



PFERD products with **XLOCK**
Just one click



- Quick and easy product changes
- Safe and secure mounting system
- Products are compatible with conventional angle grinders

With the BOSCH X-LOCK system for angle grinders, you can change products quickly and comfortably. Instead of a round centre hole, the X-LOCK system features an X-shaped contour, which allows the product to be fixed on the angle grinder in a form-fitting manner. This guarantees that different products 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 product changes.
- Products are fixed securely since they audibly click into place.
- X-LOCK products can also be used on conventional angle grinders with 5/8-11 thread (exception: cup brushes).

Recommendations for use:

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

How it works:



Place the disc or brush on the X-LOCK holder in a form-fitting manner.

Lightly press the disc or brush down until it audibly clicks into place.

Release the disc or brush by using the lever.

Aluminum oxide A

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

Abrasive:

Aluminum oxide A

Available POLIVLIES® grit sizes:

100 C = coarse (yellow-brown)


180 M = medium (red-brown)

240 F = fine (blue)

Recommendations for use:

- For the best results, use at a recommended peripheral speed of 6,000–6,900 SFPM.



D [Inches]	T [Inches]	H [Inches]	Grit, type and EDP number			Opt. RPM	Max. RPM	
			100 C	180 M	240 F			
X-LOCK								
4-1/2	3/4	X-LOCK (7/8)	43303	43304	43305	5,000–5,800	13,300	5
5	3/4	X-LOCK (7/8)	43306	43307	43308	4,600–5,300	12,200	5



Cut-off wheels with X-LOCK quick-change system

Universal Line PSF ★★☆☆



PSF STEELOX ★★☆☆

Fast-cutting cut-off wheel for steel and stainless steel (INOX) with long service life.

Advantages:

- Quick and comfortable disc changes.
- Single solution for steel and stainless steel (INOX).
- Reduced cutting time.
- Increased economic efficiency due to long tool life.
- Ideal for use with cordless angle grinders.

Workpiece materials:

steel, stainless steel (INOX)

Applications:

cutting sheet metal, cutting hollow sections, cutting solid materials

Abrasive:

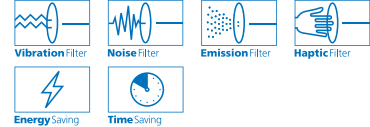
Aluminum oxide A




Technical information:

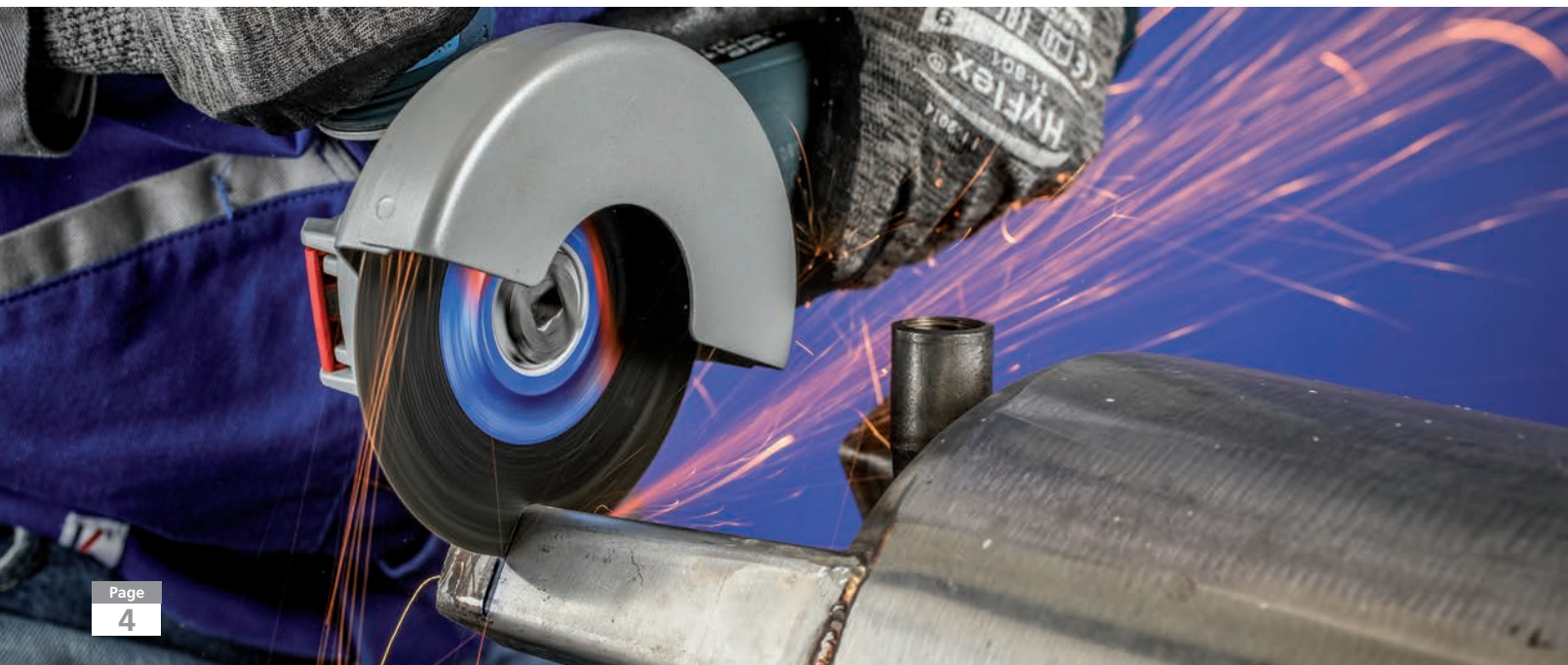
A 46 P

PFERDVALUE®:

Thin cut-off wheels:



D [Inches]	T/U [Inches]	H [Inches]	EDP number	Max. RPM	
Flat (type 1/41)		 X-LOCK			
4-1/2	.040	X-LOCK (7/8)	63735	13,300	25
	.045	X-LOCK (7/8)	63736	13,300	25
5	.040	X-LOCK (7/8)	63737	12,200	25
	.045	X-LOCK (7/8)	63738	12,200	25
Depressed centre (type 27/42)		 X-LOCK			
4-1/2	.045	X-LOCK (7/8)	63743	13,300	25
	3/32	X-LOCK (7/8)	63739	13,300	25
5	.045	X-LOCK (7/8)	63744	12,200	25
	3/32	X-LOCK (7/8)	63740	12,200	25





Cut-off wheels with XLOCK quick-change system

Performance Line SG ★★★★★

SG STEELOX ★★★★★

Fast-cutting cut-off wheel for steel and stainless steel (INOX) with very long service life.

Advantages:

- Quick and comfortable disc changes.
- Single solution for steel and stainless steel (INOX).
- Reduced cutting time.
- Maximum economic efficiency due to very long service life.

Workpiece materials:

steel, stainless steel (INOX)

Applications:

cutting sheet metal, cutting hollow sections, cutting solid materials

Abrasive:

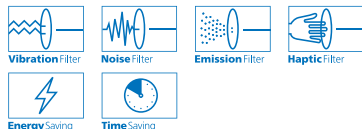
High-performance aluminum oxide A




Technical information:

A 46 R

PFERDVALUE®:

Thin cut-off wheels:



D [Inches]	T/U [Inches]	H [Inches]	EDP number	Max. RPM	
Flat (type 1/41)  X-LOCK					
4-1/2	.040	X-LOCK (7/8)	63751	13,300	25
	.045	X-LOCK (7/8)	63752	13,300	25
5	.040	X-LOCK (7/8)	63753	12,200	25
	.045	X-LOCK (7/8)	63754	12,200	25
Depressed centre (type 27/42)  X-LOCK					
4-1/2	.045	X-LOCK (7/8)	63745	13,300	25
	3/32	X-LOCK (7/8)	63755	13,300	25
5	.045	X-LOCK (7/8)	63746	12,200	25
	3/32	X-LOCK (7/8)	63756	12,200	25



POLIFAN® flap discs with XLOCK quick-change system

Universal Line PSF ★★☆☆☆



Z PSF STEELOX ★★☆☆☆

Zirconia alumina flap disc with aggressive stock removal rate and long service life.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and increased economic efficiency due to the aggressive stock removal rate.
- Long service life.
- Good option for low-powered angle grinders (< 9 amps).

Workpiece materials:

steel, stainless steel (INOX)

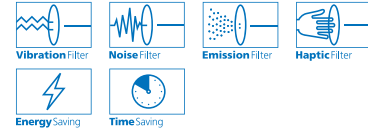
Applications:

surface grinding, weld dressing, blending, chamfering, deburring

Abrasive:

Zirconia alumina Z

PFERDVALUE®:



D [Inches]	H [Inches]	Grit and EDP number			Max. RPM	
		40	60	80		
Conical (type 29, PFC)		X-LOCK				
4-1/2	X-LOCK (7/8)	60761	60762	60763	13,300	10
5	X-LOCK (7/8)	60764	60765	60766	12,200	10



Z PSF EXTRA STEELOX ★★☆☆☆

Zirconia alumina flap disc with aggressive stock removal rate and long service life.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and increased economic efficiency due to the aggressive stock removal rate.
- Very long service life due to the high-density flap arrangement.
- Good option for low-powered angle grinders (< 9 amps).

Workpiece materials:

steel, stainless steel (INOX)

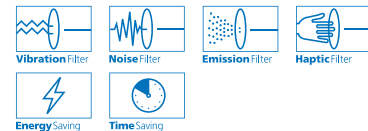
Applications:

surface grinding, weld dressing, blending, chamfering, deburring

Abrasive:

Zirconia alumina Z

PFERDVALUE®:



D [Inches]	H [Inches]	Grit and EDP number			Max. RPM	
		40	60	80		
Flat (type 27, PFF)		X-LOCK				
4-1/2	X-LOCK (7/8)	60741	60742	60743	13,300	10
5	X-LOCK (7/8)	60744	60745	60746	12,200	10



POLIFAN® flap discs with XLOCK quick-change system

Performance Line SG ★★★★★

Z SG POWER STEELOX ★★★★★

The POLIFAN® Z SG POWER flap disc features an aggressive stock removal rate and excellent service life to achieve the highest level of efficiency. It is the best conventional flap disc for steel.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and maximum economic efficiency due to the aggressive stock removal rate.
- Maintains maximum aggressiveness throughout the entire service life.
- Fewer wheel changes due to the excellent service life.

Workpiece materials:

steel, stainless steel (INOX)

Applications:

weld dressing, blending, chamfering, deburring

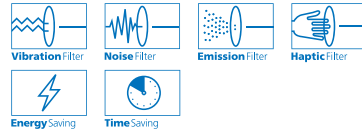
Abrasive:

Zirconia alumina Z

Recommendations for use:

- Also suitable for surface grinding on steel.

PFERDVALUE®:



D [Inches]	H [Inches]	Grit and EDP number			Max. RPM	
		40	60	80		
Conical (type 29, PFC)						
4-1/2	X-LOCK (7/8)	60775	60776	60777	13,300	10
5	X-LOCK (7/8)	60778	60779	60780	12,200	10



POLIFAN® flap discs with XLOCK quick-change system

Special Line SGP ★★★★★

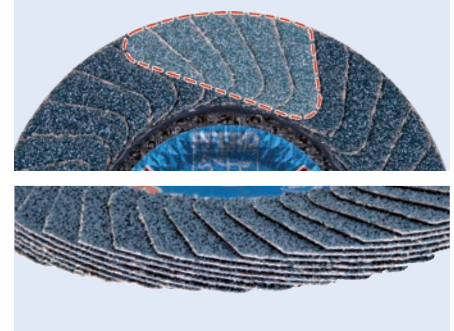


POLIFAN®-STRONG STEEL

Users who rely on top performance choose the innovative POLIFAN®-STRONG flap disc. It surpasses conventional flap discs and redefines the highest levels of efficiency. Due to its patented and unique design, it achieves an unsurpassed stock removal rate. It also has an astonishingly long service life over conventional flap discs.

Advantages:

- Quick and comfortable disc changes.
- Fast grinding through constant grinding aggressiveness down to the last abrasive grain.
- Ultimate economic efficiency due to extremely fast stock removal rate.
- Extremely long service life due to patented flap design.



Long, compact arranged flaps



Z SGP STRONG STEEL ★★★★★

Workpiece materials:
steel

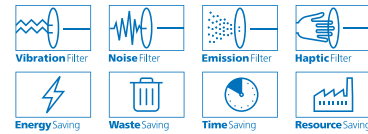
Applications:
weld dressing, chamfering, deburring

Abrasive:
Zirconia alumina Z

Recommendations for use:
■ Grit size 36 is ideal for high stock removal, e.g. during work on weld seams.

■ Grit size 50 is ideal for work on edges, e.g. chamfering or achieving a finer surface finish.

PFERDVALUE®:



D [Inches]	H [Inches]	Grit and EDP number		Max. RPM	
		36	50		
Conical (type 29, PFC)		X-LOCK			
4-1/2	X-LOCK (7/8)	60787	60788	13,300	10
5	X-LOCK (7/8)	60789	60790	12,200	10





POLIFAN® flap discs with X-LOCK quick-change system

Special Line SGP ★★★★★

POLIFAN®-CURVE

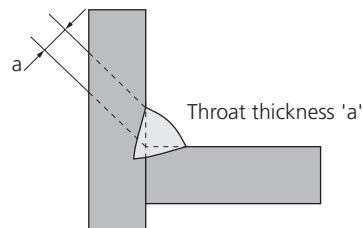
The patented flap disc POLIFAN®-CURVE has been specially developed for work on fillet welds. It is the only flap disc in the world that has flaps on both the grinding side and on the rear side, as well as on the radius.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and ultimate economic efficiency due to the extremely aggressive stock removal rate.
- Outstanding tool life when working on fillet welds.
- Precise and optimum grinding of the fillet weld geometry.

Recommendations for use:

- Size M (medium): For fillet weld radii $> 3/16''$ or throat thickness $\leq 1/4''$ with 90° joint, width at the radius: $7/16''$.
- Size L (large): For fillet weld radii $> 5/16''$ or throat thickness $> 1/4''$ with 90° joint, width at the radius: $9/16''$.



Z SGP CURVE STEELOX ★★★★★

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

Workpiece materials:

steel, stainless steel (INOX)

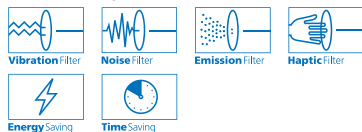
Applications:

fillet weld edge grinding, weld dressing, chamfering, deburring

Abrasive:

Zirconia alumina Z

PFERDVALUE®:



D [Inches]	H [Inches]	Size and EDP number		Grit	Max. RPM	
		Size medium	Size large			
Radial type PFR (CURVE)				X-LOCK		
4-1/2	X-LOCK (7/8)	67796	67797	40	13,300	10
5	X-LOCK (7/8)	67798	67799	40	12,200	10



Grinding wheels with X-LOCK quick-change system

Universal Line PSF ★★☆☆ | Performance Line SG ★★★★★



PSF STEEL ★★☆☆

General purpose grinding wheel with high stock removal rate and long service life for steel.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and increased economic efficiency due to the high stock removal rate.
- Long service life.
- Also suitable for low-powered angle grinders (< 9 amps). Achieves high stock removal rates even at low contact pressure.

Applications:

weld dressing, chamfering, deburring, surface grinding, fillet weld edge grinding

Abrasive:



Aluminum oxide A

Technical information:

A 24 R

Workpiece materials:

steel, cast iron

D [Inches]	U [Inches]	H [Inches]	EDP number	Max. RPM	
Depressed centre (type 27)  X-LOCK					
4-1/2	1/4	X-LOCK (7/8)	60171	13,300	10
5	1/4	X-LOCK (7/8)	60172	12,200	10



SG STEEL ★★★★★

Grinding wheel for steel with high stock removal and very long service life.

Advantages:

- Quick and comfortable disc changes.
- Reduced labour time and maximum economic efficiency due to the high stock removal rate.
- Fewer disc changes due to the very long service life.

Abrasive:

Premium aluminum oxide A

Technical information:

A 24 R

Recommendations for use:



- 1/8" thick grinding wheels are ideal for edge/root pass grinding.

Workpiece materials:

steel

Applications:

weld dressing, chamfering, deburring, surface grinding, fillet weld edge grinding

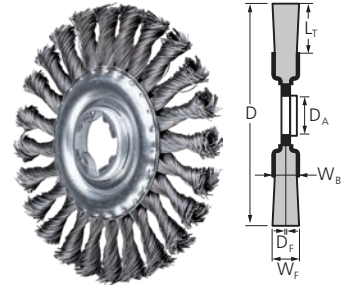
D [Inches]	U [Inches]	H [Inches]	EDP number	Max. RPM	
Depressed centre (type 27)  X-LOCK					
4-1/2	1/8	X-LOCK (7/8)	60181	13,300	10
	1/4	X-LOCK (7/8)	60182	13,300	10
5	1/8	X-LOCK (7/8)	60183	12,200	10
	1/4	X-LOCK (7/8)	60184	12,200	10


Standard twist

This brush features knots that are twisted approximately 75% of the trim length. The loosely-twisted knots cover a larger surface area and are ideal for heavy-duty cleaning and surface conditioning on uneven surfaces. For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

Advantages:

- Loosely-twisted knots cover a large surface area.
- Good balance between aggressiveness and flexibility.



D [Inches]	D _A [Inches]	Knots [pcs.]	L _T [Inches]	W _F [Inches]	D _F [Inches] and EDP number	Opt. RPM	Max. RPM	
					.014			

Carbon steel wire

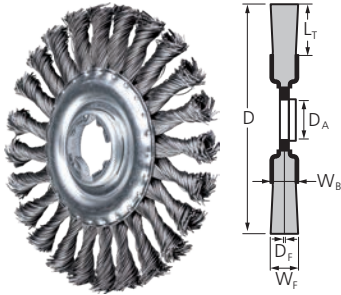
4	X-LOCK (7/8)	22	7/8	5/8	80705	10,000–15,000	20,000	1
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Stainless steel wire (INOX)

All X-LOCK INOX brushes are degreased.

4	X-LOCK (7/8)	22	7/8	5/8	80422	8,000–15,000	20,000	1
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Full cable twist

These brushes feature tightly twisted knots for low flex, high impact brushing action. Full cable twist is ideal for tough brushing applications. For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

Advantages:

- Tightly-twisted knots result in very aggressive brushing action.

D [Inches]	D _A [Inches]	Knots [pcs.]	L _T [Inches]	W _F [Inches]	D _F [Inches] and EDP number		Opt. RPM	Max. RPM	
					.014	.020			

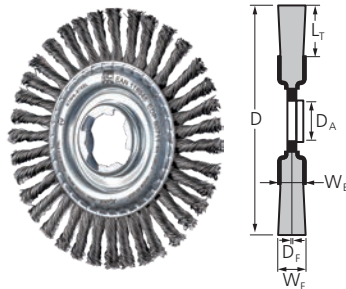
Carbon steel wire

4	X-LOCK (7/8)	22	3/4	1/2	80706	80707	10,000–15,000	20,000	1
4-1/2	X-LOCK (7/8)	24	7/8	1/2	-	80708	6,300–12,500	12,500	1
4-7/8	X-LOCK (7/8)	24	1-1/16	1/2	-	80709	6,300–12,500	12,500	1

Stainless steel wire (INOX)

All X-LOCK INOX brushes are degreased.

4-1/2	X-LOCK (7/8)	24	7/8	1/2	-	80423	5,000–12,500	12,500	1
4-7/8	X-LOCK (7/8)	24	1-1/16	1/2	-	80424	5,000–12,500	12,500	1




Stringer bead twist

Most aggressive brushing action, perfect for heavy-duty brushing in pipeline and container construction.

Advantages:

- Narrow face width enables optimal access to hard-to-reach areas such as root weld seams.

D [Inches]	D _A [Inches]	Knots [pcs.]	L _T [Inches]	W _F [Inches]	D _F [Inches] and EDP number		Opt. RPM	Max. RPM	
					.020				

Carbon steel wire

4	X-LOCK (7/8)	32	3/4	3/16	80710		10,000–15,000	20,000	1
4-1/2	X-LOCK (7/8)	32	1	3/16	80711		6,300–12,500	12,500	1
4-7/8	X-LOCK (7/8)	38	3/4	3/16	80412		6,300–12,500	12,500	1

Stainless steel wire (INOX)

All X-LOCK INOX brushes are degreased.

4	X-LOCK (7/8)	32	3/4	3/16	80425		8,000–15,000	20,000	1
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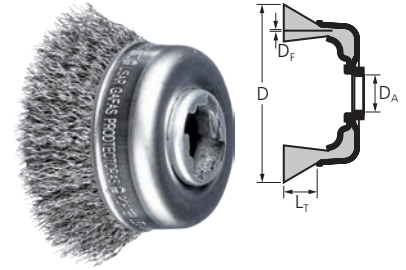
The box quantity and EDP of POP items are printed in "blue".


Crimped Cup

Ideal for brushing uneven surfaces. Used for light to medium duty brushing action such as removal of light scale, dirt, rust, corrosion and light burrs.

Advantages:

- Highly flexible, enabling optimal adjustment to workpiece contours.
- Designed for use on right angle grinders.



D [Inches]	D _A	L _T [Inches]	D _F [Inches] and EDP number		Opt. RPM	Max. RPM	
			.012				
Carbon steel wire							
3	X-LOCK	7/8	80715		6,300–9,400	12,500	1
Stainless steel wire (INOX)							
All X-LOCK INOX brushes are degreased.							
3	X-LOCK	7/8	80427		5,000–8,100	12,500	1

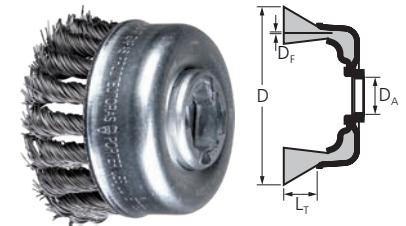
Knot cup brushes


Single row, full cable twist

These brushes feature tightly twisted knots for low flex, high impact brushing action. Full cable twist is ideal for tough brushing applications. For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

Advantages:

- Tightly-twisted knots result in very aggressive brushing action.
- Internal nut results in reduced operator fatigue and improved control.

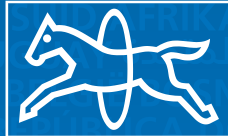


D [Inches]	D _A	Knots [pcs.]	L _T [Inches]	D _F [Inches] and EDP number		Opt. RPM	Max. RPM	
				.014	.020			
Carbon steel wire								
2-3/4	X-LOCK	18	3/4	80716	80717	6,300–12,500	12,500	1
3	X-LOCK	20	3/4	-	80718	5,000–10,000	11,500	1
Stainless steel wire (INOX)								
All X-LOCK INOX brushes are degreased.								
2-3/4	X-LOCK	18	3/4	80428	80429	5,000–12,500	12,500	1
3	X-LOCK	20	3/4	-	80430	4,000–10,000	11,500	1





PFERD



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