT 100-1 A 60 SG INOX	69842
4 x 1/16 x 3/8	19,000	80 EHT 100-1 A 60 SG INOX	69843
4 x 1/16 x 5/8	19,000	80 EHT 102-1 A 60 SG INOX	69844
6 x .040 x 7/8	10,200	80 EHT 150-1 A 60 SG INOX	69862
7 x 1/16 x 7/8	8,740	80 EHT 180-1 A 60 SG INOX	69872
8 x 1/16 x 5/8	7,640	80 EHT 200-1 A 60 SG INOX	69882

Super-Cut Right Angle Grinder A-PS Forte

Designed for use on right angle grinders, the PFERD A-PS Forte wheels offer fast cutting performance. Suitable for cutting at a 90 degree angle on all steels and non-ferrous metals.

- A:** Aluminum Oxide
- PS:** Very fast cutting action and long service life.
- Forte:** Fastest cutting action



Type 1

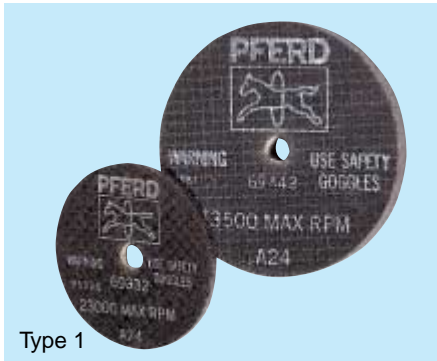
Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	EDP No.
Right Angle			
4 x .040 x 5/8	19,000	80 EHT 102-1 A 60 PS Forte	69940
4-1/2 x .040 x 7/8	13,500	80 EHT 115-1 A 60 PS Forte	69945
5 x .040 x 7/8	12,200	80 EHT 125-1 A 60 PS Forte	69950
6 x .040 x 7/8	10,200	80 EHT 150-1 A 60 PS Forte	69960
7 x .040 x 7/8	8,740	80 EHT 180-1 A 60 PS Forte	69970



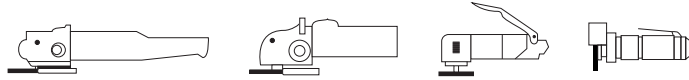
Minimum order quantity and packing unit: 50 pieces
Exception: 6" and larger diameter: 25 pieces

Small Grinding Wheels (Type 1)

A-SG



Type 1



for Air and Electric Grinders

Type 1 grinding wheels for snagging and grinding ferrous metals. For use on arbors listed in table below.

A: Aluminum Oxide

SG: Fast grinding action and long service life

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	Pferd Number	Grit and EDP No.	
			24	36
Aluminum Oxide				
2 x 1/4 x 3/8	30,000	80 ER 50-6 A SG	69236	—
3 x 3/16 x 1/4	23,000	80 ER 76-4 A SG	69330	69331
3 x 3/16 x 3/8	23,000	80 ER 76-4 A SG	69332	69333
3 x 1/4 x 1/4	23,000	80 ER 76-6 A SG	69334	69335
3 x 1/4 x 3/8	23,000	80 ER 76-6 A SG	69336	69337
3 x 3/8 x 1/4	18,000	80 ER 76-10 A SG	69338	69339
3 x 3/8 x 3/8	18,000	80 ER 76-10 A SG	69340	69341
3 x 1/2 x 3/8	18,000	80 ER 76-13 A SG	69344	—
4 x 3/16 x 3/8	19,000	80 ER 102-4 A SG	69432	—
4 x 1/4 x 3/8	19,000	80 ER 102-6 A SG	—	69447
4 x 1/2 x 3/8	13,500	80 ER 102-13 A SG	69442	—

Ductile

3 x 3/16 x 3/8	23,000	80 ER 76-4 A/C SG	69353	—
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Accessories



Mandrels for Die Grinders, Small Grinding Wheels

Dimensions (Inches) Arbor x Shank Diameter	Max. RPM	Pferd Number	EDP No.
Die Grinder			
1/4 x 1/4	30,000	M-DG 1414	69026
3/8 x 1/4	30,000	M-DG 3814	69027
1/4, 3/8 x 1/4 Combo Pack	30,000	M-DGCP 143814	69028

Small Grinding Wheels

1/4 x 1/4	30,000	M-SG 1414	69029
3/8 x 1/4	30,000	M-SG 3814	69030

Bushings Plastic and Steel

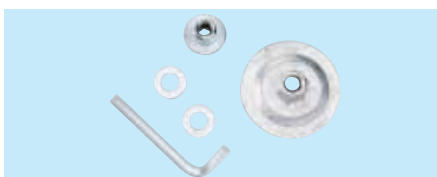


Dimensions (Inches)	Pferd Number	EDP No.
Plastic		
1-1/2 to 1-1/4	RBP 38-32	69001
1-1/4 to 1	RBP 32-25	69007
1-1/8 to 1	RBP 29-25	69008
1 to 7/8	RBP 25-22	69003
1 to 20 mm	RBP 25-20	69004
1 to 5/8	RBP 25-16	69005
7/8 to 5/8	RBP 22-16	69006
Steel		
2-3/8 to 1-3/4	RBS 60-44	69023
2-3/8 to 1-1/2	RBS 60-38	69022
2-3/8 to 1-1/4	RBS 60-32	69021
2-3/8 to 1	RBS 60-25	69020
1-1/2 to 1	RBS 38-25	69002

Arbor Adapter Kit

Reusable hub for use with 7" and 9" Type 27 wheels on right angle grinders with a 5/8-11 spindle.

Description	EDP
Adaptor Kit 5/8-11	69009







for gasoline, electric and hydraulic cut-off machines

Metal A-SG

Cutting of steel and non-ferrous metals on portable cut-off machines.

A: Aluminum Oxide

SG: Fast cutting action and long service life



Dia. x Thickness (Inches)	Max. RPM	PFERD Number	Arbor Size & EDP No.		
			20 mm	7/8	1"
Aluminum Oxide					
12 x 1/8	5,100	80 EHT 300-3 A 24 SG	64012	64013	64014
12 x 1/8	6,400	100 EHT 300-3 A 24 SG	–	–	64015
14 x 1/8	5,500	100 EHT 350-4 A 24 SG	64016	64017	64018
16 x 1/8	4,800	100 EHT 400-4 A 24 SG	–	–	64019

Aluminum A-SG ALU

Specially designed wheel for cutting aluminum conduit on portable cut-off machines.

A: Aluminum Oxide

SG: Fast cutting action and long service life

ALU: Special non-loading wheel for use on soft metals



Dia. x Thickness (Inches)	Max. RPM	PFERD Number	1" Arbor
			EDP No.
Aluminum Oxide			
12 x 1/8	5,100	80 EHT 300-3 A 24 SG ALU	64127
14 x 1/8	5,500	100 EHT 350-4 A 24 SG ALU	64128

Rail A-SG DB

Specially designed wheel for cutting new, high wear and wear hardened rail on portable cut-off machines.

A: Aluminum Oxide

SG: Fast cutting action and long service life

DB: Designed specifically for rail cutting



Dia. x Thickness (Inches)	Max. RPM	PFERD Number	1" Arbor
			EDP No.
Aluminum Oxide			
12 x 1/8	5,100	80 EHT 300-3 A 24 SG3 DB	64401
14 x 1/8	5,500	100 EHT 350-3 A 24 SG3 DB	64402
16 x 1/8	4,800	100 EHT 400-4 A 24 SG3 DB	64403



for gasoline, electric and hydraulic cut-off machines

Masonry, Asphalt C-SG



Cut-off wheels designed for asphalt, concrete, stone and plastic on electric and gasoline powered portable saws.

C: Silicon Carbide
SG: Fast cutting action and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	Arbor Size & EDP No.		
			20 mm	7/8	1"
Silicon Carbide – Masonry					
12 x 1/8	5,100	80 EHT 300-3 C 24 SG	64232	64233	64234
12 x 1/8	6,400	100 EHT 300-3 C 24 SG	–	–	64235
14 x 1/8	5,500	100 EHT 350-4 C 24 SG	64236	64237	64238
16 x 1/8	4,800	100 EHT 400-4 C 24 SG	–	–	64239
Silicon Carbide – Asphalt					
12 x 1/8	5,100	80 EHT 300-3 C 24 SG	–	–	64300

Ductile Iron I-SG



Cutting of ductile iron, water main pipe and cast iron on portable cut-off machine

I: Aluminum Oxide, Silicon Carbide
SG: Fast cutting action and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	Arbor Size & EDP No.	
			20 mm	1"
Aluminum Oxide				
12 x 1/8	5,100	80 EHT 300-3 I 24 SG	64121	64122
14 x 1/8	5,500	100 EHT 350-4 I 24 SG	64123	64124

Street Saw C-SGP



Specially designed cut-off wheel for use on walk-behind saws. Used for cutting expansion joints, new road construction and repair.



C: Silicon Carbide
SGP: Fast cutting action and long service life, with pinhole for drive pin
GP: General Purpose
ASP: Asphalt
CC: Cured Concrete

Dimensions (Inches) Dia. x Thickness x Arbor	Max. RPM	PFERD Number	Wheel Type and EDP No.		
			GP	ASP	CC
Silicon Carbide					
12 x 1/8 x 1	5,100	80 EHT 300-3 C 24 SGP	64301	–	–
14 x 1/8 x 1	5,500	100 EHT 350-4 C 24 SGP	64302	–	–
14 x 3/16 x 1	5,500	100 EHT 350-5 C 24 SGP	–	64303	64304
14 x 1/4 x 1	5,500	100 EHT 350-6 C 24 SGP	64305	–	–
18 x 7/32 x 1	3,400	80 EHT 450-5 C 24 SGP	64310	–	–



General Purpose A-PSF



PFERD general purpose chop saw wheels are very aggressive for fast cutting of rebar, tubing and other small cross sections of ferrous and non-ferrous metals on low powered electric chop saws.

A: Aluminum Oxide
PSF: Very fast cutting action and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
12 x 3/32 x 1	5,100	80 T 300-3 A 24 PSF	64501
14 x 3/32 x 1	4,400	80 T 350-3 A 24 PSF	64502
16 x 1/8 x 1	3,800	80 T 400-4 A 24 PSF	64503

Stud Cutting A-PSF



The Stallion stud cutting chop saw blade cuts metal studs, thin rebar, sheet stock and light gauge metal. Also recommended for any application where minimal burrs are desired.

A: Aluminum Oxide
PSF: Very fast cutting action and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	EDP No.
Aluminum Oxide			
12 x 3/32 x 1	5,100	80 T 300-3 A 46 PSF	64504
14 x 3/32 x 1	4,400	80 T 350-3 A 46 PSF	64505
16 x 1/8 x 1	3,800	80 T 400-4 A 46 PSF	64506

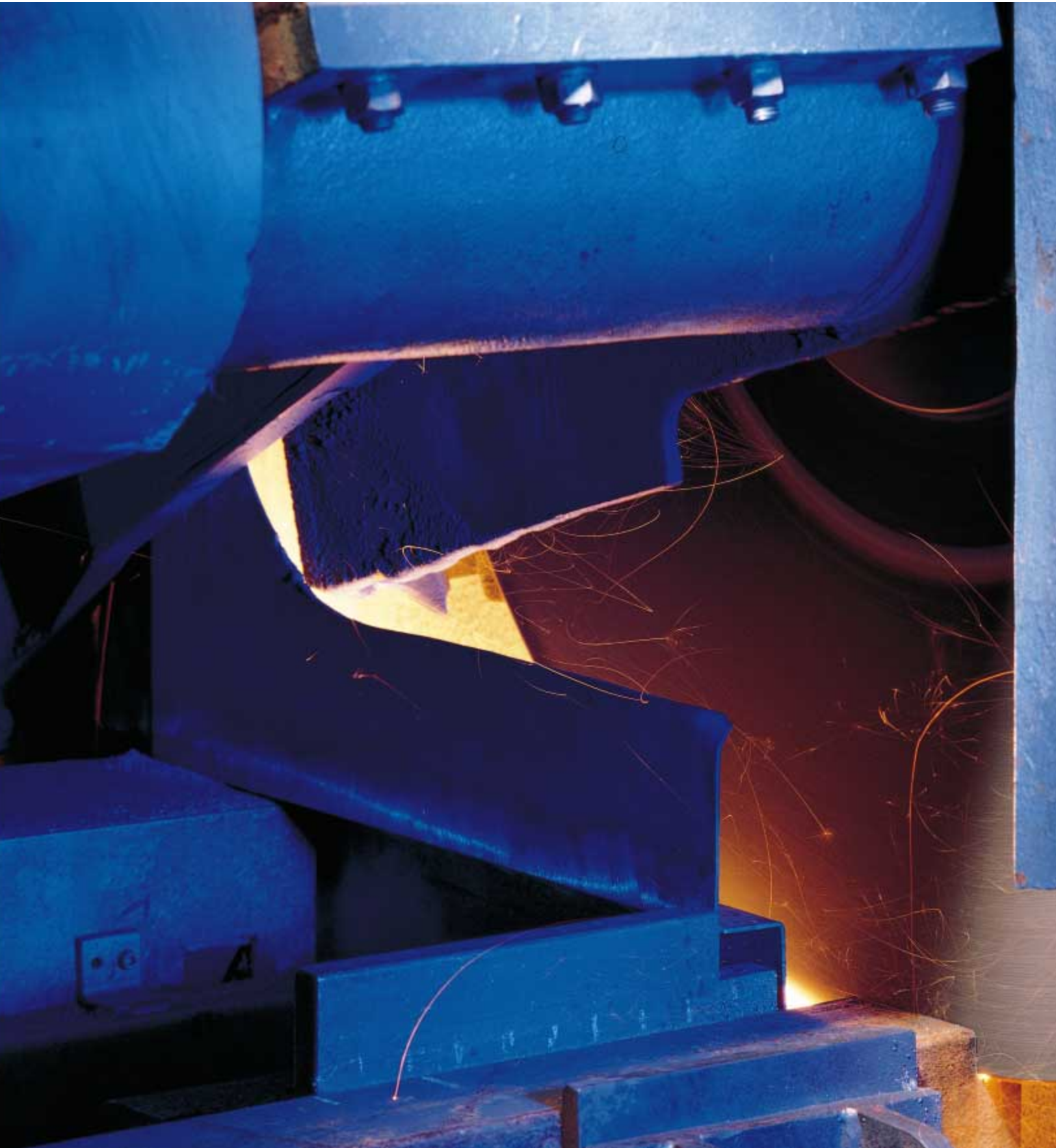
Masonry C-PS Forte



PFERD general purpose chop saw wheel is suitable for cutting natural and artificial stone, small bricks, plastics, etc. on low powered electric chop saws.

C: Silicon Carbide
PSF: Very fast cutting action and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	EDP No.
Silicon Carbide			
12 x 1/8 x 1	5,100	80 T 300-3 C 24 PSF	64511
14 x 1/8 x 1	4,400	80 T 350-3 C 24 PSF	64512
16 x 1/8 x 1	3,800	80 T 400-4 C 24 PSF	64513





Methods of Cutting

Abrasive wheels can cut materials such as steel, cast iron, non-ferrous metals, stone and ceramics, glass, fire bricks, plastics and exotic metals such as Titanium, Hastalloy, Inconel, etc., fast accurately and economically.

Materials may be cut at temperatures in excess of 1000 degrees C, e.g. rolled stock, continuous castings or forgings. This material can also be cut after it is cooled down. The primary use of the stationary wheel is to cut materials of high tensile strength because these materials are difficult to saw. Stainless steel, high temperature alloys and high alloyed composites are typically cut with stationary blades.

A properly selected wheel and a high performance cut-off machine are necessities for economical abrasive cutting.

Cut-Off Machine Design:

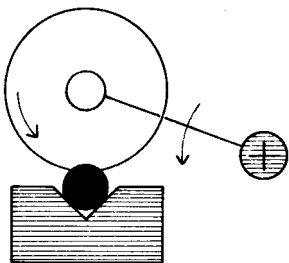
1. Adequate motor power and positive power transmission from drive to spindle. The power required depends on the wheel diameter and the cross-section being cut.
2. The feed speed must be adequately rated in order to permit efficient cutting of cold material up to 7.9"/sec. and red hot material up to 13.8"/sec.
3. The work holding device must ensure rigid clamping of workpiece.
4. A dust and fume extractor must be present and functioning.
5. Wheels and belts must be well guarded.

There are a number of well designed cut-off machines on the market, from manually operated swing frame cut-off machines (free hand cutting operation) to remote controlled machines with automatic bar feed and all functional parts totally enclosed.

PFERD has completed extensive research on stationary wheels, machines and applications. Our technical support staff is available for assistance in overcoming problems.

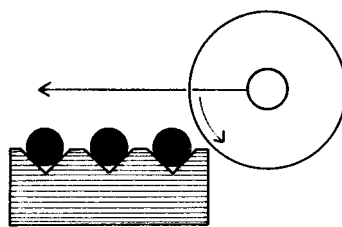
Additional wheel types, diameters and arbor sizes may be available by special arrangement.

Cut-off process



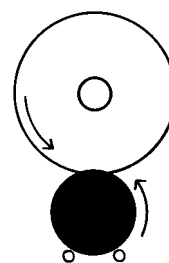
Chop stroke

Wheel advances into the workpiece in the radial direction.



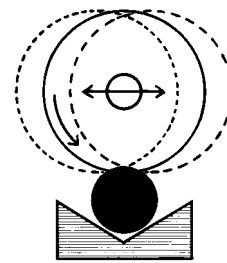
Horizontal

Wheel advances into the workpiece in the tangential direction.



Rotary

(e.g., in cutting of pipes).



Oscillation

(Wheel center performs an additional horizontal movement as the wheel advances radially).



General Purpose A-PS



Cut-off wheels for use on structural steel, bar stock, tubing and non-ferrous metals on stationary machines with low power.

A: Aluminum Oxide
PS: Fast cutting action with good life

Dia. x Thickness (Inches)	Max. RPM	Pferd Number	Arbor and EDP No.		
			1"	1-1/4"	1-1/2"
Aluminum Oxide					
12 x 1/8	5,100	80 T 300-3 A 24 PS	66002	–	–
14 x 1/8	4,400	80 T 350-3 A 24 PS	66003	–	–
16 x 1/8	3,800	80 T 400-4 A 24 PS	66004	–	–
20 x 1/8	3,100	80 T 500-4 A 24 PS	66005	66006	66007

Premium Performance A-SG



Premium wheels for cutting all ferrous and non-ferrous metals on stationary machines with high power. The wheels rated at 80 m/sec. peripheral speed (EDP 66115-66134) work most efficiently with 1 horsepower per inch of wheel diameter. If the horsepower or RPM exceeds this rating, the 100 m/sec. wheels should be used.

A: Aluminum Oxide
SG: Fast stock removal and long service life

Dia. x Thickness (Inches)	Max. RPM	Pferd Number	Arbor and EDP No.				
			5/8"	1"	1-1/4"	1-1/2"	2-3/8"
Aluminum Oxide							
10 x 3/32	6,100	80 T 250-2 A 36 SG	–	66114	–	–	–
12 x 1/8	5,100	80 T 300-3 A 24 SG	–	66115	–	–	–
14 x 1/8	4,400	80 T 350-3 A 24 SG	–	66116	–	–	–
16 x 5/32	3,800	80 T 400-4 A 24 SG	–	66117	–	–	–
20 x 3/16	3,100	80 T 500-5 A 24 SG	–	66123	66124	66125	–
24 x 3/16	2,550	80 T 600-6 A 24 SG	–	66126	66127	66128	–
26 x 3/16	2,550	80 T 660-5 A 24 SG	–	66132	66133	66134	–
Aluminum Oxide – High Speed							
10 x 1/8	7,600	100 T 250-3 A 24 SG	66009	66010	–	–	–
12 x 1/8	6,400	100 T 300-3 A 24 SG	–	66011	–	–	–
14 x 1/8	5,500	100 T 350-3 A 24 SG	–	66012	–	–	–
16 x 5/32	4,800	100 T 400-4 A 24 SG	–	66013	66014	66015	–
18 x 3/16	4,200	100 T 450-4 A 24 SG	–	66016	–	–	–
20 x 3/16	3,800	100 T 500-5 A 24 SG	–	66019	66020	66021	–
24 x 3/16	3,200	100 T 600-6 A 24 SG	–	66022	66024	66026	–
24 x 1/4	3,200	100 T 600-6 A 24 SG	–	–	–	–	66027

Stationary Cut-Off Wheels

Ferrous and Non-Ferrous, Masonry



Superior Performance ZA-SG



PFERD cut-off wheels for use on nodular or grey cast iron, including austenitic grades.

ZA: Mixed abrasive grain
Zirconia alumina/Aluminum Oxide
SG: Fast stock removal and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	Arbor and EDP No.	
			1"	2-3/8"
Zirconium				
20 x 3/16	3,800	100 T 500-5 ZA 24 SG	66045	–
24 x 1/4	3,200	100 T 600-6 ZA 24 SG	–	66050

(Bushings listed on page 144.)

Masonry C-SG



Cut-off wheels for use on stone, titanium and plastics using stationary cut-off machines and concrete joint cutters.

C: Silicon Carbide
SG: Fast stock removal and long service life

Dia. x Thickness (Inches)	Max. RPM	PFERD Number	Arbor and EDP No.	
			5/8"	1"
Silicon Carbide				
10 x 1/8	6,100	80 T 250-2 C 24 SG	66102	66103
12 x 1/8	5,100	80 T 300-3 C 16 SG	–	66104
14 x 1/8	4,400	80 T 350-3 C 16 SG	–	66105
16 x 5/32	3,800	80 T 400-4 C 16 SG	–	66108
18 x 3/16	4,200	80 T 450-5 C 16 SG	–	66110
20 x 3/16	3,100	80 T 500-5 C 16 SG	–	66111



PFERD

