

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Flap wheels from LUKAS

LSL, FLAP WHEELS OF ABRASIVE CLOTH, CUSTOMER SOLUTIONS

These wheels, which are available with different bore sizes, are designed to be used with both handheld and stationary machines. The LSL consists of single flaps which are embedded radially to the axis in a solid plastic core. Please pay attention to the rotational direction of the tool!

Application examples:

- Cleaning
- Deburring
- Derusting
- Surface preparation
- Texturing
- Roughening

LSV, FLAP WHEELS OF ABRASIVE FLEECE, CUSTOMER SOLUTIONS

These wheels, which are available with different bore sizes, are designed to be used with both handheld and stationary machines. The LSV consist of abrasive fleece flaps. The use of fibre fleece makes the tool elastic and allows it to adapt itself to the shape of the workpiece.

Application examples:

- Matt finishing
- Satin-matt finishing
- Polishing
- Smoothing
- Final finishing of the workpiece surfaces

LSM, FLAP WHEELS MADE BY COMBINING ABRASIVE FLEECE AND CLOTH, CUSTOMER SOLUTIONS

These wheels, which are available with different bore size, are designed to be used with both handheld and stationary machines. The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared to type LSV. Please pay attention to the rotational direction of the tool!

Application examples:

- Cleaning
- Derusting
- Surface preparation
- Texturing
- Roughening

SAMPLE ORDER

Customised solutions adapted to handle your challenge

We manufacture LUKAS LSL, LSV and LSM flap wheels as well as LUKAS FRV mops according to your specific requirements as individual custom solutions. For this reason, the product tables on **pages 183 – 188** contain a description together with additional information instead of the usual article numbers.

After you have selected the right tool for your application, add the required grit size and bore to the designation (see example on the right). Please state this information in your order. This enables us to provide you with a tool that is precisely tailored to your needs.

If you have any questions, please contact your LUKAS representative or send an email to le@lukas-erzett.de

Please give the following details when placing your order:

LSL 125025

NK 60

Bore 13

DESCRIPTION

GRIT

BORE (H)

FLAP WHEELS FOR ANGLE GRINDERS

FOR DERUSTING, PAINT STRIPPING, WELD SEAM MACHINING AND MANY OTHER USES

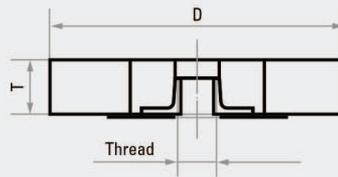
Each flap of this wheel of abrasive cloth is embedded radially to the axis in a solid plastic core. Used with a handheld tool, it is therefore ideal for derusting, removing paint and annealing lacquers, reworking welding seams and for grinding work in container and railing construction, as well as in assembly facilities.

The regular aluminium oxide used for this wheel boasts an impressive tool life on many materials and allows you to work in a cost-effective manner.

The integrated M14 thread means that no additional tool is required for fast and easy mounting of the flap wheel.



LSL, flap wheel of abrasive cloth with thread



- fits on commercially available angle grinders and is used in place of mounted flap wheels with shanks
- can be used without a clamping nut
- ideal for reworking weld seams on stainless steels
- ideal for derusting, removing paint and annealing lacquers, reworking welding seams and for grinding work in container and railing construction, as well as in assembly facilities
- grinding is only permitted with the peripheral surface

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Product number	Description	Grit	D mm	T mm	Thread	n _{recom} rpm	n _{max} rpm	Pack contains
A2280125200040	LSL 125020	NK 40	125	20	M14	9,600	12,200	5
A2280125200040001	LSL 125020	NK 40	125	20	5/8"	9,600	12,200	5
A2280125200060	LSL 125020	NK 60	125	20	M14	9,600	12,200	5
A2280125200060001	LSL 125020	NK 60	125	20	5/8"	9,600	12,200	5
A2280125200080	LSL 125020	NK 80	125	20	M14	9,600	12,200	5
A2280125200080001	LSL 125020	NK 80	125	20	5/8"	9,600	12,200	5
A2280125200120	LSL 125020	NK 120	125	20	M14	9,600	12,200	5
A2280125200120001	LSL 125020	NK 120	125	20	5/8"	9,600	12,200	5

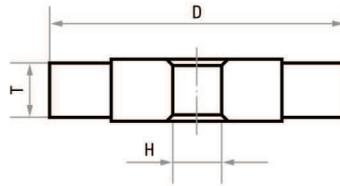
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium



LSL, flap wheel of abrasive cloth

INDIVIDUAL CUSTOMER SOLUTIONS

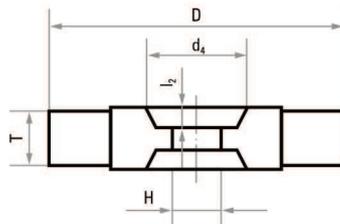
- for cleaning, deburring, derusting, surface preparation, texturing and roughening
- Other dimensions, bores or qualities are available on request. Available diameters 80 mm to max. 400 mm.
- A sample order for this LUKAS custom solution can be found on **page 181**.
- v_{recom} 30 m/s in handheld use
- v_{max} 50 m/s in stationary use
- n_{max} (rpm) applies for stationary use



Description	Grit	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
LSL 125025	NK 60	125	25	13-16-20	4,500	7,600	25
LSL 125025	NK 80	125	25	13-16-20	4,500	7,600	25
LSL 125025	NK 120	125	25	13-16-20	4,500	7,600	25
LSL 125025	NK 150	125	25	13-16-20	4,500	7,600	25
LSL 125025	NK 240	125	25	13-16-20	4,500	7,600	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity



Description	Grit	D mm	T mm	H mm	recess on both sides d_4 mm	recess on both sides l_2 mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
LSL 150050	NK 60	150	50	13-16-20	47	18	3,800	6,300	25
LSL 150050	NK 80	150	50	13-16-20	47	18	3,800	6,300	25
LSL 150050	NK 120	150	50	13-16-20	47	18	3,800	6,300	25
LSL 150050	NK 150	150	50	13-16-20	47	18	3,800	6,300	25
LSL 150050	NK 240	150	50	13-16-20	47	18	3,800	6,300	25
LSL 165050	NK 60	165	50	13-16-20	47	18	3,400	5,700	25
LSL 165050	NK 80	165	50	13-16-20	47	18	3,400	5,700	25
LSL 165050	NK 120	165	50	13-16-20	47	18	3,400	5,700	25
LSL 165050	NK 150	165	50	13-16-20	47	18	3,400	5,700	25
LSL 165050	NK 240	165	50	13-16-20	47	18	3,400	5,700	25
LSL 200025	NK 60	200	25	20-25-32	71	10	2,800	4,700	25
LSL 200025	NK 80	200	25	20-25-32	71	10	2,800	4,700	25
LSL 200025	NK 120	200	25	20-25-32	71	10	2,800	4,700	25
LSL 200025	NK 150	200	25	20-25-32	71	10	2,800	4,700	25
LSL 200025	NK 240	200	25	20-25-32	71	10	2,800	4,700	25
LSL 200050	NK 60	200	50	20-25-32	71	18	2,800	4,700	25
LSL 200050	NK 80	200	50	20-25-32	71	18	2,800	4,700	25
LSL 200050	NK 120	200	50	20-25-32	71	18	2,800	4,700	25
LSL 200050	NK 150	200	50	20-25-32	71	18	2,800	4,700	25
LSL 200050	NK 240	200	50	20-25-32	71	18	2,800	4,700	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

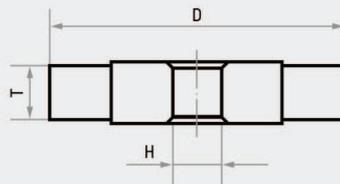
*minimum order quantity

LUKAS FLAP WHEEL MADE OF ABRASIVE FLEECE

ADAPTED TO HANDLE YOUR SPECIFIC CHALLENGES

LSV, flap wheel of abrasive fleece

INDIVIDUAL CUSTOMER SOLUTIONS



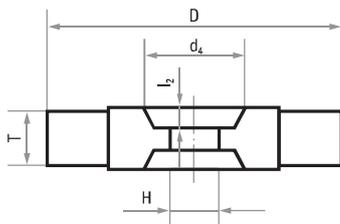
- for matt finishing, satin finishing, polishing, smoothening and final surface finishing
- Other dimensions, bores or qualities (e.g. "very hard" version or impregnated with polyurethane) are available upon request. Available diameters 80 mm to max. 400 mm.
- A sample order for this LUKAS custom solution can be found on [page 181](#).
- v_{\max} 35 m/s

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Description	Quality	Grit	Type	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
LSV 100050	A104 W	NK 100	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	A106 W	NK 180	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	A107 W	NK 280	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	C204 W	SIC 100	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	C206 W	SIC 180	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	C207 W	SIC 280	soft	100	50	13-16-20	3,000	6,000	25
LSV 100050	A104 M	NK 100	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	A106 M	NK 180	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	A107 M	NK 280	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	C204 M	SIC 100	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	C206 M	SIC 180	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	C207 M	SIC 280	medium	100	50	13-16-20	3,000	6,000	25
LSV 100050	A104 H	NK 100	hard	100	50	13-16-20	3,000	6,000	25
LSV 100050	A106 H	NK 180	hard	100	50	13-16-20	3,000	6,000	25
LSV 100050	A107 H	NK 280	hard	100	50	13-16-20	3,000	6,000	25
LSV 100050	C204 H	SIC 100	hard	100	50	13-16-20	3,000	6,000	25
LSV 100050	C206 H	SIC 180	hard	100	50	13-16-20	3,000	6,000	25
LSV 100050	C207 H	SIC 280	hard	100	50	13-16-20	3,000	6,000	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity



Description	Quality	Grit	Type	D mm	T mm	H mm	recess on both sides d ₄ mm	recess on both sides l ₂ mm	n _{recom} rpm	n _{max} rpm	MOQ* pcs.
LSV 150050	A104 W	NK 100	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A106 W	NK 180	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A107 W	NK 280	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C204 W	SIC 100	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C206 W	SIC 180	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C207 W	SIC 280	soft	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A104 M	NK 100	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A106 M	NK 180	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A107 M	NK 280	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C204 M	SIC 100	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C206 M	SIC 180	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C207 M	SIC 280	medium	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A104 H	NK 100	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A106 H	NK 180	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	A107 H	NK 280	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C204 H	SIC 100	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C206 H	SIC 180	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 150050	C207 H	SIC 280	hard	150	50	13-16-20	47	18	2,000	4,000	25
LSV 160050	A104 W	NK 100	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A106 W	NK 180	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A107 W	NK 280	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C204 W	SIC 100	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C206 W	SIC 180	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C207 W	SIC 280	soft	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A104 M	NK 100	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A106 M	NK 180	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A107 M	NK 280	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C204 M	SIC 100	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C206 M	SIC 180	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C207 M	SIC 280	medium	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A104 H	NK 100	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A106 H	NK 180	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	A107 H	NK 280	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C204 H	SIC 100	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C206 H	SIC 180	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 160050	C207 H	SIC 280	hard	160	50	13-16-20	47	18	1,900	3,800	25
LSV 200025	A104 W	NK 100	soft	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A106 W	NK 180	soft	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A107 W	NK 280	soft	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C204 W	SIC 100	soft	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C206 W	SIC 180	soft	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C207 W	SIC 280	soft	200	25	20-25-32	71	10	1,500	3,000	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity

GRINDING AND POLISHING
(with flexible tools)

Description	Quality	Grit	Type	D mm	T mm	H mm	recess on both sides d _z mm	recess on both sides l _z mm	n _{recom} rpm	n _{max} rpm	MOQ* pcs.
LSV 200025	A104 M	NK 100	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A106 M	NK 180	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A107 M	NK 280	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C204 M	SIC 100	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C206 M	SIC 180	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C207 M	SIC 280	medium	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A104 H	NK 100	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A106 H	NK 180	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	A107 H	NK 280	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C204 H	SIC 100	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C206 H	SIC 180	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200025	C207 H	SIC 280	hard	200	25	20-25-32	71	10	1,500	3,000	25
LSV 200050	A104 W	NK 100	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A106 W	NK 180	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A107 W	NK 280	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C204 W	SIC 100	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C206 W	SIC 180	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C207 W	SIC 280	soft	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A104 M	NK 100	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A106 M	NK 180	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A107 M	NK 280	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C204 M	SIC 100	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C206 M	SIC 180	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C207 M	SIC 280	medium	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A104 H	NK 100	hard	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A106 H	NK 180	hard	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	A107 H	NK 280	hard	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C204 H	SIC 100	hard	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C206 H	SIC 180	hard	200	50	20-25-32	71	18	1,500	3,000	25
LSV 200050	C207 H	SIC 280	hard	200	50	20-25-32	71	18	1,500	3,000	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

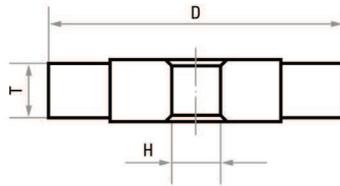
*minimum order quantity



LSM, flap wheel of abrasive fleece and cloth in combination

INDIVIDUAL CUSTOMER SOLUTIONS

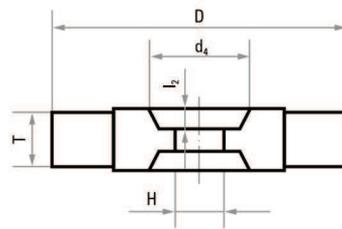
- for cleaning, derusting, surface preparation, texturing and roughening
- Other dimensions, bores or qualities are available on request. Available diameters 80 mm to max. 400 mm.
- A sample order for this LUKAS custom solution can be found on **page 181**.
- v_{max} 35 m/s



Description	Quality	Grit	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
LSM 080050	A104/80	NK 100/80	80	50	10-13-16	3,800	7,600	25
LSM 080050	A106/150	NK 180/150	80	50	10-13-16	3,800	7,600	25
LSM 080050	A107/240	NK 280/240	80	50	10-13-16	3,800	7,600	25
LSM 080050	C204/80	SIC 100/80	80	50	10-13-16	3,800	7,600	25
LSM 080050	C206/150	SIC 180/150	80	50	10-13-16	3,800	7,600	25
LSM 080050	C207/240	SIC 280/240	80	50	10-13-16	3,800	7,600	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity



Description	Quality	Grit	D mm	T mm	H mm	recess on both sides d_4 mm	recess on both sides l_2 mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
LSM 150050	A104/80	NK 100/80	150	50	13-16-20	47	18	2,000	4,000	25
LSM 150050	A106/150	NK 180/150	150	50	13-16-20	47	18	2,000	4,000	25
LSM 150050	A107/240	NK 280/240	150	50	13-16-20	47	18	2,000	4,000	25
LSM 150050	C204/80	SIC 100/80	150	50	13-16-20	47	18	2,000	4,000	25
LSM 150050	C206/150	SIC 180/150	150	50	13-16-20	47	18	2,000	4,000	25
LSM 150050	C207/240	SIC 280/240	150	50	13-16-20	47	18	2,000	4,000	25
LSM 160050	A104/80	NK 100/80	160	50	13-16-20	47	18	1,900	3,800	25
LSM 160050	A106/150	NK 180/150	160	50	13-16-20	47	18	1,900	3,800	25
LSM 160050	A107/240	NK 280/240	160	50	13-16-20	47	18	1,900	3,800	25
LSM 160050	C204/80	SIC 100/80	160	50	13-16-20	47	18	1,900	3,800	25
LSM 160050	C206/150	SIC 180/150	160	50	13-16-20	47	18	1,900	3,800	25
LSM 160050	C207/240	SIC 280/240	160	50	13-16-20	47	18	1,900	3,800	25
LSM 200050	A104/80	NK 100/80	200	50	20-25-32	71	18	1,500	3,000	25
LSM 200050	A106/150	NK 180/150	200	50	20-25-32	71	18	1,500	3,000	25
LSM 200050	A107/240	NK 280/240	200	50	20-25-32	71	18	1,500	3,000	25
LSM 200050	C204/80	SIC 100/80	200	50	20-25-32	71	18	1,500	3,000	25
LSM 200050	C206/150	SIC 180/150	200	50	20-25-32	71	18	1,500	3,000	25
LSM 200050	C207/240	SIC 280/240	200	50	20-25-32	71	18	1,500	3,000	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity

GRINDING AND POLISHING (with flexible tools)

SILKY LUSTRE MATT FINISHING ON STAINLESS STEEL

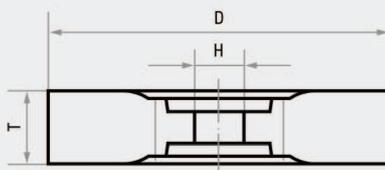
LUKAS MOPS FOR YOUR APPLICATION



LUKAS mops of abrasive fleece are packed together on a shaft to create rolls of different widths. By adding water or low-viscosity oil, you can further boost the service life of this tool: Water produces matt surfaces on almost all metals and very matt surfaces on aluminium, while oils give a silky lustre finish.

FRV, mops of abrasive fleece

INDIVIDUAL CUSTOMER SOLUTIONS



- for silky lustre matt finishing on stainless steel, chrome, nickel and non-ferrous metals
- can also be used for cleaning and smoothing primer coatings and soiled paint surfaces in the wood and plastics industries
- The best cutting speed is between 10 – 20 m/s, applying only slight contact pressure.
- A sample order for this LUKAS custom solution can be found on [page 181](#).

★★☆

Description	Quality	Grit	Surface	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	MOQ* pcs.
FRV 200050	A104	NK 100	medium	200	50	20-25-32	1,400	1,900	25
FRV 200050	A106	NK 180	fine	200	50	20-25-32	1,400	1,900	25
FRV 200050	A107	NK 280	very fine	200	50	20-25-32	1,400	1,900	25
FRV 250050	A104	NK 100	medium	250	50	20-25-32	1,100	1,500	25
FRV 250050	A106	NK 180	fine	250	50	20-25-32	1,100	1,500	25
FRV 250050	A107	NK 280	very fine	250	50	20-25-32	1,100	1,500	25
FRV 300060	A104	NK 100	medium	300	60	20-25-32	900	1,200	25
FRV 300060	A106	NK 180	fine	300	60	20-25-32	900	1,200	25
FRV 300060	A107	NK 280	very fine	300	60	20-25-32	900	1,200	25

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

*minimum order quantity

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS flap rolls

These rolls have a 19 mm bore and four keyways for use on handheld surface grinding machines (burnishing machines).

LWL, FLAP ROLLS MADE OF ABRASIVE CLOTH FOR BURNISHING MACHINES

These tools are comprised of single flaps that are radially fixed around the axis in a plastic core. Please pay attention to the rotational direction of the tool! **Page 190**

Application examples:

- Cleaning
- Deburring
- Derusting
- Preparation
- Texturing
- Roughening

LWV, FLAP ROLLS MADE OF ABRASIVE FLEECE FOR BURNISHING MACHINES

This design is comprised of abrasive fleece flaps. The use of fibre fleece makes the tool elastic and allows it to adapt itself to the shape of the workpiece. **Page 191**

Application examples:

- Matt finishing
- Satin-matt finishing
- Polishing
- Smoothing
- Final finishing of the workpiece surfaces

LWM, FLAP ROLLS MADE OF TF MATERIAL

These rolls with a 19 mm bore and four keyways are specially designed for use on non-rusting materials. The abrasive fleece, with its reinforced backing, guarantees even wear of the abrasive fleece and cloth flaps. Please pay attention to the rotational direction of the tool! **Page 192**

LWM, FLAP ROLLS FOR BURNISHING MACHINES MADE OF ABRASIVE FLEECE/CLOTH IN COMBINATION

The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared to type LWV. Please pay attention to the rotational direction of the tool! **Pages 192 / 193**

Application examples:

- Cleaning
- Derusting
- surface preparation
- Texturing
- Roughening

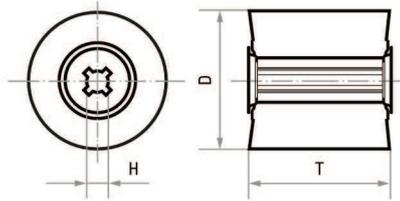
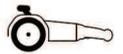
LWF, SINUS ABRASIVE ROLL MADE OF ABRASIVE FLEECE FOR CONDITIONING MACHINES

These tools consist of abrasive fleece webs that are wound around the core in a wave pattern. This wave arrangement enables matt finishing of surfaces without visible transitions. The use of fibre fleece makes the LWF elastic and allows it to adapt itself to the shape of the workpiece. **Page 193**

Application examples:

- Matt finishing
- Satin-matt finishing
- Polishing
- Smoothing
- Final finishing of the workpiece surfaces

LWL, flap roll made of abrasive cloth



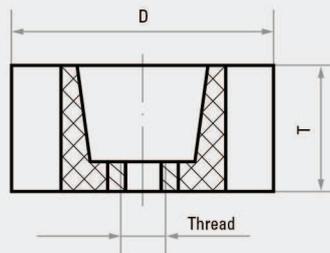
★★☆

- for cleaning, deburring, derusting, surface preparation, texturing and roughening
- for conditioning machines

Product number	Description	Grit	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	Pack contains
A2280100500040	LWL 100050	NK 40	100	50	19	3,700	6,000	2
A2280100500060	LWL 100050	NK 60	100	50	19	3,700	6,000	2
A2280100500080	LWL 100050	NK 80	100	50	19	3,700	6,000	2
A22801001000040	LWL 100100	NK 40	100	100	19	3,700	6,000	1
A22801001000060	LWL 100100	NK 60	100	100	19	3,700	6,000	1
A22801001000080	LWL 100100	NK 80	100	100	19	3,700	6,000	1

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

LWL, flap roll made of abrasive cloth with thread

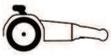


★★☆

- fits on commercially available angle grinders
- for cleaning, deburring, derusting, surface preparation, texturing and roughening

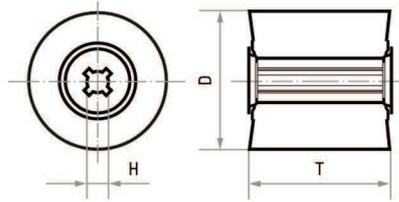
Product number	Description	Grit	D mm	T mm	Thread	n_{recom} rpm	n_{max} rpm	Pack contains
A2280100501060	LWL 100050	NK 60	100	50	M14	3,700	6,000	2
A2280100501080	LWL 100050	NK 80	100	50	M14	3,700	6,000	2

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium



LWV, flap roll made of abrasive fleece

- for conditioning machines
- use of fibre fleece makes it elastic
- adapts itself to the shape of the workpiece
- for matt finishing, satin-matt finishing, polishing, smoothening and final finishing of workpiece surfaces



★★☆

Product number	Description	Quality	Grit	D mm	T mm	H mm	n _{recom} rpm	n _{max} rpm	Pack contains
A2286100500104	LWV 100050	A104	NK 100	100	50	19	2,800	6,000	2
A2286100500106	LWV 100050	A106	NK 180	100	50	19	2,800	6,000	2
A2286100500107	LWV 100050	A107	NK 280	100	50	19	2,800	6,000	2
A22861001000104	LWV 100100	A104	NK 100	100	100	19	2,800	6,000	1
A22861001000106	LWV 100100	A106	NK 180	100	100	19	2,800	6,000	1
A22861001000107	LWV 100100	A107	NK 280	100	100	19	2,800	6,000	1

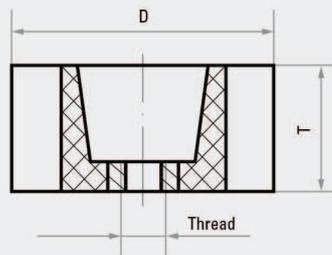
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

GRINDING AND POLISHING (with flexible tools)



LWV, flap roll made of abrasive fleece with thread

- fits on commercially available angle grinders
- use of fibre fleece makes it elastic
- adapts itself to the shape of the workpiece
- for matt finishing, satin-matt finishing, polishing, smoothening and final finishing of workpiece surfaces

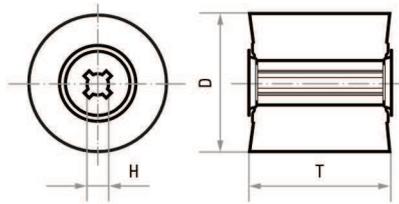


★★☆

Product number	Description	Grit	D mm	T mm	Thread	n _{recom} rpm	n _{max} rpm	Pack contains
A2286100501104	LWV 100050	A 104	100	50	M14	2,800	6,000	2
A2286100501106	LWV 100050	A 106	100	50	M14	2,800	6,000	2
A2286100501107	LWV 100050	A 107	100	50	M14	2,800	6,000	2

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

LWM, flap roll made of abrasive fleece TF and cloth in combination

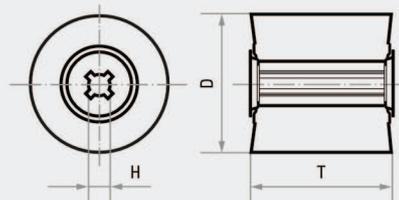


- for conditioning machines
- Due to its highly robust abrasive fleece made of TF material, this mounted flap wheel wears evenly.
- perfect for continuous working
- ideal for machining the surfaces of sheet metal products made from stainless steel such as sinks and containers
- for cleaning, deburring, derusting, surface preparation, texturing and roughening

★★★

Product number	Description	Grit	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	Pack contains
A22881001000120	LWM 100100	TF 120/80	100	100	19	2,800	6,000	1
Recommended for:			● Inox/Steel	● Steel	● Aluminium	● Cast material	● Plastic/Wood	● Titanium

LWM, flap roll made of abrasive fleece and cloth in combination



- for conditioning machines
- for continuous working
- better stock removal performance than flap rolls made solely with abrasive fleece
- for cleaning, deburring, derusting, surface preparation, texturing and roughening

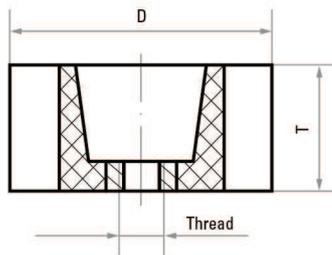
★★☆

Product number	Description	Quality	Grit	D mm	T mm	H mm	n_{recom} rpm	n_{max} rpm	Pack contains
A2288100500104	LWM 100050	A104/80	NK 100/80	100	50	19	2,800	6,000	2
A2288100500106	LWM 100050	A106/150	NK 180/150	100	50	19	2,800	6,000	2
A2288100500107	LWM 100050	A107/240	NK 280/240	100	50	19	2,800	6,000	2
A22881001000104	LWM 100100	A104/80	NK 100/80	100	100	19	2,800	6,000	1
A22881001000106	LWM 100100	A106/150	NK 180/150	100	100	19	2,800	6,000	1
A22881001000107	LWM 100100	A107/240	NK 280/240	100	100	19	2,800	6,000	1
Recommended for:			● Inox/Steel	● Steel	● Aluminium	● Cast material	● Plastic/Wood	● Titanium	



LWM, flap rolls made of combined abrasive fleece and cloth with thread

- fits on commercially available angle grinders
- for continuous working
- better stock removal performance than flap rolls made solely with abrasive fleece
- for cleaning, deburring, derusting, surface preparation, texturing and roughening



★★☆

Product number	Description	Quality	Grit	D mm	T mm	Thread	n _{recom} rpm	n _{max} rpm	Pack contains
A2288100501104	LWM 100050	A104/80	NK 100/80	100	50	M14	2,800	6,000	2
A2288100501106	LWM 100050	A106/150	NK 180/150	100	50	M14	2,800	6,000	2

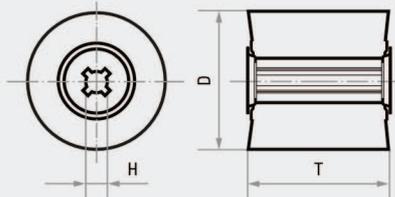
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

GRINDING AND POLISHING (with flexible tools)



LWF, sinus abrasive roll with abrasive fleece

- fits on commercially available angle grinders
- The wave arrangement enables matt finishing of surfaces without visible imperfections.
- use of fibre fleece makes it elastic
- adapts itself to the shape of the workpiece
- for matt finishing, satin-matt finishing, polishing, smoothing and final finishing of workpiece surfaces



★★☆

Product number	Description	Quality	Grit	D mm	T mm	H mm	n _{recom} rpm	n _{max} rpm	Pack contains
A22811001000104	LWF 100100	A104	NK 100	100	100	19	2,800	3,800	1
A22811001000106	LWF 100100	A106	NK 180	100	100	19	2,800	3,800	1

Recommended use for A quality: ● Inox/Steel ● Steel ● Cast material ● Plastic/Wood ● Aluminium ● Titanium

A2281100500208	LWF 100050	C208	SIC 400	100	50	19	2,800	3,800	2
A22811001000208	LWF 100100	C208	SIC 400	100	100	19	2,800	3,800	1

Recommended use for C quality: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material



LUKAS CONDITIONING MACHINES

THE MATCHING POWER TOOL FOR YOUR CONDITIONING ROLLS

Conditioning machine



Technical details:

- weight: approx. 2.8 kg
- electronic control with soft start, variable speed control, temperature and overload cut-off

► Further technical details can be found on page 301.

★★☆

Properties:

- heavy-duty motor (durable)
- double gear reduction (long service life)
- dust-protected bearings (low wear)
- Combined with the perfect tool, you can achieve shadow-free metal, wood or plastic surfaces without transitions.

With the appropriate tool perfect for:

- satin-matt finishing
- texturing
- polishing
- brushing
- smoothening
- deburring
- matt finishing

Product number	Description	Idle speed rpm	Power consumption W	Tool max. Ø mm	Tool width mm	Tool holder mm	Pack contains
A3995ESM1310	ESM 1310	1,300 – 3,050	1,300	120	100	19	1

For use with LUKAS tools		Dimensions	Catalogue page
ESM 1310	P6 polishing roll	100 x 50 mm, 100 x 100 mm	122
	SBZY abrasive band rolls	100 x 100 mm	203
	LWL/LWV/LWM/LWF abrasive flap rolls	100 x 50 mm, 100 x 100 mm	190–193



Please pay attention to the respective speed specifications on our tool packaging.