



Air grinders are the "top speed" machines amongst the drives. They achieve higher rotational speed than electric or flexible shaft drives. Measured against their small size, they have a high power output. The robust and resistant slide vane and turbine motors have a long service life and are very easy to service.

Areas of application

Air grinders are very versatile. They are used economically and reliably in series production and assembly lines, especially in medium- and large-sized companies that have a compressed air network.

Criteria for selecting the optimum air grinder

The most important prerequisite for cost-effective work is the selection of the optimum tool. The appropriate drive is selected taking the following criteria into consideration:

1. Design, shape and size

Every type of application places specific demands on the shape and size of the tool drive. The different designs can be used for various applications: The ideal drive should be selected for the task at hand, depending on the dimensions, accessibility, type and frequency of the application.

2. Rotational speed

The drive should always be selected according to the rotational speed and cutting speed recommendations for the tool. Please refer to Catalogues 202–208 for these recommendations.

PFERD product range

PFERD offers straight, angle and belt grinders, as well as special drives. PFERD air grinders are technically up to date and incorporate the latest ergonomic findings and requirements. They have been developed especially for the economic application of grinding and milling tools and cover a wide rotational speed range (3,500–100,000 RPM) and power range (75–1,000 Watts).

Advantages

- Compact, ergonomic design
- Low weight
- Technically tried and tested
- High power compared to weight
- Versatile use
- Fixed rotational speeds
- No risk of overloading, can be loaded up to machine standstill
- Housing insulated against cold and vibration
- Low maintenance
- Easy to service
- Economical

Operates with or without oil

Turbine and air grinders are marked with the following symbols:

	Use only without oil.
	Can be used with or without oil.
	Use only with oil.

Advantages of oil-free compressed air

- Protects both people's health, the environment and the workplace
- Reduces operating costs, because oil and fittings can be dispensed with
- Avoids oily deposits on the workpiece

Recommendations and prerequisites for the cost-effective use of air grinders

1. Air pressure

The drive should be operated at an air pressure of 6–6.3 bar. A sufficient flow rate must always be ensured. Over-pressure leads to premature and higher levels of wear.

2. Air consumption

All data in this catalogue refers to air consumption in cubic metres per minute [m³/min]. This is the volume of the air when expanded to atmospheric pressure. Unless otherwise indicated, the air consumption figures stated are always for a pressure of 6 bar and the maximum consumption of the drive in question. Non-regulated air grinders have the highest consumption at idling speed. Centrifugal-force controlled air grinders have their highest air consumption under full load.

3. Rotational speed

Rotational speed data are stated in revolutions per minute [RPM] and refer to the idling speed at a pressure of 6 bar. In the case of non-regulated drives, the rotational speed under full load is approximately 50 % of the idling speed. In the case of centrifugal force-controlled drives, the speed under full load is approximately 80 to 90 % of the idling speed.

4. Oil mist lubrication

Adequate oil mist lubrication, when relevant, is of crucial importance for optimum machine

operation (oil viscosity at 40° C according to ISO VG 22–32 mm²/s (cSt)). For special lubricating oil, see page 110.

5. Drives for oil-free compressed air operation

Drives marked oil-free can be used without oil mist lubrication. Drives which can operate with or without oil have a minimal reduction in rotational speed and power output when used without oil.

6. Maintenance unit

It is recommended to install a complete maintenance unit consisting of dirt filter 5 µm, pressure reducer and lubricator. The maintenance unit should be located no more than approximately 5 m from the tool drive. The size of the filter pores should be 3–5 µm. If the compressed air is humid, air grinders should not be operated without oil.

7. In-line fine filter

To ensure trouble-free machine operation, particularly with frequent connection and disconnection, we recommend the use of the appropriate in-line fine filter, filter size 5 µm.

8. Air supply hose

The supply hose must have an inner diameter that at least corresponds to those stated for the drives and if possible be ≤ 5 mm.

9. Fittings

Always use additional fittings such as hose nozzles, self-closing valve couplings etc. with the largest possible inner diameter. It is advisable not to use more than one valve coupling to prevent pressure losses.

10. Noise level

Air tool operators must always wear hearing protection as the process noise emission exceeds 85 dB(A) in many applications, even though the idling noise of the air grinders is low.

For hearing protection, see page 112.

11. Vibrations

PFERD air grinders meet the requirements of the EC Machinery Directive regarding vibrations from hand-held or hand-guided machines. This is achieved through:

- Precise concentricity
 - Vibration-damping intermediate layers
 - Vibration-insulated housings
- For protective gloves, see page 112

12. Maintenance and safety

- We recommend:
- Maintenance of the drives at regular intervals
 - Wearing personal protective equipment (see pages 111–112)



Use only without oil.

Highest rotational speed
No oil residues on the workpiece
In-line fine filter recommended

Accessories included:
2 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG), 3 mm collet, 2 keys

PGT 1/1000 Rotational speed: 100,000 RPM / Output: 75 watts

Description	EAN	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGT 1/1000	4007220	front	ring	0.17	1	5	0.240

Collets

Group	For shank dia.		
	2.34 mm	3 mm	1/8 inch
	EAN 4007220		
1	196342	196359	196366

For dimensions see pages 106–107.

Keys

Description	EAN
EM SW 7 mm	4007220
EM SW 7 mm	592885

Connecting set

Description	EAN
AS 1	351109

See page 56.

In-line fine filter

Description	EAN
SF 24 STG-IG 1/4	4007220
SF 24 STG-IG 1/4	953259

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burrs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. up to 8 mm Width ≤ 13 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GHR Dia. up to 4 mm LR, TX Dia. up to 6 mm	Diamond grinding points Dia. up to 3.5 mm Shank dia. 3 mm CBN grinding points Dia. up to 4.5 mm Shank dia. 3 mm

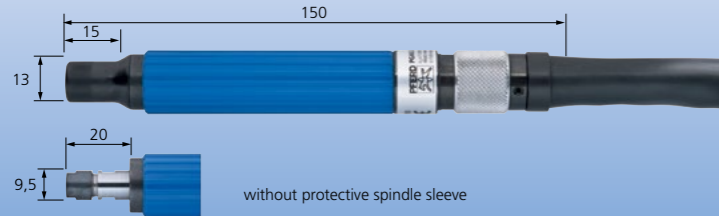
*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





PGAS 2/800 E Rotational speed: 80,000 RPM / Output: 110 watts



Oil Use only with oil, 1 to 1.5 drops per minute.

- Elastic remounted spindles
- Low vibration use
- Detachable spindle sleeve
- In-line fine filter recommended

Accessories included:
1 m exhaust hose and 2 m air supply hose without nozzle, 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 2/800 E	832479	rear	ring	0.29–0.31	1	5	0.208

Collets

Group	For shank dia.		
	2.34 mm	3 mm	1/8 inch
EAN 4007220			
1	196342	196359	196366

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 8 mm G	206867

Connecting set

Description	EAN 4007220
AS 1	351109

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG T5	957103

See page 56.

Suitable PFERD tools

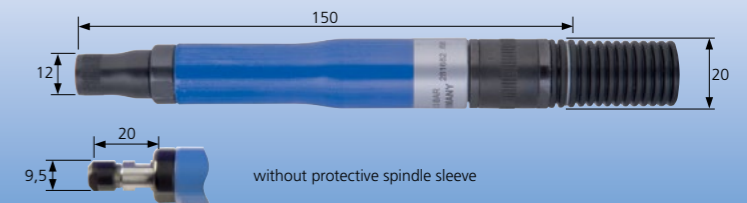
Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. up to 6 mm Width ≤ 13 mm Dia. up to 10 mm Width ≤ 10 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GHR Dia. up to 4 mm LR, TX Dia. up to 6 mm	Diamond grinding points Dia. up to 4.5 mm Shank dia. 3 mm CBN grinding points Dia. up to 5.5 mm Shank dia. 3 mm

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



PGAS 1/750 Rotational speed: 75,000 RPM / Output: 110 watts



Oil Use only with oil, 1 drop per minute.

- Detachable spindle sleeve
- In-line fine filter recommended

Accessories included:
0.6 m exhaust hose and 2 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG), 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 1/750	507803	rear	ring	0.20	1	5	0.150

Collets

Group	For shank dia.		
	2.34 mm	3 mm	1/8 inch
EAN 4007220			
1	196342	196359	196366

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 7 mm	592885

Connecting set

Description	EAN 4007220
AS 1	351109

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-IG 1/4	953259

See page 56.

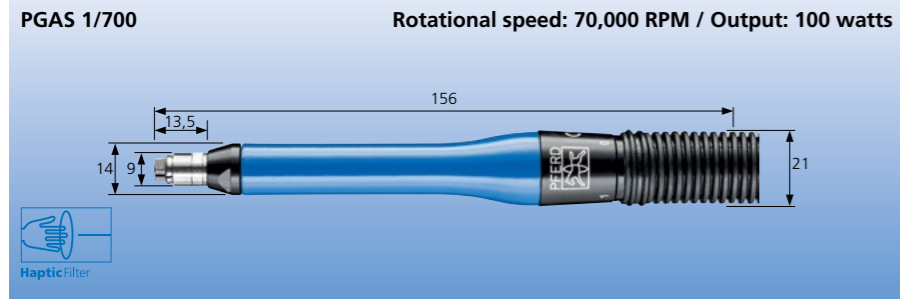
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. up to 8 mm Width ≤ 13 mm Dia. up to 10 mm Width ≤ 2 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GHR Dia. up to 4 mm LR, TX Dia. up to 6 mm	Diamond grinding points Dia. up to 4.5 mm Shank dia. 3 mm CBN grinding points Dia. up to 6.0 mm Shank dia. 3 mm

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Oil Use only with oil, 1 drop per minute.

Particularly slim
Light and easy to handle
In-line fine filter recommended

Accessories included:
0.75 m exhaust hose and 2 m air supply hose with threaded quick coupling (STG), 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 1/700	948873	rear	ring	0.20	15	5	0.100

Collets

Group	For shank dia.			Description	EAN 4007220
	3 mm	3/32 inch	1/8 inch		
15	851814	851838	851821	DM SW 6/8 mm	851791

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 1	351109

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG T5	957103

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burrs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. up to 8 mm Width ≤ 13 mm Dia. up to 13 mm Width ≤ 3 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GHR Dia. up to 4 mm LR, TX Dia. up to 6 mm	Diamond grinding points Dia. up to 5.0 mm Shank dia. 3 mm CBN grinding points Dia. up to 5.5 mm Shank dia. 3 mm

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Can be used with or without oil, 1 to 5 drops per minute.

With or without oil – no speed difference at the same power, no oil residues on the workpiece
Highest power output in the indicated rotational speed range
Centrifugal governor gives rotational speed stability
Tools with shank diameter 6 mm / 1/4" can also be used
In-line fine filter recommended

Accessories included:
0.75 m exhaust hose and 2 m air supply hose without nozzle, 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGTA 3/700	373248	rear	push-pull	0.25–0.80	4	8	0.390

Collets

Group	For shank dia.			
	3 mm	6 mm	1/8 inch	1/4 inch
4	349311	349298	349328	349304

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

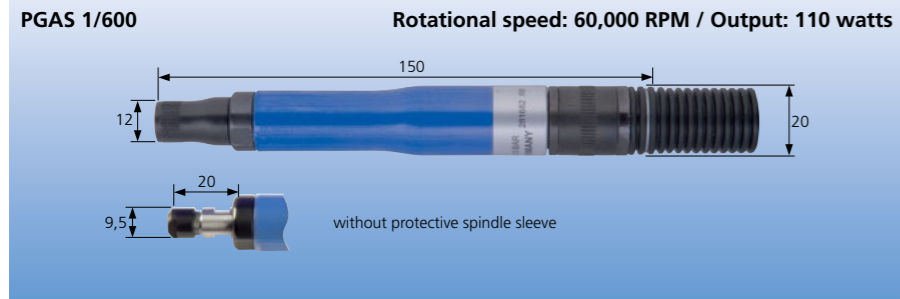
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burrs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. up to 8 mm Width ≤ 13 mm Dia. up to 13 mm Width ≤ 3 mm Shank dia. 3 mm Dia. up to 10 mm Width ≤ 25 mm Dia. up to 13 mm Width ≤ 20 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GHR Dia. up to 4 mm LR, TX Dia. up to 6 mm	Diamond grinding points Dia. up to 5.0 mm for CRP/GRP Dia. up to 10.0 mm Shank dia. 3 + 6 mm CBN grinding points Dia. up to 7.0 mm Shank dia. 3 + 6 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 1 drop per minute.

Detachable protective spindle sleeve
In-line fine filter recommended

Accessories included:
0.6 m exhaust hose and 2 m air supply hose with male threaded connection 1/4" and threaded quick coupling (STG), 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 1/600	507780	rear	ring	0.20	1	5	0.150

Collets		Keys		Connecting set		
	Group		Description		Description	
	For shank dia.		EAN		EAN	
	2.34 mm		3 mm		1/8 inch	AS 1
EAN 4007220		592885		351109		
1	196342	196359	196366	See page 56.		

In-line fine filter

Description	EAN
SF 24 STG-IG 1/4	953259

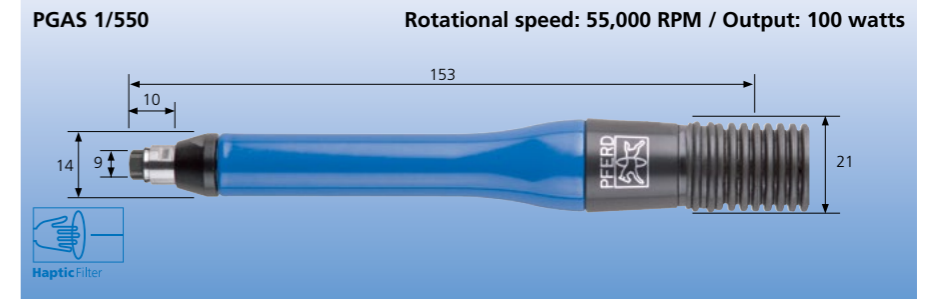
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burrs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 6 mm Dia. up to 8 mm Width ≤ 16 mm Dia. up to 13 mm Width ≤ 3 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GR Dia. up to 4 mm GHR, LR, TX Dia. up to 8 mm LHR Dia. up to 10 mm	Diamond grinding points Dia. 3.0 to 5.5 mm Shank dia. 3 mm CBN grinding points Dia. 5.0 to 5.5 mm Shank dia. 3 mm

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 1 drop per minute.

Very slim drive housing
Light and easy to handle
In-line fine filter recommended

Accessories included:
0.75 m exhaust hose and 2 m air supply hose with threaded quick coupling (STG), 3 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 1/550	896600	rear	ring	0.12	15	5	0.101

Collets		Keys		
	Group		Description	
	For shank dia.		EAN	
	3 mm		3/32 inch	1/8 inch
EAN 4007220		851791		
15	851814	851838	851821	

For dimensions see pages 106–107.

Connecting set

Description	EAN
AS 1	351109

See page 56.

In-line fine filter

Description	EAN
SF 24 STG T5	957103

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burrs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 8 mm Dia. up to 10 mm Width ≤ 16 mm Dia. up to 16 mm Width ≤ 4 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GR Dia. up to 4 mm GHR, LR, TX Dia. up to 6 mm LHR Dia. up to 8 mm GHR, LR, TX, LHR Dia. up to 10 mm	Diamond grinding points Dia. 2.8 to 5.5 mm Shank dia. 3 mm CBN grinding points Dia. up to 5.5 mm Shank dia. 3 mm

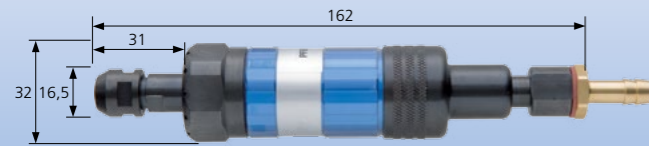
*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





PG 3/500 S
PGAS 3/500 HV Rotational speed: 50,000 RPM / Output: 200 watts



Use only with oil, 3 drops per minute.

Light and easy to handle
In-line fine filter recommended (for PG 3/500 S please use SF 24 STG-T8 and for PGAS 3/500 HV use SF 24 STG-IG 1/4)

Accessories included:
PG 3/500 S
6 mm collet, 2 keys, hose nozzle

PGAS 3/500 HV
1 m exhaust hose and 3 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG), 6 mm collet, 2 keys.



Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 3/500 S	286326	front	push-pull	0.45	5	8	0.370
PGAS 3/500 HV	286333	rear	lever	0.45	5	8	0.460

Collets

Group	For shank dia.	
	3 mm, 1/8 inch	6 mm
EAN 4007220		
5	299944	299951

Keys

Description	EAN 4007220
EM SW 7/16"	300480
EM SW 9/16"	186831

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-IG 1/4	953259
SF 24 STG-T8	809020

See page 56.

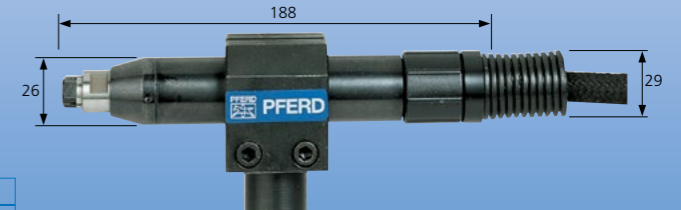
Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm HSS rotary cutters Special cuts Dia. up to 1.6 mm Shank dia. 3 mm	Mounted points Dia. 8 mm Dia. up to 10 mm Width ≤ 16 mm Dia. up to 16 mm Width ≤ 4 mm Shank dia. 3 mm Dia. 10 mm Dia. up to 16 mm Width ≤ 32 mm	Poliflex® fine grinding points Shank dia. 3 + 6 mm Bonds: GR Dia. up to 4 mm GHR, LR, TX Dia. up to 10 mm LHR Dia. up to 15 mm Abrasive spiral bands and rubber drum holders Dia. up to 8 mm	Diamond grinding points Dia. 3.5 to 7.0 mm Shank dia. 3 + 6 mm CBN grinding points Dia. 6.0 to 9.0 mm Shank dia. 3 + 6 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



PGAS 3/440 DH
PGZA 3/440 SU
PGZA 3/440 Rotational speed: 44,000 RPM / Output: 220 watts



Use only with oil, 2 drops per minute.

PGAS 3/440 DH
Smallest and lightest straight grinder of this output category
Ergonomic grip for optimum power transmission, particularly in axial direction.

PGZ 3/440 SU with support
PGZ 3/440 without support
With reinforced drive housing for attachment of the straight grinder in stationary use
Drive with elastically mounted spindle for robot applications, available on request.

Accessories included:
0.75 m exhaust hose and 2 m air supply hose without nozzle, 6 mm collet, 2 keys

PFERDERGONOMICS®:
PGAS 3/440 DH



Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 3/440 DH	176603	rear	ring/lever	0.35	6	8	0.340
PGZA 3/440 SU	348437	rear	ring	0.35	6	8	1.420
PGZA 3/440	176580	rear	ring	0.35	6	8	0.450

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

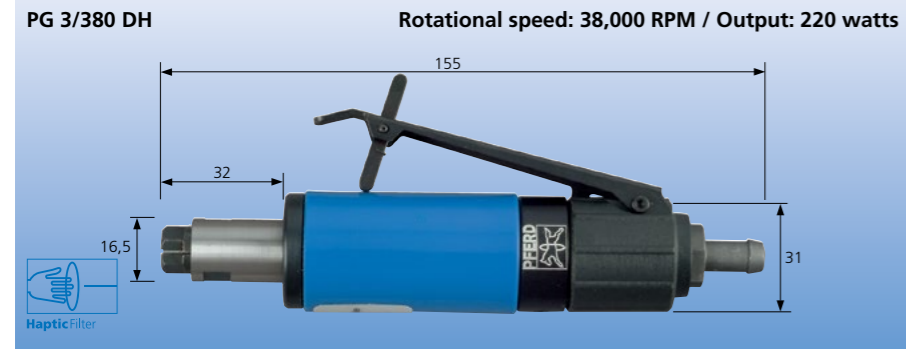
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 204*	Catalogue 206
TC burs Cut 3 PLUS, 4, 5, ALU, INOX, MICRO Dia. up to 4 mm HSS rotary cutters Special cuts Dia. up to 2.3 mm	Mounted points Dia. 10 mm Dia. up to 13 mm Width ≤ 13 mm Dia. up to 20 mm Width ≤ 6 mm Shank dia. 3 mm Dia. 10 mm Dia. up to 16 mm Width ≤ 32 mm Dia. up to 20 mm Width ≤ 25 mm	Poliflex® fine grinding points Shank dia. 3 + 6 mm Bonds: GR Dia. up to 6 mm GHR Dia. up to 15 mm LR Dia. up to 12 mm TX Dia. up to 10 mm LHR Dia. up to 20 mm	Abrasive spiral bands and rubber drum holders Dia. up to 13 mm Catalogue 205 Diamond grinding points Dia. 3.5 to 8.0 mm Shank dia. 3 + 6 mm CBN grinding points Dia. 7.0 to 10.0 mm Shank dia. 3 + 6 mm	Cut-off wheels EHT Dia. 30 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 2 drops per minute.

Easy to handle and to guide
In-line fine filter recommended

Accessories included:
Hose connection nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 3/380 DH	176627	front	ring/lever	0.35	6	8	0.310

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

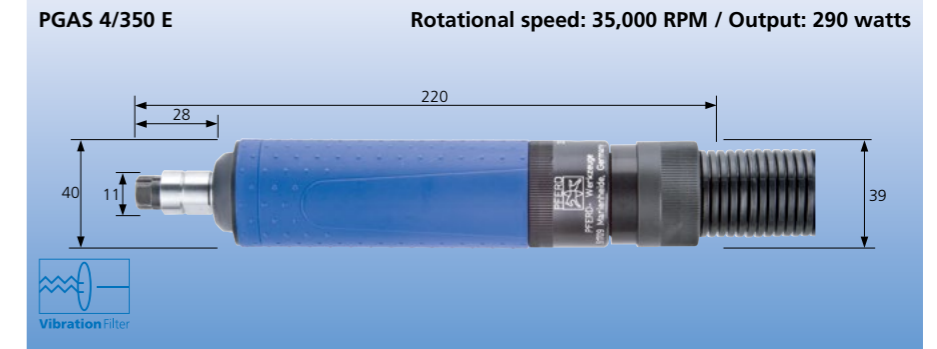
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, MICRO, FVK, FVKS, PLAST Dia. 4 to 6 mm	Mounted points Dia. 10 mm Dia. up to 13 mm Width ≤ 13 mm Dia. 20 mm Width ≤ 6 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 + 6 mm Bonds: GR Dia. up to 6 mm GHR, LR, TX Dia. up to 15 mm LHR Dia. up to 20 mm	Diamond grinding points Dia. 4.0 to 9.0 mm Shank dia. 3 + 6 mm CBN grinding points Dia. 8.0 to 13.0 mm Shank dia. 3 + 6 mm	Cut-off wheels EHT Dia. 40 mm
HSS rotary cutters Special cuts Dia. up to 2.3 mm	Dia. 10 mm Dia. up to 16 mm Width ≤ 40 mm Dia. 20 mm Width ≤ 32 mm	Abrasive spiral bands and rubber drum holders Dia. up to 15 mm		

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 2 drops per minute.

Elastically mounted spindle guarantees longer tool life for TC burrs
Low vibration use
In-line fine filter recommended

Accessories included:
1 m exhaust hose and 2.5 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG), 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 4/350 E	896693	rear	ring	0.45	6	8	0.500

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, MICRO, FVK, FVKS, PLAST Dia. 4 to 6 mm	Mounted points Dia. 20 mm Dia. up to 25 mm Width ≤ 6 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 + 6 mm Bonds: GR, PUR Dia. up to 8 mm GHR, LR, TX Dia. up to 16 mm LHR Dia. up to 20 mm	Diamond grinding points Dia. 4.5 to 10.0 mm Shank dia. 3 + 6 mm CBN grinding points Dia. 8.0 to 14.0 mm Shank dia. 3 + 6 mm	Cut-off wheels EHT Dia. 40 mm
HSS rotary cutters Special cuts Dia. up to 2.3 mm	Dia. 13 mm Dia. 16 mm Width ≤ 40 mm Dia. up to 25 mm Width ≤ 25 mm	Abrasive spiral bands and rubber drum holders Dia. up to 15 mm		

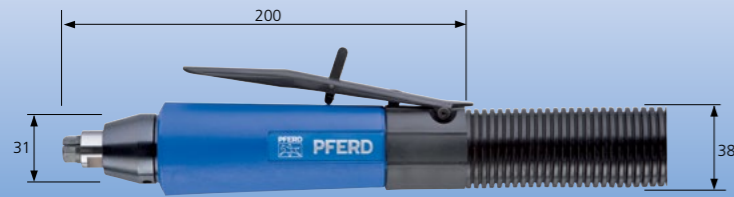
If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





PGAS 5/280 HV Rotational speed: 28,000 RPM / Output: 370 watts



Oil Use only with oil, 3 to 4 drops per minute.

Compact design
In-line fine filter recommended
Frequency damper on request

Accessories included:
0.75 m exhaust hose and 2 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 5/280 HV	176733	rear	lever	0.60	6	8	0.620

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, MICRO Dia. 4 to 6 mm Cut 1, ALU, FVK, FVKS, PLAST Dia. 6 to 12 mm HSS rotary cutters Special cuts Dia. 3.2 mm	Mounted points Dia. 20 mm Dia. up to 25 mm Width ≤ 16 mm Shank dia. 3 mm Dia. 13 mm Dia. up to 28 mm Width ≤ 40 mm Dia. up to 32 mm Width ≤ 20 mm Dia. 32 mm Width ≤ 40 mm Shank dia. 8 mm	Poliflex® fine grinding points Shank dia. 3 + 6 mm Bonds: GR, PUR Dia. up to 10 mm GHR, LR, TX, LHR Dia. up to 20 mm Abrasive spiral bands and rubber drum holders Dia. up to 19 mm POLICAP® Dia. up to 7 mm Shank dia. 3 + 6 mm Mounted flap wheels Dia. up to 20 mm Shank dia. 3 + 6 mm POLINOX® unitized wheels PNER Dia. 25 mm	Diamond grinding points Dia. 5.5 to 12.0 mm CBN grinding points Dia. 10.0 to 15.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 30 mm matching arbor BO 6/6 3-10

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.

PG 3/250 S Rotational speed: 25,000 RPM / Output: 225 watts



Oil Use only with oil, 1 to 3 drops per minute.

Compact design
Light and easy to handle
In-line fine filter recommended

Accessories included:
Hose nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 3/250 S	286340	front	push-pull	0.21–0.49	5	8	0.370

Collets

Group	For shank dia.	
	3 mm, 1/8 inch	6 mm
EAN 4007220		
5	299944	299951

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 7/16"	300480
EM SW 9/16"	186831

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Suitable PFERD tools

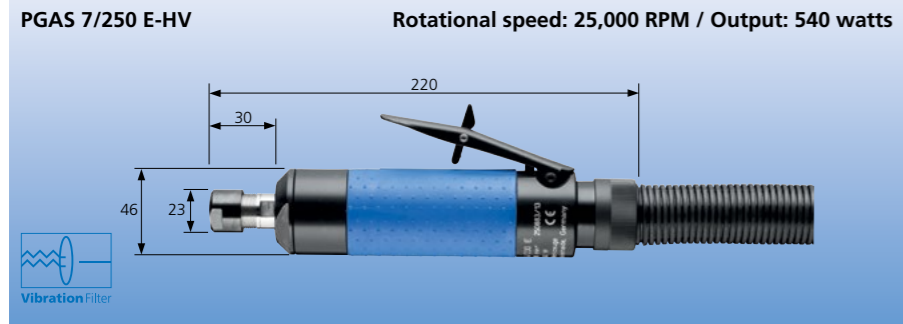
Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, MICRO Dia. 4 to 6 mm Cut FVK, FVKS, PLAST Dia. 8 mm HSS rotary cutters Cut 3, special cuts Dia. up to 4 mm	Mounted points Dia. 25 mm Width ≤ 6 mm Shank dia. 3 mm Dia. 13 mm Dia. up to 20 mm Width ≤ 50 mm Dia. up to 25 mm Width ≤ 40 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 10 mm GHR, LR, TX, LHR Dia. up to 25 mm Abrasive spiral bands and rubber drum holders Dia. up to 22 mm POLICAP® Dia. up to 10 mm Shank dia. 3 + 6 mm Mounted flap wheels Dia. up to 15 mm Shank dia. 3 + 6 mm POLINOX® unitized wheels PNER Dia. 25 mm Felt points Dia. up to 6 mm	Diamond grinding points Dia. 6.0 to 12.0 mm CBN grinding points Dia. 12.0 to 18.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbor BO 6/10 3	Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 30 mm matching arbor BO 6/6 3-10

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Rotational speed: 25,000 RPM / Output: 540 watts

Oil Use only with oil, 4 to 5 drops per minute.

Elastically mounted spindle
Low vibration use
In-line fine filter recommended

Accessories included:
1 m exhaust hose and 2.5 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG), 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 7/250 E-HV	948880	rear	lever	0.72	16	8	0.870

Collets

Group	For shank dia.			
	6 mm	8 mm	10 mm	1/4 inch
EAN 4007220				
16	956984	957004	957028	957035

Keys

Description	EAN 4007220
EM SW 17 mm	204542
EM SW 20 mm	957059

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

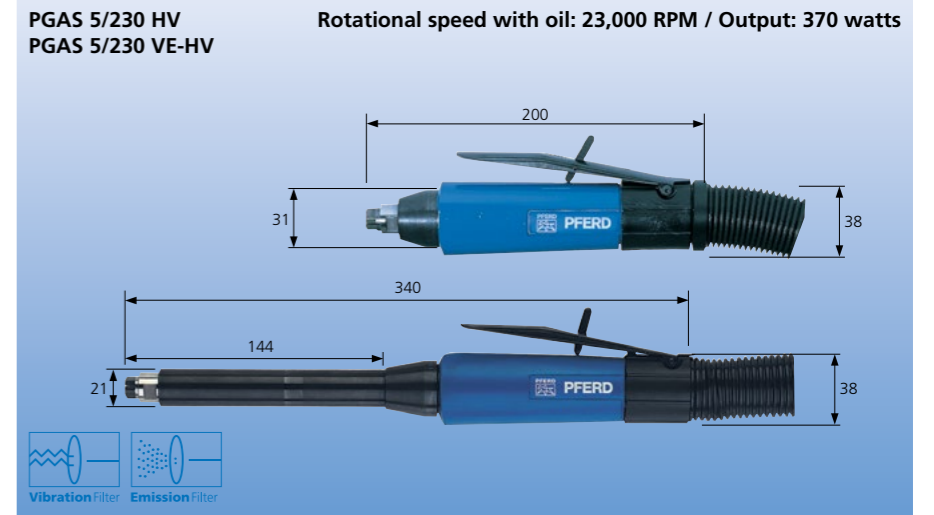
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, MICRO Dia. 6 mm Cut 1, ALU, FVK, FVKS, PLAST Dia. 8 to 12 mm HSS rotary cutters Cut 3, special cuts Dia. up to 4 mm	Mounted points Dia. 25 mm Width ≤ 6 mm Shank dia. 3 mm Dia. 13 mm Dia. up to 20 mm Width ≤ 50 mm Dia. up to 32 mm Width ≤ 32 mm Dia. 32 mm Width ≤ 40 mm Shank dia. 8 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 10 mm GHR, LR, TX, LHR Dia. up to 20 mm Abrasive spiral bands and rubber drum holders Dia. up to 22 mm Mounted flap wheels Dia. up to 15 mm Shank dia. 3 + 6 mm POLICAP® Dia. up to 10 mm POLINOX® unitized wheels PNER Dia. 25 mm Felt points Dia. up to 6 mm	Diamond grinding points Dia. 6.0 to 12.0 mm CBN grinding points Dia. 12.0 to 18.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 30 mm matching arbor BO 6/6 3-10

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Rotational speed with oil: 23,000 RPM / Output: 370 watts

Oil **No Oil** Can be used with or without oil, 3 to 4 drops per minute.

Without oil: 18,000 RPM, power output 340 W, no oil residues on the workpiece
In-line fine filter recommended
Frequency damper on request

PGAS 5/230 HV
Compact design

PGAS 5/230 VE-HV
Elastically mounted spindle

Accessories included:
0.75 m exhaust hose and 2 m air supply hose without nozzle, 6 mm collet, 2 keys

PFERDERGONOMICS®:
PGAS 5/230 VE-HV

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 5/230 HV	235294	rear	lever	0.63	6	8	0.620
PGAS 5/230 VE-HV	235300	rear	lever	0.63	6	8	0.840

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

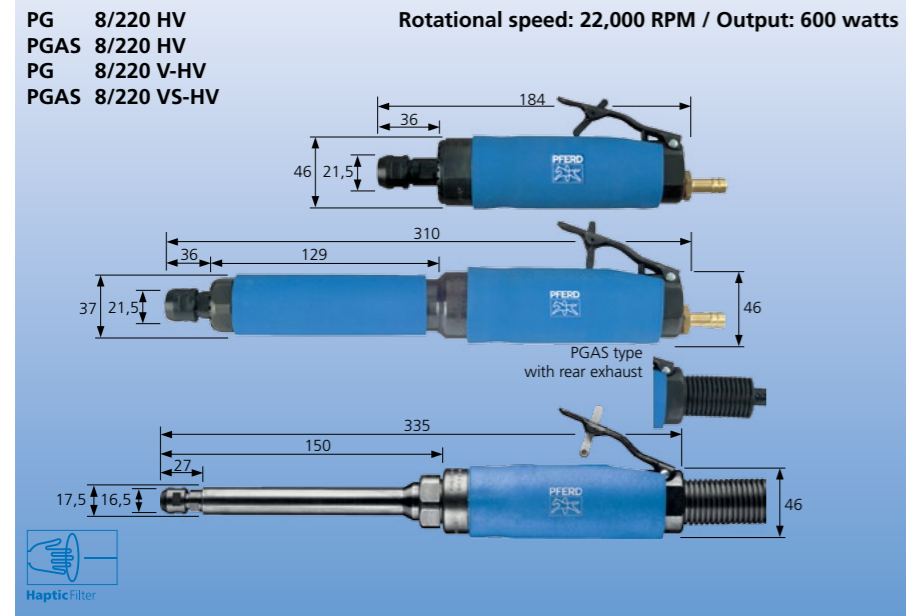
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 6 mm Cut 1, ALU, FVK, FVKS, PLAST Dia. 8 to 12 mm HSS rotary cutters Cut 3, special cuts Dia. up to 4 mm	Mounted points Dia. up to 32 mm Width ≤ 32 mm Dia. up to 40 mm Width ≤ 20 mm Dia. up to 32 mm Width ≤ 40 mm Shank dia. 8 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 12 mm GHR, LR, TX Dia. up to 20 mm LHR Dia. up to 30 mm Poliflex® fine grinding discs Bond: TX Dia. up to 25 mm Abrasive spiral bands and rubber drum holders Dia. up to 22 mm	Mounted flap wheels Dia. up to 20 mm POLICAP® Dia. up to 10 mm POLIROLL® Dia. up to 6 mm POLINOX® unitized wheels PNER Dia. 25 mm Felt points Dia. up to 8 mm	Diamond grinding points Dia. 7.0 to 15.0 mm CBN grinding points Dia. 12.0 to 20.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbors BO 6/10 3 BO 8/10 3

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 4 to 5 drops per minute.

In-line fine filter recommended
PG 8/220 HV, PGAS 8/220 HV
 (incl. EM SW 9/16", EM SW 3/4")
 Compact shape
PG 8/220 V-HV
 (incl. EM 9/16", EM 3/4")
 Alternative drive with counterclockwise rotation available
 Supported version available on request
PGAS 8/220 VS-HV
 (incl. EM SW 7/16", EM SW 9/16")
 Particularly slim drive extension.

Accessories included:
 1 m exhaust hose and 3 m air supply hose (PGAS type only) with 1/4" male threaded connection and threaded quick coupling (STG), 6 mm collet, 2 keys.

PFERDERGONOMICS®:
 PGAS 8/220 VS-HV

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 8/220 HV	450840	front	lever	0.85	7	9	0.950
PGAS 8/220 HV	286401	rear	lever	0.85	7	9	1.000
PG 8/220 V-HV	177167	front	lever	0.85	7	9	1.400
PGAS 8/220 VS-HV	836859	rear	lever	0.85	5	9	1.170

Collets

Group	For shank dia.			
	3 mm, 1/8 inch	6 mm	8 mm	1/4 inch
EAN 4007220				
5	299944	299951	-	606032
7	187074	186855	187050	187067

Keys

Description	EAN 4007220
EM SW 7/16"	300480
EM SW 9/16"	186831
EM SW 3/4"	186848

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

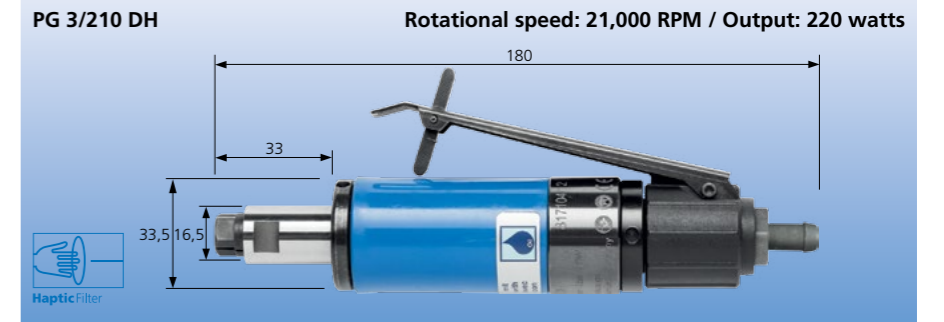
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 6 to 10 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 32 mm Dia. 40 mm Width ≤ 20 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 12 mm GHR, LR, TX, LHR Dia. up to 25 mm Poliflex®-Discs Bond: TX Dia. 25 mm Dia. 40 mm	Abrasive spiral bands/drum holder Dia. up to 22 mm POLICAP® Dia. up to 11 mm Mounted Flap wheels Dia. up to 20 mm POLINOX® unitized wheels PNER Dia. 25 mm Felt points Dia. up to 8 mm	Diamond grinding points Dia. 7.0 to 15.0 mm CBN grinding points Dia. 13.0 to 20.0 mm Diamond cut-off wheels Dia. 30 to 50 mm
Cut 1, ALU, FVK, FVKS, PLAST, EDGE Dia. 10 to 16 mm	Shank dia. 8 mm Dia. 32 mm Width ≤ 40 mm			Cut-off wheels EHT Dia. 50 mm with guard Dia. 65 mm Ring wheels ER Dia. 40 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 2 to 3 drops per minute.

Easy to handle and to guide
 With guide sleeve particularly suitable for use of TC burrs for work on edges

Accessories included:
 Connecting nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 3/210 DH	606315	front	ring/lever	0.48	6	8	0.430

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 11 mm	206812
EM SW 14 mm	206836

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

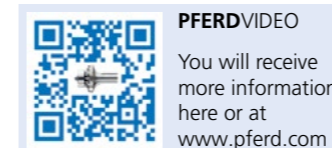
In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Guide sleeve

Description	EAN 4007220
EFH PG 3/210	948897



PFERDVIDEO
 You will receive more information here or at www.pferd.com



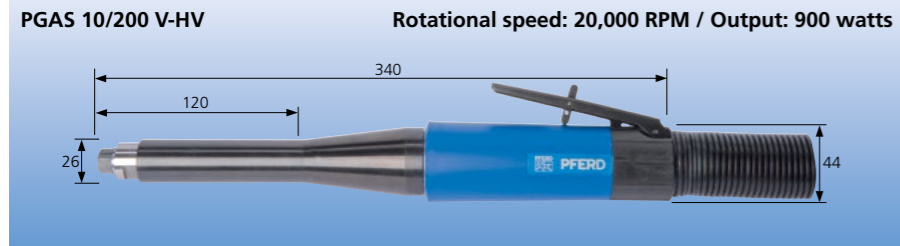
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, FVK, FVKS, PLAST Dia. 6 to 10 mm Cut EDGE Dia. 16 mm This drive is particularly well suited for use of TC burrs with EDGE cut. HSS rotary cutters Cut 3, special cuts Dia. up to 5 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 32 mm Dia. up to 40 mm Width ≤ 20 mm Shank dia. 8 mm Dia. 32 mm Width ≤ 40 mm Catalogue 204* Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 15 mm GHR, LR, TX, LHR Dia. up to 25 mm	POLIROLL® Dia. up to 6 mm Poliflex® fine grinding discs Bond: TX Dia. 25 mm Abrasive spiral bands and rubber drum holders Dia. up to 25 mm POLICAP® Dia. up to 10 mm Mounted flap wheels Dia. up to 20 mm Felt points Dia. up to 8 mm	Diamond grinding points Dia. 7.0 to 15.0 mm CBN grinding points Dia. 14.0 to 20.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 40 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Oil Use only with oil, 6 to 7 drops per minute.

High power delivery
In-line fine filter recommended

Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 10/200 V-HV	776889	rear	lever	1.20	8	9	1.600

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 17 mm	204542

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

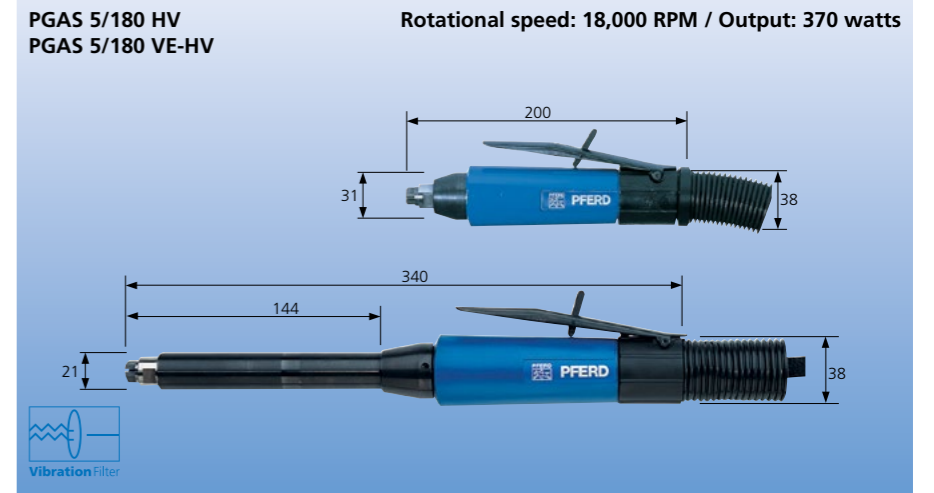
See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 6 to 10 mm Cut 1, ALU, FVK, FVKS, PLAST, EDGE Dia. 10 to 16 mm HSS rotary cutters Cut 3, special cuts Dia. up to 5 mm	Mounted points Dia. up to 40 mm Width ≤ 50 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 12 mm GHR, LR, TX, LHR Dia. up to 25 mm POLIROLL® Dia. up to 6 mm Abrasive spiral bands and rubber drum holders Dia. up to 30 mm POLICAP® Dia. up to 10 mm Mounted flap wheels Dia. up to 20 mm POLINOX® unitized wheels PNER Dia. 25 mm Felt points Dia. up to 8 mm	Diamond grinding points Dia. 8.0 to 18.0 mm CBN grinding points Dia. 14.0 to 20.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 40 mm	Wheel brushes knotted RBG dia. 70 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Oil Use only with oil, 2 to 4 drops per minute.

Constant power delivery due to the centrifugal governor
In-line fine filter recommended
Frequency damper on request

PGAS 5/180 HV
Compact design

PGAS 5/180 VE-HV
Elastically mounted spindle

Accessories included:
0.75 m exhaust hose and 2 m air supply hose without nozzle, 6 mm collet, 2 keys

PFERDERGONOMICS®:
PGAS 5/180 VE-HV

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 5/180 HV	176719	rear	lever	0.30–0.60	6	8	0.620
PGAS 5/180 VE-HV	176726	rear	lever	0.30–0.60	6	8	0.840

Collets

Group	For shank dia.					
	3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch
EAN 4007220						
6	212875	212851	212936	234969	212882	212868

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Suitable PFERD tools

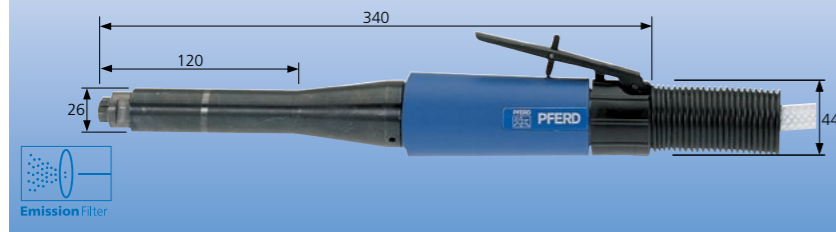
Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, FVK, FVKS, PLAST Dia. 8 to 12 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 2.3 to 6 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. up to 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 mm Dia. up to 50 mm Width ≤ 50 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 15 mm GHR, LR, TX, LHR Dia. up to 30 mm Poliflex® fine grinding discs Bond: TX Dia. 25 mm Abrasive spiral bands and rubber drum holders Dia. up to 30 mm	POLICAP® Dia. up to 13 mm POLINOX® cross buffs Dia. up to 25 mm Mounted flap wheels Dia. up to 40 mm POLISTAR Dia. 20 mm Felt points Dia. up to 10 mm	Diamond grinding points Dia. 8.0 to 18.0 mm CBN grinding points Dia. 18.0 to 20.0 mm Diamond cut-off wheels Dia. 40 to 50 mm matching arbors BO 6/10 3 BO 8/10 3

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



PGAS 9/180 V-HV Rotational speed with oil: 18,000 RPM / Output: 600 watts



Can be used with or without oil, 4 to 5 drops per minute.

Without oil: 15,000 RPM, power output 550 watts, no oil residues on the work-piece
High power delivery
In-line fine filter recommended
Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m ³ /min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 9/180 V-HV	319765	rear	lever	0.90	8	9	1.600

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 17 mm	204542

For dimensions see pages 106–107.

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDD 1016	348444	dia. 10 x 16

The arbor replaces the collet and is used for direct adaptation of tools with a centre hole dia. of 10 mm.

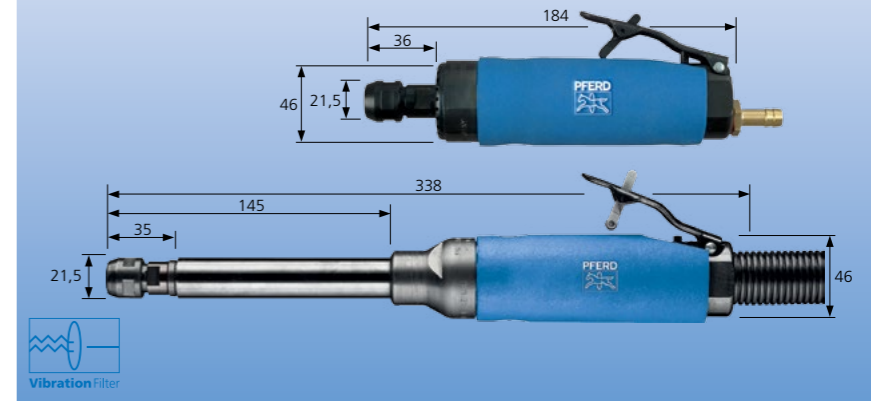
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, FVK, FVKS, PLAST Dia. 8 to 12 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. up to 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 mm Dia. up to 50 mm Width ≤ 50 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 15 mm GHR, LR, TX, LHR Dia. up to 30 mm Abrasive spiral bands and rubber drum holders Dia. up to 30 mm Mounted flap wheels Dia. up to 40 mm POLISTAR Dia. up to 20 mm Felt points Dia. up to 10 mm	Diamond grinding points Dia. 8.0 to 18.0 mm CBN grinding points Dia. 18.0 to 20.0 mm Diamond cut-off wheels Dia. 40 to 50 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4 Ring wheels ER Dia. 50 mm matching arbors BO 6/6 3-10 BO 8/10 6-20	End brushes crimped PBU dia. 10 to 12 mm knotted PBG dia. 19 mm PBG dia. 23 mm Wheel brushes crimped RBU dia. 20 to 30 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.

PG 8/160 HV
PGAS 8/160 VM-HV Rotational speed: 16,000 RPM / Output: 600 watts



Use only with oil, 2 to 5 drops per minute.

Constant power delivery due to the centrifugal governor
PG 8/160 HV
Compact shape
PGAS 8/160 VM-HV
Slim drive extension
In-line fine filter recommended
Accessories included:
1 m exhaust hose and 3 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG) (PGAS type only), 6 mm collet, 2 keys
PFERDERGONOMICS®:
PGAS 8/160 VM-HV

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m ³ /min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 8/160 HV	536339	front	lever	0.34–0.85	7	9	0.950
PGAS 8/160 VM-HV	843079	rear	lever	0.34–0.85	7	9	1.200

Collets

Group	For shank dia.			
	3 mm, 1/8 inch	6 mm	8 mm	1/4 inch
EAN 4007220				
7	187074	186855	187050	187067

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 9/16"	186831
EM SW 3/4"	186848

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

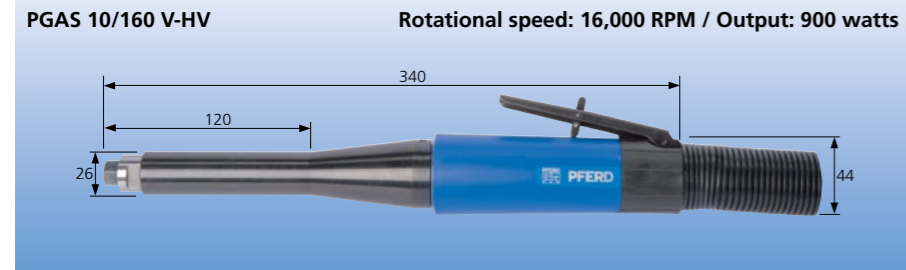
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 8 to 12 mm Cut 1, ALU, EDGE Dia. up to 16 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 2.3 to 6 mm	Mounted points Dia. 15 mm Dia. up to 32 mm Width ≤ 40 mm Dia. up to 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 mm Dia. up to 50 mm Width ≤ 50 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 15 mm GHR, LR, TX, LHR Dia. 12 to 30 mm Poliflex® fine grinding discs Bond: TX Dia. 25 mm Abrasive spiral bands and rubber drum holders Dia. up to 30 mm	POLICAP® Mounted flap wheels Dia. up to 29 mm POLINOX® cross buffs Dia. up to 25 mm POLIROLL® Dia. up to 16 mm POLISTAR Dia. up to 20 mm Felt points Dia. up to 10 mm	Diamond grinding points Dia. 10,0 to 20,0 mm CBN grinding points Dia. 18.0 to 20.0 mm Diamond cut-off wheels Dia. 22 mm Dia. 40 to 50 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Rotational speed: 16,000 RPM / Output: 900 watts

Oil Use only with oil, 6 to 7 drops per minute.

Constant power delivery due to the centrifugal governor
In-line fine filter recommended

Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 10/160 V-HV	777282	rear	lever	1.20	8	9	1.600

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 17 mm	204542

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDD 1016	348444	dia. 10 x 16

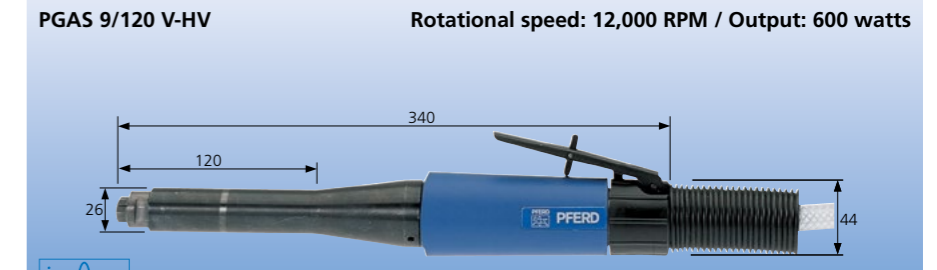
The arbor replaces the collet and is used for direct adaptation of tools with a centre hole dia. of 10 mm.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 8 to 12 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 15 mm GHR, LR, TX, LHR Dia. 12 to 30 mm	Diamond grinding points Dia. 10.0 to 20.0 mm	Cut-off wheels EHT Dia. 50 mm	Wheel brushes knotted RBG dia. 70 mm
Cut 1, ALU, EDGE Dia. up to 16 mm	Dia. up to 50 mm Width ≤ 25 mm	Abrasive spiral bands and rubber drum holders Dia. up to 30 mm	CBN grinding points Dia. 18.0 to 20.0 mm	matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4	
HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 2.3 to 6 mm	Shank dia. 8 mm Dia. 32 mm	POLICAP® Dia. up to 29 mm	Diamond cut-off wheels Dia. 40 to 50 mm	Ring wheels ER Dia. 50 mm	
	Dia. up to 50 mm Width ≤ 50 mm	Mounted flap wheels Dia. up to 25 mm	matching arbors BO 6/10 3 BO 8/10 3	matching arbor BO 6/6 3-10	
		POLISTAR Dia. up to 20 mm			
		Felt points Dia. up to 10 mm			

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Rotational speed: 12,000 RPM / Output: 600 watts

Oil Can be used with or without oil, 2 to 5 drops per minute.

With or without oil – no difference in rotational speed at the same power output, no oil residues on the workpiece
Constant rotational speed due to the centrifugal governor
In-line fine filter recommended

Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 9/120 V-HV	319758	rear	lever	0.40–0.90	8	9	1.600

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 17 mm	204542

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDD 1016	348444	dia. 10 x 16

The arbor replaces the collet and is used for direct adaptation of tools with a centre hole dia. of 10 mm.

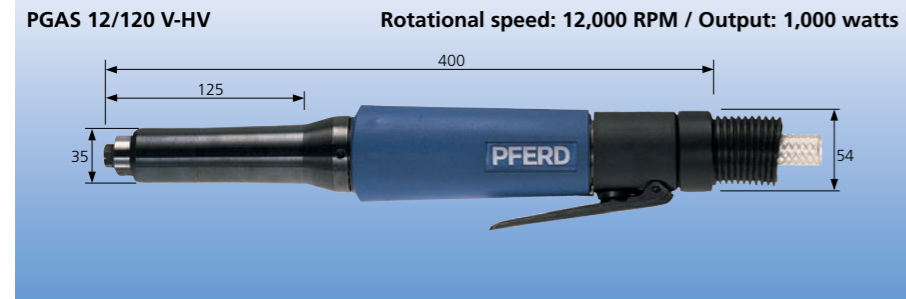
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 10 to 20 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm	Abrasive spiral bands and rubber drum holders Dia. up to 45 mm	Diamond grinding points Dia. 15.0 to 20.0 mm	Cut-off wheels EHT Dia. 50 mm	End brushes crimped PBU dia. 10 to 20 mm
Cut 1, ALU, FVK, FVKS, PLAST, EDGE Dia. up to 16 mm	Dia. up to 50 mm Width ≤ 25 mm	Mounted flap wheels Dia. up to 40 mm	Diamond cut-off wheels Dia. 50 mm	matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4	knotted PBG dia. 19 mm PBG dia. 23 mm
HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 3.2 to 8 mm	Shank dia. 8 mm Dia. 32 mm	POLINOX® unitized wheels PNER Dia. 50 mm	matching arbors BO 6/10 3 BO 8/10 3	Ring wheels ER Dia. 50 mm	Wheel brushes crimped RBU dia. 20 to 40 mm
	Dia. up to 50 mm Width ≤ 50 mm	POLIROLL® Dia. up to 12 mm		matching arbor BO 6/6 3-10	knotted RBG dia. 70 mm
		POLICAP® Dia. up to 16 mm			
		Felt points Dia. up to 15 mm			

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Rotational speed: 12,000 RPM / Output: 1,000 watts

Oil Use only with oil, 6 to 7 drops per minute.

Constant power delivery due to the centrifugal governor
Robust design
In-line fine filter recommended

Accessories included:
1.25 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 12/120 V-HV	177396	rear	lever	1.30	8	12	2.400

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 22 mm	206850

Connecting set

Description	EAN 4007220
AS 4	351130

See page 56.

In-line fine filter

Description	EAN 4007220
SF 30 STG 12-T12	809051

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDM 14 x 20 MF	179291	dia. 14/22.23 x 20

Guard

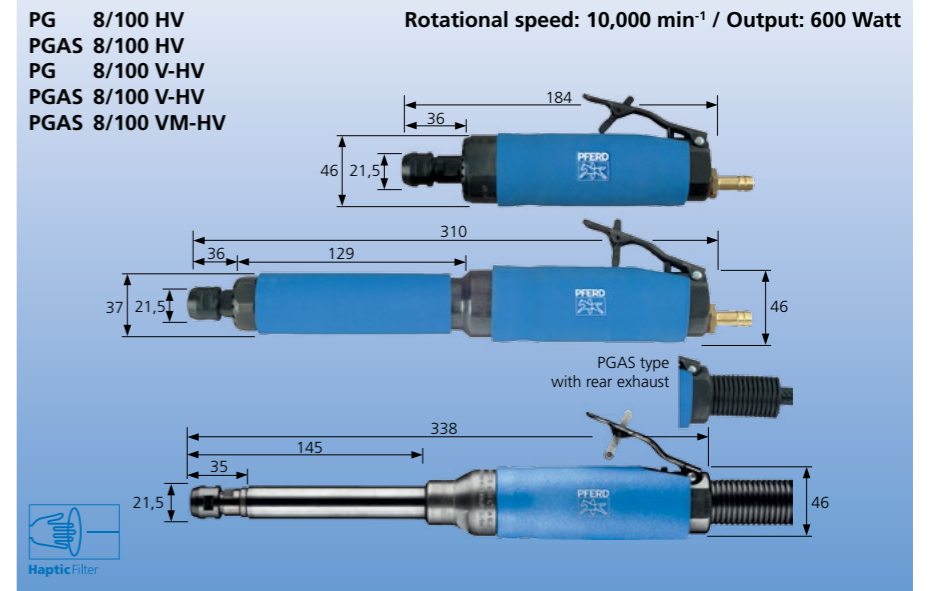
Description	EAN 4007220	Tool cover dia. [mm]
H 35-125S	179307	125

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 10 to 20 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. up to 50 mm Width ≤ 25 mm	Abrasive spiral bands and rubber drum holders Dia. up to 45 mm Mounted flap wheels Dia. up to 40 mm POLINOX® unitized wheels PNER Dia. 50 mm POLIROLL® Dia. up to 12 mm POLIFLEX® fine grinding points Bonds: GR, PUR Dia. 8 to 20 mm GHR, LR, TX, LHR Dia. 15 to 40 mm	Diamond grinding points Dia. 15.0 to 20.0 mm Diamond cut-off wheels Dia. 50 mm with guard Dia. up to 75 mm matching arbors BO 6/10 3 BO 8/10 3	Cut-off wheels EHT Dia. 50 mm with guard Dia. up to 125 mm matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4 Ring wheels ER Dia. 50 mm with guard Dia. up to 125 mm matching arbors BO 8/10 6-20 BO 8/10 4-8	End brushes crimped PBU dia. 10 to 20 mm knotted PBG dia. 19 mm PBG dia. 23 mm Wheel brushes crimped RBU dia. 20 to 40 mm knotted RBG dia. 70 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



Rotational speed: 10,000 min⁻¹ / Output: 600 Watt

Oil Use only with oil, 2 to 5 drops per minute.

Constant power delivery due to the centrifugal governor
PG 8/100 HV, PGAS 8/100 HV
Compact design
PG 8/100 V-HV, PGAS 8/100 V-HV
Alternative drive with counterclockwise rotation available
Supported version on request
PGAS 8/100 VM-HV
Slim drive extension
In-line fine filter recommended

Accessories included:
1 m exhaust hose and 3 m air supply hose with 1/4" male threaded connection and threaded quick coupling (STG) (PGAS type only), 6 mm collet, 2 keys

PFERDERGONOMICS®:
PGAS 8/100 VM-HV

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 8/100 HV	536438	front	lever	0.17–0.85	7	9	0.950
PGAS 8/100 HV	286272	rear	lever	0.17–0.85	7	9	1.000
PG 8/100 V-HV	176825	front	lever	0.17–0.85	7	9	1.400
PGAS 8/100 V-HV	286289	rear	lever	0.17–0.85	7	9	1.400
PGAS 8/100 VM-HV	843086	rear	lever	0.17–0.85	7	9	1.200

Collets

Group	For shank dia.			
	3 mm, 1/8 inch	6 mm	8 mm	1/4 inch
EAN 4007220				
7	187074	186855	187050	187067

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 9/16"	186831
EM SW 3/4"	186848

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, EDGE Dia. 10 to 20 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 3.2 to 10 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. up to 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 mm Dia. up to 50 mm Width ≤ 50 mm	Poliflex® points Bonds: GR, PUR Dia. 8 to 25 mm GHR, LR, TX, LHR Dia. 15 to 40 mm Abrasive spiral bands/drum holders Dia. up to 60 mm POLICAP® Dia. up to 21 mm Mounted flap wheels Dia. up to 40 mm	POLINOX® mounted grinding wheels POLINOX® unitized wheels PNER Dia. up to 50 mm POLIROLL® Dia. up to 18 mm POLINOX® cross buffs Dia. up to 25 mm Felt points Dia. up to 20 mm	Diamond grinding points Dia. 18.0 to 20.0 mm Diamond cut-off wheels Dia. 22 to 30 mm Catalogue 206 Cut-off wheels EHT Dia. 50 mm Ring wheels ER Dia. 50 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





PGAS 12/70 V-HV Rotational speed: 7,000 RPM / Output: 1,000 watts



Oil Use only with oil, 6 to 8 drops per minute.

Constant power delivery due to the centrifugal governor
Robust design
In-line fine filter recommended

Accessories included:
1.25 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 12/70 V-HV	177419	rear	lever	1.30	8	12	2.400

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
8	213674	213704	213711	213681	213728

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 22 mm	206850

Connecting set

Description	EAN 4007220
AS 4	351130

See page 56.

In-line fine filter

Description	EAN 4007220
SF 30 STG 12-T12	809051

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDM 14 x 20 MF	179291	dia. 14/22.23 x 20

Guard

Description	EAN 4007220	Tool cover dia. [mm]
H 35-125S	179307	125

Suitable PFERD tools

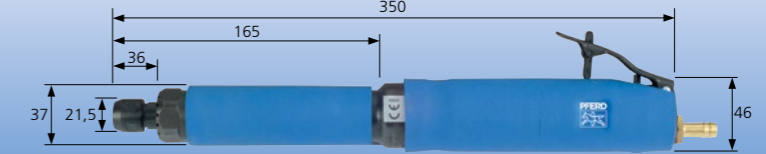
Catalogue 202	Catalogue 204*	Catalogue 205	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, EDGE Dia. up to 20 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. 8 to 25 mm GHR, LR, TX, LHR Dia. 25 to 40 mm	POLINOX® mounted grinding wheels Dia. up to 60 mm POLINOX® unitized wheels PNER Dia. 75 mm	Diamond cut-off wheels Dia. 30 to 40 mm matching arbors BO 6/10 3 BO 8/10 3
HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 4 to 12 mm	Abrasive spiral bands and rubber drum holders Dia. up to 75 mm	POLICLEAN® discs/-mounted tools Dia. 50 mm	End brushes knotted PBG dia. 10 to 12 mm Wheel brushes encapsulated RBV dia. 63 mm
Catalogue 203*	POLICAP® Dia. up to 21 mm	POLIROLL® Dia. up to 18 mm	
Mounted points Hardness D Dia. 16 mm Dia. up to 40 mm Width ≤ 32 mm	Mounted flap wheels Dia. 50 to 60 mm	POLINOX® cross buffs Dia. up to 38 mm Felt points Dia. 25 mm	

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.



PG 8/50 V-HV Rotational speed: 5,000 RPM / Output: 600 watts



Oil Use only with oil, 4 to 5 drops per minute.

Light, compact design
Support version for fixing the straight grinder in stationary use, on request
In-line fine filter recommended

Accessories included:
6 mm collet, 2 keys, hose nozzle

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PG 8/50 V-HV	176788	front	lever	0.85	7	9	1.600

Collets

Group	For shank dia.			
	3 mm, 1/8 inch	6 mm	8 mm	1/4 inch
7	187074	186855	187050	187067

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 9/16"	186831
EM SW 3/4"	186848

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
HSS rotary cutters Cut ALU, 1, 2, 3, 5 Dia. 5 to 16 mm	Mounted points Hardness D Dia. 16 mm	POLINOX® mounted grinding wheels Dia. 50 to 80 mm	Diamond cut-off wheels Dia. 40 mm matching arbors BO 6/10 3 BO 8/10 3
HSS aluminium cutters 119 120 matching threaded arbors BO 6/10 BO 8/10 for HSS rotary cutters	Dia. up to 40 mm Width ≤ 32 mm Catalogue 204* Poliflex® fine grinding points Poliflex® fine grinding discs Dia. 25 to 50 mm Abrasive spiral bands and rubber drum holders Dia. 50 mm Mounted flap wheels Dia. 56 to 80 mm	POLICLEAN® cross buffs Dia. 38 mm POLICLEAN® discs/mounted tools Dia. 50 mm Felt points Mounted felt flap wheels Felt wheels Dia. up to 45 mm matching arbor BO 6/6 3-10	

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.
Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.

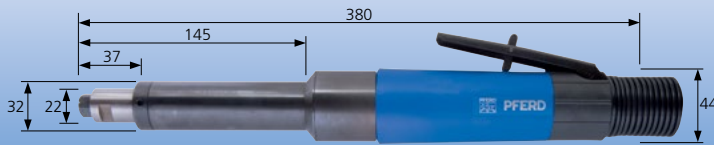
Air grinders

Straight grinders



PGAS 10/40 V-HV

Rotational speed: 4,000 RPM / Output: 900 watts



Use only with oil,
6 to 7 drops per minute.

Constant power delivery due to the centrifugal governor
In-line fine filter recommended

Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 6 mm collet, 2 keys

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m ³ /min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PGAS 10/40 V-HV	802649	rear	lever	1.20	8	9	1.700

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

For dimensions see pages 106–107.

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 17 mm	204542

Connecting set

Description	EAN 4007220
AS 3	351123

See page 56.

In-line fine filter

Description	EAN 4007220
SF 24 STG-T9	809044

See page 56.

Arbors

Description	EAN 4007220	Tool mounting [mm]
SDD 1016	348444	dia. 10 x 16

The arbor replaces the collet and is used for direct adaptation of tools with a centre hole dia. of 10 mm.

Suitable PFERD tools

Catalogue 202	Catalogue 204*	Catalogue 205
HSS rotary cutters Cut ALU, 1, 2, 3, 5 Dia. 6 to 16 mm HSS aluminium cutters 119 120 matching threaded arbors BO 6/10 BO 8/10 for HSS rotary cutters	Poliflex® fine grinding points Poliflex® fine grinding discs Dia. 25 to 80 mm Abrasive spiral bands and rubber drum holders Dia. 100 mm Mounted flap wheels Dia. up to 80 mm POLINOX® mounted grinding wheels Dia. 60 to 100 mm POLICLEAN® discs Dia. 50 and 75 mm Felt points Mounted felt flap wheels Felt wheels Dia. up to 50 mm matching arbor BO 6/6 3-10	Diamond cut-off wheels Dia. 40 to 50 mm matching arbors BO 6/10 3 BO 8/10 3

If no shank diameter is given, the shank dia. of 6 mm applies.

*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

Note: Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.