

POLICLEAN® PLUS is a coarsely structured, abrasive, non-woven cleaning fabric that was developed from a special combination of synthetic fibres and abrasive grain.

The comprehensive range of POLICLEAN® PLUS products contain:

- POLICLEAN® PLUS wheels
- POLICLEAN® PLUS mounted wheels
- COMBIDISC® POLICLEAN® PLUS discs (see COMBIDISC® discs, page 34)
- POLICLEAN® PLUS discs

Advantages:

- High flexibility and open structure mean ideal adaptation to contours and no loading of the product itself.
- The POLICLEAN® PLUS material exhibits considerably higher stock removal rates with a long service life, and is also very aggressive.

Workpiece materials:

- Can be used on nearly all materials.

Applications:

- Roughing
- Surface work
- Cleaning
- Removing heat discolouration
- Removing paint
- Derusting
- Descaling
- Removing oxidation

Abrasive:

- Aluminum oxide A

Recommendations for use:

- For best performance, use with a recommended peripheral speed of 3,000–4,000 SFPM. This provides an ideal compromise between stock removal rate, surface quality, thermal load on the workpiece and product wear.

Safety notes:

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



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Recommended rotational speed range

Example:

EDP: 44791, 4" POLICLEAN® PLUS wheel

Peripheral speed: 3,000–4,000 SFPM

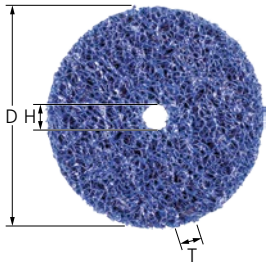
Rotational speed: 2,900–3,800 RPM

Wheel dia. [Inches]	Peripheral speed [SFPM]				
	2,000	3,000	4,000	6,000	8,000
Rotational speeds [RPM]					
3	2,500	3,800	5,100	7,600	10,200
4	1,900	2,900	3,800	5,700	7,600
4-1/2	1,700	2,500	3,400	5,100	6,800
5	1,500	2,300	3,100	4,600	6,100
6	1,300	1,900	2,500	3,800	5,100



Non-woven products

POLICLEAN® PLUS products



POLICLEAN® PLUS wheels

For coarse cleaning work such as removing paint, scale, heat discolouration, rust and adhesive residues in peripheral grinding.

POLICLEAN® PLUS discs exhibit a higher stock removal rate with a very long service life.

Recommendations for use:


- For work on larger surfaces, pack several POLICLEAN® PLUS wheels with the appropriate arbor.

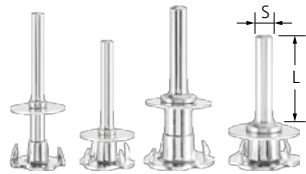
Compatible power tools:

flexible shaft drive, power drill, straight grinder

Ordering notes:

- Please order the matching arbor separately.

D [Inches]	T [Inches]	H [Inches]	EDP number	Opt. RPM	Max. RPM	
3	1/2	1/4	44790	4,000–5,100	10,000	6
4	1/2	1/2	44791	3,000–3,800	7,500	4
6	1/2	1/2	44792	2,000–2,500	5,100	4



Drive arbors for POLICLEAN® PLUS wheels


Arbors for POLICLEAN® PLUS wheels. The different variants provide space for 1 or 2 wheels.

Advantages:

- Increased economic efficiency due to quick wheel changes.

Recommendations for use:

- When replacing the wheels, leave the arbor clamped in the power tool.

Fits arbor hole size [Inches]	S [Inches]	L [Inches]	Compatible POLICLEAN® PLUS wheel	EDP number	No. of wheels	
1/2	1/4	1-1/2	44790, 44791, 44972	44835	1 wheel	1
	1/4	1-1/2	44790, 44791, 44972	44836	2 wheels	1
	3/8	1-1/2	44790, 44791, 44972	44838	1 wheel	1
	3/8	1-1/2	44790, 44791, 44972	44839	2 wheels	1

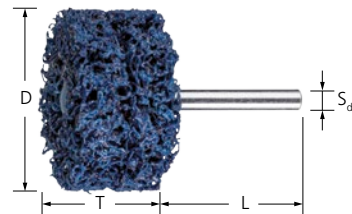



POLICLEAN® PLUS mounted wheels

For coarse cleaning work such as removing paint, scale, heat discoloration, rust and adhesive residues in peripheral grinding.



Compatible power tools:
flexible shaft drive, power drill, straight grinder



D [Inches]	T [Inches]	S _d [Inches]	L [Inches]	EDP number	Opt. RPM	Max. RPM	
2	1/2	1/4	1-1/2	44884	6,000–7,000	15,000	5
	1	1/4	1-1/2	44885	6,000–7,000	15,000	5
3	1/2	1/4	1-1/2	44886	4,000–5,100	10,000	5
	1	1/4	1-1/2	44887	4,000–5,100	10,000	5
4	1/2	1/4	1-1/2	44888	3,000–3,800	7,500	5

POLICLEAN® PLUS discs

The non-woven cleaning material is glued to a fibreglass backer. This makes POLICLEAN® PLUS discs ideal for use in face-down grinding.

For coarse cleaning work such as removing paint, scale, heat discoloration, rust and adhesive residues.

POLICLEAN® PLUS discs exhibit a high stock removal rate with a very long service life.




Recommendations for use:

- Preferably for use on slow-running angle grinders.
- For the best results, use at a recommended peripheral speed of 6,000–6,900 SFPM.

Compatible power tools:
angle grinder, cordless angle grinder

Ordering notes:
T = thickness



D [Inches]	T [Inches]	H [Inches]	EDP number	Opt. RPM	Max. RPM	
Plain arbor hole						
4-1/2	1/2	7/8	44874	5,000–7,000	10,000	5
5	1/2	7/8	44875	5,000–7,000	10,000	5
Threaded hub						
4-1/2	1/2	5/8-11	44879	5,000–7,000	10,000	5
5	1/2	5/8-11	44880	5,000–7,000	10,000	5