

IMPRESSIVE TOOL LIFE

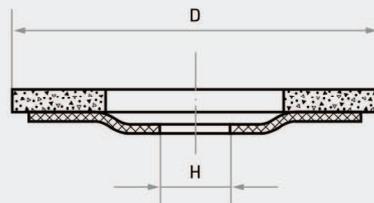
WITH HIGH ERGONOMICS

HIGH-PERFORMANCE LUKAS LAMELLAR FLAP DISCS WITH RECTANGULAR FLAPS



SLTO^{Ceramic4x} / SLTR^{Ceramic4x} lamellar flap disc **NEW**

- ideal for deburring, fettling, derusting, smoothing and weld seam machining
- for use on steel, ship's steel plate, Hardox steel, nickel-based alloys and titanium
- achieves high removal stock rates when rough grinding steel
- with self-sharpening effect thanks to innovative Ceramic4x abrasive grain
- very good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating
- Glass fibre backing
- the perfect alternative to grinding discs



★★★

Product number	Description	Grit	Drawing	D mm	H mm	n _{max} rpm	Pack contains
A27251150401444	SLTO 115	Ceramic4x 40		115	22.23	13,300	10
A27251250401444	SLTO 125	Ceramic4x 40		125	22.23	12,200	10
A27251250601444	SLTO 125	Ceramic4x 60		125	22.23	12,200	10
A27251250801444	SLTO 125	Ceramic4x 80		125	22.23	12,200	10
A27231150401544	SLTR 115	Ceramic4x 40		115	22.23	13,300	10
A27231150601444	SLTR 115	Ceramic4x 60		115	22.23	13,300	10
A27231150801444	SLTR 115	Ceramic4x 80		115	22.23	13,300	10
A27231250401544	SLTR 125	Ceramic4x 40		125	22.23	13,300	10
A27231250601544	SLTR 125	Ceramic4x 60		125	22.23	12,200	10
A27231250801544	SLTR 125	Ceramic4x 80		125	22.23	12,200	10
A27231780401544	SLTR 178	Ceramic4x 40		178	22.23	8,500	10
A27231780601444	SLTR 178	Ceramic4x 60		178	22.23	8,500	10

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

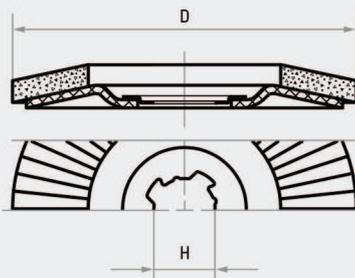


TOOL CHANGING IN NO TIME AT ALL

ALL THE BENEFITS OF THE SLTR LAMELLAR FLAP DISC WITH THE INNOVATIVE X-LOCK MOUNTING SYSTEM

Photo: Bosch

NEW SLTR X-LOCK lamellar flap disc



- keyless tool changing in no time at all
- ideal for deburring, fettling, derusting, smoothing and weld seam machining
- always remains sharp throughout the tool life thanks to the multi-layer coating
- good price-to-performance ratio thanks to the rectangular flaps

★★★

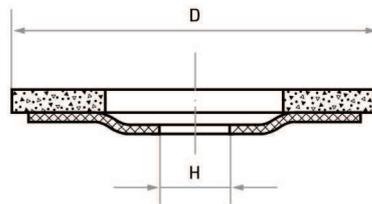
Product number	Description	Grit	D mm	H mm	n_{max} rpm	Pack contains
A67181250401865	SLTR 125	ZK 40	125	X-LOCK/22.23	12,200	10
A67181250601865	SLTR 125	ZK 60	125	X-LOCK/22.23	12,200	10
A67181250801865	SLTR 125	ZK 80	125	X-LOCK/22.23	12,200	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



SLTO/SLTR lamellar flap disc, zirconia alumina

- achieves high removal rates on hard and tough materials and a long tool life
- for deburring, fettling, derusting, smoothing and weld seam machining
- very good price-to-performance thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating
- glass fibre backing
- the efficient alternative to grinding discs



★★☆

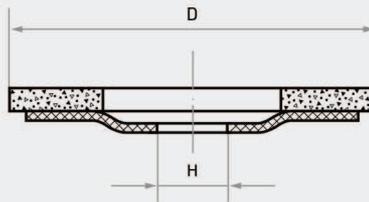
Product number	Description	Grit	Drawing	D mm	H mm	n _{max} rpm	Pack contains
A27151150401406	SLTO 115	ZK 40		115	22.23	13,300	10
A27151150601406	SLTO 115	ZK 60		115	22.23	13,300	10
A27151150801406	SLTO 115	ZK 80		115	22.23	13,300	10
A27151250401406	SLTO 125	ZK 40		125	22.23	12,200	10
A27151250601406	SLTO 125	ZK 60		125	22.23	12,200	10
A27151250801406	SLTO 125	ZK 80		125	22.23	12,200	10
A27151780361401	SLTO 178	ZK 36		178	22.23	8,500	10
A27151780401401	SLTO 178	ZK 40		178	22.23	8,500	10
A27151781201401	SLTO 178	ZK 120		178	22.23	8,500	10
A27181000401423	SLTR 100	ZK 40			100	16.00	15,300
A27181000601423	SLTR 100	ZK 60	100		16.00	15,300	10
A27181000801423	SLTR 100	ZK 80	100		16.00	15,300	10
A27181150361406	SLTR 115	ZK 36	115		22.23	13,300	10
A27181150401406	SLTR 115	ZK 40	115		22.23	13,300	10
A27181150601406	SLTR 115	ZK 60	115		22.23	13,300	10
A27181150801406	SLTR 115	ZK 80	115		22.23	13,300	10
A27181151201406	SLTR 115	ZK 120	115		22.23	13,300	10
A27181250361406	SLTR 125	ZK 36	125		22.23	12,200	10
A27181250401406	SLTR 125	ZK 40	125		22.23	12,200	10
A27181250601406	SLTR 125	ZK 60	125		22.23	12,200	10
A27181250801406	SLTR 125	ZK 80	125		22.23	12,200	10
A27181251201406	SLTR 125	ZK 120	125		22.23	12,200	10
A27181500401416	SLTR 150	ZK 40	150		22.23	10,200	10
A27181500601416	SLTR 150	ZK 60	150		22.23	10,200	10
A27181500801416	SLTR 150	ZK 80	150		22.23	10,200	10
A27181780361401	SLTR 178	ZK 36	178		22.23	8,500	10
A27181780401401	SLTR 178	ZK 40	178		22.23	8,500	10
A27181780601401	SLTR 178	ZK 60	178	22.23	8,500	10	
A27181780801401	SLTR 178	ZK 80	178	22.23	8,500	10	

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

EFFICIENTLY MACHINE WELD SEAMS WITH REGULAR ALUMINIUM OXIDE

EASY TO USE, MINIMUM VIBRATION AND HIGH CRACK RESISTANCE

SLTO/SLTR lamellar flap disc, regular aluminium oxide



- the good alternative to grinding discs
- for deburring, fettling, derusting, smoothing and weld seam machining
- good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating
- glass fibre backing

★★☆

Product number	Description	Grit	Drawing	D mm	H mm	n_{max} rpm	Pack contains
A27151150601400	SLTO 115	NK 60		115	22.23	13,300	10
A27151150801400	SLTO 115	NK 80		115	22.23	13,300	10
A27181150401400	SLTR 115	NK 40		115	22.23	13,300	10
A27181150601400	SLTR 115	NK 60		115	22.23	13,300	10
A27181150801400	SLTR 115	NK 80		115	22.23	13,300	10
A27181151201400	SLTR 115	NK 120		115	22.23	13,300	10
A27181250401400	SLTR 125	NK 40		125	22.23	12,200	10
A27181250601400	SLTR 125	NK 60		125	22.23	12,200	10
A27181250801400	SLTR 125	NK 80		125	22.23	12,200	10
A27181251201400	SLTR 125	NK 120		125	22.23	12,200	10

Recommended for: ● Steel ● Cast material ● Plastic/Wood



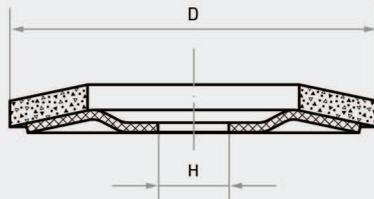
THE ECONOMICAL BASE-X

ACHIEVE HIGH REMOVAL RATES WITH HARD AND SHARP ZIRCONIA ALUMINA



SLTO/SLTR BASE-X lamellar flap disc NEW

- the economical alternative to grinding discs
- for deburring, fettling, derusting, smoothing and weld seam machining
- good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating
- glass fibre backing



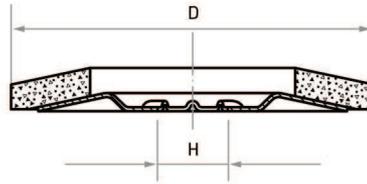
☆☆☆

Product number	Description	Grit	Drawing	D mm	H mm	n _{max} rpm	Pack contains
A27151150401535	SLTO 115 BASE-X	ZK 40		115	22.23	13,300	10
A27151150601535	SLTO 115 BASE-X	ZK 60		115	22.23	13,300	10
A27151150801535	SLTO 115 BASE-X	ZK 80		115	22.23	13,300	10
A27151151201535	SLTO 115 BASE-X	ZK 120		115	22.23	13,300	10
A27151250401535	SLTO 125 BASE-X	ZK 40		125	22.23	12,200	10
A27151250601535	SLTO 125 BASE-X	ZK 60		125	22.23	12,200	10
A27151250801535	SLTO 125 BASE-X	ZK 80		125	22.23	12,200	10
A27181150401535	SLTR 115 BASE-X	ZK 40			115	22.23	13,300
A27181150601535	SLTR 115 BASE-X	ZK 60	115		22.23	13,300	10
A27181150801535	SLTR 115 BASE-X	ZK 80	115		22.23	13,300	10
A27181151201535	SLTR 115 BASE-X	ZK 120	115		22.23	13,300	10
A27181250401535	SLTR 125 BASE-X	ZK 40		125	22.23	12,200	10
A27181250601535	SLTR 125 BASE-X	ZK 60		125	22.23	12,200	10
A27181250801535	SLTR 125 BASE-X	ZK 80		125	22.23	12,200	10
A27181251201535	SLTR 125 BASE-X	ZK 120		125	22.23	12,200	10
A27181780401535	SLTR 178 BASE-X	ZK 40		178	22.23	8,500	10
A27181780601535	SLTR 178 BASE-X	ZK 60		178	22.23	8,500	10
A27181780801535	SLTR 178 BASE-X	ZK 80		178	22.23	8,500	10
A27181781201535	SLTR 178 BASE-X	ZK 120		178	22.23	8,500	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

GRINDING AND POLISHING (with flexible tools)

SLTB lamellar flap disc



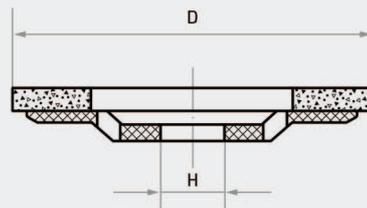
- especially robust lamellar flap disc thanks to the steel backing plate
- well suited for deburring, fettling, derusting, smoothing and weld seam machining
- good heat dissipation for cool grinding
- very good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating

★★☆

Product number	Description	Grit	D mm	H mm	n_{max} rpm	Pack contains
A2250115040	SLTB 115	ZK 40	115	22.23	13,300	10
A2250115060	SLTB 115	ZK 60	115	22.23	13,300	10
A2250115080	SLTB 115	ZK 80	115	22.23	13,300	10
A2250125040	SLTB 125	ZK 40	125	22.23	12,200	10
A2250125060	SLTB 125	ZK 60	125	22.23	12,200	10
A2250125080	SLTB 125	ZK 80	125	22.23	12,200	10
A2250178040	SLTB 178	ZK 40	178	22.23	8,500	10
A2250178060	SLTB 178	ZK 60	178	22.23	8,500	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

SLTK lamellar flap disc



- no marking on the workpiece thanks to the practical plastic backing plate
- with integrated cooling slots for cool grinding and minimum reworking
- well suited for deburring, fettling, derusting, smoothing and weld seam machining
- good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating

★★☆

Product number	Description	Grit	D mm	H mm	n_{max} rpm	Pack contains
A27111150401623	SLTK 115	ZK 40	115	22.23	13,300	10
A27111150601623	SLTK 115	ZK 60	115	22.23	13,300	10
A27111250401623	SLTK 125	ZK 40	125	22.23	12,200	10
A27111250601623	SLTK 125	ZK 60	125	22.23	12,200	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

COOLING AND QUICK-CLAMPING THREAD

SLTK LAMELLAR FLAP DISC WITH PRACTICAL PLASTIC BACKING PLATE

MINI LAMELLAR FLAP DISC WITH PLASTIC THREAD – TEST IT NOW!

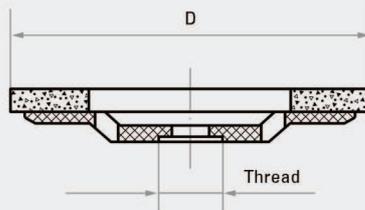
Self-clamping, mini lamellar flap disc for pneumatic angle grinders: all the benefits of LUKAS lamellar flap discs combined with fast, accessory-free tool changing. Also ideal for use with robotics!

FIND OUT ABOUT OUR SELF-CLAMPING MINI LAMELLAR FLAP DISCS ON **PAGE 226**



SLTK lamellar flap disc with quick-clamping thread

- with integrated M14 thread for easy mounting on the angle grinder
- no marking on the workpiece thanks to the practical plastic backing plate
- with integrated cooling slots for cool grinding and minimum reworking
- well suited for deburring, fettling, derusting, smoothing and weld seam machining
- very good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating



★★☆

Product number	Description	Grit	D mm	Thread	n _{max} rpm	Pack contains
A27111150401723	SLTK 115	ZK 40	115	M14	13,300	10
A27111150601723	SLTK 115	ZK 60	115	M14	13,300	10
A27111250401723	SLTK 125	ZK 40	125	M14	12,200	10
A27111250601723	SLTK 125	ZK 60	125	M14	12,200	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

ALWAYS WITH THE ENVIRONMENT IN MIND

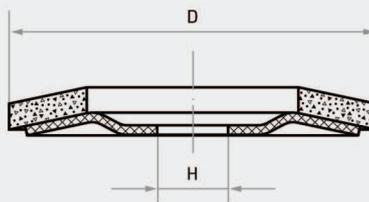
LUKAS HAS BEEN PIONEERING THE USE OF RENEWABLE
RAW MATERIALS FOR MANUFACTURING TOOLS FOR 30 YEARS.



LUKAS NAWAROFLEX® lamellar flap discs have a backing plate made of renewable raw materials. Although made of paper, these special eco-friendly backing plates are nevertheless very sturdy and offer enough stability for hard grinding applications.

As a pioneer in the tool industry in the use of this technology, LUKAS has been relying on NAWAROFLEX® for 30 years, and currently offers three different tools made with renewable raw materials. You can use LUKAS tools with NAWAROFLEX® for deburring, weld seam machining, refining surfaces or for fine grinding, and in doing so work in an environmentally conscious manner.

SLTC NAWAROFLEX® lamellar flap disc



- with special zirconia alumina (polyester-based) and active abrasive surface layer
- ideal for machining stainless steel
- for deburring, fettling, derusting, smoothening and weld seam machining
- eco-friendly NAWAROFLEX®: backing made of renewable raw materials
- good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating

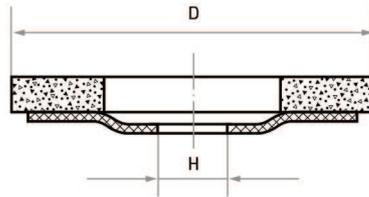
★★★

Product number	Description	Grit	D mm	H mm	n_{max} rpm	Pack contains
A27031150360127	SLTC 115	ZKS 36	115	22.23	13,300	10
A27031150400127	SLTC 115	ZKS 40	115	22.23	13,300	10
A27031150500127	SLTC 115	ZKS 50	115	22.23	13,300	10
A27031150600127	SLTC 115	ZKS 60	115	22.23	13,300	10
A27031150800127	SLTC 115	ZKS 80	115	22.23	13,300	10
A27031250400127	SLTC 125	ZKS 40	125	22.23	12,200	10
A27031250600127	SLTC 125	ZKS 60	125	22.23	12,200	10
A27031250800127	SLTC 125	ZKS 80	125	22.23	12,200	10

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



SLTM NAWAROFLEX® lamellar flap disc



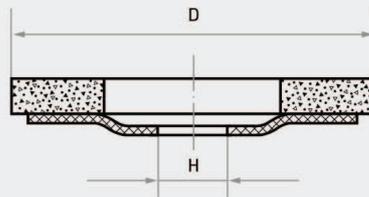
- made from an abrasive cloth and fleece mix for surface enhancement
- can be used without a backing pad on adjustable or low-speed angle grinders
- eco-friendly NAWAROFLEX®: backing made of renewable raw materials

★★☆

Product number	Description	Quality	Grit	D mm	H mm	n _{max} rpm	Pack contains
A27131151040140	SLTM 115	A104/80	NK 100/80	115	22.23	5,300	10
A27131151060140	SLTM 115	A106/150	NK 180/150	115	22.23	5,300	10
A27131151070140	SLTM 115	A107/240	NK 280/240	115	22.23	5,300	10
Recommended use for A qualities: ● Inox/Steel ● Steel ● Cast material ● Plastic/Wood ● Aluminium ● Titanium							
A27131152040141	SLTM 115	C204/80	SIC 100/80	115	22.23	5,300	10
A27131152060141	SLTM 115	C206/150	SIC 180/150	115	22.23	5,300	10
A27131152070141	SLTM 115	C207/240	SIC 280/240	115	22.23	5,300	10
Recommended use for C qualities: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material							



SLTV NAWAROFLEX® lamellar flap disc



- made of abrasive fleece for fine grinding, e.g. before polishing
- can be used without a backing pad on adjustable or low-speed angle grinders
- eco-friendly NAWAROFLEX®: backing made of renewable raw materials

★★☆

Product number	Description	Quality	Grit	D mm	H mm	n _{max} rpm	Pack contains
A27221151040130	SLTV 115	A104	NK 100	115	22.23	5,300	10
A27221151060130	SLTV 115	A106	NK 180	115	22.23	5,300	10
A27221151070130	SLTV 115	A107	NK 280	115	22.23	5,300	10
Recommended use for A qualities: ● Inox/Steel ● Steel ● Cast material ● Plastic/Wood ● Aluminium ● Titanium							
A27221152060130	SLTV 115	C206	SIC 180	115	22.23	5,300	10
A27221152070130	SLTV 115	C207	SIC 280	115	22.23	5,300	10 NEW
A27221153061530	SLTV 115	Z306	ZK 180	115	22.23	5,300	10 NEW
A27221153071530	SLTV 115	Z307	ZK 280	115	22.23	5,300	10
Recommended use for C qualities: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material							

FROM FINE GRINDING TO POLISHING

A SMOOTH TRANSITION WITH LUKAS TOOLS

After the fine grinding, is polishing your next job? LUKAS offers a wide assortment of polishing tools especially designed for fine surface treatment and polishing work. Made of high quality raw materials, LUKAS polishing points, discs, sticks and rolls are precisely tailored to achieve the required degree of polishing for each individual application – through to shiny and mirror-like polishing. LUKAS polishing tools are divided into the groups P1 to P7 according to the respective intended use. You can find further information and the products **from page 97**.

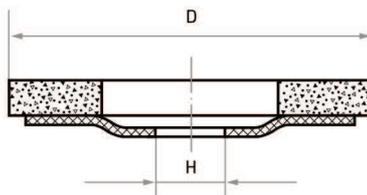
The LUKAS polishing tool range with its huge variety of different shapes allows you to choose the most suitable polishing tools for your specific fine machining (fine and ultra-fine grinding) or polishing requirements. This means that with our tools you can work in an extremely economical and especially effective manner.

THE LUKAS POLISHING DISC SET

After fine grinding your surfaces with an angle grinder, you can then easily achieve your desired polishing results with the LUKAS polishing disc set. Just use the different polishing discs from the LUKAS polishing set in sequence. Easily and quickly achieve everything from removing rust to a mirror finish with just a few tool changes and without switching machines. The practical LUKAS polishing disc sets can be found on **pages 118 and 119!**



SLTP polishing disc



- cooler – very efficient for light deburring, cleaning Inox weld seams and surface enhancement
- The fleece fibre design prevents overheating and clogging on the tool.
- minimum edge abrasion for improved productivity
- can be used without a backing pad on adjustable or low-speed angle grinders

★★☆

Product number	Description	D mm	H mm	Type/hardness	n _{max} rpm	Pack contains
A271611523	SLTP 115 M	115	22.23	medium	8,300	5
A271611513	SLTP 115 W	115	22.23	soft	8,300	5

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