

Flap Discs Pferd Germany

Pferd Flap discs SG A (Performance Range)

For surface grinding and edge grinding. Abrasive material Aluminum oxide. Achieves very high stock removal rates even at low contact pressure. For steel, stainless steel, wood and plastics.

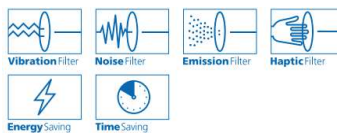
Article No.	Shape	Diameter	Grit Size	Arbor hole
440300	Flat	115 mm	40	22.2 mm
440301	Flat	115 mm	60	22.2 mm
440302	Flat	115 mm	80	22.2 mm
440303	Flat	115 mm	120	22.2 mm
440304	Flat	125 mm	40	22.2 mm
440305	Flat	125 mm	60	22.2 mm
440306	Flat	125 mm	80	22.2 mm
440307	Flat	125 mm	120	22.2 mm
440309	Flat	180 mm	40	22.2 mm
440310	Flat	180 mm	60	22.2 mm
440311	Flat	180 mm	80	22.2 mm
440312	Flat	180 mm	120	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440339	Conical	115 mm	24	22.2 mm
440340	Conical	115 mm	40	22.2 mm
440341	Conical	115 mm	60	22.2 mm
440342	Conical	115 mm	80	22.2 mm
440343	Conical	115 mm	120	22.2 mm
440343B	Conical	125 mm	24	22.2 mm
440344	Conical	125 mm	40	22.2 mm
440345	Conical	125 mm	60	22.2 mm
440346	Conical	125 mm	80	22.2 mm
440347	Conical	125 mm	120	22.2 mm
440348	Conical	180 mm	24	22.2 mm
440349	Conical	180 mm	40	22.2 mm
440350	Conical	180 mm	60	22.2 mm
440351	Conical	180 mm	80	22.2 mm
440352	Conical	180 mm	120	22.2 mm

Pferd Flap discs SG A COOL INOX + ALU (Performance Range)

Performs exceptionally well on sheet metal and thin sectional material. Specially for stainless steels (INOX), aluminium and non-ferrous metals. Abrasive material: Aluminum Oxide + Coolant. Ensures low build-up of heat in the work pieces when used with minimum contact pressure on variable speed angle grinders at low rpm levels. For weld dressing and surface grinding with low heat input. For aluminium grinding use only grit 40 and 60.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440313	Flat	115 mm	40	22.2 mm
440314	Flat	115 mm	60	22.2 mm
440315	Flat	115 mm	80	22.2 mm
440315B	Flat	115 mm	120	22.2 mm
440316	Flat	125 mm	40	22.2 mm
440317	Flat	125 mm	60	22.2 mm
440318	Flat	125 mm	80	22.2 mm
440319	Flat	125 mm	120	22.2 mm
440320	Flat	180 mm	40	22.2 mm
440321	Flat	180 mm	60	22.2 mm
440322	Flat	180 mm	80	22.2 mm
440323	Flat	180 mm	120	22.2 mm



Two different shapes FLAT PFF and CONICAL PFC

PFF = Larger grinding area for surface grinding. Optimum exploitation of the abrasive flaps at a contact angle of 0–15°

PFC = Narrower grinding area for work on weld seams, chamfering and deburring. Optimum exploitation of the abrasive flaps at a contact angle of 10–25°

PFERD ERGONOMICS® durable reducing of vibration, noise and dust emissions



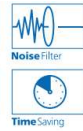
Article No.	Shape	Diameter	Grit Size	Arbor hole
440353	Conical	115 mm	40	22.2 mm
440354	Conical	115 mm	60	22.2 mm
440355	Conical	115 mm	80	22.2 mm
440355B	Conical	115 mm	120	22.2 mm
440356	Conical	125 mm	40	22.2 mm
440357	Conical	125 mm	60	22.2 mm
440358	Conical	125 mm	80	22.2 mm
440358B	Conical	125 mm	120	22.2 mm
440359	Conical	180 mm	40	22.2 mm
440360	Conical	180 mm	60	22.2 mm
440361	Conical	180 mm	80	22.2 mm
440362	Conical	180 mm	120	22.2 mm



Flap Discs Pferd Germany

Pferd Flap discs SG Z POWER STEELOX (Performance Range)

Zircona Alumina Z grain for steel and Stainless Steel (INOX).
Is an high-performance abrasive medium delivering optimum performance on high powered angle grinders at high contact pressure.
For weld grinding and edge finishing.
For high performance angle grinders with high surface pressure.



Article No.	Shape	Diameter	Grit Size	Arbor hole
440381	Flat	115 mm	40	22.2 mm
440382	Flat	115 mm	60	22.2 mm
440383	Flat	125 mm	40	22.2 mm
440384	Flat	125 mm	60	22.2 mm
440385	Flat	180 mm	40	22.2 mm
440386	Flat	180 mm	60	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440387	Conical	115 mm	40	22.2 mm
440388	Conical	115 mm	60	22.2 mm
440388A	Conical	115 mm	80	22.2 mm
440388B	Conical	115 mm	120	22.2 mm
440389	Conical	125 mm	40	22.2 mm
440390	Conical	125 mm	60	22.2 mm
440390A	Conical	125 mm	80	22.2 mm
440390B	Conical	125 mm	120	22.2 mm
440391	Conical	180 mm	40	22.2 mm
440392	Conical	180 mm	60	22.2 mm
440392A	Conical	180 mm	80	22.2 mm
440392B	Conical	180 mm	120	22.2 mm



Pferd Flap discs SG CO-COOL STEELOX (Performance Range)

POLIFAN flap disc with particularly cool grinding for materials that are difficult to machine such as high-alloy and rust-resistant steel, nickel-based alloys or titanium alloys.
The self sharpening action of the ceramic oxide grain guarantees optimal results, even on materials that are difficult to machine. Less heat build-up in the workpiece compared with other flap discs.
For surface grinding, weld dressing, chamfering, deburring.

Very suitable on stainless steel (INOX), Inconel, Hastelloy and hard aluminium alloys.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440329	Flat	115 mm	40	22.2 mm
440330	Flat	115 mm	60	22.2 mm
440331	Flat	125 mm	40	22.2 mm
440332	Flat	125 mm	60	22.2 mm
440333	Flat	180 mm	40	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440334	Conical	115 mm	40	22.2 mm
440335	Conical	115 mm	60	22.2 mm
440336	Conical	125 mm	40	22.2 mm
440337	Conical	125 mm	60	22.2 mm
440338	Conical	180 mm	40	22.2 mm



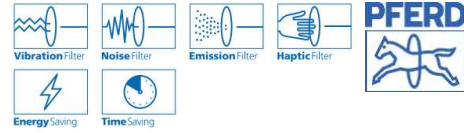
Flap Discs Pferd Germany

Pferd Flap discs SG CO-FREEZE INOX (Performance Range)

POLIFAN flap disc specifically developed for stainless steel (INOX) with ultra-cool grinding. Due to the ceramic oxide grain CO with active grinding and cooling special coating (FREEZE), there is no discolouration (even in thermally unfavourable conditions), so no reworking is required. Fewer tool changes due to excellent tool life. Maximum aggressiveness over the entire tool life.

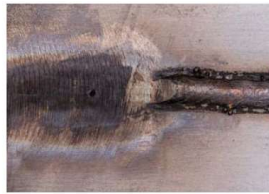
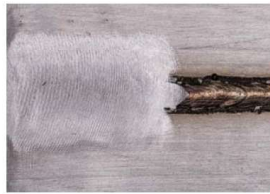
The usual flying sparks are minimized. Damage to stainless steel workpieces from flying glowing sparks is therefore almost entirely ruled out. The FREEZE coating significantly reduces heat build-up in the workpiece compare with standard flap discs.

Applications: Surface grinding and weld dressing.



Article No.	Shape	Diameter	Grit Size	Arbor hole
440480	Flat	115 mm	36	22.2 mm
440481	Flat	115 mm	50	22.2 mm
440482	Flat	115 mm	80	22.2 mm
440483	Flat	125 mm	36	22.2 mm
440484	Flat	125 mm	50	22.2 mm
440485	Flat	125 mm	80	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440486	Conical	115 mm	36	22.2 mm
440487	Conical	115 mm	50	22.2 mm
440488	Conical	115 mm	80	22.2 mm
440489	Conical	125 mm	36	22.2 mm
440490	Conical	125 mm	50	22.2 mm
440491	Conical	125 mm	80	22.2 mm
440492	Conical	180 mm	36	22.2 mm
440493	Conical	180 mm	50	22.2 mm



Pferd CO-FREEZE INOX example

Picture left = Typical wear pattern with the characteristic shiny cooling film (no "vitrification").

Picture middle = Optimum results: no blue discolouration thanks to low thermal load.

Picture right = Flap disc with conventional abrasive belt. Heat discolouration/oxidation due to high heat build-up.

Subsequent fine grinding is required, otherwise there is a high risk of corrosion.

Pferd Flap discs A PSF STEELOX (Universal Range)

Aluminium oxide abrasive. High stock removal rate and long tool life.

For surface grinding and edge grinding with angle grinder of all power outputs.

For steel, stainless steel, plastics and wood.

Achieves very good grinding results even at low contact pressure.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440393	Flat	115 mm	40	22.2 mm
440394	Flat	115 mm	60	22.2 mm
440395	Flat	115 mm	80	22.2 mm
440396	Flat	115 mm	120	22.2 mm
440397	Flat	125 mm	40	22.2 mm
440398	Flat	125 mm	60	22.2 mm
440399	Flat	125 mm	80	22.2 mm
440400	Flat	125 mm	120	22.2 mm
440401	Flat	180 mm	40	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440403	Conical	115 mm	40	22.2 mm
440404	Conical	115 mm	60	22.2 mm
440405	Conical	115 mm	80	22.2 mm
440406	Conical	115 mm	120	22.2 mm
440407	Conical	125 mm	40	22.2 mm
440408	Conical	125 mm	60	22.2 mm
440409	Conical	125 mm	80	22.2 mm
440410	Conical	125 mm	120	22.2 mm
440411	Conical	180 mm	40	22.2 mm
440412	Conical	180 mm	60	22.2 mm



Flap Discs Pferd Germany

Pferd Flap discs Z PSF STEELOX (Universal Range)

Zirconia alumina Z abrasive for steel and stainless steel (INOX).

For surface grinding, weld grinding and edge grinding.

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



Vibration Filter



Noise Filter



Emission Filter



Haptic Filter



Energy Saving



Time Saving



Repair Management Nederland B.V.
More management less firefighting

Article No.	Shape	Diameter	Grit Size	Arbor hole
440413	Flat	115 mm	40	22.2 mm
440414	Flat	115 mm	60	22.2 mm
440415	Flat	115 mm	80	22.2 mm
440416	Flat	125 mm	40	22.2 mm
440417	Flat	125 mm	60	22.2 mm
440418	Flat	125 mm	80	22.2 mm
440419	Flat	180 mm	40	22.2 mm
440200	Flat	180 mm	60	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
440421	Conical	115 mm	40	22.2 mm
440422	Conical	115 mm	60	22.2 mm
440423	Conical	115 mm	80	22.2 mm
440423B	Conical	115 mm	120	22.2 mm
440424	Conical	125 mm	40	22.2 mm
440425	Conical	125 mm	60	22.2 mm
440426	Conical	125 mm	80	22.2 mm
440426B	Conical	125 mm	120	22.2 mm
4404261	Conical	150 mm	40	22.2 mm
4404262	Conical	150 mm	60	22.2 mm
440427	Conical	180 mm	40	22.2 mm
440428	Conical	180 mm	60	22.2 mm
440429	Conical	180 mm	80	22.2 mm
4404291	Conical	180 mm	120	22.2 mm

Pferd Flap discs Z SGP STRONG STEEL (Special Range)

The innovative POLIFAN-STRONG flap disc is a unique tool with a particularly high performance level. Due to its patented design, it offers significantly higher efficiency compared to conventional flap discs. Fast grinding through constant grinding aggressiveness down to the last abrasive grit. Ultimate economic efficiency thanks to maximum stock removal per time unit and less wear on discs. Extreme long tool life gives less tool change.

Abrasive: Zirconia alumina Z.

Applications: weld dressing, chamfering and deburring.

Grit size 36 is ideal for a high stock removal rate, e.g. during work on weld seams.

Grit size 50 is ideal for work on edges, e.g. chamfering or for producing a fine finish.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440460	Conical	115 mm	36	22.2 mm
440461	Conical	115 mm	50	22.2 mm
440462	Conical	125 mm	36	22.2 mm
440463	Conical	125 mm	50	22.2 mm
440464	Conical	180 mm	36	22.2 mm
440465	Conical	180 mm	50	22.2 mm

Pferd Flap discs CO FREEZE SGP STRON INOX (Special Range)

Special POLIFAN flap disc combining the patented STRONG design and its long, compact flaps with an innovative abrasive. Due to the ceramic oxide grain CO with active grinding and cooling special coating (FREEZE), there is no discolouration (even in thermally unfavourable conditions), so no reworking is required.

The self-sharpening action of the ceramic oxide grain, together with the active grinding FREEZE special coating enables ultra-cool grinding and minimizes heat build-up on materials which do not conduct heat well, such as stainless steel (INOX). Flying sparks are minimized. Damage to stainless steel workpieces from flying glowing sparks is therefore almost entirely ruled out.

Applications: weld dressing, surface grinding.

Grit size 36 is ideal for a high stock removal rate, e.g. during work on weld seams.

Grit size 50 is ideal for work on edges, e.g. chamfering or for producing a fine finish.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440620	Conical	115 mm	36	22.2 mm
440621	Conical	115 mm	50	22.2 mm
440622	Conical	125 mm	36	22.2 mm
440623	Conical	125 mm	50	22.2 mm



Flap Discs CURVED Pferd Germany

Pferd Flap discs Z SGP CURVE STEELOX (Special Range)

The patented flap disc POLIFAN-CURVE has been specially developed for working in fillet welds.

It is the only flap disc in the world that has flaps on both the grinding side and the rear side, as well as on the radius.

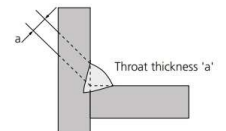
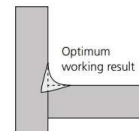
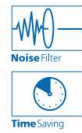
High stock removal rate ensures fast work progress and therefore significant wage cost savings.

Outstanding tool life when working on fillet welds. Precise and optimum grinding of the fillet weld geometry.

SHAPE M = For fillet weld radius > 5 mm or throat thickness ≤ 6 mm with 90° joint, width at the radius: 11 mm or 14 mm with diameter 150 mm

SHAPE L = For fillet weld radius > 8 mm or throat thickness > 6 mm with 90° joint, width at the radius: 14 mm or 16 mm with diameter 150/180 mm.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440430	M	115 mm	40	22.2 mm
440431	L	115 mm	40	22.2 mm
440440	M	125 mm	40	22.2 mm
440441	L	125 mm	40	22.2 mm
440442	M	150 mm	40	22.2 mm
440443	L	150 mm	40	22.2 mm
440444	L	180 mm	40	22.2 mm



Pferd Flap discs CO SGP CURVE STEELOX (Special Range)

Ceramic oxide grain CO for stainless steel (INOX) and steel.

For V-shape edges grinding. Special design with flaps wrapped around the disc.

(PFR) for very labor intensive grinding jobs in edges. Grinding of V-shaped seams, edges.

Ensures low build-up of heat in the work piece when used with minimum contact pressure on variable speed angle grinders at low RPM levels.

No thermal material damaging.

SHAPE M = For fillet weld radii > 5 mm or throat thickness ≤ 6 mm with 90° joint, width at the radius: 11 mm or 14 mm with diameter 150 mm

SHAPE L = For fillet weld radii > 8 mm or throat thickness > 6 mm with 90° joint, width at the radius: 14 mm or 16 mm with diameter 150/180 mm.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440445	M	115 mm	60	22.2 mm
440446	L	115 mm	60	22.2 mm
440448	M	125 mm	60	22.2 mm
440449	L	125 mm	60	22.2 mm



Pferd Flap discs SGP CURVE ALU (Special Range)

Aluminium oxide A with active grinding, cooling coating for Aluminium.

For V-shape edges grinding. Special design with flaps wrapped around the disc.

(PFR) for very labor intensive grinding jobs in edges. Grinding of V-shaped seams, edges.

Specially formulated for non-loading grinding performance on soft, greasy grades of aluminium. Contains no fillers that might leave undesirable residues on the workpiece.

The ground surface can be welded right away, without any further treatment.

Ideal for soft aluminium and suitable for medium aluminium.

SHAPE L = For fillet weld radius > 8 mm or throat thickness > 6 mm with 90° joint.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440650	L	115 mm	40	22.2 mm
440651	L	125 mm	40	22.2 mm



Flap Discs Pferd Germany

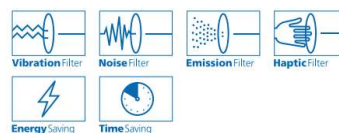
Pferd NON-WOVEN discs POLINOX PNL

The Non-woven abrasive flaps are stuck to a glass-fabric backing pad, meaning that the discs can be used face down. Along tool life is achieved through the dense packing of the flaps. The tool is designed for working on large surfaces with speed-adjustable angle grinders.

Also very useful on cordless angle grinders.

Abrasive: Aluminiumoxide A.

Article No.	Shape	Diameter	Grit Size	Arbor hole
440600	Flat	115 mm	100	22.2 mm
440601	Flat	115 mm	180	22.2 mm
440602	Flat	115 mm	280	22.2 mm
440603	Flat	125 mm	100	22.2 mm
440604	Flat	125 mm	180	22.2 mm
440605	Flat	125 mm	280	22.2 mm



Pferd NON-WOVEN Flap discs POLINOX PNZ

The Non-woven abrasive flaps are stuck to a glass-fabric backing pad, meaning that the discs can be used face down. Along tool life is achieved through the dense packing of the flaps. The tool is designed for working on large surfaces with speed-adjustable angle grinders.

Also very useful on cordless angle grinders.

Abrasive: Aluminiumoxide A

Article No.	Shape	Diameter	Grit Size	Arbor hole
440610	Flat	115 mm	100	22.2 mm
440611	Flat	115 mm	180	22.2 mm
440612	Flat	125 mm	100	22.2 mm
440613	Flat	125 mm	180	22.2 mm



Pferd POLICLEAN Discs PLCD + PLCD PLUS

The non woven cleaning material is glued onto a glass-fabric base. This makes the POLICLEAN discs suitable for use in face down grinding. For coarse cleaning work such as removing paint, scale, heat discolouration, rust and adhesive residues.

POLICLEAN-PLUS discs (blue) exhibit a high stock removal rate with a very long tool life.

Preferably for use on slow-running angle grinders.

For the best result use at recommended cutting speed of 30-35 m/s.

For angle grinders and cordless angle grinders.

Article No.	Shape	Diameter	Grit Size	Arbor hole
920510	Flat	115 mm	PLCD	22.2 mm
920511	Flat	125 mm	PLCD	22.2 mm

Article No.	Shape	Diameter	Grit Size	Arbor hole
920512	Flat	100 mm	PLCD PLUS	22.2 mm
920513	Flat	115 mm	PLCD PLUS	22.2 mm
920514	Flat	125 mm	PLCD PLUS	22.2 mm

