


Oil-soluble grinding compounds with sharp-edged SiC grain are ideal for very fine polishing operations, e.g. regrinding of valve seats or shaft bearings, and in preparation for polishing steps with felt tools and cloth rings.

Ordering example:
EAN 4007220298664
SFP 600

Grinding compounds



Description	EAN 4007220	Grit size [µm]	Content [g]	
SFP 90	153963	90	250	1
SFP 150	153970	150	250	1
SFP 280	153987	280	250	1
SFP 360	153994	360	250	1
SFP 600	298664	600	250	1
SFP 800	154007	800	250	1

Diamond polishing pastes are used for work on very hard materials e.g. tungsten carbide and hardened steels. They are used with felt polishing tools or wheels. The diamond polishing pastes can be diluted or dissolved in water or alcohol. The extremely high concentration ensures quick and economic work.

Available grit sizes:
30 (coarse) = P 500
15 (medium) = P 1200
7 (fine) = P 2500
3 (very fine)
(P = Grit size according to ISO 6344)


Recommendations for use:

- When using diamond polishing pastes, use the coarse paste first
- If extensive surface improvements are required, use several grit sizes one after another, each finer than the previous, cleaning well between pastes
- When changing grit size, make sure that a new, clean abrasive support (e.g. felt point or felt disc) is used

Ordering note:
Grit sizes are indicated in µm.

Diamond polishing pastes



Description	EAN 4007220	Grit size [µm]	Cap colour	Content [g]	
DPP 30-5	294543	30	brown	5	1
DPP 30-20	535981	30	brown	20	1
DPP 15-5	294536	15	blue	5	1
DPP 15-20	535998	15	blue	20	1
DPP 7-5	294505	7	red	5	1
DPP 7-20	536001	7	red	20	1
DPP 3-5	294499	3	green	5	1
DPP 3-20	536018	3	green	20	1


This diluent is used to maintain a constant lubricant layer between the abrasive support and the workpiece in polishing applications.

Recommendations for use:

- The diluent should be used extremely sparingly. Excessive use of the special diluent will wash out the diamond grit from the paste, thus diminishing polishing performance.

Special diluent for diamond polishing pastes



Description	*	EAN 4007220	Content (ml)	
PSP 125	*	294550	125	1

* The products marked with an asterisk cannot be transported by air, sea or rail.

Grinding oils and polishing pastes

Grinding and polishing pastes

Polishing paste bars



PFERD provides five different polishing paste bars. They are colour-coded to easily identify the intended application. The interpretation of the colours is given in the table below.

Polishing paste bars are available in bulk and small packs.

Ordering example:
EAN 4007220294574
G-PP 2 VP MS

Ordering example explanation:
G = Bulk pack
PP = Polishing paste bar
2 = Number
VP = Pre-polishing
MS = Aluminium + brass

Description	EAN 4007220	Type	Colour	Use for	Content [g]	Dimension B x H x L [mm]	
G-PP 1 VP Fe	294567	pre-polishing	green	Steel + stainless steel (INOX)	1,100	70 x 50 x 140	1
G-PP 2 VP MS	294574	pre-polishing	grey	Aluminium + brass	1,300	70 x 50 x 140	1
G-PP 3 VP NE	294581	pre-polishing	brown	Non-ferrous metals	1,150	70 x 50 x 140	1
G-PP 4 HGP	294598	high-gloss polishing	pink	All metals	1,150	70 x 50 x 140	1
G-PP 5 HGP K	294604	high-gloss polishing	beige	Plastics	1,100	70 x 50 x 140	1
K-PP 1 VP FE	955666	pre-polishing	green	Steel + stainless steel (INOX)	108	25 x 30 x 90	1
K-PP 2 VP MS	955673	pre-polishing	grey	Aluminium + brass	142	25 x 30 x 90	1
K-PP 3 VP NE	955680	pre-polishing	brown	Non-ferrous metals	111	25 x 30 x 90	1
K-PP 4 HGP	955697	high-gloss polishing	pink	All metals	132	25 x 30 x 90	1
K-PP 5 HGP K	955703	high-gloss polishing	beige	Plastics	104	25 x 30 x 90	1

Grinding oils

Grinding oils



Grinding oils are used in combination with coated abrasive tools.


PFERD provides three types:

- Type Fe for steel:
Provides corrosion protection
- Type NE for non-ferrous metals and stainless steel (INOX):
Prevents annoying stains on the workpiece, particularly on stainless steel (INOX) surfaces
- Type ALU for aluminium:
Prevents the clogging of grinding tools

Advantages:

- Longer tool life
- The lubrication and cooling effect prevent excess temperature developing
- Chip loading to the abrasive coating is reduced
- The surface finish is improved

Ordering example:
EAN 4007220294451
411/1 NE

Description	*	EAN 4007220	Use for	Content (ml)	
Spray can					
410 Fe	*	147597	Steel	400	1
411 NE	*	147603	Non-ferrous metals, stainless steel (INOX)	400	1
412 ALU	*	791332	Aluminium	400	1
Canister 1 l					
410/1 Fe	-	294444	Steel	1,000	1
411/1 NE	-	294451	Non-ferrous metals, stainless steel (INOX)	1,000	1
412/1 ALU	-	791349	Aluminium	1,000	1
Canister 5 l					
410/5 Fe	-	294468	Steel	5,000	1
411/5 NE	-	294475	Non-ferrous metals, stainless steel (INOX)	5,000	1
412/5 ALU	-	791356	Aluminium	5,000	1

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