

PFERD tools with **XLOCK**
Just one Click



**YOU KNOW HOW.
WE KNOW WOW!**

Innovation

- Quick and comfortable tool changes
- Secure mounting of different tools
- Can also be used on conventional angle grinders

TRUST BLUE

X-LOCK from Bosch is the world's first quick-changing system for angle grinders: position the tool in the X-LOCK holder, click it into place – and you're done. It's never been so easy to change accessories on angle grinders. X-LOCK creates a new standard, makes professionals' work easier and increases the productivity. Bosch Power Tools relies on strong partners like PFERD. PFERD has developed the principle for connecting the X-LOCK punched part with bonded abrasives, flap wheels and brushes and created the conditions to enable them to be produced industrially.



With the Bosch X-LOCK system for angle grinders, you can change tools quickly and comfortably. Instead of a round centre hole, the X-LOCK system features an X-shaped contour, which allows the tool to be fixed on the angle grinder in a form-fitting manner. This guarantees that different tools can be mounted securely and comfortably in the shortest possible time. The unique system meets the highest quality and safety standards and even withstands tough and challenging operating conditions.

Advantages:

- Quick and comfortable tool changes.
- Tools are fixed securely since they audibly click into place.
- Tools with X-LOCK can also be used on conventional angle grinders with an M14 and 5/8"-11 thread (exception: cup brushes).

Recommendations for use:

- Place the tool on the X-LOCK quick-change system of your angle grinder and secure it by lightly pressing it down. The tool will audibly click into place.

How it works:



Place the tool on the X-LOCK quick-change system in a form-fitting manner.



Lightly press the tool down until it audibly clicks into place.



Release the tool by using the lever.



PFERD supplies POLIVLIES flap discs in various grit sizes, diameters and types. These are particularly suited to work on large surfaces made from stainless steel (INOX).

Advantages:

- High profitability thanks to high abrasive performance and long tool life.
- Creates a consistently high surface quality throughout the entire tool life as new, sharp abrasive material is constantly freed up.
- Optimum adaptation to contours thanks to high flexibility.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

- Can be used on nearly all materials.

Matching tool drives:

- Angle grinders
- Cordless angle grinders

Ordering notes:

- When ordering, please state the EAN or the full description. Please complete the description with the desired grit size.

Ordering example:

EAN 4007220**119846**
PVL 115-X-LOCK A **180 M**

Ordering example explanation:

PVL = POLIVLIES flap discs
115 = Outer diameter D [mm]
X-LOCK= Quick-change system
A = Abrasive
180 M = Grit size

Safety notes:

- For safety reasons, the specified maximum permitted rotational speed must never be exceeded.



Flap discs PVL

For universal coarse to fine grinding applications in industry and professional trades.

Abrasive:

Aluminium oxide A

Available POLIVLIES grit sizes:

100 G = coarse (yellow-brown)

180 M = medium (red-brown)

240 F = fine (blue)

Ordering notes:


- Please complete the description with the desired grit size.

PFERDVALUE:



Recommendations for use:

- For the best results, use at a recommended cutting speed of 30–35 m/s.

D [mm]	T [mm]	H [mm]	Grit size			Opt. RPM	Max. RPM		Description
			100 G	180 M	240 F				
EAN 4007220									
115	18	X-LOCK (22.23)	119839	119846	119853	5,000–5,800	13,300	5	PVL 115-X-LOCK A ...
125	18	X-LOCK (22.23)	119860	119907	119914	4,600–5,300	12,200	5	PVL 125-X-LOCK A ...



PSF STEELOX ★★☆☆

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance and long tool life.

Advantages:

- Universally suitable for steel and stainless steel (INOX).
- Fast work progress thanks to high cutting performance.
- High economic efficiency due to long tool life.
- Thin cut-off wheels are ideal for cordless angle grinders.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

steel, stainless steel (INOX)

Applications:

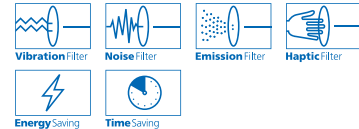
cutting of sheet metal, profiles and solid material, cutting out holes




Abrasive:

Aluminium oxide A

PFERDVALUE:

Thin cut-off wheels:



D [mm]	T/U [mm]	EAN 4007220	H [mm]	Max. RPM		Description
Flat type EHT (shape 41) 						
115	1.0	113400	X-LOCK (22.23)	13,300	25	EHT 115-1,0 PSF STEELOX/X-LOCK
	1.6	113417	X-LOCK (22.23)	13,300	25	EHT 115-1,6 PSF STEELOX/X-LOCK
125	1.0	113431	X-LOCK (22.23)	12,200	25	EHT 125-1,0 PSF STEELOX/X-LOCK
	1.6	113455	X-LOCK (22.23)	12,200	25	EHT 125-1,6 PSF STEELOX/X-LOCK
Depressed-centre type EH (shape 42) 						
115	2.4	113424	X-LOCK (22.23)	13,300	25	EH 115-2,4 PSF STEELOX/X-LOCK
125	2.4	113448	X-LOCK (22.23)	12,200	25	EH 125-2,4 PSF STEELOX/X-LOCK

Cut-off wheels – Performance Line SG ★★☆☆



SG STEELOX ★★☆☆

Cut-off wheel for steel and stainless steel (INOX) with high cutting performance and very long tool life.

Advantages:

- Universally suitable for steel and stainless steel (INOX).
- Fast work progress thanks to high cutting performance.
- Maximum economic efficiency due to very long tool life.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

steel, stainless steel (INOX)

Applications:

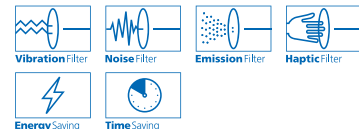
cutting of sheet metal, profiles and solid material, cutting out holes




Abrasive:

High-performance aluminium oxide A

PFERDVALUE:

Thin cut-off wheels:



D [mm]	T/U [mm]	EAN 4007220	H [mm]	Max. RPM		Description
Flat type EHT (shape 41) 						
115	1.0	113486	X-LOCK (22.23)	13,300	25	EHT 115-1,0 SG STEELOX/X-LOCK
	1.6	113509	X-LOCK (22.23)	13,300	25	EHT 115-1,6 SG STEELOX/X-LOCK
125	1.0	113585	X-LOCK (22.23)	12,200	25	EHT 125-1,0 SG STEELOX/X-LOCK
	1.6	113592	X-LOCK (22.23)	12,200	25	EHT 125-1,6 SG STEELOX/X-LOCK
Depressed-centre type EH (shape 42) 						
115	2.4	113479	X-LOCK (22.23)	13,300	25	EH 115-2,4 SG STEELOX/X-LOCK
125	2.4	113493	X-LOCK (22.23)	12,200	25	EH 125-2,4 SG STEELOX/X-LOCK

Z PSF STEELOX ★★☆☆

POLIFAN flap disc with aggressive stock removal rate and long tool life.

Advantages:

- Fast work progress and high economic efficiency thanks to the aggressive stock removal rate.
- Long tool life.
- Also suitable for low-power angle grinders.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

steel, stainless steel (INOX)

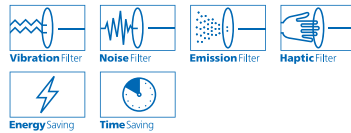
Applications:


surface grinding, weld dressing, chamfering, deburring

Abrasive:

Zirconia alumina Z

PFERDVALUE:



D [mm]	Grit size			H [mm]	Max. RPM		Description
	40	60	80				
EAN 4007220							

Conical type PFC 

115	113608	113615	113622	X-LOCK (22.23)	13,300	10	PFC 115 Z ... PSF STEELOX/X-LOCK
125	113639	113646	113653	X-LOCK (22.23)	12,200	10	PFC 125 Z ... PSF STEELOX/X-LOCK

POLIFAN flap discs – Performance Line SG ★★☆☆

Z SG POWER STEELOX ★★☆☆

The flap disc POLIFAN Z SG POWER stands out due to its aggressive stock removal rate and excellent tool life while achieving the highest level of efficiency. It is the best conventional flap disc for steel.

Advantages:

- Fast work progress and maximum economic efficiency thanks to the aggressive stock removal rate.
- Maximum aggressiveness over the entire tool life.
- Fewer tool changes due to the excellent tool life.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

steel, stainless steel (INOX)

Applications:

weld dressing, chamfering, deburring

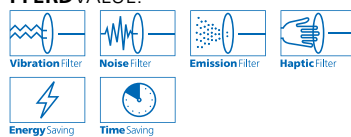
Abrasive:


Zirconia alumina Z

Recommendations for use:

- Also suitable for surface grinding on steel.

PFERDVALUE:



D [mm]	Grit size			H [mm]	Max. RPM		Description
	40	60	80				
EAN 4007220							

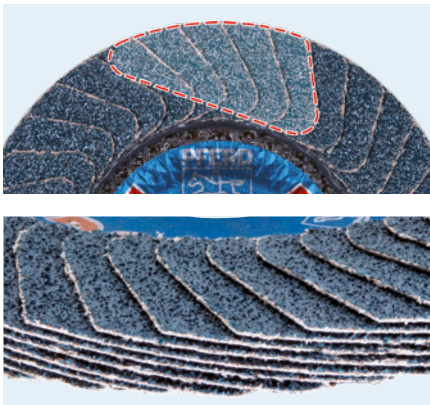
Conical type PFC 

115	113677	113684	113691	X-LOCK (22.23)	13,300	10	PFC 115 Z ... SG POWER STEELOX/X-LOCK
125	113707	113714	113721	X-LOCK (22.23)	12,200	10	PFC 125 Z ... SG POWER STEELOX/X-LOCK



PFERD tools with X-LOCK

POLIFAN flap discs – Special Line SGP ★★★★★



Long, compactly arranged flaps

POLIFAN-STRONG STEEL

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.

Advantages:

- 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.
- Extremely long tool life.
- With X-LOCK quick-change system for comfortable and quick tool changes.



Z SGP STRONG STEEL ★★★★★

Materials that can be worked:
steel

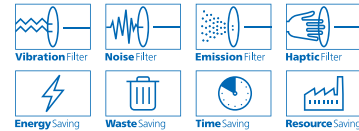
Applications:
weld dressing, chamfering, deburring



Abrasive:
Zirconia alumina Z

Recommendations for use:

- 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.

PFERDVALUE:



D [mm]	Grit size		H [mm]	Max. RPM		Description
	36	50				
	EAN 4007220					
Conical type PFC 						
115	113738	113745	X-LOCK (22.23)	13,300	10	PFC 115 Z ... SGP STRONG STEEL/X-LOCK
125	113752	113769	X-LOCK (22.23)	12,200	10	PFC 125 Z ... SGP STRONG STEEL/X-LOCK



POLIFAN-CURVE

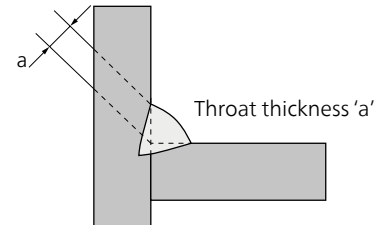
The patented flap disc POLIFAN-CURVE has been specially developed for work on fillet welds. It is the only flap disc in the world that has flaps on both the grinding side and on the rear side, as well as on the radius.

Advantages:

- 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.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Recommendations for use:

- Type M:
For fillet weld radii over 5 mm or throat thickness up to 6 mm with 90° joint, width at the radius: 11 mm.
- Type L:
For fillet weld radii over 8 mm or throat thickness over 6 mm with 90° joint, width at the radius: 14 mm.



Z SGP CURVE STEELOX ★★★★★

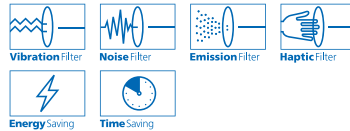
High-performance flap disc for maximum stock removal on steel and stainless steel (INOX).


Materials that can be worked:
steel, stainless steel (INOX)

Applications:
work on fillet welds, weld dressing, chamfering, deburring

Abrasive:
Zirconia alumina Z

PFERDVALUE:



D [mm]	Fillet weld radius	Grit size	Width	H [mm]	Max. RPM		Description
		40					
		EAN 4007220					

Radial type PFR



115	> 5 mm	113776	M (11 mm)	X-LOCK (22.23)	13,300	10	PFR 115-M Z 40 SGP CURVE STEELOX/X-LOCK
	> 8 mm	113783	L (14 mm)	X-LOCK (22.23)	13,300	10	PFR 115-L Z 40 SGP CURVE STEELOX/X-LOCK
125	> 5 mm	113790	M (11 mm)	X-LOCK (22.23)	12,200	10	PFR 125-M Z 40 SGP CURVE STEELOX/X-LOCK
	> 8 mm	113806	L (14 mm)	X-LOCK (22.23)	12,200	10	PFR 125-L Z 40 SGP CURVE STEELOX/X-LOCK



PFERD tools with X-LOCK

Grinding wheels – Universal Line PSF ★★☆☆



PSF STEEL ★★☆☆

Grinding wheel for steel with high grinding performance and long tool life.

Advantages:

- Fast work progress and high economic efficiency thanks to the high grinding performance.
- Long tool life.
- Also suitable for low-power angle grinders. Soft grinding characteristics, achieves particularly high stock removal rates even at low contact pressure.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Materials that can be worked:

steel, cast iron

Applications:



surface grinding, weld dressing, work on fillet welds, grouting, chamfering, deburring

Abrasive:

Aluminium oxide A

PFERDVALUE:



D [mm]	U [mm]	EAN 4007220	H [mm]	Max. RPM		Description
Depressed-centre type E (shape 27) 						
115	7.2	113516	X-LOCK (22.23)	13,300	10	E 115-7 PSF STEEL/X-LOCK
125	7.2	113523	X-LOCK (22.23)	12,200	10	E 125-7 PSF STEEL/X-LOCK

Grinding wheels – Performance Line SG ★★☆☆



SG STEEL ★★☆☆

Grinding wheel for steel with high grinding performance and very long tool life.

Advantages:

- Fast work progress and maximum economic efficiency thanks to the high grinding performance.
- Fewer tool changes due to the very long tool life.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Applications:

surface grinding, weld dressing, work on fillet welds, grouting, chamfering, deburring

Abrasive:



Special aluminium oxide A

Recommendations for use:

- Width of 4.1 mm is ideal for work on root seams.

PFERDVALUE:



D [mm]	U [mm]	EAN 4007220	H [mm]	Max. RPM		Description
Depressed-centre type E (shape 27) 						
115	4.1	113530	X-LOCK (22.23)	13,300	10	E 115-4,1 SG STEEL/X-LOCK
	7.2	113554	X-LOCK (22.23)	13,300	10	E 115-7 SG STEEL/X-LOCK
125	4.1	113547	X-LOCK (22.23)	12,200	10	E 125-4,1 SG STEEL/X-LOCK
	7.2	113561	X-LOCK (22.23)	12,200	10	E 125-7 SG STEEL/X-LOCK



TBU

Excellent for medium-duty brushing such as deburring, cleaning and derusting on large surfaces.

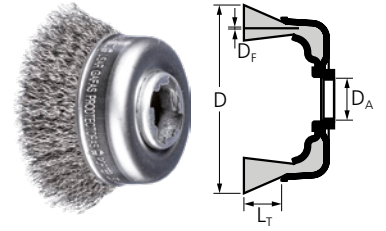
Advantages:


- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Recommendations for use:

- For optimum results, use on speed-adjustable angle grinders.

PFERDVALUE:



D [mm]	L _T [mm]	D _A	D _f [mm]	Packaging	Opt. RPM	Max. RPM	Description
				 EAN 4007220			

Steel wire (ST)

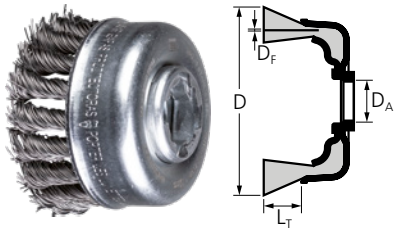
60	20	X-LOCK	0.30	119150	6,300–9,400	12,500	POS TBU 60/X-LOCK ST 0,30
75	25	X-LOCK	0.30	119327	6,300–9,400	12,500	POS TBU 75/X-LOCK ST 0,30

Stainless steel wire (INOX)

All INOX brushes are degreased.

60	20	X-LOCK	0.30	119198	5,000–8,100	12,500	POS TBU 60/X-LOCK INOX 0,30
75	25	X-LOCK	0.30	119440	5,000–8,100	12,500	POS TBU 75/X-LOCK INOX 0,30





TBG

Aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning and derusting on large surfaces.

Advantages:

- Aggressive brushing effect due to the very stiff wire knots.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Recommendations for use:

- For optimum results, use on powerful angle grinders.

PFERDVALUE:



D [mm]	L _T [mm]	D _A	D _F [mm]	Knots [pcs.]	Packaging	Opt. RPM	Max. RPM	Description
					 EAN 4007220			

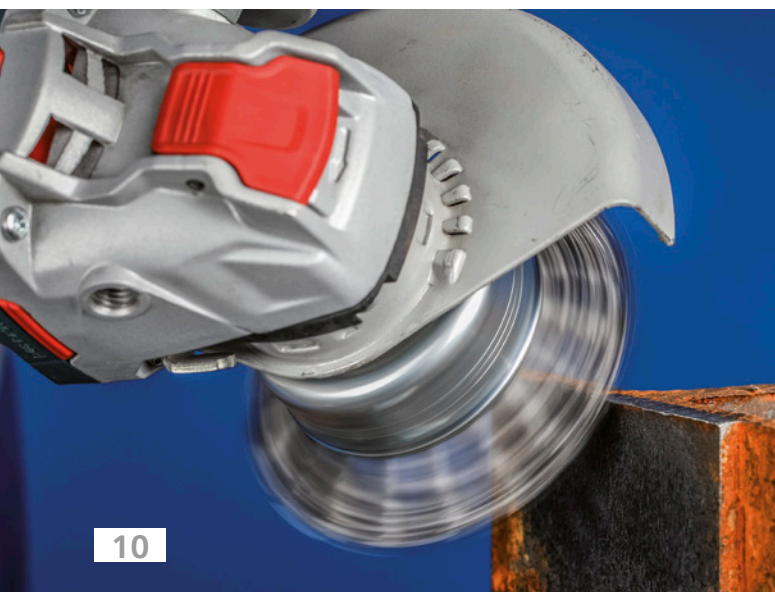
Steel wire (ST)

65	22	X-LOCK	0.35	18	119457	6,300–12,500	12,500	POS TBG 65/X-LOCK ST 0,35
			0.50	18	119532			POS TBG 65/X-LOCK ST 0,50
80	20	X-LOCK	0.50	20	119686	5,000–10,000	11,500	POS TBG 80/X-LOCK ST 0,50

Stainless steel wire (INOX)

All INOX brushes are degreased.

65	22	X-LOCK	0.35	18	119624	5,000–12,500	12,500	POS TBG 65/X-LOCK INOX 0,35
			0.50	18	119631			POS TBG 65/X-LOCK INOX 0,50
80	20	X-LOCK	0.50	20	119730	4,000–10,000	11,500	POS TBG 80/X-LOCK INOX 0,50



RBG

Aggressive brush. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams and removal of adhesive residues.

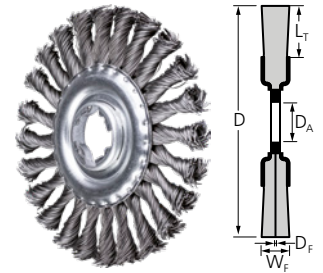
Advantages:


- Aggressive brushing effect due to the very stiff wire knots.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Recommendations for use:

- For optimum results, use on powerful angle grinders.

PFERDVALUE:



D [mm]	W _F [mm]	L _T [mm]	D _A	D _F [mm]	Knots [pcs.]	Packaging	Opt. RPM	Max. RPM	Description
									
						EAN 4007220			

Steel wire (ST)

115	12	22	X-LOCK (22.23)	0.50	24	118559	6,300–12,500	12,500	POS RBG 11512/X-LOCK ST 0,50
125	12	28	X-LOCK (22.23)	0.50	24	118764	5,500–12,500	12,500	POS RBG 12512/X-LOCK ST 0,50

Stainless steel wire (INOX)

All INOX brushes are degreased.

115	12	22	X-LOCK (22.23)	0.50	24	118757	5,000–12,500	12,500	POS RBG 11512/X-LOCK INOX 0,50
125	12	28	X-LOCK (22.23)	0.50	24	118771	4,400–12,500	12,500	POS RBG 12512/X-LOCK INOX 0,50

Wheel brushes, Pipeline

RBG PIPE, Pipeline

Aggressive and robust brush that is able to withstand high mechanical loads. Perfect for heavy-duty brushing in pipeline and container construction.

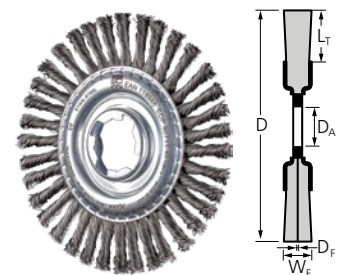
Advantages:

- Extra-slim design enables optimal access to hard-to-reach areas such as root weld seams.
- Aggressive brushing effect due to the very stiff wire knots.
- With X-LOCK quick-change system for comfortable and quick tool changes.

Recommendations for use:

- For optimum results, use on powerful angle grinders.

PFERDVALUE:



D [mm]	W _F [mm]	L _T [mm]	D _A	Knots [pcs.]	D _F [mm]	Packaging	Opt. RPM	Max. RPM	Description
									
						EAN 4007220			

Steel wire (ST)

115	6	21	X-LOCK (22.23)	36	0.50	118948	6,300–12,500	12,500	POS RBG 11506/X-LOCK PIPE ST 0,50
125	6	18	X-LOCK (22.23)	48	0.50	119136	6,300–12,500	12,500	POS RBG 12506/X-LOCK PIPE ST 0,50

