



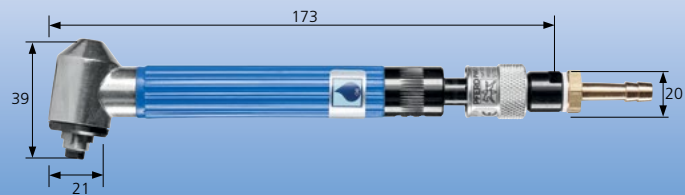
**Use only with oil,
1 drop per minute.**

Smallest high-revving angle grinder
In-line fine filter recommended

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

PWS 1/800

Rotational speed: 80,000 RPM / Output: 75 watts



Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PWS 1/800	176900	rear	push-pull	0.18	2	5	0.115

Collets



Group	For shank dia.		
	2.34 mm, 3/32 inch	3 mm	1/8 inch
	EAN 4007220		
2	207864	207840	207857

For dimensions see pages 106–107.

Keys



Description	EAN 4007220
EM SW 6 mm	204504
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

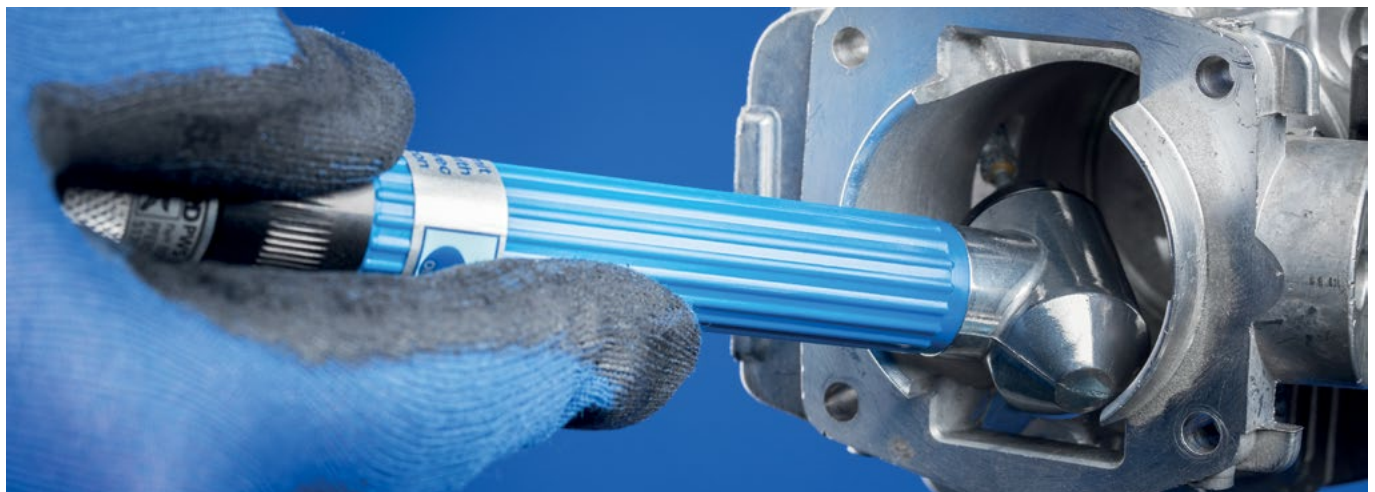
See page 56.

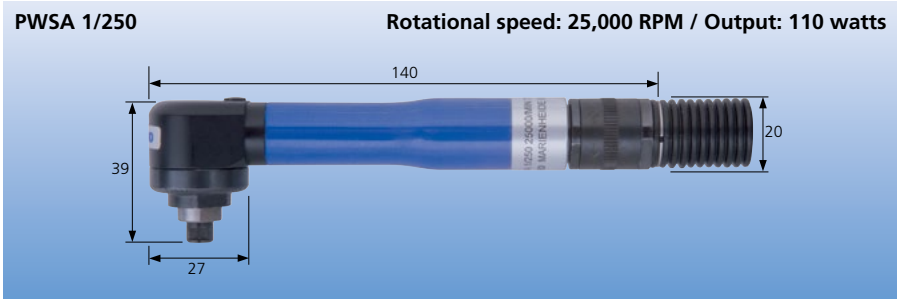
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205
TC burs Cut 3 PLUS, 4, 5, INOX, MICRO Dia. up to 3 mm Shank dia. 3 mm Cut ALU Dia. up to 3 mm Shank dia. 3 mm	Mounted points Dia. 5 mm Dia. 6 mm Width ≤ 13 mm Dia. 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 4.0 mm Shank dia. 3 mm CBN grinding points Dia. 3.5 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.







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



Light and easy to handle
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]
PWSA 1/250	802588	rear	ring	0.20	3	5	0.225

Collets				Keys			
	Group	For shank dia.				Description	EAN 4007220
		3 mm	3/32 inch	1/8 inch			
		EAN 4007220					
	3	188262	188378	188354		EM SW 10 mm	188514
						EM SW 13/64 "	188279

For dimensions see pages 106–107.

Connecting set			In-line fine filter		
	Description	EAN 4007220		Description	EAN 4007220
	AS 1	351109		SF 24 STG-IG 1/4	953259
	See page 56.			See page 56.	

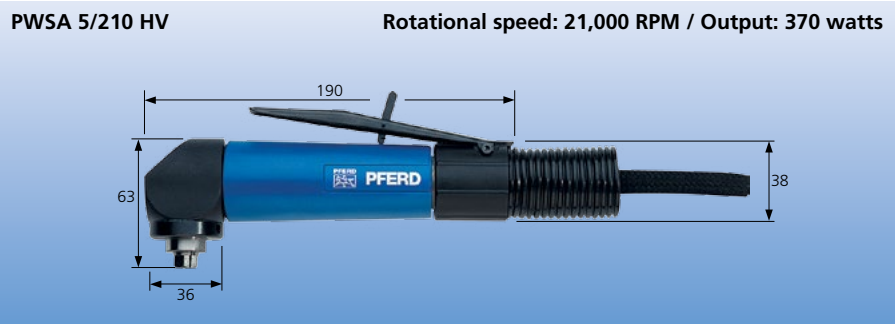
	Description	EAN 4007220	Use for
	ASD 20 CD 1/4-20 G	308417	COMBIDISC® tools, SBH 20, SBH 25, SBH 38, CD 20, CD 38
The arbor replaces the collet. It is used for direct mounting of COMBIDISC® tools.			

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	
TC burrs Cut 3 PLUS, 4, 5, INOX, MICRO Dia. 3 mm Shank dia. 3 mm Cut 1, 3 and special cuts Dia. up to 4 mm Shank dia. 3 mm	Mounted points Dia. up to 13 mm Width ≤ 13 mm Dia. up to 25 mm Width ≤ 6 mm Shank dia. 3 mm	Poliflex® fine grinding points Shank dia. 3 mm Bonds: GR, PUR Dia. up to 10 mm GHR, LR, TX, LHR Dia. up to 20 mm	COMBIDISC® abrasive discs Dia. up to 25 mm with arbor ASD 20 CD 1/4-20G

*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.




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


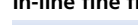
Low angle head height
In-line fine filter recommended
Frequency damper on request

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]
PWSA 5/210 HV	177075	rear	lever	0.60	6	8	0.710

Collets								Keys		
	Group	For shank dia.							Description	EAN 4007220
		3 mm	6 mm	8 mm	3/32 inch	1/8 inch	1/4 inch			
		EAN 4007220								
	6	212875	212851	212936	234969	212882	212868	EM SW 11 mm	206812	
								EM SW 17 mm	204542	

For dimensions see pages 106–107.

Connecting set		In-line fine filter			
	Description	EAN		Description	EAN
	AS 2	4007220		SF 24 STG-T8	4007220
	351116	809020			
See page 56.		See page 56.			

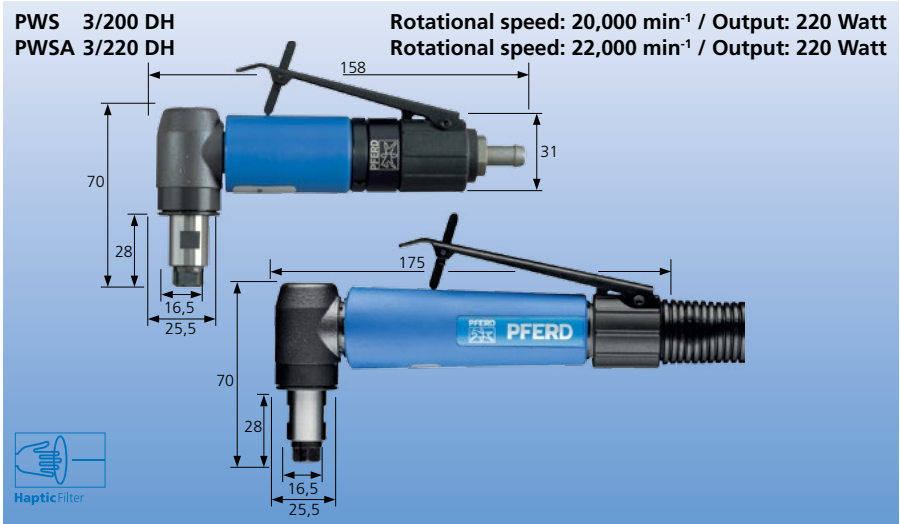
Grinding wheel adapter set				Tool mounting [mm]	Using this adapter set, cut-off and reinforced grinding wheels can be used up to dia. 50 mm and a thickness of 1–9 mm. Simple handling: Remove the collet, connect the hand protection, place the washer onto the spindle and tighten the grinding wheel with the clamping screw (washer is not needed for discs thicker than 6 mm).
Description	EAN 4007220				
SAS 10/50	238462	dia. 10 x 1-9			

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 to 12 mm Cut 1, ALU, FVK, FVKS, PLAST Dia. 10 to 16 mm HSS rotary cutters Cut 1, 2, 3, 5, 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. 16 mm Dia. up to 32 mm Width ≤ 32 mm	Poliflex® fine grinding points Bonds: GR, PUR Dia. up to 12 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 11 mm	Mounted flap wheels Dia. up to 20 mm POLINOX® unitized wheels PNER Dia. 25 mm COMBIDISC® abrasive discs Dia. 20 to 38 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 or adapter set SAS 10/50	Cut-off wheels EHT Dia. 50 mm matching adapter set SAS 10/50 Ring wheels ER Dia. 50 mm matching adapter set SAS 10/50

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.



**Use only with oil,
1 to 2 drops per minute.**

Slim angle head for work in hard-to-reach areas
Easy to handle, compact shape
Frequency damper on request
In-line fine filter recommended

Accessories included:
PWS 3/200 DH
6 mm collet, 2 keys, hose nozzle

PWSA 3/220 DH
Frequency damper on request
0.75 m exhaust hose and 2 m air supply hose without nozzle, 6 mm collet, 2 keys

PFERDERGONOMICS®:
PWS 3/200 DH

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PWS 3/200 DH	282175	front	ring/lever	0.35	6	8	0.370
PWSA 3/220 DH	566503	rear	ring/lever	0.46	6	8	0.380

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 to 10 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. up to 5 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 32 mm Dia. 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 12 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 11 mm Mounted flap wheels Dia. up to 20 mm POLINOX® unitized wheels PNER Dia. 25 mm COMBIDISC® abrasive discs Dia. 20 to 50 mm COMBIDISC® non-woven discs hard type VRH 20	Diamond grinding points Dia. 8.0 to 15.0 mm CBN grinding points Dia. 15.0 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. up to 50 mm Ring wheels ER Dia. up to 40 mm

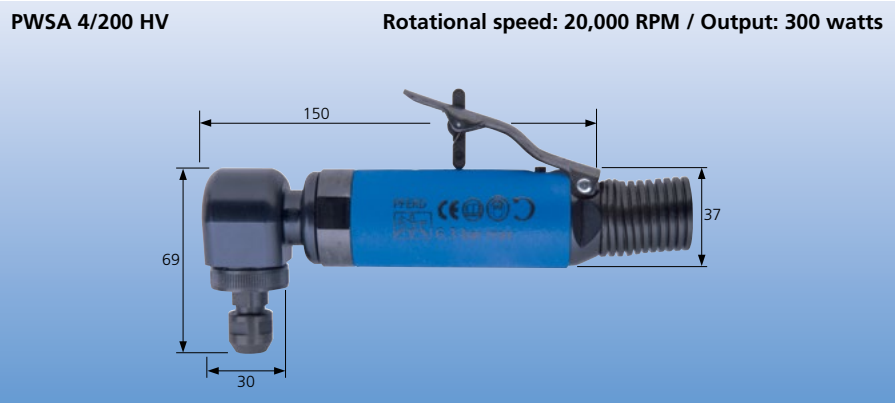
If no shank diameter is given, the shank dia. of 6 mm applies.

***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.

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

Compact design
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), 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]
PWSA 4/200 HV	598184	rear	lever	0.57	5	9	0.520

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 3	351123

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	Catalogue 206
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 7 to 10 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. up to 5 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 32 mm Dia. 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 12 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 11 mm Mounted flap wheels Dia. up to 20 mm POLINOX® unitized wheels PNER Dia. 25 mm COMBIDISC® abrasive discs Dia. 20 to 50 mm COMBIDISC® non-woven discs hard type VRH 20	Diamond grinding points Dia. 8.0 to 15.0 mm CBN grinding points Dia. 15.0 to 20.0 mm Diamond cut-off wheels Dia. 30 to 50 mm matching arbor BO 6/10 3	Cut-off wheels EHT Dia. up to 50 mm Ring wheels ER Dia. up to 40 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.






PWSA 5/170-45 HV

Rotational speed with oil: 17,000 RPM / Output: 370 watts

Haptic Filter Emission Filter



Can be used with or without oil, 3 to 4 drops per minute.

Without oil: 14,000 RPM, power output 340 watts, no oil residues on the work-piece
Angle head with 45° inclination to improve work in corners and hard-to-reach places
In-line fine filter recommended

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]
PWSA 5/170-45 HV	484999	rear	lever	0.63	6	8	0.880

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 17 mm	204542

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	Catalogue 208
TC burrs Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 8 to 12 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. up to 6 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 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. up to 25 mm Abrasive spiral bands/drum holders Dia. up to 30 mm POLICAP® Dia. up to 13 mm Mounted flap wheels Dia. up to 25 mm Felt points Dia. up to 10 mm	Diamond grinding points Dia. 9.0 to 20.0 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. up to 40 mm matching arbor BO 6/6 3-10	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 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.



Can be used with or without oil, 3 to 4 drops per minute.

Without oil: 13,000 RPM, power output 340 watts, no oil residues on the work-piece
Low angle head height
In-line fine filter recommended

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

PWSA 5/160 HV

Rotational speed with oil: 16,000 RPM / Output: 370 watts

Emission Filter

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Collet group	Air supply hose inner dia. [mm]	Net weight [kg]
PWSA 5/160 HV	235287	rear	lever	0.63	6	8	0.710

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 17 mm	204542

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.

Grinding wheel adapter set

Description	EAN 4007220	Tool mounting [mm]
SAS 10/50	238462	dia. 10 x 1-9

Using this adapter set, cut-off and reinforced grinding wheels can be used up to dia. 50 mm and a thickness of 1–9 mm. Simple handling: Remove the collet, connect the hand protection, place the washer onto the spindle and tighten the grinding wheel with the clamping screw (washer is not needed for discs thicker than 6 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. 9 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. 50 mm Width ≤ 25 mm Shank dia. 8 mm Dia. 32 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 POLICAP® Dia. up to 13 mm COMBIDISC® abrasive discs Dia. 20 to 50 mm COMBIDISC® TX discs Dia. 50 mm	Diamond grinding points Dia. 9.0 to 20.0 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 or adapter set SAS 10/50	Cut-off wheels EHT Dia. up to 50 mm matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4 or adapter set SAS 10/50 Ring wheels ER Dia. up to 50 mm matching arbor BO 6/6 3-10 or adapter set SAS 10/50	End brushes crimped PBU dia. 10 to 20 mm knotted PBG dia. 19 mm Wheel brushes crimped RBU dia. 20 to 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.





PWSA 5/130 HV

Rotational speed: 13,000 RPM / Output: 370 watts

Emission filter

Can be used with or without oil, 1 to 4 drops per minute.

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

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]
PWSA 5/130 HV	271766	rear	lever	0.30–0.60	6	8	0.710

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 17 mm	204542

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.

Grinding wheel adapter set

Description	EAN 4007220	Tool mounting [mm]
SAS 10/50	238462	dia. 10 x 1-9

Using this adapter set, cut-off and reinforced grinding wheels can be used up to dia. 50 mm and a thickness of 1–9 mm. Simple handling: Remove the collet, connect the hand protection, place the washer onto the spindle and tighten the grinding wheel with the clamping screw (washer is not needed for discs thicker than 6 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 16 mm HSS rotary cutters Cut 1, 2, 3, 5, special cuts Dia. 2.3 to 7 mm	Mounted points Dia. 16 mm Dia. up to 32 mm Width ≤ 40 mm Dia. 50 mm Width ≤ 25 mm Catalogue 204* Poliflex® fine grinding points Bonds: GR, PUR Dia. 8 to 20 mm GHR, LR, TX, LHR Dia. 15 to 40 mm	Poliflex® fine grinding discs Bond: TX Dia. 25 to 40 mm POLICAP® Dia. up to 13 mm COMBIDISC® abrasive discs Dia. 20 to 50 mm COMBIDISC® TX discs Dia. 50 and 75 mm	Diamond grinding points Dia. 12.0 to 20.0 mm Diamond cut-off wheels Dia. 22 and 50 mm matching arbors BO 3/1,7 1 BO 6/10 3 BO 8/10 3 or adapter set SAS 10/50	Cut-off wheels EHT Dia. up to 50 mm matching arbors BO 6/6 0-4 BO 6/10 0-4 BO 8/10 0-4 Ring wheels ER Dia. up to 50 mm matching arbor BO 6/6 3-10	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

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.

Use only with oil, 2 drops per minute.

Special spindle for holding all COMBIDISC® tools (use a backing pad without shank)
Flat angle head for work in hard-to-reach areas
In-line fine filter recommended

Accessories included:
1 key, 1 hose nozzle

PW 3/120 DH

Rotational speed: 12,000 RPM / Output: 220 watts

Haptic filter

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Drive spindle thread	Air supply hose inner dia. [mm]	Net weight [kg]
PW 3/120 DH	271780	front	ring/lever	0.35	1/4" - 20 UNC	8	0.390

Keys

Description	EAN 4007220
EM SW 11 mm	206812

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.

Extension for drive spindle

Description	EAN 4007220	Use for
SPV 20 CD 1/4-20 UNC	333167	COMBIDISC® abrasive disc holder without threaded shank

Suitable PFERD tools

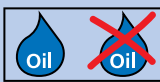
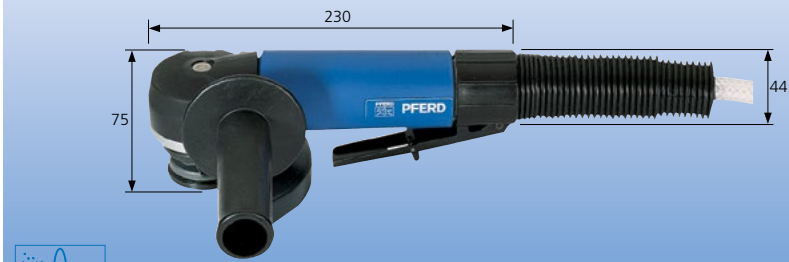
Catalogue 204	COMBIDISC® abrasive discs	COMBIDISC® non-woven discs	COMBIDISC® abrasive disc holder
	Dia. 20 to 75 mm	Dia. 20 to 75 mm	SBH 20, 25, 38, 50, 75 without threaded shank
	COMBIDISC® TX discs Dia. 50 and 75 mm	POLICLEAN® discs Dia. 50 mm	

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





PWAS 9/120 HV Rotational speed: 12,000 RPM / Output: 600 watts



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

With or without oil – no difference in speed at the same power output, no oil residues on the workpiece
Max. tool diameter 115 mm
With spindle lock pin
Low angle head height
In-line fine filter recommended

Accessories included:
1.7 m exhaust hose and 3 m air supply hose without nozzle, 1 key, clamping flanges, guard and side handle

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Drive spindle thread	Air supply hose inner dia. [mm]	Tool mounting [mm]	Net weight [kg]
PWAS 9/120 HV	319772	rear	lever	0.90	M14	9	22.23	1.750

Clamping flanges

Description	EAN 4007220
SPF 95774001	426036
SPM 95732801	316238

Keys

Description	EAN 4007220
STL SW 35 x 5 mm	193853

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.



PFERDVIDEO

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

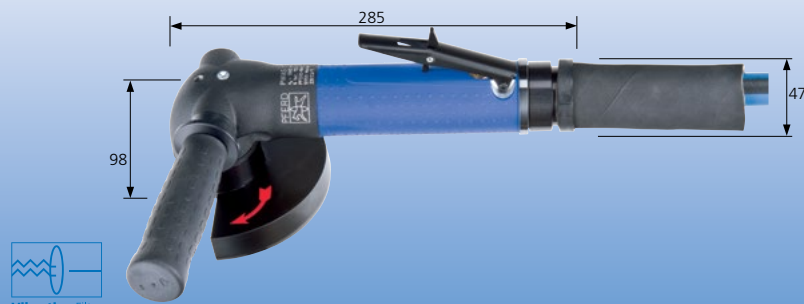
Suitable PFERD tools

Catalogue 204	Catalogue 205	Catalogue 206	Catalogue 208
COMBICLICK® fibre discs Dia. up to 115 mm matching backing pads CC-GT 115/125 Fibre discs Dia. up to 115 mm matching backing pad GT 115	Diamond cut-off wheels Dia. 115 mm	Cut-off and reinforced grinding wheels POLIFAN® flap discs Dia. up to 115 mm	Cup brushes crimped TBU dia. 60 to 75 mm M14 Bevel brushes crimped KBU dia. 100 to 115 mm M14 Wheel brushes RBU dia. 115 mm M14

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



PWAS 13/120 AVH Rotational speed: 12,000 RPM / Output: 1.100 watts



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

Max. tool diameter 125 mm
Autobalancer on the work spindle
Side anti-vibration handle
Spindle locking pin for tool change with one key
In-line fine filter recommended

Accessories included:
1 m exhaust hose and 2.5 m air supply hose with 1/2" male threaded connection, 2 keys, clamping flanges, guard and side handle

Description	EAN 4007220	Exhaust direction	Throttle type	Air consumption [m³/min]	Drive spindle thread	Air supply hose inner dia. [mm]	Tool mounting [mm]	Net weight [kg]
PWAS 13/120 AVH	896709	rear	lever	0.90	M14	12	22.23	2.100

Clamping flanges

Description	EAN 4007220	Item no.
(1) SPM14 98980036	902189	1
(2) FLS 98980037	902202	3
(3) DHFL 98980039	902226	2
(4) DHTR 98980040	902233	4
(5) FLS-CC 98980038	902219	5

Keys

Description	EAN 4007220
SKS SW 4 mm	204450
STL SW 35 x 5 mm	193853

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.



PFERDVIDEO

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

Suitable PFERD tools

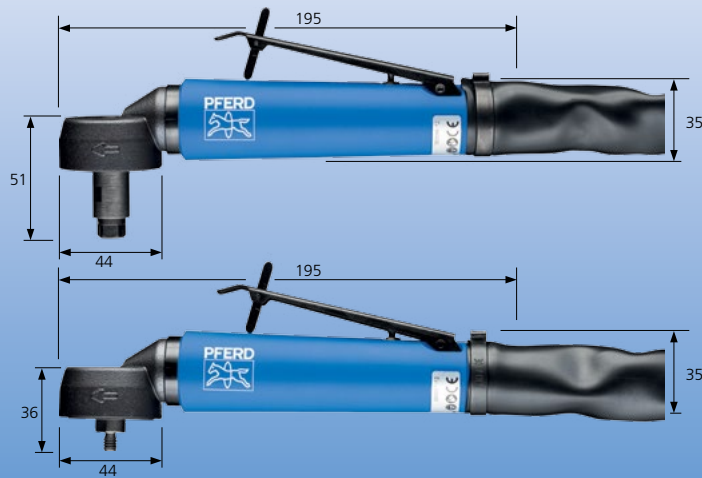
Catalogue 204	Catalogue 205	Catalogue 206	Catalogue 208
COMBICLICK® fibre discs Dia. up to 115 mm matching backing pad CC-GT 115/125	Fibre discs Dia. up to 115 mm matching backing pad GT 115	Diamond cut-off wheels Dia. 115 mm	Cup brushes crimped TBU dia. 60 to 75 mm M14 Bevel brushes crimped KBU dia. 100 to 115 mm M14 Wheel brushes RBU dia. 115 mm M14

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



PWSA 4/45 HV PWAS 4/45 HV-CD

Rotational speed: 4,500 RPM / 250 watts



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

Constant power delivery due to the centrifugal governor

PWSA 4/45 HV

For low-speed grinding tools with shank diameter up to 8 mm

PWAS 4/45 HV-CD

Special spindle to hold all low-speed COMBIDISC® tools (use backing pad without shank)

Spindle extension (20 mm)

SPV 20 CD 1/4-20 UNC

In-line fine filter recommended

Accessories included:

0.75 m exhaust hose and 2 m air supply hose without nozzle, 2 keys (PWAS 4/45 HV-CD only EM SW 11), only PWSA 4/45 HV with 6 mm collet

Description	EAN 4007220	Exhaust direction	Throttle type	Air con- sumption [m³/min]	Collet group	Drive spindle thread	Air supply hose inner dia. [mm]	Net weight [kg]
PWSA 4/45 HV	948750	rear	lever	0.50	6	-	8	0.560
PWAS 4/45 HV-CD	948767	rear	lever	0.50	-	1/4"-20 UNC	8	0.510

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

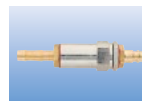
Connecting set



Description	EAN 4007220
AS 2	351116

See page 56.

In-line fine filter



Description	EAN 4007220
SF 24 STG-T8	809020

See page 56.

Extension for drive spindle



Description	EAN 4007220	Use for
SPV 20 CD 1/4-20 UNC	333167	COMBIDISC® abrasive disc holder without threaded shank

Suitable PFERD tools

Catalogue 204*

Poliflex® fine grinding points
Poliflex® fine grinding discs
Dia. up to 80 mm

Poliflex® marbling tools
PFZY 5040

Felt points
Felt wheels
Dia. up to 45 mm

COMBIDISC® diamond abrasive discs
Dia. up to 75 mm

COMBIDISC® non-woven discs
Dia. 75 mm

COMBIDISC® felt discs
Dia. up to 75 mm

COMBIDISC® POLICLEAN® discs
Dia. up to 75 mm

COMBIDISC® abrasive disc holder
SBH 75

COMBIDISC® brush
Dia. 50 mm

matching
arbors
SBH 50
BO PFF 50

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

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