

4.1 Lamellar flap discs

GRINDING AND POLISHING

(with flexible tools)

GRINDING AND POLISHING
(with flexible tools)

1–25

TECHNICAL INFORMATION

The most important product information at a glance

GENERAL

Our flexible grinding and polishing tools are made of high quality abrasive cloth and abrasive fleece. They consist of a flexible backing coated with abrasive grain.

- **Backings used:**
cloth, polyester, fleece, fibre
- **Grain types used:**
regular aluminium oxide (NK), silicon carbide (SiC),
zirconia alumina (ZK), ceramic (Ceramic)

Our flexible grinding and polishing tools are available in many different shapes and dimensions. Applications range from high chip removal through to achieving an extremely fine surface finish.

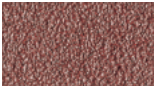
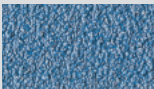
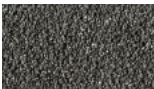
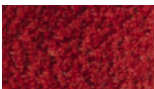
SAFETY ADVICE

Please note our recommended operating speeds. Pay attention to the safety and accident prevention regulations, including the FEPA safety recommendations, when using and storing flexible grinding and polishing tools. The tools are marked with the appropriate pictograms for correct usage.

APPLICATION RECOMMENDATIONS

At high speed, coarse grain produces a finer finish, while at low speed, a fine grain produces a coarser finish.

Do not apply too much pressure when using LUKAS grinding tools: excessive pressure does not improve the performance, and will instead result in premature wear. Even if the chip removal is unsatisfactory, you do not apply more pressure. Use a coarser grain instead to prevent unnecessary tool wear and effort. Using grinding additives can also improve efficiency.

Quality		Properties	Application areas/ machining
	A Semi-friable Aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood
	ZK Zirconia alumina	exceptionally resilient grain with high pressure resistance	forged steel, metals that are difficult to machine and with extremely hard surfaces (overlay weld- ing), titanium and titanium alloys, heat-resistant steel
	C/SiC Silicon carbide	minimum heat generation, special quality for the aerospace industry	aluminium and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic
	Cer Ceramic grain	excellent removal rate without grain shredding cool cutting	non-rusting steels, nickel alloys

QUALITY AND APPLICATIONS

The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.

Quality	Properties	Application areas/ machining	available as	Page
	PG Reinforced abrasive cloth with ceramic grain	maximum removal rate and tool life thanks to self-sharpening ceramic grain	inox, steel, hardened/coated surfaces	Compact grinding disc 7
	Ceramic Abrasive cloth Ceramic grain	excellent removal rate without grain shredding, particularly stable thanks to reinforced backing, cool cutting	non-rusting steels, nickel alloys	SLTT lamellar disc 10
	ZK Abrasive cloth Zirconia alumina	exceptionally resilient grain with high pressure resistance	forged steel, metals that are difficult to machine and with extremely hard surfaces (overlay welding), titanium and titanium alloys,	SLTT lamellar disc V2 lamellar disc 11/14
	Z Power Abrasive cloth Zirconia alumina with active abrasive surface layer	excellent removal rate, with long tool life	stainless steel	V2 lamellar disc 14
	SIC Abrasive cloth Silicon carbide	minimum heat generation, special quality for the aerospace industry	aluminium and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic	V2 lamellar disc 15
	ZKS Abrasive cloth Zirconia alumina with active abrasive surface layer	with M-bonding on polyester backing for excellent removal rate with long tool life	forged steel, metals that are difficult to machine and with extremely hard surfaces (overlay welding), titanium and titanium alloys,	SLTFlex lamellar disc Standard lamellar disc 18 19-20
	SC Non-woven web Reinforced with cloth	A/O grain generates a satin-effect, can be used universally for dry and wet grinding	light deburring of stainless steel parts, finishing of stainless steel sheeting	SLTN Lamellar disc 21
	NK Abrasive fleece Regular aluminium oxide	polishing effect with the fibre structure, consistent results thanks to continuous exposure of new abrasive particles	chrome-nickel alloys and other non-rusting steels, zinc die castings, non-ferrous metals, wood	SLTV disc 22
	AS Polyamide fleece	impregnated with aggressive abrasive grain	removal of paint and adhesives, cement and concrete residue, derusting, cleaning and polishing a wide variety of surfaces,	ASVT disc 23
	SL Unitized material Silicon carbide	non-woven abrasive material compressed and impregnated with resin	polishing and blending stainless steels and non ferrous materials	SLTP disc 24

TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here. These rolls can be purchased individually or used to be converted in belts or discs

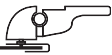
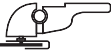
Quality recommendations apply for ideal operating conditions.



best suitable



suitable

Type	Page	Reference/ Qualities	Product line	Materials								
				●	●	●	●	●	●	●	●	●
				Inox/Stainless- Rust-, acid- and heat-resistant steel	General pur- pose Steel	Alloyed/ tempered steels	Tool steels	Aluminium, magnesium and copper alloys	Stone/ Construction material	Cast iron	Titanium and nickel alloys	Plastic/Wood
angle grinders Diameter 100–230 mm 	7	Purple grain single compact grinding disc	★★★									
	7	Purple Grain Multi compact grinding disc	★★★									
	10	SLTT Ceramic	★★★									
	11	SLTT ZK	★★★									
	14	V2 Power Inox	★★☆									
	14	V2 Power Steel	★★☆									
	15	V2 Power Alu	★★☆									
	18	SLTflex ZK	★☆☆									
	19	SLTO ZK	★★☆									
	19	SLTR ZK	★★☆									
	20	SLTR ZK Base-X	★☆☆									
Variable speed angle grinders Diameter 115-125 mm 	21	SLTN non-woven lamellar	★☆☆									
	22	SLTV NAWAROFLEX	★☆☆									
	23	ASVT	★☆☆									
	24	SLTP polishing disc	★☆☆									
	25	Felt polishing lamellar	★☆☆									

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS lamellar flap discs – from coarse cutting through to surface finishing

GENERAL

We offer lamellar flap discs for practically every requirement. These tools are manufactured with a wide selection of backing materials (e.g. glass fabric, plastic, metal, as well as renewable raw materials) to suit every application. The large selection of available grit sizes covers coarse grinding applications (from grit size 36) through to finishing (grit size 240).

ERGONOMICS

Using lamellar flap discs brings clear advantages in terms of ergonomics compared to conventional grinding discs. Noise levels during grinding are halved and vibrations are also significantly reduced. The tools are also lighter so less pressure needs to be applied. These advantages create a healthy and fatigue-free working environment.

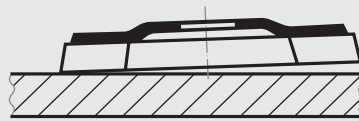
The lamellar flap discs are available in the diameters 100 mm (with 16 mm bore), 115 mm, 125 mm, 150 mm, 178 mm (22.23 mm bore) and 230 mm for use with commercially available angle grinders.

APPLICATION

You can choose between the flat or angled version depending on the job in hand.

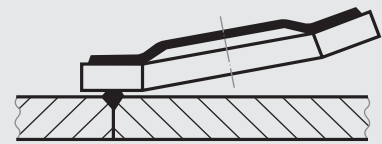
Application examples:

- deburring
- fettling
- derusting
- smoothening
- weld seam removal



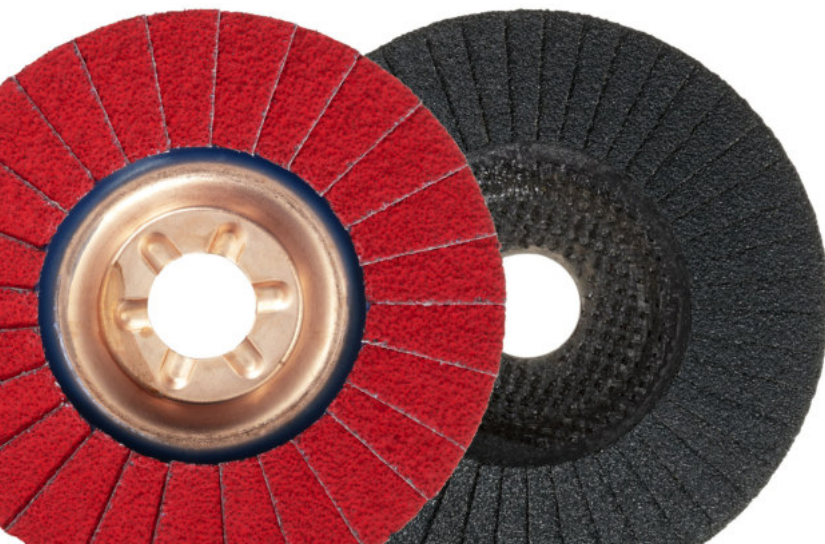
Using the flat version

Use this version for grinding edges and flat surfaces with a working angle of 0 – 15°



Using the angled version for spot grinding

e.g. a weld, with the ideal working angle of 15 – 25°



iQ SERIES FROM LUKAS

Developed for high-performance applications

Our high-performance tools are grouped together in our iQ series. Among them are the lamellar flap discs, which have a patented flap shape and arrangement for ultimate grinding performance.



Purple Grain

Powerful tools for heavy-duty applications

AGGRESSIVE. DURABLE. ERGONOMIC.

- high stability and durability
- integrated backing pad in recycled fibre
- even wearing without overheating, becoming brittle or shredding of the grain
- innovative ceramic grain: sharp to the end



innovative
Ceramic grain



operating
angle < 10°



no backing
pad required



low
vibration

WITH THE SELF-SHARPENING EFFECT

The self-sharpening ceramic grain ensures sustained cool grinding even at low grinding pressure. The tools retain their sharpness down to the last grain.

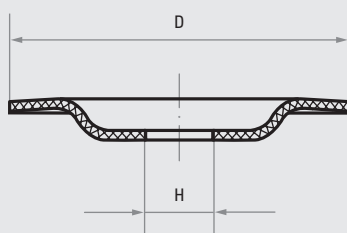


THE DYNAMIC ALL-ROUNDER WITH A LONG TOOL LIFE

PURPLE GRAIN SINGLE AND PURPLE GRAIN MULTI WITH THREE LAYERS



Even with a minimum effort, "Purple Grain Single" achieves stunning removal rates. The integrated backing pad made of eco-friendly recycled fibre assures high stability and durability. The innovative design provides for even wear without overheating, becoming brittle or shredding of the grain. The deep recess allows you to work at a flat angle. Thanks to its special tool geometry, the "Purple Grain Single" can also reach inaccessible areas, which offers more application possibilities than a conventional tool.



Purple Grain Single compact grinding disc



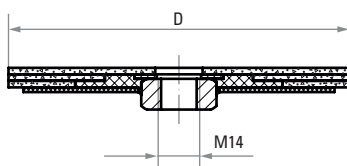
★★★

Product number	Description	Grit	D mm	H mm	n _{max} rpm	Pack contains
6DC115220369024	Purple Grain Single 115	Ceramic 36	115	22.23	13,300	1

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



With its unique multi-layer design, the powerful "Purple Grain Multi" achieves a maximum tool life. Wearing of the three grinding layers is controlled from start to finish, which is reflected in the tangible cost savings compared to conventional tools. The integrated M14 threaded holder ensures ultra-fast tool changing with no annoying clamping nuts. With its flat tool geometry, the "Purple Grain Multi" creates very good surface finishes, thus avoiding the need for reworking.



Purple Grain Multi compact grinding disc



★★★

Product number	Description	Grit	D mm	Thread	n _{max} rpm	Pack contains
6DC115140368024	Purple Grain Multi 115	Ceramic 36	115	M14	13,300	1

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



SLTT – FOR THE TOUGHEST GRINDING REQUIREMENTS

COMPARE THE EFFICIENCY AGAINST GRINDING DISCS
OR CONVENTIONAL LAMELLAR FLAP DISCS

70%

OF THE ABRASIVE MATERIAL IS
LOCATED ON THE OUTER AREA OF
THE BACKING PLATE

IMPROVED GRINDING PERFORMANCE
WITH ITS INNOVATIVE FLAP ARRANGEMENT

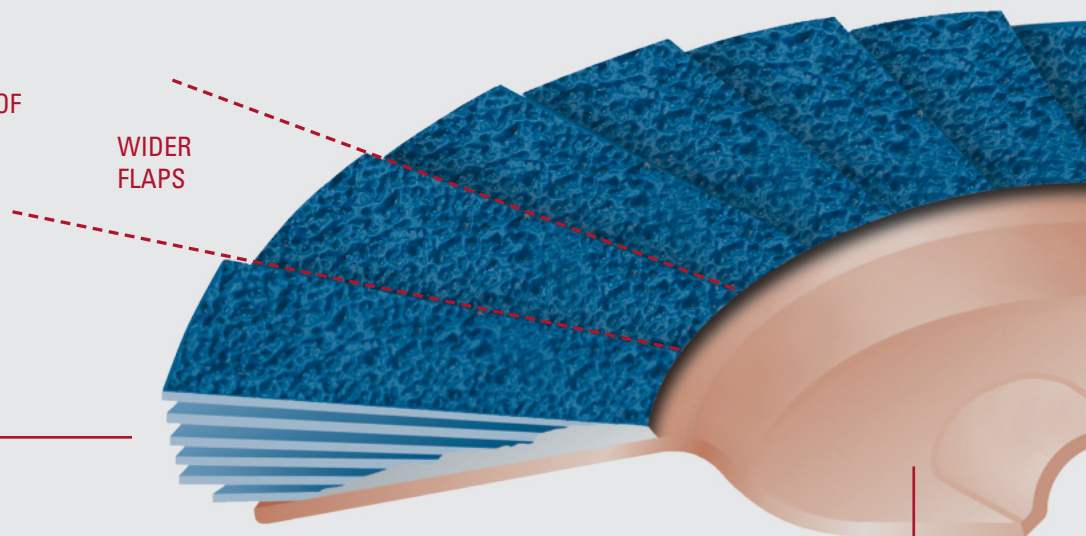
WIDER
FLAPS

UP TO

6

ABRASIVE LAYERS

ROBUST
STEEL BACKING PLATE



The efficient, high-performance SLTT lamellar flap discs from LUKAS are a better alternative to grinding discs and conventional lamellar flap discs.

Compared to grinding discs, the LUKAS patented flap shape and arrangement provides for 50 % lower noise levels, less vibration, faster operation, greater efficiency and better surface results. The flat orientation of the abrasive flaps not only makes for safer working, but also reduces tool wear.



Patented LUKAS flap shape and arrangement with more abrasive grains than the norm

A particularly large concentration of abrasive grain on the outer perimeter of these tools results in an exceptionally high stock removal rate per minute. Thanks to the multi-layer abrasive coating, these lamellar flap discs remain sharp throughout the tool life. As the flaps wear, the fresh abrasive coating of the flaps underneath is exposed. Consequently, they achieve a long tool life with consistent results.

PROPERTIES

- outstanding cutting performance
- exceptional tool life
- robust steel back plate
- low noise and vibration levels

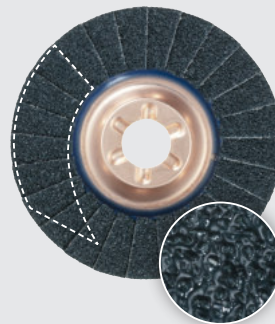
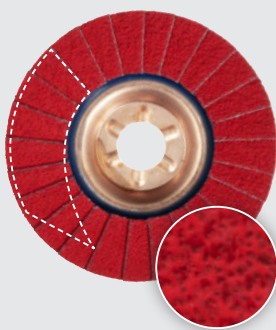
APPLICATION

Ideal for machining welds, deburring, derusting, fettling and smoothing. Thanks to its 22.23 mm bore, it fits onto all commonly used angle grinders.



GRINDING AND POLISHING
(with flexible tools)

THE TWO SLTT VERSIONS



Heavy Duty Ceramic abrasive cloth	Steel ZK abrasive cloth
<ul style="list-style-type: none"> ■ developed for the most demanding and toughest grinding applications ■ especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces ■ free of iron, sulphur and chlorine 	<ul style="list-style-type: none"> ■ optimised for universal use on a wide variety of steels and aluminium ■ exceptionally tough grain and resistant to high pressure

POWER FOR METALWORKERS

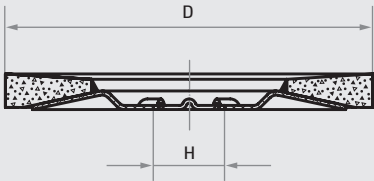
HIGHLY AGGRESSIVE AND DURABLE
FOR UNCOMPROMISING GRINDING

The SLTT mounted on an angle grinder is used when high stock removal is required. This lamellar flap disc displays its enduring removal performance in rounding off sharp edges and finishing weld seams and thermal cuts. With its powerful cutting performance, it ensures this kind of challenging work can be performed quickly and effortlessly.

LUKAS has developed this grinding tool for various industries: steel and vessel construction, shipyards and off-shore, machine and plant engineering, i.e. for any industry that removes a great deal of material from sheet metal and steel. The low force applied, the deep recess around the bore and the low noise and vibration levels when grinding makes for an easy application.

GRINDING AND POLISHING
(with flexible tools)

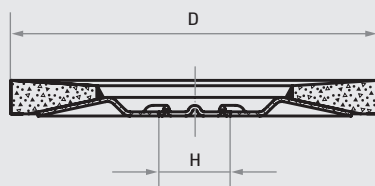
SLTT Heavy Duty lamellar flap discs



★★★

- developed for the most demanding and toughest grinding applications
- especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces
- free of iron, sulphur and chlorine

Product number	Description	D mm	H mm	Grit	Abrasive	n _{max} rpm	Pack contains
6FL115040304524	115 SLTT Ceramic P40	115	22.23	40	Ceramic	13,300	10
6FL115060304524	115 SLTT Ceramic P60	115	22.23	60	Ceramic	13,300	10
Recommended for: ● Inox/Steel ● Steel ● Titanium ● Aluminium ● Cast material ● Plastic/Wood							

GRINDING AND POLISHING
(with flexible tools)

SLTT steel lamellar flap discs



★★★

- optimised for steel
- exceptionally tough grain and resistant to high pressure

Product number	Description	D mm	H mm	Grit	n_{max} rpm	Pack contains
6FL115040303024	115 SLTT ZK40	115	22.23	ZK 40	13,300	10
6FL115060303024	115 SLTT ZK60	115	22.23	ZK 60	13,300	10
6FL125040303024	125 SLTT ZK40	125	22.23	ZK 40	12,200	10
6FL125060303024	125 SLTT ZK60	125	22.23	ZK 60	12,200	10
6FL150040000024	150 SLTT ZK40	150	22.23	ZK 40	10,200	10
6FL178040303024	178 SLTT ZK40	178	22.23	ZK 40	8,500	10
6FL178060303024	178 SLTT ZK60	178	22.23	ZK 60	8,500	10

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



THE V2 POWER – FOR UNIVERSAL USE

EXPERIENCE THE EFFICIENCY COMPARED TO CONVENTIONAL LAMELLAR FLAP DISCS

70%

OF THE ABRASIVE MATERIAL IS
LOCATED ON THE OUTER AREA
OF THE BACKING PLATE

IMPROVED GRINDING PERFORMANCE
THANKS TO THE SPECIAL FLAP CONFIGURATION

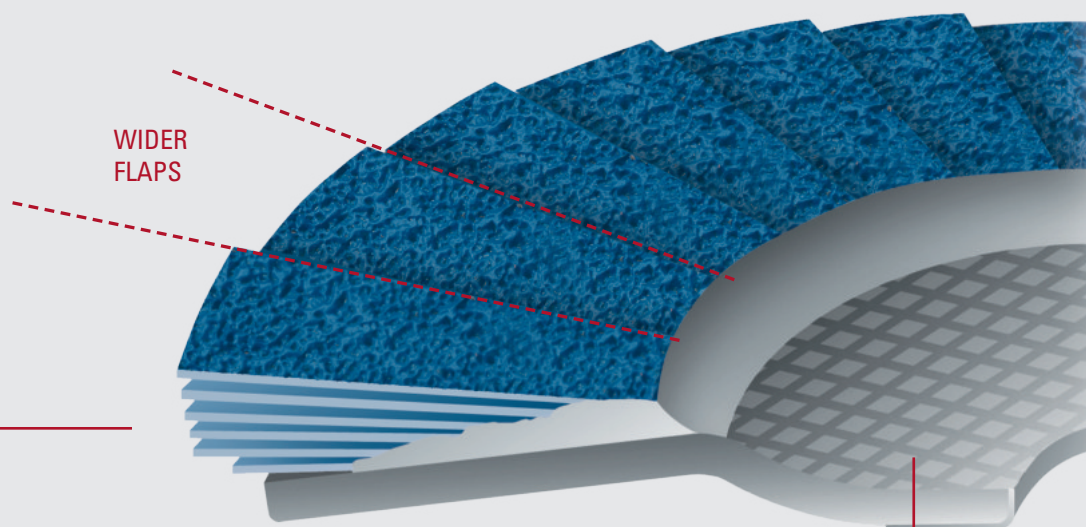
WIDER
FLAPS

UP TO

6

ABRASIVE LAYERS

GLASS FIBRE
BACKING PLATE



The efficient, high-performance LUKAS V2 Power lamellar flap discs with a glass fibre backing are a better alternative to grinding discs and conventional lamellar flap discs.



innovative patented LUKAS flap shape and arrangement
with more abrasive grains than usual

The flexibility, light weight and stability of the elastic glass fibre backing result in an exceptional surface finish. The high resistance to shredding and minimal vibration during operation, not to mention its easy handling, perfectly round off the characteristics of the V2 Power lamellar flap disc.

Compared to grinding discs, the LUKAS patented flap shape and arrangement gives 50% lower noise levels, less vibration, faster operation, greater efficiency and better surface results. The flat orientation of the abrasive flaps not only makes for safer working, but also reduces tool wear.

A particularly large concentration of abrasive grains on the outer perimeter results

in an exceptionally high stock removal rate per minute. Thanks to the multi-layer abrasive coating, these lamellar flap discs additionally remain sharp throughout the tool life. As the flaps wear, the fresh abrasive coating of the flaps underneath is exposed. Consequently, they achieve a long tool life with consistent results.

PROPERTIES

- exceptional grinding performance
- long tool life
- robust glass fibre backing

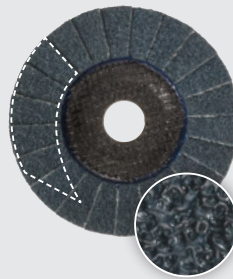
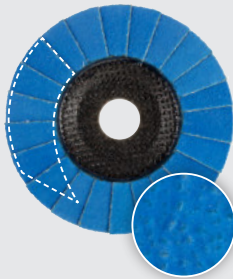
APPLICATION

Ideal for machining weld seams, deburring, derusting, fettling and smoothening.



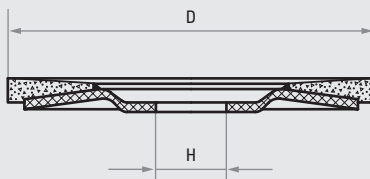
GRINDING AND POLISHING
(with flexible tools)

THE THREE V2 POWER VERSIONS



Inox Z Power abrasive cloth	Steel ZK abrasive cloth	ALU SIC abrasive cloth
<ul style="list-style-type: none"> ■ developed for grinding stainless steel ■ no glazing or heating of the flaps thanks to the active abrasive surface layer ■ equally efficient for edge and surface applications ■ free of iron, sulphur and chlorine 	<ul style="list-style-type: none"> ■ optimised for universal application on a wide variety of steels and aluminium ■ exceptionally tough grain and resistant to high pressure 	<ul style="list-style-type: none"> ■ particularly suitable for preparing welds and finishing aluminium ■ also ideal for fibre-reinforced materials such as CFRP and GFRP

V2 Power Inox lamellar flap disc



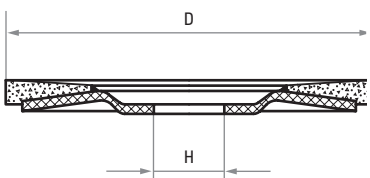
- optimised for grinding stainless steel
- no glazing or heating of the flaps
- equally efficient for edge and surface applications
- free of iron, sulphur and chlorine

★★★

Product number	Description	D mm	H mm	Grit	n _{max} rpm	Pack contains
6FL178040400024	V2 Power 178 ZK40	178	22.23	Z-Power 40	8,500	10
6FL178060400024	V2 Power 178 ZK60	178	22.23	Z-Power 60	8,500	10
6FL23040400024	V2 Power 230 ZK40	230	22.23	Z-Power 40	6,600	10

Recommended for: ● Inox/Steel ● Steel

V2 Power Steel lamellar flap disc

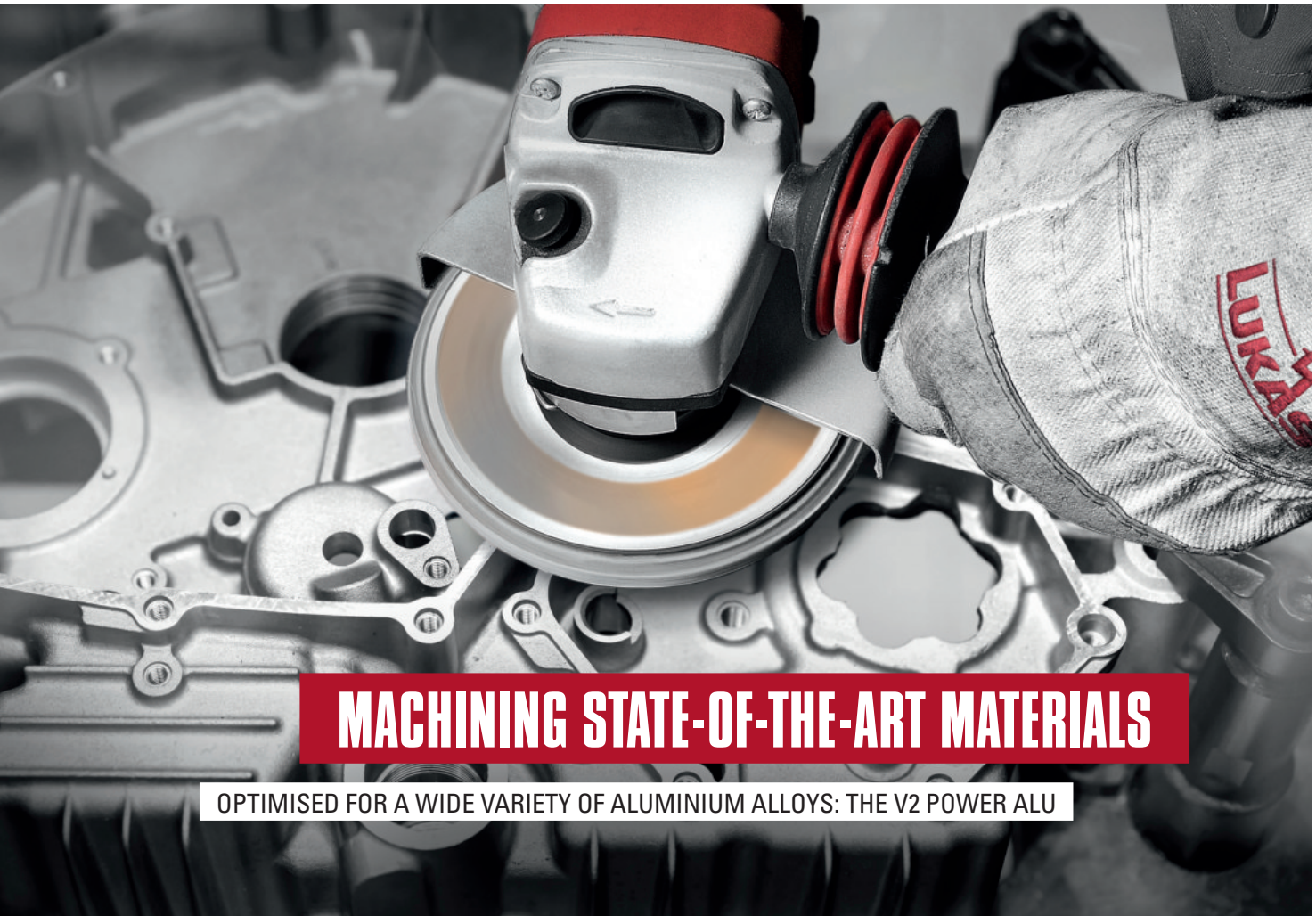


- ideally suited for universal use on steel
- exceptionally tough grain and resistant to high pressure

★★★

Product number	Description	D mm	H mm	Grit	n _{max} rpm	Pack contains
6FL115040405024	V2 Power 115 ZK40	115	22.23	Z-Power 40	13,300	10
6FL115060604524	V2 Power 115 ZK60	115	22.23	Z-Power 60	13,300	10
6FL125040405024	V2 Power 125 ZK40	125	22.23	Z-Power 40	12,200	10

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



MACHINING STATE-OF-THE-ART MATERIALS

OPTIMISED FOR A WIDE VARIETY OF ALUMINIUM ALLOYS: THE V2 POWER ALU

GRINDING AND POLISHING
(with flexible tools)

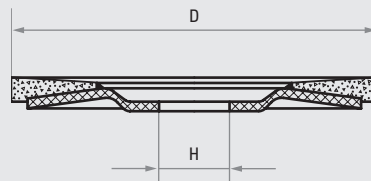


V2 Power Alu lamellar flap disc



★★★

- Silicon carbide (SiC) is ideally suited for the preparation and finishing of welds of various aluminium alloys.
- Silicon carbide (SiC) is also very suitable for machining modern materials such as CFRP and GFRP.



Product number	Description	D mm	H mm	Grit	n _{max} rpm	Pack contains
6FL115040600024	V2 Power 115 SIC 40	115	22.23	SIC 40	13,300	10
6FL178036600024	V2 Power 178 SIC 36	178	22.23	SIC 36	8,500	10

Recommended for: ● Aluminium ● Titanium ● Plastic/Wood

SLTflex – FOR MACHINING INACCESSIBLE AREAS

EXPERIENCE THE EFFICIENCY COMPARED TO FIBRE,
GRINDING OR CONVENTIONAL LAMELLAR FLAP STOCK DISCS



The flexible SLTflex flap discs from LUKAS for machining hard-to-reach areas are the improved alternative to grinding discs or conventional lamellar flap discs.

The small resin core of the backing plate and its practical M14 thread allows for a larger flap projection. This makes the disc flexible, it can adapt itself to uneven surfaces, and requires little effort in use. With its long tool life, it is ideally suitable for fillet weld grinding. There is no risk of the workpiece being damaged by the back plate.

Compared to grinding discs, the LUKAS patented flap shape and arrangement gives 50 % lower noise levels, less vibration, faster operation, greater efficiency and better surface results. The flat orientation of the abrasive flaps not only makes for safer working, but also reduces tool wear.

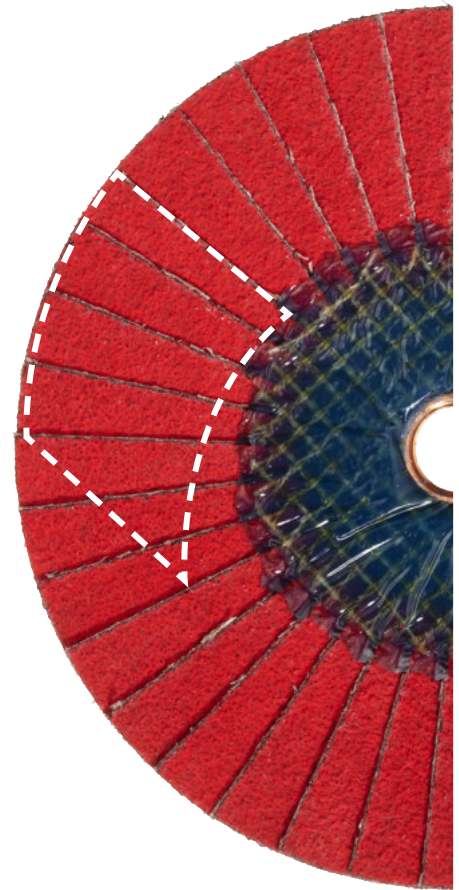
A particularly large concentration of abrasive grains on the outer perimeter results in an exceptionally high stock removal rate per minute. Thanks to the multi-layer abrasive coating, these lamellar flap discs remain sharp throughout the tool life. As the flaps wear, the fresh abrasive coating of the flaps underneath is exposed. Consequently, they achieve a long tool life with consistent results.

PROPERTIES

- high flexibility thanks to the wide flap projection
- exceptionally long tool life
- easy tool changing

APPLICATION

ideal for machining weld seams, deburring, derusting, fettling and smoothing

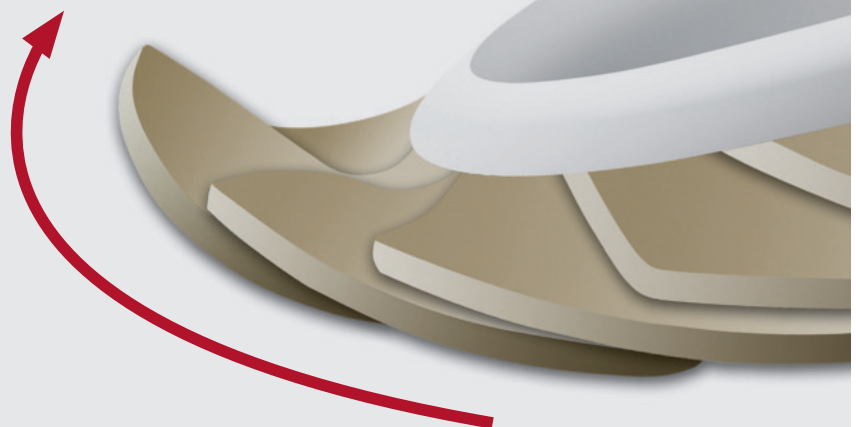
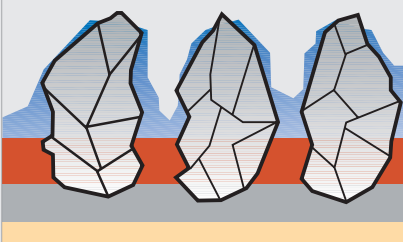


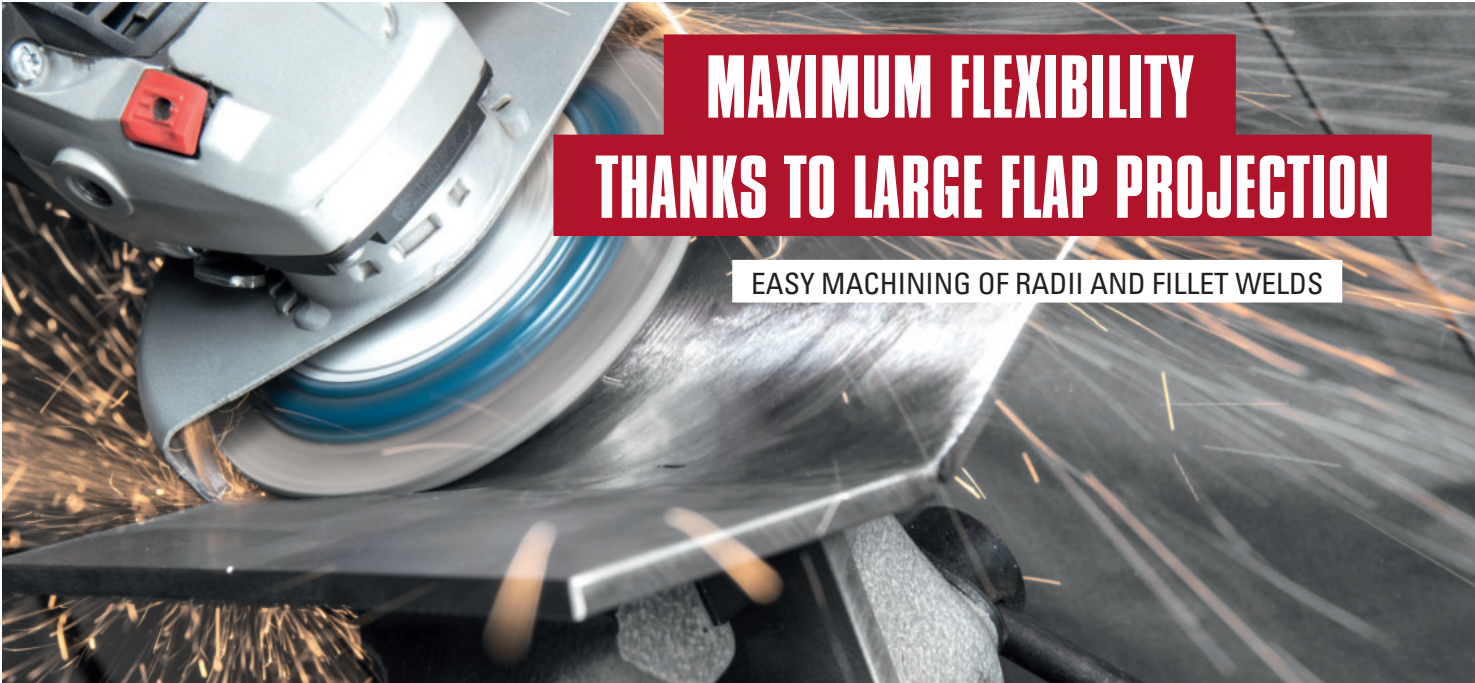
GRINDING AND POLISHING
(with flexible tools)

FLEXIBLE FLAP ARRANGEMENT

ABRASIVE CLOTH

Using high-performance abrasive cloth (with additional abrasive surface layer)

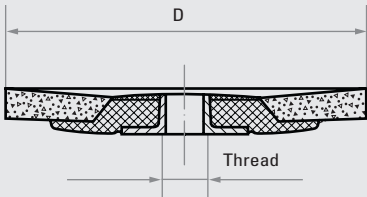




MAXIMUM FLEXIBILITY
THANKS TO LARGE FLAP PROJECTION

EASY MACHINING OF RADII AND FILLET WELDS

SLTflex lamellar flap disc



- for machining radii and fillet welds
- high flexibility thanks to the large flap projection (no interference from backing plate)
- easy tool changing (backing pad and clamping nut are not required)
- long tool life

★★★

Product number	Description	D mm	Thread	Grit	n max rpm	Pack contains
6FL115040145524	SLTflex 115 ZK40	115	M14	ZKS 40	13,300	10
6FL115060145524	SLTflex 115 ZK60	115	M14	ZKS 60	13,300	10
6FL115080145524	SLTflex 115 ZK80	115	M14	ZK 80	13,300	10

Recommended for: Inox/Steel Steel Aluminium Cast material Titanium

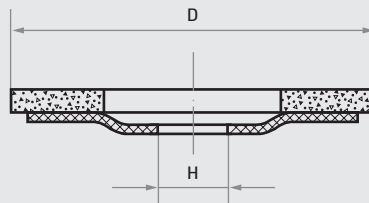
IMPRESSIVE TOOL LIFE WITH HIGH ERGONOMICS

HIGH-PERFORMANCE LUKAS LAMELLAR FLAP DISCS WITH RECTANGULAR FLAPS



SLTO / SLTR lamellar flap disc, zirconia alumina

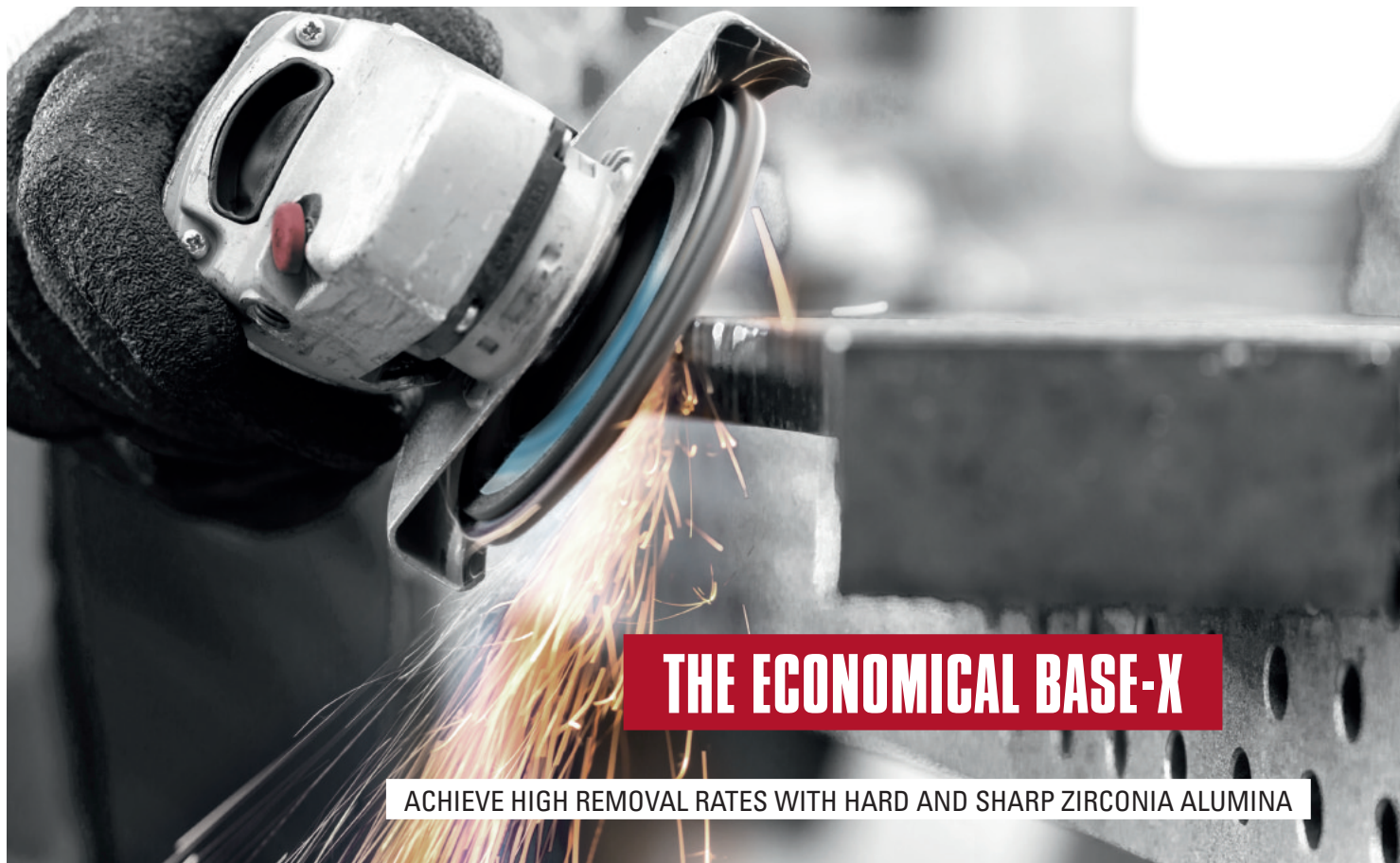
- achieves high removal rates on hard and tough materials and a long tool life
- for deburring, fettling, derusting, smoothening and weld seam machining
- very good price-to-performance thanks to the rectangular flaps
- always remains sharp throughout the tool life thanks to the multi-layer coating
-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



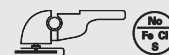
★★☆

Product number	Description	D mm	H mm	Drawing	Grit	n_{max} rpm	Pack contains
6FL115036125024	SLTO 115 ZK36	115	22.23		ZK 36	13,300	10
6FL115080115024	SLTO 115 NK80	115	22.23		NK 80	13,300	10
6FL115080125024	SLTO 115 ZK80	115	22.23		ZK 80	13,300	10
6FL115120125024	SLTO 115 ZK120	115	22.23		ZK 120	13,300	10
6FL178080125024	SLTO 178 ZK80	178	22.23		ZK 80	8,500	10
6FL10004032051	SLTR 100 ZK40	100	16,00		ZK 40	15,300	10
6FL10006032051	SLTR 100 ZK60	100	16,00		ZK 60	15,300	10
6FL115040220506	SLTR 115 ZK40	115	22.23		ZK 40	13,300	10
6FL115060220506	SLTR 115 ZK60	115	22.23		ZK 60	13,300	10
6FL115080220506	SLTR 115 ZK80	115	22.23		ZK 80	13,300	10
6FL115120220506	SLTR 115 ZK120	115	22.23		ZK 120	13,300	10
6FL178040220506	SLTR 178 ZK40	178	22.23		ZK 40	8,500	10
6FL178060220506	SLTR 178 ZK60	178	22.23		ZK 60	8,500	10
6FL178080220506	SLTR 178 ZK80	178	22.23		ZK 80	8,500	10
6FL178120220506	SLTR 178 ZK120	178	22.23		ZK 120	8,500	10

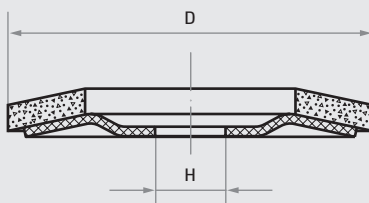
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



SLTR BASE-X lamellar flap disc



- 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	D mm	H mm	Drawing	Grit	n _{max} rpm	Pack contains
6FL115040220724	SLTR 115 BASE-X ZK40	115	22.23		ZKS 40	13,300	10
6FL115060220724	SLTR 115 BASE-X ZK60	115	22.23		ZKS 60	13,300	10
6FL115080220724	SLTR 115 BASE-X ZK80	115	22.23		ZKS 80	13,300	10

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

SLTN SURFACE CONDITIONING DISC

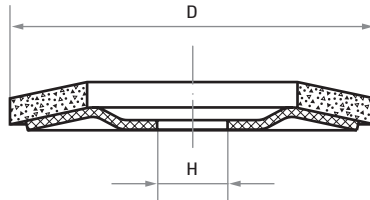
PERFECT SURFACE FINISHING AND BLENDING



GRINDING AND POLISHING
(with flexible tools)




SLTN non-woven lamellar flap disc



- optimal results at lower rpms
- for deburring, fettling, derusting,
- finishing of stainless steel and stainless steel weld seams
- high quality non-woven material
- glass fibre backing

★★☆

Product number	Description	D mm	H mm	Drawing	Grit	Optimal mm	n _{max} rpm	Pack contains
7FD1150205067	SLTN Blue fine	115	22.23		SC Fine	5,000	13,300	10
7FD1150204067	SLTN Maroon medium	115	22.23		SC Medium	5,000	13,300	10
7FD1150203067	SLTN Brown coarse	115	22.23		SC Course	5,000	13,300	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium								

SLTV NAWAROFLEX DISC

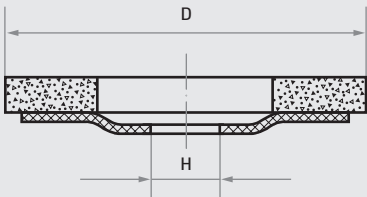
ACHEIVE FINE SATIN FINISHES EASILY

GRINDING AND POLISHING
(with flexible tools)



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	D mm	H mm	Quality	Grit	n _{max} rpm	Pack contains
6FV115221042024	SLTV 115 A104	115	22.23	A104	NK 100	5,300	10
6FV115221062024	SLTV 115 A106	115	22.23	A106	NK 180	5,300	10

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

AS CLEANING FLEECE

EFFICIENTLY TREAT SURFACES IN A WIDE VARIETY OF MATERIALS

LUKAS AS cleaning fleece consists of a coarse polyamide non-woven material impregnated with high-impact abrasive particles. Thanks to this combination of polyamide non-woven material and hard abrasive particles, LUKAS cleaning fleece is ideal for efficient surface finishing, including removing paint or concrete residue and rust, cleaning, polishing or graining wood. The tool is widely used in the building sector, bodywork and shipbuilding.

With its combination of materials, the cleaning fleece (or disc) offers significant advantages in practical use. Heat generation and the grinding pressure applied are kept to a minimum, ensuring no clogging or damage to workpieces. In practical terms, this means that your cleaning fleece or disc is a tool that you can use efficiently and effectively for a long time to come.

APPLICATION RECOMMENDATIONS

The tools in our AS cleaning fleece range are ideal for the following applications:

- removing paint and adhesive residue
- removing cement and concrete residue
- removing rust, cleaning and polishing a wide variety of surface materials
- graining and cleaning wood
- rust removal and cleaning jobs (e.g. barnacles on boats and ships)
- cleaning car undersides, various vehicle coachbuilding tasks
- cleaning weld seams – before and after welding

PROPERTIES

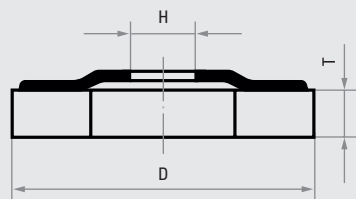
- low heat generation
- operation at low grinding pressure possible
- no clogging
- no damage to workpieces

SAFETY ADVICE

Please adhere to our recommended, never-exceed maximum speeds.



- can be used universally without a backing pad on adjustable or low-speed angle grinders
- the all-rounder for removing paint and adhesive residue, as well as rust removal, cleaning and polishing a wide variety of surface materials
- made of resilient materials for a long service life, high removal rate and fast operation



ASVT flap disc



★★☆

Product number	Description	D mm	T mm	H mm	n recomm. rpm	n max. rpm	Pack contains
6FL11500001024	ASVT 115	115	13	22.23	5,300	10,500	10
Recommended for: ● Plastic/Wood ● Titanium ● Aluminium ● 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.

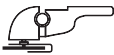
The LUKAS polishing tool range with its huge variety of different shapes allows you to choose the most suitable polishing tools for your specific fine machining (fine and ultra-fine grinding) or polishing requirements. This means that with our tools you can work in an extremely economical and especially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

THE LUKAS POLISHING DISC SET

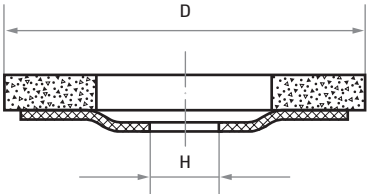
After fine grinding your surfaces with an angle grinder, you can then easily achieve your desired polishing results with the LUKAS polishing disc set. Just use the different polishing discs from the LUKAS polishing set in sequence. Easily and quickly achieve everything from removing rust to a mirror finish with just a few tool changes and without switching machines. The practical LUKAS polishing disc sets can be found in **section 3.2**



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
6FP115000523024	SLTP 115 M	115	22.23	medium	8,300	10
6FP115000513024	SLTP 115 W	115	22.23	soft	8,300	10

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

FELT POLISHING LAMELLAR DISC

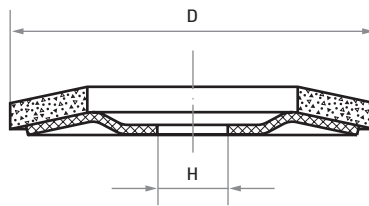
REMOVE FINE MARKS AND

ACHIEVED HIGH GLOSS SURFACE FINISHES

GRINDING AND POLISHING
(with flexible tools)



Felt lamellar flap disc

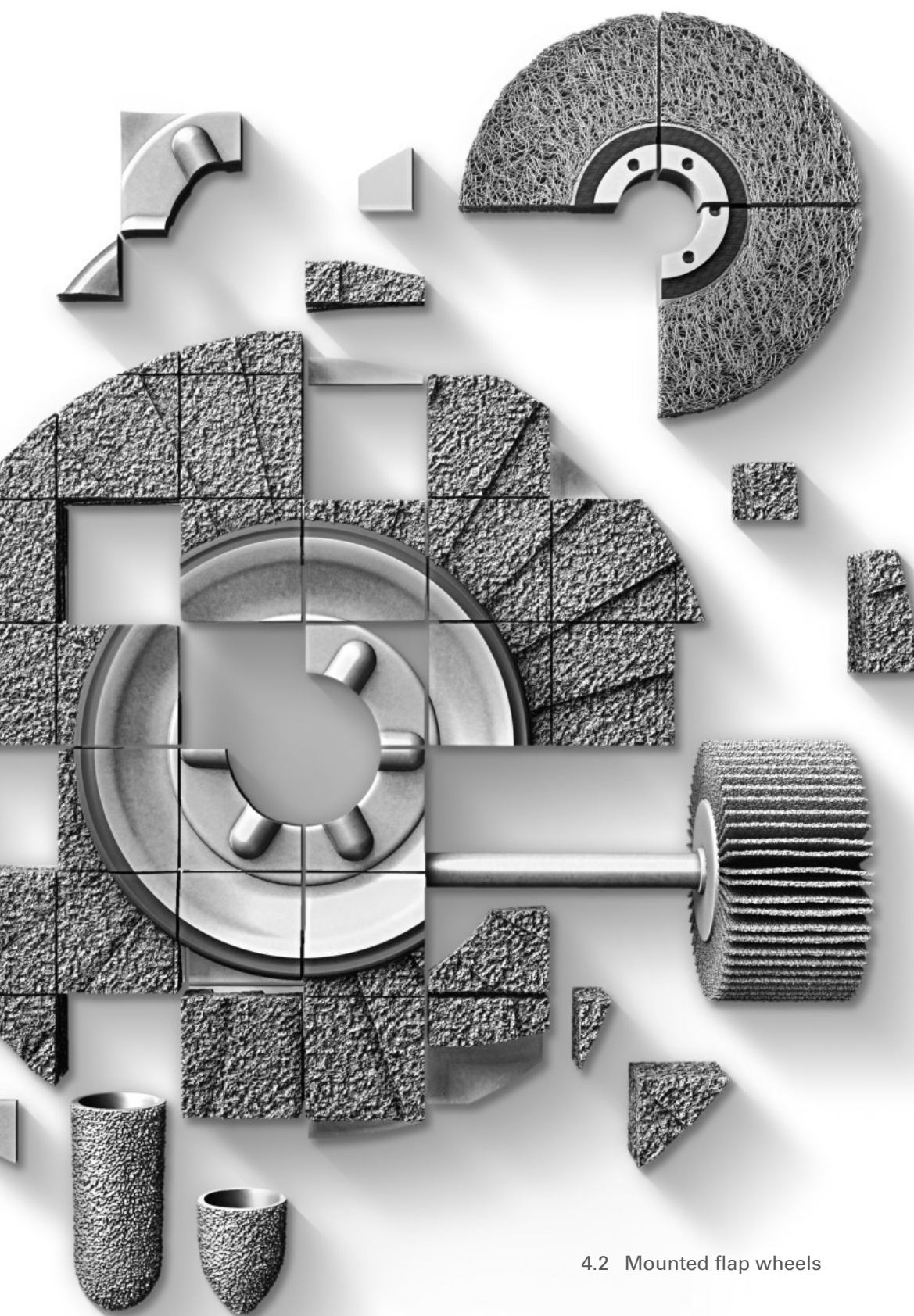


- medium to high-gloss polishing
- to be used with abrasive or polishing compounds
- ideal for low speed angle polishers

★★☆

Product number	Description	Flap thickness mm	Drawing	D mm	H mm	n_{max} rpm	Pack contains
6FF115220103080	Felt flaps 3 mm	3		115	22.23	1,600	1
6FF115220106080	Felt flaps 6 mm	6		115	22.23	1,600	1

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



4.2 Mounted flap wheels

GRINDING AND POLISHING

(with flexible tools)

GRINDING AND POLISHING
(with flexible tools)

1–8

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Mounted flap wheels made of abrasive cloth, abrasive fleece and a combination of both

SFL, MOUNTED FLAP WHEEL MADE OF ABRASIVE CLOTH

These tools comprise individual flaps which are radially fixed around the axis of the tool. They are mainly used on handheld power tools. We offer our mounted flap wheels made of abrasive cloth in the qualities Ceramic, NK, NKE and SIC.

Application examples:

- Smoothing
- Derusting
- Fettling
- Deburring
- Surface grinding
- Texturing
- Beveling

SFV, MOUNTED FLAP WHEEL MADE OF ABRASIVE FLEECE

These tools comprise single fleece flaps fixed radially around the axis of the tool; they are available in regular aluminium oxide (A), silicon carbide (C) and zirconia aluminium oxide (Z). SFV are mainly used on handheld power tools.

Application examples:

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

SFM, MOUNTED FLAP WHEEL MADE OF COMBINED ABRASIVE FLEECE AND CLOTH

These tools comprise single fleece and cloth flaps radially fixed around the axis of the tool; they are available in regular aluminium oxide (A) and silicon carbide (C). The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared with type SFV. SFM are mainly used on handheld power tools.

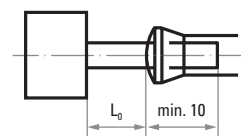
Application examples:

- Cleaning
- Derusting
- Pre-grinding
- Texturing
- Roughing

Quality	Abrasive particles	Grit	Surface
A104	Regular aluminium oxide	NK 100	medium
A106	Regular aluminium oxide	NK 180	fine
A107	Regular aluminium oxide	NK 280	very fine

SPEED

The stated maximum permissible speeds apply for a maximum open shank length L_0 of 20 mm.





TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here. These rolls can be purchased individually or used to be converted in belts or discs

Quality recommendations apply for ideal operating conditions.

■ best suitable ■ suitable

Type	Page	Reference/ Qualities	Product line	Materials								
				●	●	●	●	●	●	●	●	●
				Inox/Stainless- Rust-, acid- and heat-resistant steel	General pur- pose Steel	Alloyed/ tempered steels	Tool steels	Aluminium, magnesium and copper alloys	Stone/ Construction material	Cast iron	Titanium and nickel alloys	Plastic/Wood
 	4-6	SFL mounted flap wheel	★★☆	■	■	■	■	■	■	■	■	■
	7	SFV mounted flap wheel	★★☆	■	■	■	■	■	■	■	■	■
	8	SFM mounted flap wheel	★★☆	■	■	■	■	■	■	■	■	■

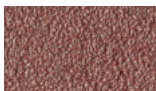
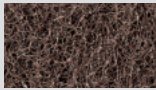

GRINDING AND POLISHING
(with flexible tools)

QUALITY AND APPLICATIONS

The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

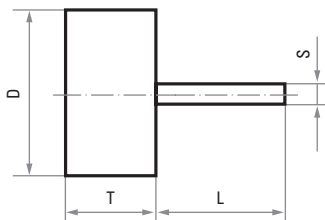
The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.

Quality		Properties	Application areas/ machining	available as	Page
	NK Abrasive cloth Regular aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	Mounted flap wheels	4-6
	NK Abrasive fleece Regular aluminium oxide	polishing effect with the fibre structure, consistent results thanks to continuous exposure of new abrasive particles	chrome-nickel alloys and other non-rusting steels, zinc die castings, non-ferrous metals, wood	Mounted flap wheels	7
	Combination Abrasive fleece/cloth Regular aluminium oxide reinforced fleece	with the combination mounted flap wheels, the abrasive cloth and fleece flaps wear more evenly, improved removal rate	deal for surface finishing of sheet metal products made from non-rusting steel such as stainless steel sinks and containers	Mounted flap wheels	8

CERAMIC MOUNTED FLAP WHEELS FROM LUKAS FOR THE MOST PRECISE APPLICATIONS

EFFICIENT SURFACE GRINDING WITH SELF-SHARPENING EFFECT AND EXCEPTIONAL TOOL LIFE

SFL mounted flap wheel



- good tool life on different materials for rough and fine grinding
- regular aluminium oxide for cost-effective applications
- used as a handheld tool, ideal for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling

★★☆

Product number	Description	D mm	T mm	S mm	L mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FS020100308024	SFL 02010.03 P80	20	10	3	40	NK 80	20,000	28,000	10
6FS020150608024	SFL 02015.06 P80	20	15	6	40	NK 80	20,000	38,200	10
6FS02020068024	SFL 02020.06 P80	20	20	6	40	NK 80	20,000	38,200	10
6FS02020061224	SFL 02020.06 P120	20	20	6	40	NK 120	20,000	38,200	10
6FS02020062424	SFL 02020.06 P240	20	20	6	40	NK 240	20,000	38,200	10
6FS02515068024	SFL 02515.06 P80	25	15	6	40	NK 80	16,000	30,600	10
6FS025150612024	SFL 02515.06 P120	25	15	6	40	NK 120	16,000	30,600	10
6FS03005066024	SFL 03005.06 P60	30	05	6	40	NK 60	16,000	30,600	10
6FS03005068024	SFL 03005.06 P80	30	05	6	40	NK 80	16,000	25,400	10
6FS03005061224	SFL 03005.06 P120	30	05	6	40	NK 120	16,000	25,400	10
6FS03010036024	SFL 03010.03 P60	30	10	3	40	NK 60	16,000	18,000	10
6FS03010031224	SFL 03010.03 P120	30	10	3	40	NK 120	16,000	18,000	10

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

Product number	Description	D mm	T mm	S mm	L mm	Grit	n _{recom} rpm	n _{max} rpm	Pack con- tains
6FS03010032424	SFL 03010.03 P240	30	10	3	40	NK 240	16,000	18,000	10
6FS03010033224	SFL 03010.03 P320	30	10	3	40	NK 320	16,000	18,000	10
6FS03010066024	SFL 03010.06 P60	30	10	6	40	NK 60	16,000	25,400	10
6FS03010068024	SFL 03010.06 P80	30	10	6	40	NK 80	16,000	25,400	10
6FS030100612024	SFL 03010.06 P120	30	10	6	40	NK 120	16,000	25,400	10
6FS030100615024	SFL 03010.06 P150	30	10	6	40	NK 150	16,000	25,400	10
6FS03015066024	SFL 03015.06 P60	30	15	6	40	NK 60	16,000	25,400	10
6FS03015068024	SFL 03015.06 P80	30	15	6	40	NK 80	16,000	25,400	10
6FS03015061224	SFL 03015.06 P120	30	15	6	40	NK 120	16,000	25,400	10
6FS03020066024	SFL 03020.06 P60	30	20	6	40	NK 60	16,000	25,400	10
6FS04010068024	SFL 04010.06 P80	40	10	6	40	NK 80	12,000	19,100	10
6FS04015066024	SFL 04015.06 P60	40	15	6	40	NK 60	12,000	19,100	10
6FS04015068024	SFL 04015.06 P80	40	15	6	40	NK 80	12,000	19,100	10
6FS04015061224	SFL 04015.06 P120	40	15	6	40	NK 120	12,000	19,100	10
6FS04015061824	SFL 04015.06 P180	40	15	6	40	NK 180	12,000	19,100	10
6FS04015062424	SFL 04015.06 P240	40	15	6	40	NK 240	12,000	19,100	10
6FS04015063224	SFL 04015.06 P320	40	15	6	40	NK 320	12,000	19,100	10
6FS04015064024	SFL 04015.06 P400	40	15	6	40	NK 400	12,000	19,100	10
6FS04020066024	SFL 04020.06 P60	40	20	6	40	NK 60	12,000	19,100	10
6FS04020068024	SFL 04020.06 P80	40	20	6	40	NK 80	12,000	19,100	10
6FS04020061224	SFL 04020.06 P120	40	20	6	40	NK 120	12,000	19,100	10
6FS04020062424	SFL 04020.06 P240	40	20	6	40	NK 240	12,000	19,100	10
6FS04025066024	SFL 04025.06 P60	40	25	6	40	NK 60	12,000	19,100	10
6FS04025068024	SFL 04025.06 P80	40	25	6	40	NK 80	12,000	19,100	10
6FS04025061224	SFL 04025.06 P120	40	25	6	40	NK 120	12,000	19,100	10
6FS04040066024	SFL 04040.06 P60	40	40	6	40	NK 60	12,000	19,100	10
6FS04040068024	SFL 04040.06 P80	40	40	6	40	NK 80	12,000	19,100	10
6FS04040061224	SFL 04040.06 P120	40	40	6	40	NK 120	12,000	19,100	10
6FS05010068024	SFL 05010.06 P80	50	10	6	40	NK 80	9,000	15,300	10
6FS05010062424	SFL 05010.06 P240	50	10	6	40	NK 240	9,000	15,300	10
6FS05015064024	SFL 05015.06 P40	50	15	6	40	NK 40	9,000	15,300	10
6FS05015066024	SFL 05015.06 P60	50	15	6	40	NK 60	9,000	15,300	10
6FS05015068024	SFL 05015.06 P80	50	15	6	40	NK 80	9,000	15,300	10
6FS05015061224	SFL 05015.06 P120	50	15	6	40	NK 120	9,000	15,300	10
6FS05015061824	SFL 05015.06 P180	50	15	6	40	NK 180	9,000	15,300	10
6FS05015062424	SFL 05015.06 P240	50	15	6	40	NK 240	9,000	15,300	10
6FS05020064024	SFL 05020.06 P40	50	20	6	40	NK 40	9,000	15,300	10
6FS05020066024	SFL 05020.06 P60	50	20	6	40	NK 60	9,000	15,300	10
6FS05020068024	SFL 05020.06 P80	50	20	6	40	NK 80	9,000	15,300	10
6FS05020061224	SFL 05020.06 P120	50	20	6	40	NK 120	9,000	15,300	10
6FS05020062424	SFL 05020.06 P240	50	20	6	40	NK 240	9,000	15,300	10
6FS05030066024	SFL 05030.06 P60	50	30	6	40	NK 60	9,000	15,300	10
6FS05030068024	SFL 05030.06 P80	50	30	6	40	NK 80	9,000	15,300	10
6FS05030061224	SFL 05030.06 P120	50	30	6	40	NK 120	9,000	15,300	10
6FS05040066024	SFL 05040.06 P60	50	40	6	40	NK 60	9,000	15,300	10
6FS05040068024	SFL 05040.06 P80	50	40	6	40	NK 80	9,000	15,300	10
6FS05040061224	SFL 05040.06 P120	50	40	6	40	NK 120	9,000	15,300	10
6FS06015068024	SFL 06015.06 P80	60	15	6	40	NK 80	8,000	12,700	10
6FS06020066024	SFL 06020.06 P60	60	20	6	40	NK 60	8,000	12,700	10

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● TitaniumGRINDING AND POLISHING
(with flexible tools)

Product number	Description	D mm	T mm	S mm	L mm	Grit	n _{recom} rpm	n _{max} rpm	Pack con- tains
6FS06020068024	SFL 06020.06 P80	60	20	6	40	NK 80	8,000	12,700	10
6FS06020061224	SFL 06020.06 P120	60	20	6	40	NK 120	8,000	12,700	10
6FS06030064024	SFL 06030.06 P40	60	30	6	40	NK 40	8,000	12,700	10
6FS06030066024	SFL 06030.06 P60	60	30	6	40	NK 60	8,000	12,700	10
6FS06030068024	SFL 06030.06 P80	60	30	6	40	NK 80	8,000	12,700	10
6FS06030061224	SFL 06030.06 P120	60	30	6	40	NK 120	8,000	12,700	10
6FS06030062424	SFL 06030.06 P240	60	30	6	40	NK 240	8,000	12,700	10
6FS06040064024	SFL 06040.06 P40	60	40	6	40	NK 40	8,000	12,700	10
6FS06040066024	SFL 06040.06 P60	60	40	6	40	NK 60	8,000	12,700	10
6FS06040068024	SFL 06040.06 P80	60	40	6	40	NK 80	8,000	12,700	10
6FS06040061224	SFL 06040.06 P120	60	40	6	40	NK 120	8,000	12,700	10
6FS06040062424	SFL 06040.06 P240	60	40	6	40	NK 240	8,000	12,700	10
6FS06050066024	SFL 06050.06 P60	60	50	6	40	NK 60	8,000	8,500	10
6FS08015061224	SFL 08015.06 P120	80	15	6	40	NK 120	6,000	9,500	10
6FS08020066024	SFL 08020.06 P60	80	20	6	40	NK 60	6,000	9,500	10
6FS08020068024	SFL 08020.06 P80	80	20	6	40	NK 80	6,000	9,500	10
6FS08020061224	SFL 08020.06 P120	80	20	6	40	NK 120	6,000	9,500	10
6FS08030066024	SFL 08030.06 P60	80	30	6	40	NK 60	6,000	9,500	10
6FS08030068024	SFL 08030.06 P80	80	30	6	40	NK 80	6,000	9,500	10
6FS08030061224	SFL 08030.06 P120	80	30	6	40	NK 120	6,000	9,500	10
6FS08030062424	SFL 08030.06 P240	80	30	6	40	NK 240	6,000	9,500	10
6FS08050064024	SFL 08050.06 P40	80	50	6	40	NK 40	6,000	7,500	10
6FS08050066024	SFL 08050.06 P60	80	50	6	40	NK 60	6,000	7,500	10
6FS08050068024	SFL 08050.06 P80	80	50	6	40	NK 80	6,000	7,500	10
6FS08050061224	SFL 08050.06 P120	80	50	6	40	NK 120	6,000	7,500	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium									

LUKAS MOUNTED FLAP WHEELS MADE OF ABRASIVE FLEECE

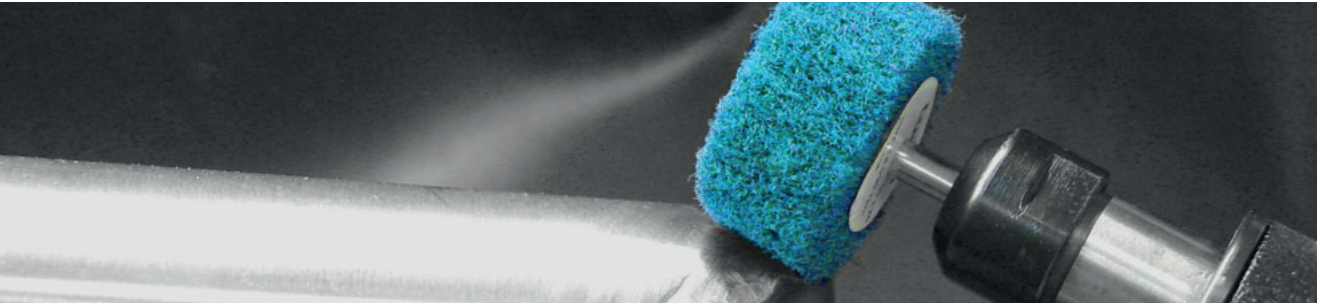
READY FOR EVERY WORK SCENARIO

The fleece flaps or discs of the LUKAS mounted flap wheels with abrasive fleece are made with regular aluminium oxide, zirconia alumina or silicon carbide. This means that LUKAS can cover a broad spectrum of machining materials from steel and titanium through to ceramics and tungsten carbide. Different designs allow you to specify the application even further.

Abrasive fleece is probably the most flexible of all abrasives and can be used for many different jobs. Its wide variety of designs enables LUKAS to offer you a broad spectrum of machining options: matt finishing, satin-matt finishing, polishing, smooth-

ening and final surface finishing – with LUKAS mounted flap wheels made of abrasive fleece, you can master any scenario.

LUKAS mounted flap wheels made of abrasive fleece comprise individual flaps, which are fixed radially fixed around the axis of the tool. Thanks to the use of polyamide, the abrasive fleece also adapts itself perfectly to uneven surfaces. You need less effort and time for your work, and yet still achieve perfect surface results.

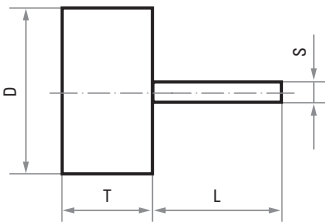


GRINDING AND POLISHING
(with flexible tools)



SFV mounted flap wheel, regular aluminium oxide

- used as a handheld tool, ideal for matt finishing, satin-matt finishing, polishing, cleaning or final finishing of workpiece surfaces
- adapts itself perfectly to uneven surfaces for cost-efficient working

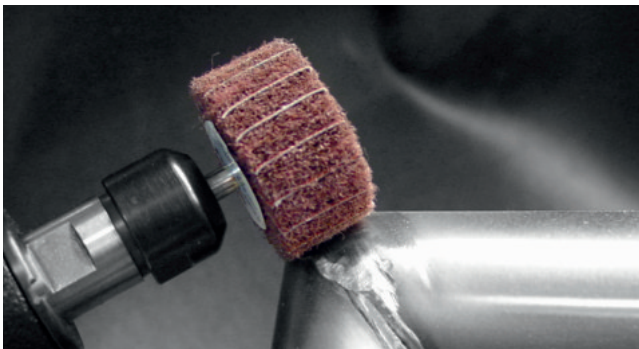


★★☆

Product number	Description	Quality	D mm	T mm	S mm	L mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FN040200610424	SFV 04020.06 P100	A104	40	20	6	40	NK 100	7,500	14,000	10
6FN040200610624	SFV 04020.06 P180	A106	40	20	6	40	NK 180	7,500	14,000	10
6FN040300610724	SFV 04030.06 P280	A107	40	30	6	40	NK 280	7,500	14,000	10
6FN050300610624	SFV 05030.06 P180	A106	50	30	6	40	NK 180	6,000	11,000	10
6FN080500610424	SFV 08050.06 P100	A104	80	50	6	40	NK 100	4,000	7,000	10
6FN080500610624	SFV 08050.06 P180	A106	80	50	6	40	NK 180	4,000	7,000	10
6FN080500610724	SFV 08050.06 P280	A107	80	50	6	40	NK 280	4,000	7,000	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium										

COMBINATION OF ABRASIVE FLEECE AND ABRASIVE CLOTH

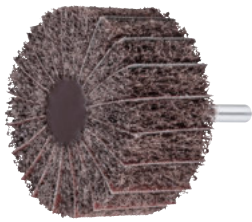
GREATER STABILITY FOR SUSTAINED USAGE



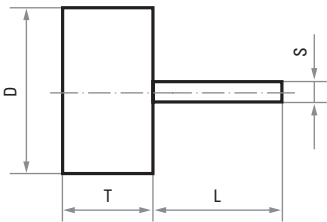
These LUKAS grinding tools feature a combination of abrasive fleece and abrasive cloth. During the production, the fleece and cloth flaps are fastened alternately and radially to the tool axis.

The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate than can be achieved compared to mounted flap wheels without the cloth. These optimised mounted flap wheels are mainly used on handheld power tools and, thanks to their stability, are ideally suited for cleaning, derusting, surface preparation, texturing and rough grinding.

SFM mounted flap wheel, combined abrasive fleece and cloth, regular aluminium oxide



★★☆



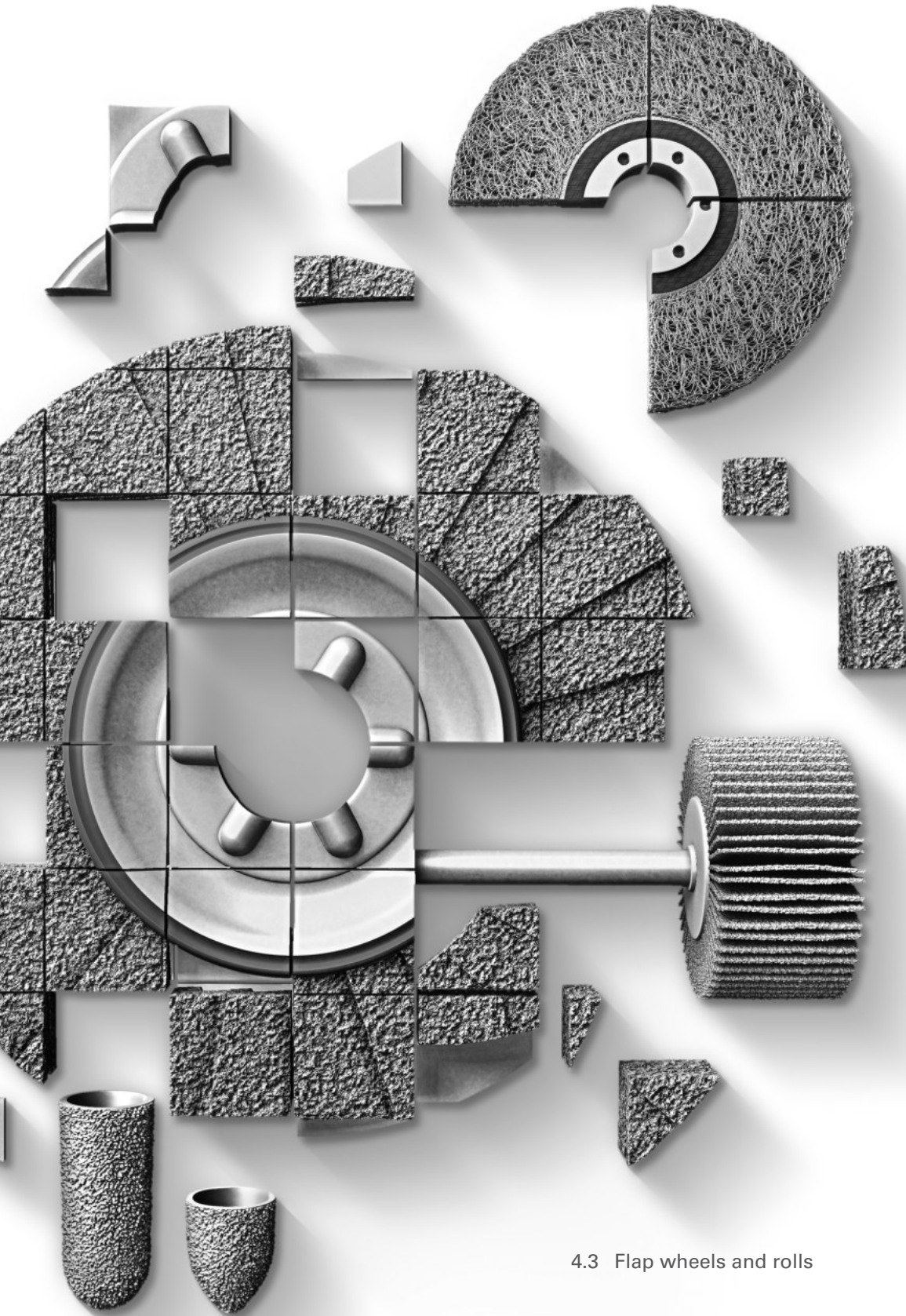
- for continuous working
- used as a handheld tool, ideal for the cleaning, derusting, surface preparation, texturing and roughening of workpiece surfaces

Product number	Description	Quality	D mm	T mm	S mm	L mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FN080500680024	SFM 08050.06 Combi	A104/80	80	50	6	40	NK 100/80	4,000	7,000	10
Recommended for: Inox/Steel Steel Aluminium Cast material Plastic/Wood Titanium										

GRINDING AND POLISHING

(with flexible tools)

GRINDING AND POLISHING
(with flexible tools)



4.3 Flap wheels and rolls

1–8

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Flap wheels and rolls 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!

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

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

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!

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.

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

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

These rolls with a 19 mm bore and four keyways are specially designed for use on non-rusting materials. 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!

- Cleaning
- Derusting
- Surface preparation
- Texturing
- Roughening




TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here. These rolls can be purchased individually or used to be converted in belts or discs

Quality recommendations apply for ideal operating conditions.

■ best suitable ■ suitable

Type	Page	Reference/ Qualities	Product line	Materials								
				●	●	●	●	●	●	●	●	●
				Inox/Stainless- Rust-, acid- and heat-resistant steel	General pur- pose Steel	Alloyed/ tempered steels	Tool steels	Aluminium, magnesium and copper alloys	Stone/ Construction material	Cast iron	Titanium and nickel alloys	Plastic/Wood
	4	LSL Flap wheel thread	★★☆	■	■	■	■	■	■	■	■	■
	5	LSL Flap wheel bore	★★☆	■	■	■	■	■	■	■	■	■
	6	LSV Flap wheel bore	★★☆	■	■	■	■	■	■	■	■	■
	7	LWL Flap roll	★★☆	■	■	■	■	■	■	■	■	■
	8	LWV Flap roll	★★☆	■	■	■	■	■	■	■	■	■
	8	LWM Flap roll	★★☆	■	■	■	■	■	■	■	■	■

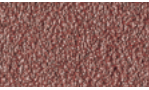
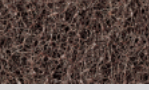

GRINDING AND POLISHING
(with flexible tools)

QUALITY AND APPLICATIONS

The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.

Quality	Properties	Application areas/ machining	available as	Page
	NK Abrasive cloth Regular aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	LSL Flap wheel thread LSL Flap wheel bore LWL Flap roll
	NK Abrasive fleece Regular aluminium oxide	polishing effect with the fibre structure, consistent results thanks to contin- uous exposure of new abrasive particles	chrome-nickel alloys and other non-rusting steels, zinc die castings, non- ferrous metals, wood	LSV Flap wheel bore LWV Flap roll
	TF Abrasive fleece/cloth Regular aluminium oxide reinforced fleece	with the combination mounted flap wheels, the abrasive cloth and fleece flaps wear more evenly, improved removal rate	ideal for surface finishing of sheet metal products made from non-rusting steel such as stainless steel sinks and containers	LWM Flap roll

FLAP WHEELS FOR ANGLE GRINDERS

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

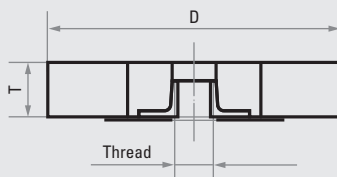
Each flap of this wheel of abrasive cloth is embedded radially to the axis in a solid plastic core. Used with a handheld tool, it is therefore ideal for derusting, removing paint and lacquers, reworking welding seams and for grinding work in container and railing construction, as well as in assembly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



Product number	Description	D mm	T mm	Thread	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FG1252014004024	LSL 125.20 M14 P40	125	20	M14	NK 40	9,600	12,200	1
6FG1252014006024	LSL 125.20 M14 P60	125	20	M14	NK 60	9,600	12,200	1
6FG1252014008024	LSL 125.20 M14 P80	125	20	M14	NK 80	9,600	12,200	1
6FG1252014012024	LSL 125.20 M14 P120	125	20	M14	NK 120	9,600	12,200	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium								

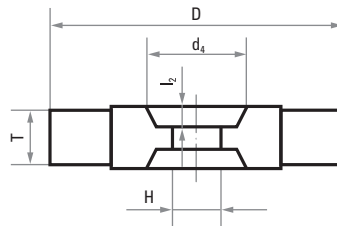
LUKAS FLAP WHEEL MADE OF NK ABRASIVE MATERIAL

ACHIEVE CONSISTANT BRUSH FINISH EFFECT ON STAINLESS STEEL



LSL, flap wheel of abrasive cloth

- 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..
- v_{recom} 30 m/s in handheld use
- v_{max} 50 m/s in stationary use
- n_{max} (rpm) applies for stationary use



★★☆

Product number	Description	D mm	T mm	H mm	recess on both sides d ₄ mm	recess on both sides l ₂ mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FG150252506024	150.25 P60 Giant flapper	150	25	25	47	18	NK 60	3,800	6,300	1
6FG150252508024	150.25 P80 Giant flapper	150	25	25	47	18	NK 80	3,800	6,300	1
6FG150252512024	150.25 P120 Giant flapper	150	25	25	47	18	NK 120	3,800	6,300	1
6FG150252524024	150.25 P240 Giant flapper	150	25	25	47	18	NK 240	3,800	6,300	1
6FG150502506024	150.50 P60 Giant flapper	150	50	25	47	18	NK 60	3,800	6,300	1
6FG150502508024	150.50 P80 Giant flapper	150	50	25	47	18	NK 80	3,400	5,700	1
6FG150502512024	150.50 P120 Giant flapper	150	50	25	47	18	NK 120	3,400	5,700	1
6FG150502518024	150.50 P180 Giant flapper	150	50	25	47	18	NK 180	3,400	5,700	1
6FG150502524024	150.50 P240 Giant flapper	150	50	25	47	18	NK 240	3,400	5,700	1
6FG200252506024	200.25 P60 Giant flapper	200	25	25	71	10	NK 60	2,800	4,700	1
6FG200252508024	200.25 P80 Giant flapper	200	25	25	71	10	NK 80	2,800	4,700	1
6FG200252512024	200.25 P120 Giant flapper	200	25	25	71	10	NK 120	2,800	4,700	1
6FG200252524024	200.25 P240 Giant flapper	200	25	25	71	10	NK 240	2,800	4,700	1
6FG200502506024	200.50 P60 Giant flapper	200	50	25	71	18	NK 60	2,800	4,700	1
6FG200502508024	200.50 P80 Giant flapper	200	50	25	71	18	NK 80	2,800	4,700	1
6FG200502512024	200.50 P120 Giant flapper	200	50	25	71	18	NK 120	2,800	4,700	1

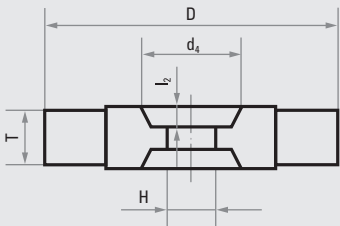
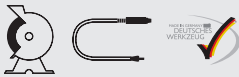
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

LUKAS FLAP WHEEL MADE OF ABRASIVE FLEECE

ADAPTED TO HANDLE YOUR SPECIFIC CHALLENGES

GRINDING AND POLISHING
(with flexible tools)

LSV, flap wheel of abrasive fleece



- for matt finishing, satin finishing, polishing, smoothing 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.
- v_{max} 35 m/s

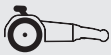
★★☆

Product number	Description	Qual-ity	D mm	T mm	H mm	recess on both sides d ₄ mm	recess on both sides l ₂ mm	Grit	Type	n _{recom} rpm	n _{max} rpm	Pack contains
6FN150252510624	LSV 150.25 A106	A106 M	150	25	25	47	18	NK 180	Med	2,000	4,000	1
6FN150502510624	LSV 150.50 A106	A106 M	150	50	25	47	18	NK 180	Med	2,000	4,000	1
6FN150502510724	LSV 150.50 A107	A107 M	150	50	25	47	18	NK 280	Med	2,000	4,000	1

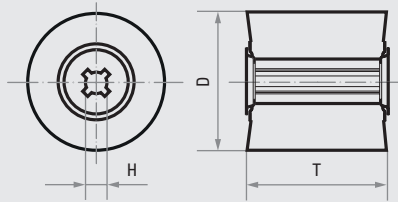
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

LUKAS CONDITIONING MACHINES

THE MATCHING POWER TOOL FOR YOUR CONDITIONING ROLLS



LWL, flap roll made of abrasive cloth

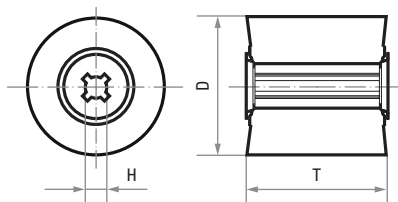


- for cleaning, deburring, derusting, surface preparation, texturing and roughening
- for conditioning machines

★★☆

Product number	Description	D mm	T mm	H mm	Grit	n _{recom} rpm	n _{max} rpm	Pack con- tains
6FG1001001908024	LWL 100100 P80	100	100	19	NK 80	3,700	6,000	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium								

LWV, flap roll made of abrasive fleece

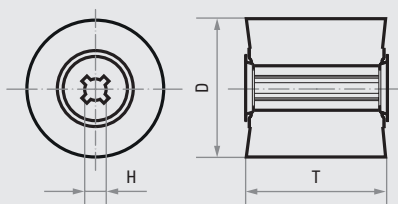


- for conditioning machines
- use of fibre fleece makes it elastic
- adapts itself to the shape of the workpiece
- for matt finishing, satin-matt finishing, polishing, smoothening and final finishing of workpiece surfaces

★★☆

Product number	Description	Quality	D mm	T mm	H mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FN1001001910424	LWV 100.100.19 A104	A104	100	100	19	NK 100	2,800	6,000	1
6FN1001001910624	LWV 100.100.19 A106	A106	100	100	19	NK 180	2,800	6,000	1
6FN1001001910724	LWV 100.100.19 A280	A107	100	100	19	NK 280	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	D mm	T mm	H mm	Grit	n _{recom} rpm	n _{max} rpm	Pack contains
6FN100100198024	LWM 100.100.19 A104/NK	A104/80	100	100	19	NK 100/80	2,800	6,000	1
6FN100100191524	LWM 100.100.19 A106/NK	A106/150	100	100	19	NK 180/150	2,800	6,000	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium									

A black and white photograph showcasing a variety of abrasive products. The central focus is a large, circular grinding wheel with a textured, granular surface, mounted on a metal mandrel. Surrounding this central piece are several other abrasive components: a smaller, semi-circular grinding wheel with a similar texture; a rectangular abrasive band; a cylindrical abrasive mandrel; and several smaller, irregularly shaped abrasive pieces. The products are arranged on a plain white background, highlighting their different shapes and textures.

1-4

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive bands and mandrels from LUKAS

SBZY ABRASIVE BANDS, CYLINDRICAL SHAPE

We offer a large selection of abrasive bands and matching mandrels. They are available in many different dimensions and qualities. Abrasive bands are made of abrasive cloth which is spirally wound onto a fabric with a backing. Mounted on matching mandrels, they are used with handheld machines (straight grinders or machines with a flexible shaft).

- Cleaning

■ Light deburring
- Refining

■ Surface and

STZY ABRASIVE BAND MANDRELS, CYLINDRICAL SHAPE

Our mandrels are used solely for mounting our cylindrical abrasive bands. Due to the special slots in the mandrel, the abrasive bands are firmly secured as speed increases.

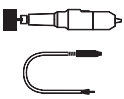
TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here. These rolls can be purchased individually or used to be converted in belts or discs.

Quality recommendations apply for ideal operating conditions.

- best suitable
- suitable

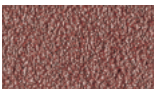
Type	Page	Reference/ Qualities	Product line	Materials								
				<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
				Inox/Stainless- Rust-, acid- and heat-resistant steel	General pur- pose Steel	Alloyed/ tempered steels	Tool steels	Aluminium, magnesium and copper alloys	Stone/ Construction material	Cast iron	Titanium and nickel alloys	Plastic/Wood
	3	SBZY abrasive bands	★★☆									

QUALITY AND APPLICATIONS

The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

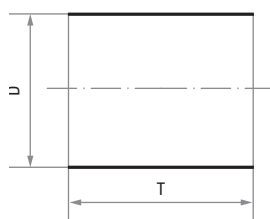
The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.

Quality		Properties	Application areas/ machining	available as	Page
	NK Abrasive cloth Regular aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	SBZY abrasive bands	3



SBZY regular aluminium oxide abrasive band, cylindrical shape

- regular aluminium oxide has good tool life when used on structural steel and for rough grinding.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- in combination with mandrels for use with straight grinders or machines with flexible shafts
- the matching mandrels can be found on **page 4**.



Product number	Description	D mm	T mm	Grit	Pack contains
6LB1010080024	SBZY 01010 Spiral band P80	10	10	NK 80	50
6LB1020060024	SBZY 01020 Spiral band P60	10	20	NK 60	50
6LB1020120924	SBZY 01020 Spiral band P120	10	20	NK 120	50
6LB1020240024	SBZY 01020 Spiral band P240	10	20	NK 240	50
6LB1225060024	SBZY 01225 Spiral band P60	12	25	NK 60	50
6LB1225080024	SBZY 01225 Spiral band P80	12	25	NK 80	50
6LB1225150024	SBZY 01225 Spiral band P150	12	25	NK 150	50
6LB1225240024	SBZY 01225 Spiral band P240	12	25	NK 240	50
6LB1530060024	SBZY 01530 Spiral band P60	15	30	NK 60	50
6LB1530080024	SBZY 01530 Spiral band P80	15	30	NK 80	50
6LB1530150024	SBZY 01530 Spiral band P150	15	30	NK 150	50
6LB1925060024	SBZY 01925 Spiral band P60	19	25	NK 60	50
6LB1925080024	SBZY 01925 Spiral band P80	19	25	NK 80	50
6LB1925150024	SBZY 01925 Spiral band P150	19	25	NK 150	50
6LB1925240024	SBZY 01925 Spiral band P240	19	25	NK 240	50
6LB2220060024	SBZY 02220 Spiral band P60	22	20	NK 60	50
6LB2220080024	SBZY 02220 Spiral band P80	22	20	NK 80	50
6LB2525060024	SBZY 02525 Spiral band P60	25	25	NK 60	50
6LB2525080024	SBZY 02525 Spiral band P80	25	25	NK 80	50
6LB2525180024	SBZY 02525 Spiral band P180	25	25	NK 180	50
6LB3030040024	SBZY 03030 Spiral band P40	30	30	NK 40	50
6LB3030060024	SBZY 03030 Spiral band P60	30	30	NK 60	50
6LB3030080024	SBZY 03030 Spiral band P80	30	30	NK 80	50
6LB3030120024	SBZY 03030 Spiral band P120	30	30	NK 120	50
6LB3030150024	SBZY 03030 Spiral band P150	30	30	NK 150	50
6LB3825040024	SBZY 03825 Spiral band P40	38	25	NK 40	50
6LB3825060024	SBZY 03825 Spiral band P60	38	25	NK 60	50
6LB3825080024	SBZY 03825 Spiral band P80	38	25	NK 80	50
6LB3825120024	SBZY 03825 Spiral band P120	38	25	NK 120	50
6LB3825150024	SBZY 03825 Spiral band P150	38	25	NK 150	50
6LB4530060024	SBZY 04530 Spiral band P60	45	30	NK 60	50
6LB4530080024	SBZY 04530 Spiral band P80	45	30	NK 80	50
6LB4530150024	SBZY 04530 Spiral band P150	45	30	NK 150	50
6LB5025040024	SBZY 05125 Spiral band P40	51	25	NK 40	50
6LB5025060024	SBZY 05125 Spiral band P60	51	25	NK 60	50
6LB5125080024	SBZY 05125 Spiral band P80	51	25	NK 80	50
6LB5125150024	SBZY 05125 Spiral band P150	51	25	NK 150	50
6LB6030060024	SBZY 06030 Spiral band P60	60	30	NK 60	50
6LB6030080024	SBZY 06030 Spiral band P80	60	30	NK 80	50
6LB7530060024	SBZY 07530 Spiral band P60	75	30	NK 60	50
6LB7530080024	SBZY 07530 Spiral band P80	75	30	NK 80	50

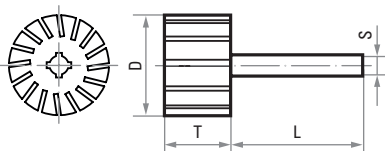
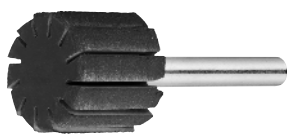
Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium

ABRASIVE BAND AND MANDRELS

MEET EVERY CHALLENGE WITH LUKAS ABRASIVE BANDS

GRINDING AND POLISHING
(with flexible tools)

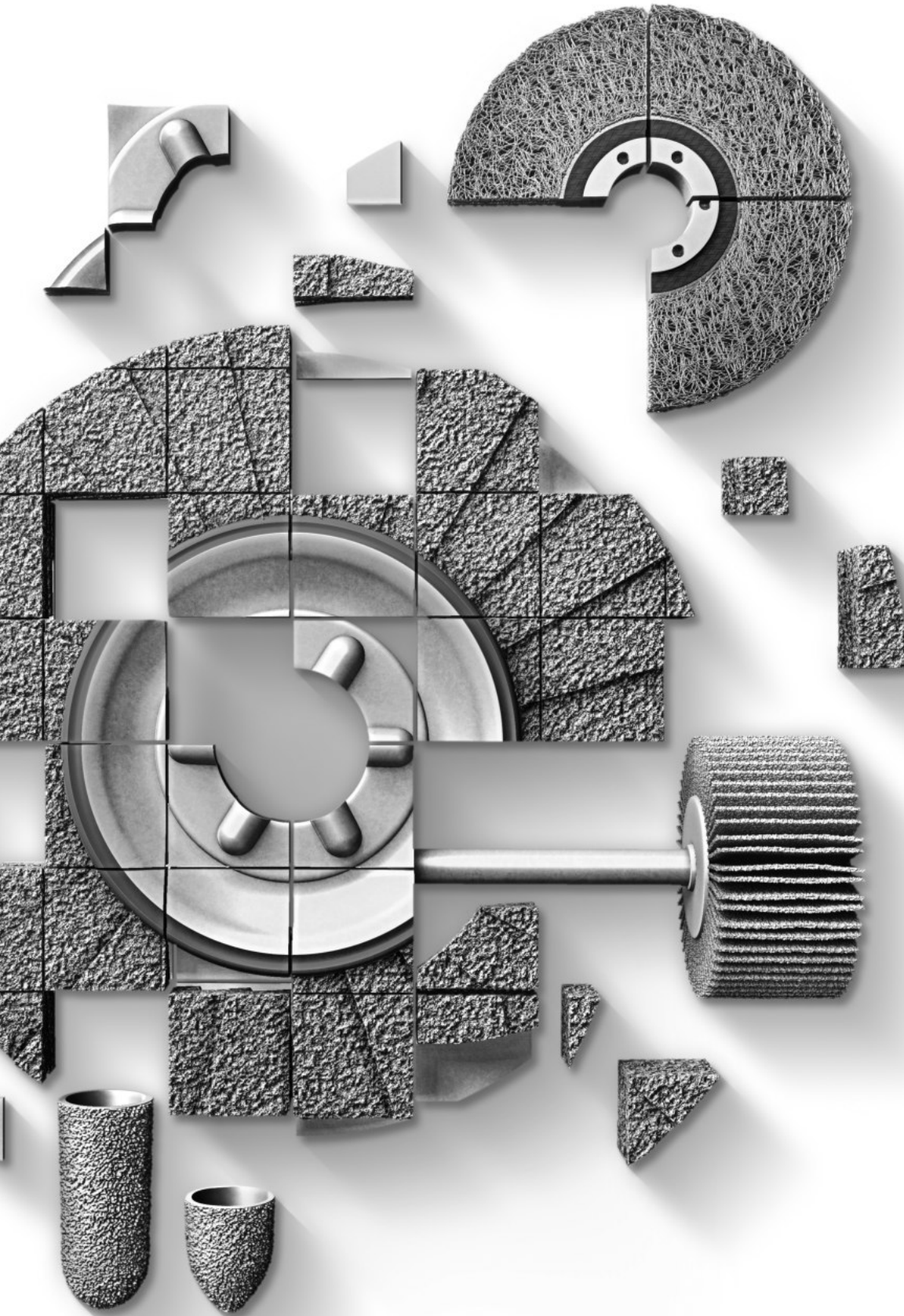
STZY hard abrasive band mandrel, cylindrical shape



The stated maximum permissible speeds apply for a maximum overhang length L_0 of 20 mm. The maximum permissible speed must be calculated separately for other overhang lengths!

★★☆

Product number	Description	D mm	T mm	S mm	L mm	Type	n_{\max} rpm	Pack contains
6LH1010024	STZY 01010.06 Holder	10	10	6	40	hard	57,000	5
6LH1020524	STZY 01020.06 Holder	10	20	6	40	hard	57,000	5
6LH1225524	STZY 01225.06 Holder	12	25	6	40	hard	46,500	5
6LH1530524	STZY 01530.06 Holder	15	30	6	40	hard	38,000	5
6LH1925524	STZY 01925.06 Holder	19	25	6	40	hard	30,000	5
6LH2220524	STZY 02220.06 Holder	22	20	6	40	hard	26,000	5
6LH2525524	STZY 02525.06 Holder	25	25	6	40	hard	22,500	5
6LH3030524	STZY 03030.06 Holder	30	30	6	40	hard	19,000	5
6LH3825524	STZY 03825.06 Holder	38	25	6	40	hard	15,000	5
6LH4530524	STZY 04530.06 Holder	45	30	6	40	hard	13,000	5
6LH5125524	STZY 05125.06 Holder	51	25	6	40	hard	11,200	5
6LH6030524	STZY 06030.06 Holder	60	30	6	40	hard	9,500	5
6LH7530524	STZY 07530.08 Holder	75	30	8	40	hard	6,500	10



GRINDING AND POLISHING

(with flexible tools)

GRINDING AND POLISHING
(with flexible tools)

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive rolls and belts

GENERAL

Lukas Abrasives South Africa has partnered with Hermes Schleifmittel GmbH to be the sole distributor in Southern Africa of the Hermes brand of coated abrasives.

Our Abrasive rolls and belts are available in many different qualities and dimensions. Applications range from high chip removal through to achieving an extremely fine surface finish.

SAFETY ADVICE

Please note our recommended operating speeds. Pay attention to the safety and accident prevention regulations, including the FEPA safety recommendations, when using and storing flexible grinding and polishing tools. The tools are marked with the appropriate pictograms for correct usage.

HANDLING AND STORAGE ADVICE

Coated abrasives should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18-22 °C and 45%-65% Relative Humidity. Coated abrasives should not be exposed to direct sunlight.

MINIMUM ORDER QUANTITIES

The minimum order quantity for made to order belts is 1 joint 300 mm wide that is slit to the required widths. The minimum order quantity for pre-packed belts is 1 pack

Belt width mm	Number of belts per a joint
6	50
7	42
9	33
10	30
12	25
13	23
15	20
20	15
30	10
35	8
36 - 40	7
41 - 50	6
51 - 60	5



for an excellent finish

Hermes Schleifmittel is a multi-national company with a long series of tradition and innovation, the Hermes brand of abrasives is a market leader in the coated abrasives sector. Manufacturing sanding products that includes heavy duty belts, sanding discs, rolls and accessories.

Quality: "Outstanding".

Hermes is the first European abrasives manufacturer to be awarded certification to DIN EN ISO 9001, including its research and development work, as long ago as 1993. A group certificate was added to this award in 1996.

In 2002, the quality management was expanded to include the environmental management (incorporating occupational health and safety) to form an integrated management system which is applicable all over the world.

Controlled quality has top priority in the company, meaning that Hermes can satisfy customer requirements in every respect..



TECHNICAL INFORMATION

The most important product information at a glance

BELT SPEEDS

Material	Cutting speed Vc (m/s) for conventional sanding belts		
	min	Recommended	max
Solid Wood	12	20	24
Veneer	10	20	24
Plywood	10	20	24
Primer	6	8	10
Lacquer	3	8	15
Particle boards/MDF	18	26	36
Mineral fibre boards	22	26	26
Melamine	10	12	16
Carbon steel	30	35	40
Tool steel	20	30	30
Stainless steel	20	30	30
Grey cast iron	30	35	40
Brass and bronze	27	35	37
CrNi - base alloy	16	22	28
Aluminium	28	35	40
Titanium (dry)	4	8	12
Titanium (Wet)	10	12	15

Material	Cutting speed Vc (m/s) for Non-woven material	
	Fine grinding	Structural grinding
Steel	8-22	20
Stainless steel	8-22	20
Non-ferrous metals	8-22	20

BELT JOINTS

Lukas Abrasive offer 2 types of belt joints

- **Overlap** = used as per direction arrows

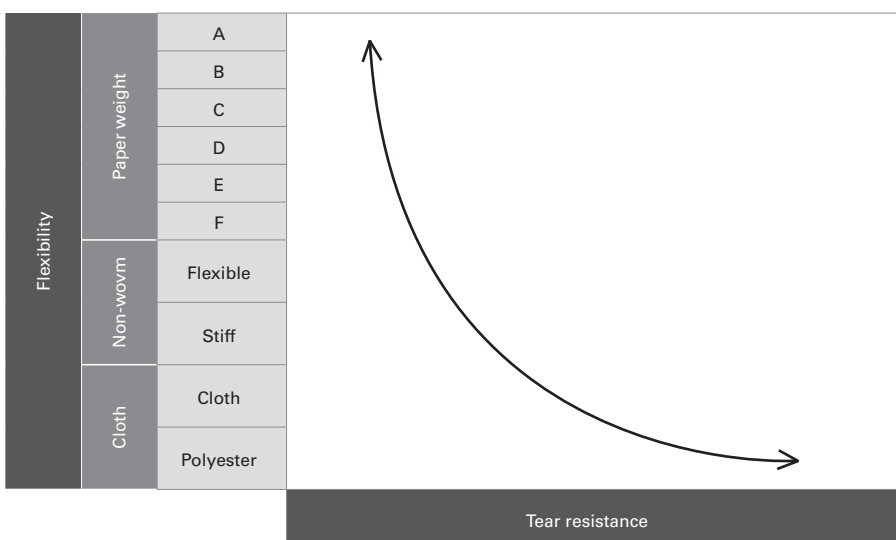


- **Butt/tape** = has no direction



ABRASIVE BACKING

- **Paper** = flexible, easily torn, non water resistant
- **Paper with latex** = flexible, easily torn, water resistant
- **Cloth** = flexible, tear resistant, water resistant, suitable for mild to heavy duty applications
- **Polyester** = stiff, tear resistant, water resistant, suitable for heavy duty applications
- **Non-woven** = varies between flexible and stiff, tear resistant, water resistant





TECHNICAL INFORMATION




























































































































Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here. These rolls can be purchased individually or used to be converted in belts or discs

Quality recommendations apply for ideal operating conditions.

 best suitable

 suitable

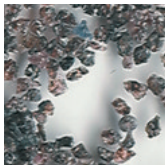
Type	Page	Reference/ Description	Product line	Quality	Materials											
					Inox/Stain- less steel	General purpose Steel	Tool steels	Aluminium, magnesium and copper alloys	Con- struction materials/ Plaster/ plaster-	Titanium and nickel alloys	Glass/ Stone	Wood	Plastics	Composit materials	Lacquer/ Varnish	Filler
  		AX-67 F	★☆☆													
		KX 167	★☆☆													
		S 445	★☆☆													
		SCP 31	★☆☆													
		SC Pro-X	★☆☆													
		AN 702	★★★☆☆													
		BW 116	★★★☆☆													
		CN 466 Z	★★★☆☆													
		RB 315 YX	★★★☆☆													
		RB 320 X	★★★☆☆													
		RB 480 24 YX	★★★☆☆													
		ZAP 44	★☆☆													
		Prepacked belts	★☆☆													
		Brown paper roll	★☆☆													
		Econo Roll Pro-X	★☆☆													
		Floor paper roll	★☆☆													
		Floor paper strip	★☆☆													
		Green eco roll	★☆☆													
		Non wo-ven fleece	★☆☆													
		Non wo-ven fleece	★☆☆													
		SPR 040	★★★☆☆													

QUALITY AND APPLICATIONS

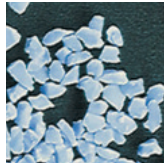
The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.



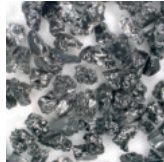
A
Semi-friable
aluminium oxide



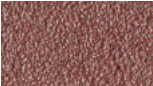
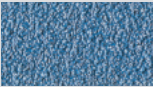
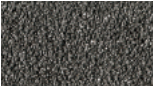
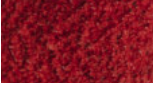
CER
Ceramic grain



ZK
Zirconia alumina



C/SIC
Silicon carbide

Quality	Properties	Application areas/ machining	available as
 A Semi-friable Aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	Abrasive rolls Abrasive discs Belts
 ZK Zirconia alumina	exceptionally resilient grain with high pressure resistance	forged steel, metals that are difficult to machine and with extremely hard surfaces (overlay weld- ing), titanium and titanium alloys, heat-resistant steel	Abrasive rolls Abrasive discs Belts
 C/SIC Silicon carbide	minimum heat generation, special quality for the aerospace industry	aluminium and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic	Abrasive rolls Abrasive discs Belts
 Cer Ceramic grain	excellent removal rate without grain shredding cool cutting	non-rusting steels, nickel alloys	Abrasive rolls Abrasive discs Belts

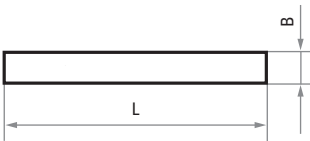
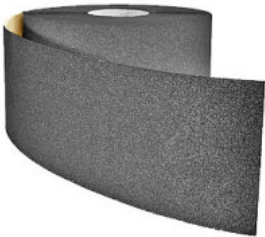


ABRASIVE ROLLS FOR CONVERSION

MEET EVERY CHALLENGE WITH LUKAS ABRASIVE ROLLS

GRINDING AND POLISHING
(with flexible tools)

Abrasive rolls for belt, disc and floor sheet conversion



- can be used for production purposes without conversion
- predominantly used for conversion of belts, discs and floor sheets

★☆☆

Product number	Description	B mm	L m	Grit	Abrasive	Coating	Back-ing	General conversion	Pack contains
6HA220500104057	AX-67-F Roll P40	220	50	40	A	Semi open	Cloth	Floor sheet	1
6HA220500106057	AX-67-F Roll P60	220	50	60	A	Semi open	Cloth	Floor sheet	1
6HA220500108057	AX-67-F Roll P80	220	50	80	A	Semi open	Cloth	Floor sheet	1
6HA220500110057	AX-67-F Roll P100	220	50	100	A	Semi open	Cloth	Floor sheet	1
6HA220500112057	AX-67-F Roll P120	220	50	120	A	Semi open	Cloth	Floor sheet	1

Recommended for:

● Steel

● Cast material

● Plastic/Wood

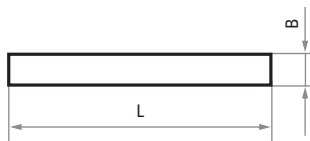
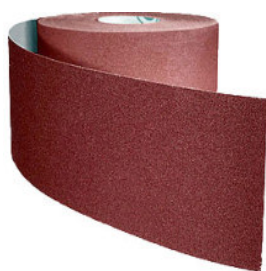
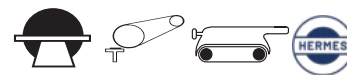
● Inox/Steel

● Aluminium

● Titanium

Product number	Description	B mm	L m	Grit	Abrasive	Coating	Backing	General conversion	Pack contains
-	KX167 Roll P24	310	50	24	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P36	310	50	36	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P40	310	50	40	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P60	310	50	60	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P80	310	50	80	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P100	310	50	100	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P120	310	50	120	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P150	310	50	150	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P180	310	50	180	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P220	310	50	220	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P240	310	50	240	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P320	310	50	320	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P400	310	50	400	A	Closed	Cloth	Belts, Discs	1
-	KX167 Roll P600	310	50	600	A	Closed	Cloth	Belts, Discs	1
-	ZAP-44 Roll ZK24	310	50	24	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK36	310	50	36	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK40	310	50	40	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK60	310	50	60	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK80	310	50	80	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK100	310	50	100	ZK	Closed	Polyester	Belts, Discs	1
-	ZAP-44 Roll ZK120	310	50	120	ZK	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC24	310	50	24	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC36	310	50	36	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC60	310	50	60	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC80	310	50	80	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC100	310	50	100	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC120	310	50	120	SIC	Closed	Polyester	Belts, Discs	1
-	SCP-31 Roll SIC180	310	50	180	SIC	Closed	Polyester	Belts, Discs	1
-	S-445 Roll SIC320	310	50	320	SIC	Closed	Cloth	Belts, Discs	1
-	S-445 Roll SIC40	310	50	400	SIC	Closed	Cloth	Belts, Discs	1
-	SCP-31 Roll SIC600	310	50	600	SIC	Closed	Polyester	Belts, Discs	1
-	CRP-50 Roll CERAMIC36	310	50	36	CER	Closed	-	Belts, Discs	1
-	CRP-50 Roll CERAMIC60	310	50	60	CER	Closed	-	Belts, Discs	1
-	CRP-50 Roll CERAMIC80	310	50	80	CER	Closed	-	Belts, Discs	1
Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium									

Abrasive rolls for belt and disc conversion



- good toollife, maximum performance
- can be used for production purposes without conversion
- predominantly used for conversion of belts and discs

★★☆

GRINDING AND POLISHING
(with flexible tools)

Product number	Description	B mm	L m	Grit	Abrasive	Coating	Backing	General conversion	Pack contains
6HA310100004057	RB320X Roll P40	310	50	40	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100006057	RB320X Roll P60	310	50	60	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100008057	RB320X Roll P80	310	50	80	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100010057	RB320X Roll P100	310	50	100	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100012057	RB320X Roll P120	310	50	120	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100018057	RB320X Roll P180	310	50	180	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100022057	RB320X Roll P220	310	50	220	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100024057	RB320X Roll P240	310	50	240	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100032057	RB320X Roll P320	310	50	320	A	Semi open	Cloth-X	Belts, Discs	1
6HA310100040057	RB320X Roll P400	310	50	400	A	Semi open	Cloth-X	Belts, Discs	1
6HA310155006057	BW116 Roll P60	310	50	60	A	Closed	Paper-F	Belts, Discs	1
6HA310155008057	BW116 Roll P80	310	50	80	A	Closed	Paper-F	Belts, Discs	1
6HA310155010057	BW116 Roll P100	310	50	100	A	Closed	Paper-F	Belts, Discs	1
6HA310155012057	BW116 Roll P120	310	50	120	A	Closed	Paper-F	Belts, Discs	1
6HA310200004057	RB480 Roll ZK40	310	50	40	ZK	Closed	Cloth-YX	Belts, Discs	1
6HA310200006057	RB480 24 YX Roll ZK60	310	50	60	ZK	Closed	Cloth-YX	Belts, Discs	1
6HA310200008057	RB480 24 YX Roll ZK80	310	50	80	ZK	Closed	Cloth-YX	Belts, Discs	1
6HA310200010057	RB480 24 YX Roll ZK100	310	50	100	ZK	Closed	Cloth-YX	Belts, Discs	1
6HA310200012057	RB480 24 YX Roll ZK120	310	50	120	ZK	Closed	Cloth-YX	Belts, Discs	1
6HA310700006057	RB484 44Z Roll ZK60	310	50	60	ZK	Closed	Cloth-Z	Belts, Discs	1
6HA310700008057	RB484 44Z Roll ZK80	310	50	80	ZK	Closed	Cloth-Z	Belts, Discs	1
6HA310700010057	RB484 44Z Roll ZK100	310	50	100	ZK	Closed	Cloth-Z	Belts, Discs	1
6HA310300006057	RB315 YX Roll SIC60	310	50	60	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300008057	RB315 YX Roll SIC80	310	50	80	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300010057	RB315 YX Roll SIC100	310	50	100	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300012057	RB315 YX Roll SIC120	310	50	120	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300015057	RB315 YX Roll SIC150	310	50	150	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300032057	RB315 YX Roll SIC320	310	50	320	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310300040057	RB315 YX Roll SIC400	310	50	400	SIC	Closed	Cloth-YX	Belts, Discs	1
6HA310805003657	CN466 ZRoll CER36	310	50	36	CER	Closed	Polyester-Z	Belts, Discs	1
6HA310805006057	CN466 ZRoll CER60	310	50	60	CER	Closed	Polyester-Z	Belts, Discs	1
-	TRIZACT A16	310	50	1200	TRI	Special	Cloth-X	Belts, Discs	1
-	TRIZACT A30	310	50	800	TRI	Special	Cloth-X	Belts, Discs	1
-	TRIZACT A45	310	50	400	TRI	Special	Cloth-X	Belts, Discs	1
-	TRIZACT A100	310	50	220	TRI	Special	Cloth-X	Belts, Discs	1

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

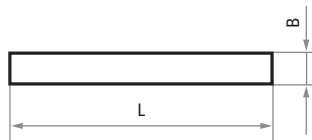
ACHIEVE CONSISTANT SURFACE FINISHING

WITH HERMES SURFACE CONDITIONING MATERIAL



Surface conditioning abrasive rolls for belt and disc conversion

- non-woven web, reinforced with cloth
- used for conversion of belts and discs
- very fine and consistant surface pattern
- universal application
- very fine and consistant surface pattern
- especially suitable for generating a satin-effect stainless steel surfaces
- for matting metallic surfaces, aluminium, copper and brass workpieces
- stiff backing



★☆☆

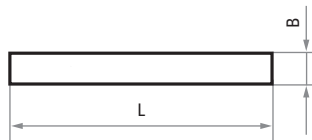
Product number	Description	B mm	L m	Grit	Abrasive	Coating	Backing	General conversion	Pack contains
-	SC Roll course	310	10	Course	ALO	Non Woven	Stiff	Belts, Discs	1
-	SC Roll medium	310	10	Medium	ALO	Non Woven	Stiff	Belts, Discs	1
-	SC Roll Fine	310	10	Fine	ALO	Non Woven	Stiff	Belts, Discs	1

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



Surface conditioning abrasive rolls for belt and disc conversion

- non-woven web, reinforced with cloth
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- very fine and consistant surface pattern
- universal application
- very fine and consistant surface pattern
- especially suitable for generating a satin-effect stainless steel surfaces
- for matting metallic surfaces, aluminium, copper and brass workpieces
- flexible backing



★★★

Product number	Description	B mm	L m	Grit	Abrasive	Coating	Backing	General conversion	Pack contains
6HA310500008057	AN 702 Roll course	310	10	Course	ALO	Non Woven	Flexible	Belts, Discs	1
6HA310500010057	AN 702 Roll medium	310	10	Medium	ALO	Non Woven	Flexible	Belts, Discs	1
6HA310500018057	AN 702 Roll fine	310	10	Fine	ALO	Non Woven	Flexible	Belts, Discs	1
6HA310500028057	AN 702 Roll v/fine	310	10	Very fine	ALO	Non Woven	Flexible	Belts, Discs	1

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

PORTABLE BELTS FROM LUKAS

BEST RESULTS TOGETHER WITH THE MATCHING POWER TOOL

Portable sander and pre converted belts



- aluminium Oxide grain
- overlap joints
- operating speed: 28 m/s

★★☆

Product number	Description	B mm	Length mm	Grit	Abrasive	Backing	Joint	Pack contains
6MB013457040027	13.457 RB320 X P40	13	457	40	A	Cloth-X	Butt	-
6MB013457060027	13.457 RB320 X P60	13	457	60	A	Cloth-X	Butt	-
6MB013457080027	13.457 RB320 X P80	13	457	80	A	Cloth-X	Butt	-
6MB013457100027	13.457 RB320 X P100	13	457	100	A	Cloth-X	Butt	-
6MB030533040027	30.533 RB320 X P40	30	533	40	A	Cloth-X	Butt	-
6MB030533060027	30.533 RB320 X P60	30	533	60	A	Cloth-X	Butt	-
6MB030533080027	30.533 RB320 X P80	30	533	80	A	Cloth-X	Butt	-
6MB030533100027	30.533 RB320 X P100	30	533	100	A	Cloth-X	Butt	-
6MB030533060127	30.533 RB315YX P60	30	533	60	SIC	Cloth-X	Butt	-
6MB030533080127	30.533 RB315YX P80	30	533	80	SIC	Cloth-X	Butt	-
6MB030533100127	30.533 RB315YX P100	30	533	100	SIC	Cloth-X	Butt	-
6MB030533120127	30.533 RB315YX P120	30	533	120	SIC	Cloth-X	Butt	-
6MB050200004027	50.2000 RB320 X P40	50	2000	40	A	Cloth-X	Butt	-
6MB050200006027	50.2000 RB320 X P60	50	2000	60	A	Cloth-X	Butt	-
6MB050200008027	50.2000 RB320 X P80	50	2000	80	A	Cloth-X	Butt	-
6MB050200010027	50.2000 RB320 X P100	50	2000	100	A	Cloth-X	Butt	-
6MB060400040027	60.400 RB320 X P40	60	400	40	A	Cloth-X	Butt	-
6MB060400060027	60.400 RB320 X P60	60	400	60	A	Cloth-X	Butt	-
6MB060400080027	60.400 RB320 X P80	60	400	80	A	Cloth-X	Butt	-
6MB060400100027	60.400 RB320 X P100	60	400	100	A	Cloth-X	Butt	-
6MB065410040027	65.410 RB320 X P40	65	410	40	A	Cloth-X	Butt	-
6MB065410060027	65.410 RB320 X P60	65	410	60	A	Cloth-X	Butt	-
6MB065410080027	65.410 RB320 X P80	95	410	80	A	Cloth-X	Butt	-
6MB065410100027	65.410 RB320 X P100	65	410	100	A	Cloth-X	Butt	-

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

Product number	Description	B mm	Length mm	Grit	Abrasive	Backing	Joint	Pack contains
6MB07545704068	75.457 RB320 X P40	75	457	40	A	Cloth-X	Butt	-
6MB07545706068	75.457 RB320 X P60	75	457	60	A	Cloth-X	Butt	-
6MB07545708068	75.457 RB320 X P80	75	457	80	A	Cloth-X	Butt	-
6MB07545710068	75.457 RB320 X P100	75	457	100	A	Cloth-X	Butt	-
6MB07545712068	75.457 RB320 X P120	75	457	120	A	Cloth-X	Butt	-
6MB075480040027	75.480 RB320 X P40	75	480	40	A	Cloth-X	Butt	-
6MB075480060027	75.480 RB320 X P60	75	480	60	A	Cloth-X	Butt	-
6MB075480080027	75.480 RB320 X P80	75	480	80	A	Cloth-X	Butt	-
6MB075480100027	75.480 RB320 X P100	75	480	100	A	Cloth-X	Butt	-
6MB075510040027	75.510 RB320 X P40	75	510	40	A	Cloth-X	Butt	-
6MB075510060027	75.510 RB320 X P60	75	510	60	A	Cloth-X	Butt	-
6MB075510080027	75.510 RB320 X P80	75	510	80	A	Cloth-X	Butt	-
6MB075510100027	75.510 RB320 X P100	75	510	100	A	Cloth-X	Butt	-
6MB075533060052	75.533 RB320 X P60	75	533	60	A	Cloth-X	Butt	-
6MB075533080052	75.533 RB320 X P80	75	533	80	A	Cloth-X	Butt	-
6MB075533120052	75.533 RB320 X P120	75	533	120	A	Cloth-X	Butt	-
6MB075533040027	75.533 RB320 X P40	75	533	40	A	Cloth-X	Over lap	10
6MB075533060027	75.533 RB320 X P60	75	533	60	A	Cloth-X	Over lap	10
6MB075533080027	75.533 RB320 X P80	75	533	80	A	Cloth-X	Over lap	10
6MB075533100027	75.533 RB320 X P100	75	533	100	A	Cloth-X	Over lap	10
6MB075610040027	75.610 RB320 X P40	75	610	40	A	Cloth-X	Butt	-
6MB075610060027	75.610 RB320 X P60	75	610	60	A	Cloth-X	Butt	-
6MB075610080027	75.610 RB320 X P80	75	610	80	A	Cloth-X	Butt	-
6MB075610100027	75.610 RB320 X P100	75	610	100	A	Cloth-X	Butt	-
6MB075610120027	75.610 RB320 X P120	75	610	120	A	Cloth-X	Butt	-
6MB100560040027	100.560 RB320 X P40	100	560	40	A	Cloth-X	Butt	-
6MB100560060027	100.560 RB320 X P60	100	560	60	A	Cloth-X	Butt	-
6MB100560080027	100.560 RB320 X P80	100	560	80	A	Cloth-X	Butt	-
6MB100560100027	100.560 RB320 X P100	100	560	100	A	Cloth-X	Butt	-
6MB100062004052	100.620 RB320 X P40	100	620	40	A	Cloth-X	Butt	-
6MB100620060057	100.620 RB320 X P60	100	620	60	A	Cloth-X	Butt	-
6MB100062008052	100.620 RB320 X P80	100	620	80	A	Cloth-X	Butt	-
6MB100062010052	100.620 RB320 X P100	100	620	100	A	Cloth-X	Butt	-
6MB100610040027	100.610 RB320 X P40	100	610	40	A	Cloth-X	Over lap	10
6MB100610060027	100.610 RB320 X P60	100	610	60	A	Cloth-X	Over lap	10
6MB100610080027	100.610 RB320 X P80	100	610	80	A	Cloth-X	Over lap	10
6MB100610100027	100.610 RB320 X P100	100	610	100	A	Cloth-X	Over lap	10
6MB100610120027	100.610 RB320 X P120	100	610	120	A	Cloth-X	Over lap	10
6MB100915040057	100.915 RB320 X P40	100	915	40	A	Cloth-X	Butt	-
6MB100915060057	100.915 RB320 X P60	100	915	60	A	Cloth-X	Butt	-
6MB100915080057	100.915 RB320 X P80	100	915	80	A	Cloth-X	Butt	-
6MB100915100057	100.915 RB320 X P100	100	915	100	A	Cloth-X	Butt	-
6MB110620040027	110.620 RB320 X P40	110	620	40	A	Cloth-X	Over lap	10
6MB110620060027	110.620 RB320 X P60	110	620	60	A	Cloth-X	Over lap	10
6MB110620080027	110.620 RB320 X P80	110	620	80	A	Cloth-X	Over lap	10
6MB110620100027	110.620 RB320 X P100	110	620	100	A	Cloth-X	Over lap	10
6MB150122004057	150.1220 RB320 X P40	150	1220	40	A	Cloth-X	Butt	-
6MB150122006057	150.1220 RB320 X P60	150	1220	60	A	Cloth-X	Butt	-
6MB150122008057	150.1220 RB320 X P80	150	1220	80	A	Cloth-X	Butt	-
6MB150122010057	150.1220 RB320 X P100	150	1220	100	A	Cloth-X	Butt	-

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



PREPACKED PORTABLE SANDING BELTS

ECONOMIC EFFICIENCY FOR THE DIY MARKET

GRINDING AND POLISHING
(with flexible tools)

Prepacked belts



- aluminium Oxide grain
- overlap joints
- Economically priced
- operating speed: 28 m/s

★☆☆

Product number	Description	B mm	Length mm	Grit	Abrasive	Backing	Joint	Pack contains
6MP075457040387	75.457 Prepack belts P40	75	457	40	A	Cloth	Overlap	3
6MP075457060387	75.457 Prepack belts P60	75	457	60	A	Cloth	Overlap	3
6MP075457080387	75.457 Prepack belts P80	75	457	80	A	Cloth	Overlap	3
6MP075457120387	75.457 Prepack belts P120	75	457	120	A	Cloth	Overlap	3
6MP075533040387	75.533 Prepack belts P40	75	533	40	A	Cloth	Overlap	3
6MP075533060387	75.533 Prepack belts P60	75	533	60	A	Cloth	Overlap	3
6MP075533080387	75.533 Prepack belts P80	75	533	80	A	Cloth	Overlap	3
6MP075533120387	75.533 Prepack belts P120	75	533	120	A	Cloth	Overlap	3
6MP100560040387	100.560 Prepack belts P40	100	560	40	A	Cloth	Overlap	3
6MP100560060387	100.560 Prepack belts P60	100	560	60	A	Cloth	Overlap	3
6MP100560080387	100.560 Prepack belts P80	100	560	80	A	Cloth	Overlap	3
6MP100560120387	100.560 Prepack belts P120	100	560	120	A	Cloth	Overlap	3
6MP100610040387	100.610 Prepack belts P40	100	610	40	A	Cloth	Overlap	3
6MP100610060387	100.610 Prepack belts P60	100	610	60	A	Cloth	Overlap	3
6MP100610080387	100.610 Prepack belts P80	100	610	80	A	Cloth	Overlap	3
6MP100610120387	100.610 Prepack belts P120	100	610	120	A	Cloth	Overlap	3

Recommended for: ● Plastic/ Wood

SURFACE FINISHING MADE EASY

ACHIEVE REQUIRED FINISHES WITH THE SURFACE FINISHING CUSHION



GRINDING AND POLISHING
(with flexible tools)



Surface finishing cushion belts

- available in various materials to suite application
- applications from grinding to final blending and finishing
- for use on metal, fiberglass, solid surface, wood and more



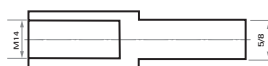
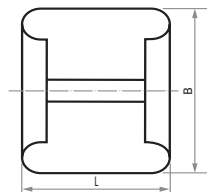
★★☆

Product number	Description	B mm	Length mm	Grit	Abrasive	Backing	Joint	Pack contains
6MB090400080552	90.400 RB480 24YX ZK80	90	400	80	ZK	Cloth-X	Butt	5
6MB090400120552	90.400 RB480 24YX ZK120	90	400	120	ZK	Cloth-X	Butt	5
6MB090040062057	90.400 AN 702 FINE	90	400	Fine	A	Flexible	Butt	3
6MB090040060057	90.400 AN 702 MED	90	400	Med	A	Flexible	Butt	3
6MB090040061057	90.400 AN 702 COARSE	90	400	Coarse	A	Flexible	Butt	3

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

Surface finishing cushion and Arbor

- inflatable wheel adapts to contour of work
- mounted to variable speed polisher with adaptor
- light weight design
- Extremely durable
- operating speed: 28 m/s



★★☆

Product number	Description	B mm	Diameter mm	Max RPM	Optimal RPM	Circumference mm	Pack contains
1DC94472001	90.400 Rubber Arbor	90	127	3,500	1,800-3,400	400	1
1DC058014001	Adaptor 5/8" Male to M14 Female	-	-	-	-	-	1

FLEXIBLE REWORKING

LUKAS ECONOMY ROLLS WITH REGULAR ALUMINIUM OXIDE FOR EVERY CONTOUR

GRINDING AND POLISHING
(with flexible tools)

Economy roll, abrasive material



★★☆

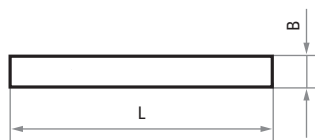
- for practical manual reworking
- LUKAS economy rolls with their excellent grinding properties help you to optimise manual grinding tasks.

Product number	Description	Width B mm	Length L m	Grit	Abrasive	Backing	Pack contains
6HH050401801027	SPR 040.50 P180 Econo roll	40	50	NK 180	A	Cloth	1
6HH050402401027	SPR 040.50 P240 Econo roll	40	50	NK 240	A	Cloth	1
6HH050404001027	SPR 040.50 P400 Econo roll	40	50	NK 400	A	Cloth	1

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



Economy roll, abrasive material



- for practical manual reworking
- LUKAS economy rolls with their excellent grinding properties help you to optimise manual grinding tasks.



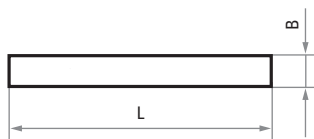
Product number	Description	Width B mm	Length L m	Grit	Abrasive	Backing	Pack con- tains
6HH050250402097	25.50 Econo roll P40	25	50	40	A	Cloth	1
6HH050250602097	25.50 Econo roll P60	25	50	60	A	Cloth	1
6HH050250802097	25.50 Econo roll P80	25	50	80	A	Cloth	1
6HH050251002097	25.50 Econo roll P100	25	50	100	A	Cloth	1
6HH050251202097	25.50 Econo roll P120	25	50	120	A	Cloth	1
6HH050251502097	25.50 Econo roll P150	25	50	150	A	Cloth	1
6HH050251802097	25.50 Econo roll P180	25	50	180	A	Cloth	1
6HH050252202097	25.50 Econo roll P220	25	50	220	A	Cloth	1
6HH050252402097	25.50 Econo roll P240	25	50	240	A	Cloth	1
6HH050253202097	25.50 Econo roll P320	25	50	320	A	Cloth	1
6HH050254002097	25.50 Econo roll P400	25	50	400	A	Cloth	1
6HH050500402097	50.50 Econo roll P40	50	50	40	A	Cloth	1
6HH050500602097	50.50 Econo roll P60	50	50	60	A	Cloth	1
6HH050500802097	50.50 Econo roll P80	50	50	80	A	Cloth	1
6HH050501002097	50.50 Econo roll P100	50	50	100	A	Cloth	1
6HH050501202097	50.50 Econo roll P120	50	50	120	A	Cloth	1
6HH050501502097	50.50 Econo roll P150	50	50	150	A	Cloth	1
6HH050501802097	50.50 Econo roll P180	50	50	180	A	Cloth	1
6HH050502202097	50.50 Econo roll P220	50	50	220	A	Cloth	1
6HH050502402097	50.50 Econo roll P240	50	50	240	A	Cloth	1
6HH050503202097	50.50 Econo roll P320	50	50	320	A	Cloth	1
6HH050504002097	50.50 Econo roll P400	50	50	400	A	Cloth	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium							

LUKAS PAPER BACKED SANDING ROLLS

EASY TO HANDLE FOR HAND SANDING APPLICATIONS

GRINDING AND POLISHING
(with flexible tools)

Sanding rolls



- designed for manual application
- economical
- limited clogging
- flexible

★☆☆

Product number	Description	Width B mm	Length L m	Grit	Abrasive type	Colour	Coating	Backing	Pack contains
6HA070500361099	70.50 Brown paper roll P36	70	50	36	ALO	Brown	Open	Paper	1
6HA070500401099	70.50 Brown paper roll P40	70	50	40	ALO	Brown	Open	Paper	1
6HA070500362057	70.50 Green eco roll P36	70	50	36	ALO	Green	Semi open	Paper	1
6HA070500602057	70.50 Green eco roll P60	70	50	60	ALO	Green	Semi open	Paper	1
6HA070500802057	70.50 Green eco roll P80	70	50	80	ALO	Green	Semi open	Paper	1
6HA070501202057	70.50 Green eco roll P120	70	50	120	ALO	Green	Semi open	Paper	1
6HA115500603099	115.50 Brown paper roll P60	115	50	60	ALO	Brown	Semi open	Paper	1
6HA115500803099	115.50 Brown paper roll P80	115	50	80	ALO	Brown	Semi open	Paper	1
6HA115501003099	115.50 Brown paper roll P100	115	50	100	ALO	Brown	Semi open	Paper	1
6HA115501203099	115.50 Brown paper roll P120	115	50	120	ALO	Brown	Semi open	Paper	1
6HC3005004034	300.50 Floor paper roll P40	300	50	40	SIC	Black	Semi open	Paper	1
6HC3005006034	300.50 Floor paper roll P60	300	50	60	SIC	Black	Semi open	Paper	1
6HC3005008034	300.50 Floor paper roll P80	300	50	80	SIC	Black	Semi open	Paper	1
6HC3005010034	300.50 Floor paper roll P100	300	50	100	SIC	Black	Semi open	Paper	1

Recommended for:



Steel



Aluminium



Cast material



Plastic /Wood

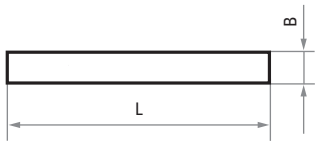


Titanium



Hand sanding rolls

- remove old paint from wood
- flattening of cracker filler
- removing rust from metal
- cleaning of residue from cement and concrete



★☆☆

Product number	Description	Width B mm	Length L m	Grit	Abrasive	Backing	Pack contains
6HC3000104034	300mmx1m Floor paper strip P40	300	1.0	40	SIC	Paper	1
6HC3000106034	300mmx1m Floor paper strip P60	300	1.0	60	SIC	Paper	1
6HC3000108034	300mmx1m Floor paper strip P80	300	1.0	80	SIC	Paper	1
6HC3000110034	300mmx1m Floor paper strip P100	300	1.0	100	SIC	Paper	1

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

FROM MEDIUM TO ULTRA-FINE

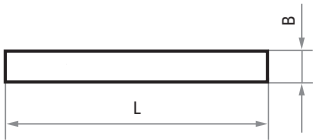
ACHIEVE THE DESIRED SURFACE QUALITY QUICKLY AND EASILY

GRINDING AND POLISHING
(with flexible tools)

Non-Woven fleece rolls



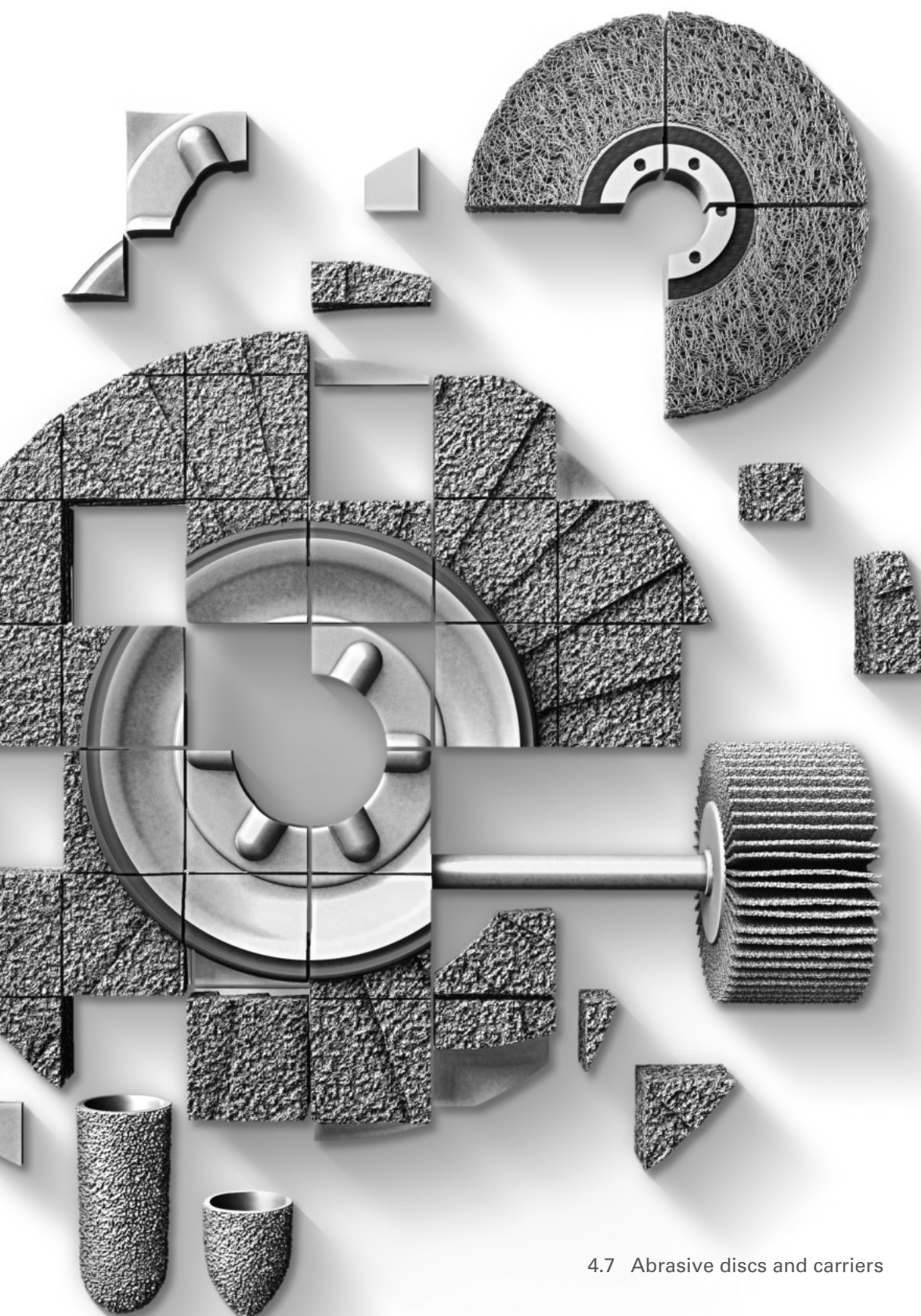
☆☆☆



- for practical manual reworking
- LUKAS fleece rolls are ideal for removing corrosion and surface staining and for cleaning, polishing and finishing all kinds of materials.

Product number	Description	Width B mm	Length L m	Grit	Abrasive	Pack contains
7FR15010001008	Fine Green roll	150	10	Fine	SIC	1
7FR15010002008	Medium roll maroon	150	10	Medium	A	1
7FR15010003008	Fine roll maroon	150	10	Fine	A	1
7FR15010004008	Very fine roll maroon	150	10	Very fine	A	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic /Wood ● Titanium						

GRINDING AND POLISHING



4.7 Abrasive discs and carriers

1-16

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive discs and carriers

GENERAL

Lukas Abrasive South Africa has partnered with Hermes Schleifmittel GmbH to be the sole distributor in Southern Africa of the Hermes brand coated abrasives.

Our Abrasive discs and holders are available in many different qualities and dimensions. Applications range from high chip removal through to achieving an extremely fine surface finish.

SAFETY ADVICE

Please note our recommended operating speeds. Pay attention to the safety and accident prevention regulations, including the FEPA safety recommendations, when using and storing flexible grinding and polishing tools. The tools are marked with the appropriate pictograms for correct usage.

HANDLING AND STORAGE ADVICE

Coated abrasives should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18-22 °C and 45%-65% Relative Humidity. Coated abrasives should not be exposed to direct sunlight.



for an excellent finish

Hermes Schleifmittel is a multi-national company with a long series of tradition and innovation, the Hermes brand of abrasives is a market leader in the coated abrasives sector. Manufacturing sanding products that includes heavy duty belts, sanding discs, rolls and accessories.

Quality: "Outstanding".

Hermes is the first European abrasives manufacturer to be awarded certification to DIN EN ISO 9001, including its research and development work, as long ago as 1993. A group certificate was added to this award in 1996.

In 2002, the quality management was expanded to include the environmental management (incorporating occupational health and safety) to form an integrated management system which is applicable all over the world.

Controlled quality has top priority in the company, meaning that Hermes can satisfy customer requirements in every respect..



APPLICATION RECOMMENDATIONS

At high speed coarse grain produces a finer finish, while at low speed a fine grain produces a coarser finish.

Do not apply too much pressure when using LUKAS grinding tools: excessive pressure does not improve the performance, and will instead result in premature wear. Even if the chip removal is unsatisfactory, you do not apply more pressure. Use a coarser grain instead to prevent unnecessary tool wear and effort. Using grinding additives can also improve efficiency.

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive discs made of abrasive cloth and abrasive fleece

PSG SELF-CLAMPING ABRASIVE DISCS

LUKAS abrasive discs – PSG – are self-clamping. The back of the abrasive discs is fitted with a “quick lock” made of metal or plastic (PSG). The abrasive disc is attached to the corresponding carrier with a small twist. In this tool category, the PSG abrasive discs represents our most extensive range. Numerous diameters, many different grit sizes, and above all abrasive qualities for every application, help you to solve your grinding problem.

Application examples:

- Smoothing
- Derusting
- Fettling
- Deburring
- Surface grinding
- Texturing
- Beveling

SELF-FIXING FLEECE ABRASIVE DISCS

These tools comprise of a single layered fleece discs with a velcro type backing for easy mounting to any velcro backing discs; they are available in regular aluminium oxide (A) fleece in different qualities, the PSH discs are mainly used on variable speed power angle grinder polishing power tools. Ideally suited for use on flat surface preparation applications.

Application examples:

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

VELCRO ABRASIVE DISCS

The velcro abrasive discs are available in various performance qualities and application based qualities to ensure that these discs meet the requirements and expectations of our customers. Both stearated and non stearated coated discs are available. The backing of the abrasive discs is fitted with a velcro backing pad for easy mounting to any velcro backing discs.

Application examples:

- Cleaning
- Derusting
- Smoothing
- Prepaint surface prep

NON SELF- FIXING ABRASIVE DISCS

These discs are generally manufactured to customer specific requirements, ranging in diameters from 100 - 920 mm diameter, to find a specific type of abrasive material to meet your application requirements, you can find the types of available abrasive materials in **Section 4.5 Abrasives rolls and Belts** LUKAS ABRASIVES stock a limited range of standard diameters and grit sizes, list available on **Page 16**.

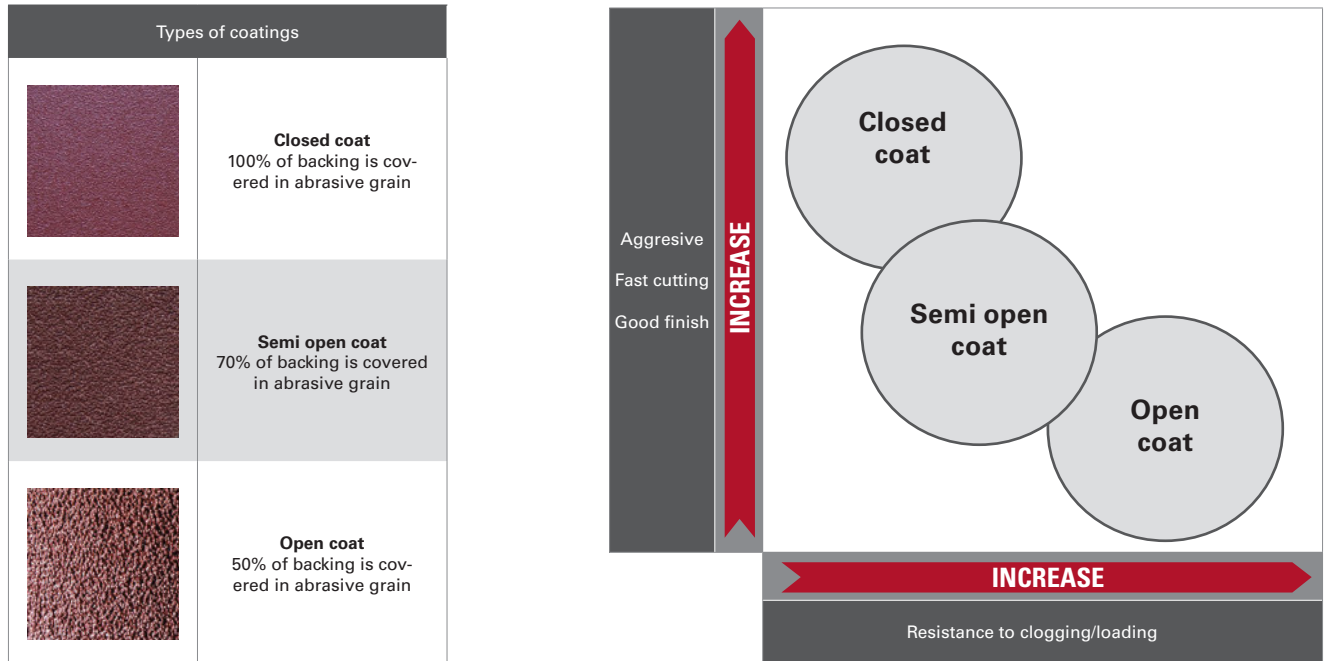
Quality	Abrasive particles	Grit	Surface
A104	Regular aluminium oxide	NK 100	medium
A106	Regular aluminium oxide	NK 180	fine
A107	Regular aluminium oxide	NK 280	very fine
C204	Silicon carbide	SIC 100	medium
C206	Silicon carbide	SIC 180	fine
C207	Silicon carbide	SIC 280	very fine
C208	Silicon carbide	SIC 400	ultra-fine
Z304	Zirconia alumina	ZK 100	medium
Z306	Zirconia alumina	ZK 180	fine
Z307	Zirconia alumina	ZK 280	very fine

TECHNICAL INFORMATION

The most important product information at a glance

ABRASIVE COATING

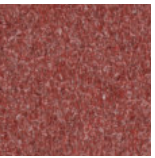
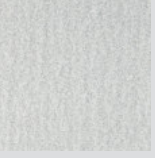
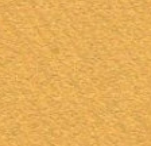
LUKAS ABRASIVES coated abrasives are supplied in either open, semi open or closed coatings to suit various applications



ANTI-CLOGGING STEARATE

The stearated coating is a dry lubricant which is released during use. Stearated coated abrasives are particularly useful in sanding painted or varnished surfaces which tend to clog/load

during the sanding process, the stearate coating prevents or reduces the clogging/loading and increases the useful life of the sandpaper

Quality		Properties	Application areas/ machining	available as	Page
	No stearated coating	Poor anti-clogging properties	Sanding of hard non clogging surfaces such as steel	PSG discs VC 153 velcro discs Non-self fixing discs	6-7 12 16
	Silver stearated coating	Excellent anti-clog properties	Sanding of lacquered surfaces, fibre-reinforced plastics, softwood	VC 151 velcro discs VC 154 velcro discs Stearate velcro discs	11 13 15
	Gold stearated coating	Good anti-clog properties	Sanding of lacquered surfaces, fibre-reinforced plastics, softwood	Gold velcro discs	14






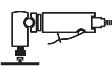
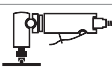
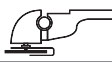







TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here.

Quality recommendations apply for ideal operating conditions.

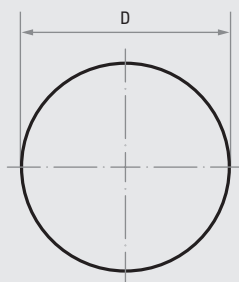
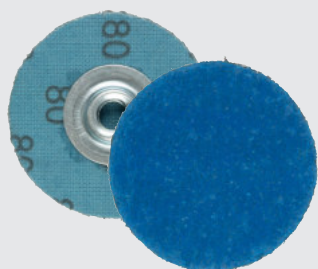
 suitable

Type	Page	Reference/ Description	Product line	Quality	Materials												
																	
					Inox/Stain- less steel	General purpose Steel	Tool steels	Alumini- um, magne- sium and copper	Con- struction materials/ Plaster/ plaster-	Titanium and nickel alloys	Glass/ Stone	Wood	Plastics	Composit materials	Lacquer/ Varnish	Filler	
	6	PSG Self-clamping ZK abrasive discs	★★☆														
	7	PSG Self-clamping ALO abrasive discs	★★☆														
	8	PSG Self-clamping fleece abrasive	★★☆														
	9	PSH self-fixing fleece abrasive disc	★★☆														
	10	AN 702 self-fixing fleece abrasive disc	★★☆														
	11	VC151LL self-fixing velcro abrasive disc	★★☆														
	12	VC153 self-fixing velcro abrasive	★★☆														
	13	VC154 self-fixing velcro abrasive	★★☆														
	13	HC134 self-fixing velcro abrasive	★★☆														
	14	Gold self-fixing vel- cro abrasive disc	★☆☆														
	15	Stearate self-fixing velcro abrasive	★☆☆														
	16	Non self fixing abrasive discs	★★☆														

CAN ALSO HANDLE EDGES

THANKS TO THE REINFORCED BACKING MATERIAL
ALSO SUITABLE FOR THE TOUGHEST APPLICATIONS

PSG self-clamping zirconia alumina abrasive disc



- made from abrasive cloth with zirconia alumina
- ideal for Hastelloy, Inconel, stainless steel and metals that are difficult to machine
- fitted with a "quick lock" – fastened to the respective carrier by a small twist

★★☆

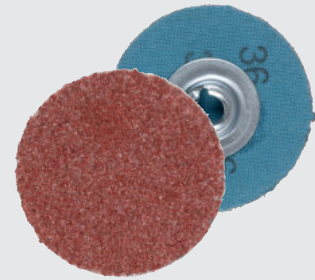
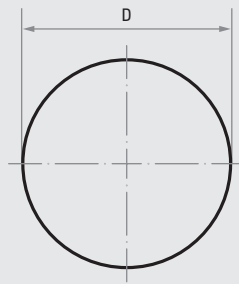
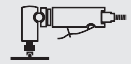
Product number	Description	D mm	Grit	Abrasive	n _{max} rpm	Matching abrasive disc	Pack contains
6SD0500365024	PSG 50 ZK36	51	36	ZK	25,000	GTG 050	50
6SD0500605024	PSG 50 ZK60	51	60	ZK	25,000	GTG 050	50
6SD0500805024	PSG 50 ZK80	51	80	ZK	25,000	GTG 050	50

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

FOR UNIVERSAL USE

SELF-CLAMPING ABRASIVE DISCS FROM LUKAS WITH REGULAR ALUMINIUM OXIDE

PSG self-clamping regular aluminium oxide abrasive disc

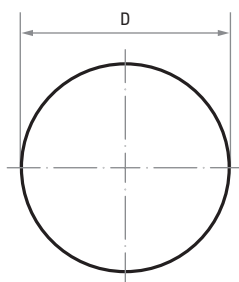
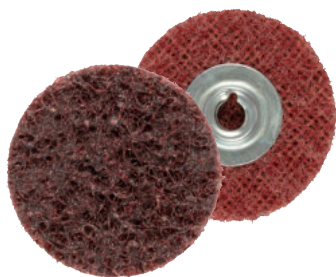
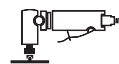


- for universal grinding and deburring work
- fitted with a "quick lock" – fastened to the respective carrier by a small twist

★★☆

Product number	Description	D mm	Grit	Abrasive	n_{max} rpm	Matching abrasive disc	Pack contains
6SD0500360024	PSG 50 P36 ALO	51	36	ALO	25,000	GTG 050	50
6SD0500600024	PSG 50 P60 ALO	51	60	ALO	25,000	GTG 050	50
6SD0500800024	PSG 50 P80 ALO	51	80	ALO	25,000	GTG 050	50
6SD0501200024	PSG 50 P120 ALO	51	20	ALO	25,000	GTG 050	50
Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium							

PSG self-clamping abrasive disc, abrasive fleece



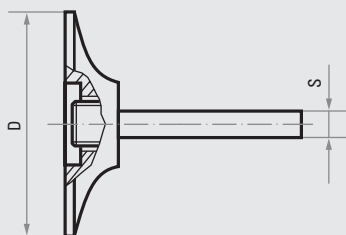
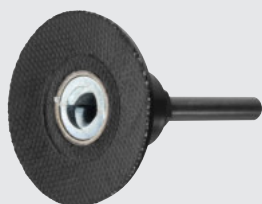
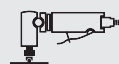
★★☆

- ideal for removing rust or paint, scratches and pre-grinding marks
- Improvement of surface quality
- fitted with a "quick lock" – fastened to the respective carrier by a small twist

Product number	Description	D mm	Quality/grit size	n _{max} rpm	Matching abrasive disc carrier	Pack contains
6SD0500902024	PSG 50 Fleece Med	50	medium	7,500	GTG 050	50
6SD0500901024	PSG 50 Fleece Crs	50	coarse	7,500	GTG 050	50

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

GTG abrasive disc carrier for self-clamping abrasive discs



★★☆

The carriers are supplied in a universally-used medium hardness. This medium type is suitable for almost every application. Please use the hard type for the toughest machining jobs (Z-Power and Ceramic).

Product number	Description	Type	D mm	S mm	n _{max} rpm	Pack contains
6SH050060024	GTG 50.06 Screw holder	hard	45	6	25,000	50

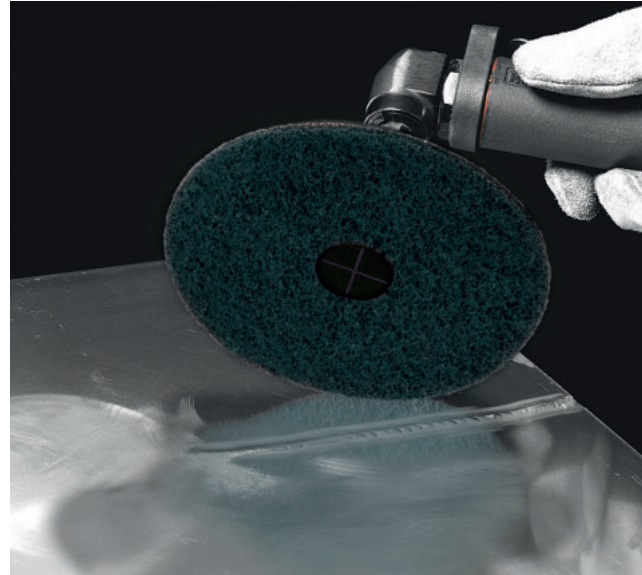
SELF-FIXING ABRASIVE FLEECE DISCS

ATTACHMENT MADE EASY THANKS TO THE FIXING SYSTEM

LUKAS PSH abrasive discs made of abrasive fleece are suitable for machining both flat and concave surfaces. Whether for removing rust or paint, scratches or pre-grinding marks, the polyamide material allows these discs to adapt themselves perfectly to uneven surfaces. You need less effort and time for your work, and yet still achieve perfect surface results. The fibre structure of the discs also produces a polishing effect and enables consistent results due to the constant exposure of new abrasive particles.

SECURE AND FAST

In addition, time-consuming tool changes are also a thing of the past because these abrasive discs are self-fixing. The respective disc carrier uses a Velcro backing quick change system, which keeps the tool firmly in position. This eliminates needless waste of packaging material unlike other self-adhesive discs, for example. Abrasive discs that have not been completely worn down during machining can be removed and reused another time.

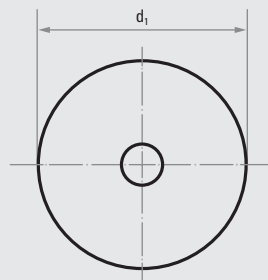


GRINDING AND POLISHING
(with flexible tools)



PSH self-fixing abrasive disc, abrasive fleece

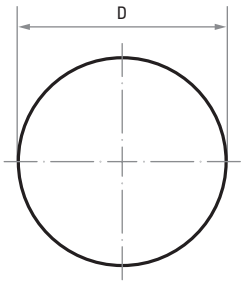
- suitable for machining both flat and concave surfaces
- adapts itself to uneven surfaces
- self-fixing to the respective carrier for a quick tool change



Product number	Description	Quality	D mm	n _{recom} rpm	n _{max} rpm	Pack contains
7FD1150102024	PSH 115 Coarse	Fleece coarse	115	4,100	8,300	10
7FD1150104024	PSH 115 Medium	Fleece medium	115	4,100	8,300	10
7FD1150107024	PSH 115 V/Fine	Fleece very fine	115	4,100	8,300	10

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

AN702 self-fixing abrasive disc, abrasive fleece



★★☆

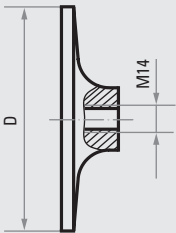
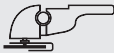
- compact, intensive-grinding non-woven web
- very fine and consistent surface pattern
- suitable for generating a satin-effect stainless steel surfaces

Product number	Description	Quality	D mm	n _{recom} rpm	n _{max} rpm	Pack contains
7FD1150303067	AN 702 disc 115 coarse	Fleece coarse	115	830	1,800	10
7FD1150304067	AN 702 disc 115 Medium	Fleece medium	115	830	1,800	10
7FD1150306067	AN 702 disc 115 Fine	Fleece fine	115	830	1,800	10
7FD1150305067	AN 702 disc 115 V/Fine	Fleece Very fine	115	830	1,800	10
7FD1500303067	AN 702 disc 150 Coarse	Fleece coarse	150	600	1,400	10
7FD1500304067	AN 702 disc 150 Medium	Fleece medium	150	600	1,400	10
7FD1500305067	AN 702 disc 150 Fine	Fleece fine	150	600	1,400	10

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

GRINDING AND POLISHING
(with flexible tools)

GTH abrasive disc carrier for abrasive fleece



★★☆

Product number	Description	D mm	Thread	n _{max} rpm	Pack contains
6DB11514100324	GTH 115 M14 Velcro backing pad	115	M14	8,300	1

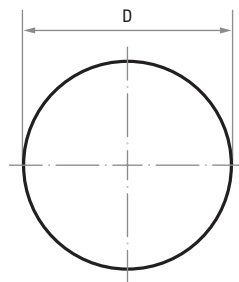


HERMES VC153 FOR WOOD AND STEEL

ABRASIVE VELCRO DISCS FROM HERMES WITH REGULAR ALUMINIUM OXIDE



VC151 Long life self-fixing velcro abrasive discs



- low clogging
- flexible, strong paper guarantees very good adaptability when grinding contours and curved surfaces
- with velcro material for fast tool changes

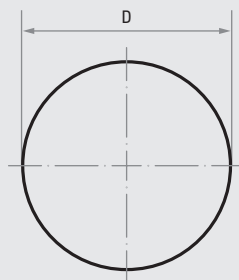
★★☆

Product number	Description	D mm	Configuration	Grit	Type	Coating	Steartated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZD125100805027	VC 151 LL 125 A80 no hole	125	No Hole	80	ALO	Semi open	Silver	4,600	7,650	50
6ZD125101205027	VC 151 LL 125 A120 no hole	125	No Hole	120	ALO	Semi open	Silver	4,600	7,650	50
6ZD125101505027	VC 151 LL 125 A150 no hole	125	No Hole	150	ALO	Semi open	Silver	4,600	7,650	50
6ZD125102205027	VC 151 LL 125 A220 no hole	125	No Hole	220	ALO	Semi open	Silver	4,600	7,650	50
6ZD150100805067	VC 151 LL 150 A80 no hole	150	No Hole	80	ALO	Semi open	Silver	3,800	6,350	50
6ZD150100807027	VC 151 LL 150 A80 multi hole	150	Multi hole	80	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101005067	VC 151 LL 150 A100 no hole	150	No Hole	100	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101207027	VC 151 LL 150 A120 multi hole	150	Multi Hole	120	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101505067	VC 151 LL 150 A150 no hole	150	No hole	150	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101505667	VC 151 LL 150 A150 6 hole	150	6 Hole	150	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101805067	VC 151 LL 150 A180 no hole	150	No Hole	180	ALO	Semi open	Silver	3,800	6,350	50
6ZD150101805667	VC 151 LL 150 A180 6 hole	150	6 Hole	180	ALO	Semi open	Silver	3,800	6,350	50
6ZD150102205067	VC 151 LL 150 A220 no hole	150	No hole	220	ALO	Semi open	Silver	3,800	6,350	50
6ZD150102405067	VC 151 LL 150 A240 no hole	150	No Hole	240	ALO	Semi open	Silver	3,800	6,350	50
6ZD150103205067	VC 151 LL 150 A320 no hole	150	No Hole	320	ALO	Semi open	Silver	3,800	6,350	50
6ZD150103205667	VC 151 LL 150 A320 6 hole	150	6 Hole	320	ALO	Semi open	Silver	3,800	6,350	50
6ZD150104005067	VC 151 LL 150 A400 no hole	150	No Hole	400	ALO	Semi open	Silver	3,800	6,350	50
6ZD150104005667	VC 151 LL 150 A400 6 hole	150	6 Hole	400	ALO	Semi open	Silver	3,800	6,350	50
6ZD150105005067	VC 151 LL 150 A500 no hole	150	No Hole	500	ALO	Semi open	Silver	3,800	6,350	50

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



VC153 self-fixing velcro abrasive discs



★★☆

- sanding possible with little pressure
- strong paper backing with good edge stability
- with velcro material for fast tool changes

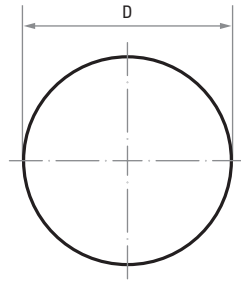
Product number	Description	D mm	Grit	Configuration	Type	Coating	Startated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZD125100401027	VC 153 125 A40 no hole	125	40	No Hole	ALO	Closed	-	4,600	7,650	50
6ZD125100402027	VC 153 125 A40 8 hole	125	40	8 Hole	ALO	Closed	-	4,600	7,650	50
6ZD125100601027	VC 153 125 A60 no hole	125	60	No Hole	ALO	Closed	-	4,600	7,650	50
6ZD125100602027	VC 153 125 A60 8 hole	125	60	8 Hole	ALO	Closed	-	4,600	7,650	50
6ZD125100801027	VC 153 125 A80 no hole	125	80	No Hole	ALO	Closed	-	4,600	7,650	50
6ZD125100802027	VC 153 125 A80 8 hole	125	80	8 Hole	ALO	Closed	-	4,600	7,650	50
6ZD125101001027	VC 153 125 A100 no hole	125	100	No Hole	ALO	Closed	-	4,600	7,650	50
6ZD125101002027	VC 153 125 A100 8 hole	125	100	8 Hole	ALO	Closed	-	4,600	7,650	50
6ZD125101501027	VC 153 125 A150 no hole	125	150	No hole	ALO	Closed	-	4,600	7,650	50
6ZD150100401027	VC 153 150 A40 no hole	150	40	No hole	ALO	Closed	-	3,800	6,350	50
6ZD150100406027	VC 153 150 A40 6 hole	150	40	6 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100402027	VC 153 150 A40 8 hole	150	40	8 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100601027	VC 153 150 A60 no hole	150	60	No Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100606027	VC 153 150 A60 6 hole	150	60	6 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100602027	VC 153 150 A60 8 hole	150	60	8 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100801027	VC 153 150 A80 no hole	150	80	No Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100806027	VC 153 150 A80 6 hole	150	80	6 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150100802027	VC 153 150 A80 8 hole + 1	150	80	8 Hole + 1	ALO	Closed	-	3,800	6,350	50
6ZD150101001027	VC 153 150 A100 no hole	150	100	No Hole	ALO	Closed	-	3,800	6,350	50
6ZD150101006027	VC 153 150 A100 6 hole	150	100	6 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150101002027	VC 153 150 A100 8 hole	150	100	8 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150101201027	VC 153 150 A120 no hole	150	120	No Hole	ALO	Closed	-	3,800	6,350	50
6ZD150101202027	VC 153 150 A120 8 hole	150	120	8 Hole	ALO	Closed	-	3,800	6,350	50
6ZD150101501027	VC 153 150 A150 no hole	150	150	No Hole	ALO	Closed	-	3,800	6,350	50
6ZD150102201027	VC 153 150 A220 no hole	150	220	No Hole	ALO	Closed	-	3,800	6,350	50

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



VC154 Long life self-fixing velcro abrasive discs

- flexible, wear-resistant Latex paper backing assures very good adaptations to contours
- consistent stock removal rates and consistent roughness values during the whole grinding process
- with Velcro material for fast tool changes



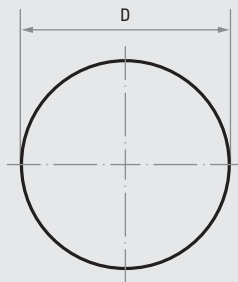
★★☆

Product number	Description	D mm	Grit	Configuration	Type	Coating	Stearated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZD125108004027	VC 154 LL 125 A800 no hole	125	800	No Hole	ALO	Open	Silver	4,600	7,650	50
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium										



HC 135 self-fixing velcro abrasive discs

- C weight discs designed for both wood-working and metalworking
- flexibility and durability necessary for consistent surface finishes
- fast stock removal and final finishing of wood, metal and glass fibre

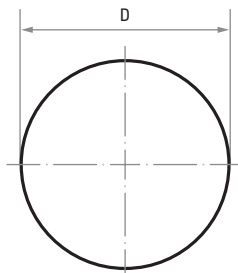
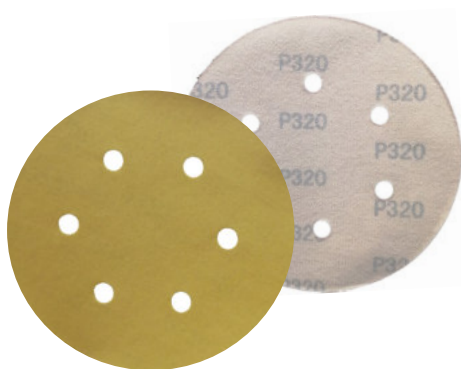


★★☆

Product number	Description	D mm	Grit	Configuration	Type	Coating	Stearated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZD125050005067	HC 135 125 P500 no hole	125	500	No Hole	ALO	Closed	Gold	4,600	7,650	50
6ZD125060005067	HC 135 125 P600 no hole	125	600	No Hole	ALO	Closed	Gold	4,600	7,650	50
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material										



Gold self-fixing velcro abrasive discs



- general purpose disc with anti clogging properties
- with velcro material for fast tool changes

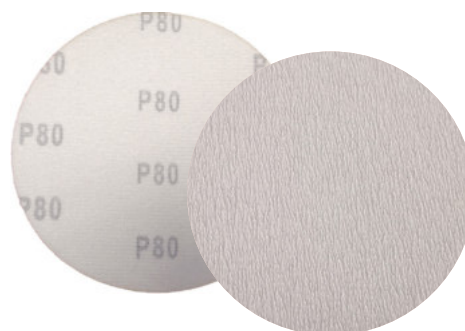
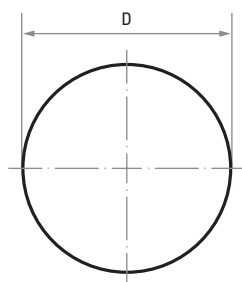
★☆☆

Product number	Description	D mm	Grit	Configuration	Type	Coating	Stearated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZD150100601197	Gold 150 P60 no hole	150	60	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150100801197	Gold 150 P80 no hole	150	80	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150100806697	Gold 150 P80 6 hole	150	80	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101001197	Gold 150 P100 no hole	150	100	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101006697	Gold 150 P100 6 hole	150	100	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101201197	Gold 150 P120 no hole	150	120	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101206697	Gold 150 P120 6 hole	150	120	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101501197	Gold 150 P150 no hole	150	150	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101506697	Gold 150 P150 6 hole	150	150	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101801197	Gold 150 P180 no hole	150	180	No hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150101806697	Gold 150 P180 6 hole	150	180	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150102201197	Gold 150 P220 no hole	150	220	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150102206697	Gold 150 P220 6 hole	150	220	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150102401197	Gold 150 P240 no hole	150	240	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150102406697	Gold 150 P240 6 hole	150	240	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150103201197	Gold 150 P320 no hole	150	320	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150103206697	Gold 150 P320 6 hole	150	320	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150104001197	Gold 150 P400 no hole	150	400	No Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150104006697	Gold 150 P400 6 hole	150	400	6 Hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150106001197	Gold 150 P600 no hole	150	600	No hole	ALO	Semi	Gold	3,800	6,350	50
6ZD150106006697	Gold 150 P600 6 hole	150	600	6 hole	ALO	Semi	Gold	3,800	6,350	50

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



Stearate self-fixing velcro abrasive discs



- economically priced
- does not clog even with soft or smearing materials
- with Velcro material for fast tool changes

★☆☆

Product number	Description	D mm	Grit	Configuration	Type	Coating	Stearated	n _{recom} rpm	n _{max} rpm	Pack contains
6ZC125100602097	Stearate 125 P60 no hole	125	60	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125100802097	Stearate 125 P80 no hole	125	80	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125101002097	Stearate 125 P100 no hol	125	100	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125101202097	Stearate 125 P120 no hole	125	120	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125101502097	Stearate 125 P150 no hole	125	150	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125102202097	Stearate 125 P220 no hole	125	220	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125103202097	Stearate 125 P320 no hole	125	320	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC125104002097	Stearate 125 P400 no hole	125	400	No Hole	SIC	Semi	Silver	4,600	7,650	50
6ZC150100602097	Stearate 150 P60 no hole	150	60	No Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150100802097	Stearate 150 P80 no hole	150	80	No hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150100806097	Stearate 150 P80 6 hole	150	80	6 Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150101002097	Stearate 150 P100 no hole	150	100	No Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150101202097	Stearate 150 P120 no hole	150	120	No hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150101502097	Stearate 150 P150 no hole	150	150	No Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150101802097	Stearate 150 P180 no hole	150	180	No hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150102202097	Stearate 150 P220 no hole	150	220	No Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150102206097	Stearate 150 P220 6 hole	150	220	6 Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150103202097	Stearate 150 P320 no hole	150	320	No Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150103206097	Stearate 150 P320 6 hole	150	320	6 Hole	SIC	Semi	Silver	3,800	6,350	50
6ZC150104002097	Stearate 150 P400 no hole	150	400	No hole	SIC	Semi	Silver	3,800	6,350	50

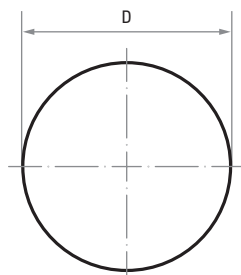
Recommended for: Inox/Steel Steel Aluminium Cast material Plastic/Wood



HERMES ABRASIVE DISCS

MAXIMIZED PERFORMANCE WITH EXCEPTIONAL EFFICIENCY

Non self-fixing abrasive discs



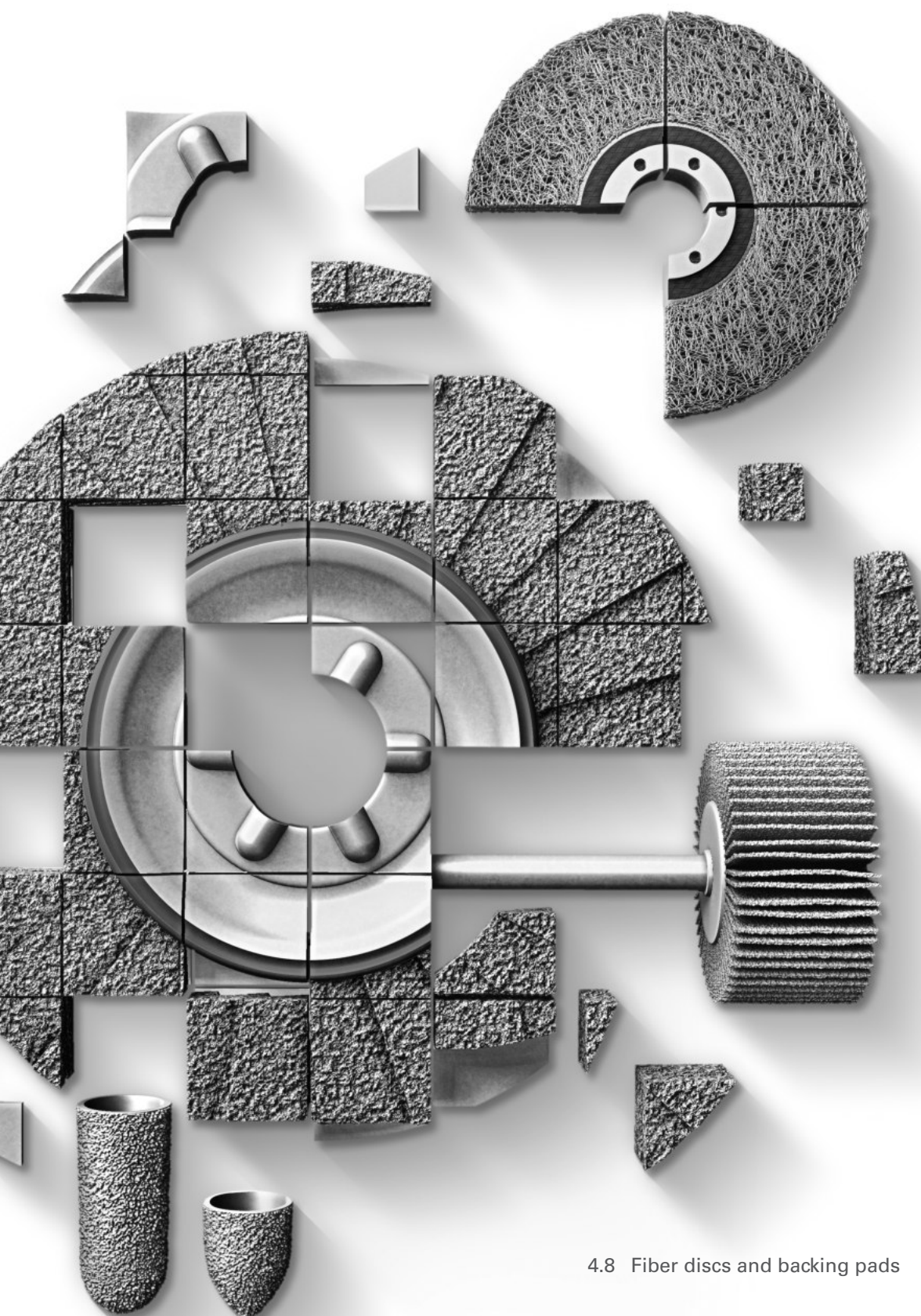
★★☆

- various diameter discs manufactured to customer specific requirements
- diameters available between 100 - 920 mm

Product number	Description	D mm	Grit	Abrasive	Backing	Pack contains
6DD230000402052	230 P40 RB320 X	230	40	A	Cloth-X	1
6DD230000602057	230 P60 RB320 X	230	60	A	Cloth-X	1
6DD230000802057	230 P80 RB320 X	230	80	A	Cloth-X	1
6DD230001002057	230 P100 RB320 X	230	100	A	Cloth-X	1
6DD230001203057	230 P120 RB320 X	230	120	A	Cloth-X	1
6DD300000402027	300 P40 RB320 X	300	40	A	Cloth-X	1
6DD300000602027	300 P60 RB320 X	300	60	A	Cloth-X	1
6DD300000802027	300 P80 RB320 X	300	80	A	Cloth-X	1
6DD300001002027	300 P100 RB320 X	300	100	A	Cloth-X	1
6DD300001202057	300 P120 RB320 X	300	120	A	Cloth-X	1

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

GRINDING AND POLISHING



4.8 Fiber discs and backing pads

1–11

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Fibre discs and backing pads

GENERAL

Lukas Abrasive South Africa has partnered with Hermes Schleifmittel GmbH to be the sole distributor in Southern Africa of the Hermes brand coated abrasives.

Our Fibre discs and backing pads are available in many different qualities and dimensions. Applications range from high chip removal through to achieving an extremely fine surface finish.

SAFETY ADVICE

Please note our recommended operating speeds. Pay attention to the safety and accident prevention regulations, including the FEPA safety recommendations, when using and storing flexible grinding and polishing tools. The tools are marked with the appropriate pictograms for correct usage.

HANDLING AND STORAGE ADVICE

Fibre discs should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18-22 °C and 45%-65% Relative Humidity and should not be exposed to direct sunlight.

FIBRE DISCS

Fibre discs are used together with a backing pad on angle grinders. We offer these very popular tools in the qualities Ceramic, ZK, ALO, SIC as well as in ZK, ALO and SIC in base-x quality for the price-conscious user.

SEMI-FLEXIBLE GRINDING DISCS

The semi-flexible grinding discs consist of a stable fibre backing with a structured abrasive coating of silicon carbide. This combination is particularly suitable for rough grinding work on many different materials. Typical applications include removing paint, rust and adhesives, but also machining fibre-reinforced plastics such as CFRP and GFRP, e.g. in the manufacture of swimming pools. Like fibre discs, semi-flexible grinding discs for angle grinders are only used together with a backing pad.



for an excellent finish

Hermes Schleifmittel is a multi-national company with a long series of tradition and innovation, the Hermes brand of abrasives is a market leader in the coated abrasives sector. Manufacturing sanding products that includes heavy duty belts, sanding discs, rolls and accessories.

Quality: "Outstanding".

Hermes is the first European abrasives manufacturer to be awarded certification to DIN EN ISO 9001, including its research and development work, as long ago as 1993. A group certificate was added to this award in 1996.

In 2002, the quality management was expanded to include the environmental management (incorporating occupational health and safety) to form an integrated management system which is applicable all over the world.

Controlled quality has top priority in the company, meaning that Hermes can satisfy customer requirements in every respect..



APPLICATION RECOMMENDATIONS

At high speed coarse grain produces a finer finish, while at low speed a fine grain produces a coarser finish.

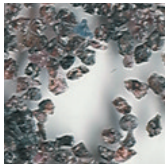
Do not apply too much pressure when using LUKAS grinding tools: excessive pressure does not improve the performance, and will instead result in premature wear. Even if the chip removal is unsatisfactory, you do not apply more pressure. Use a coarser grain instead to prevent unnecessary tool wear and effort. Using grinding additives can also improve efficiency.

QUALITY AND APPLICATIONS

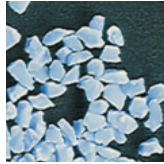
The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.



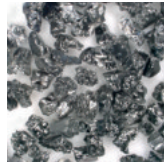
A
Semi-friable
aluminium oxide



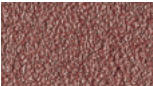
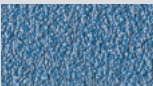

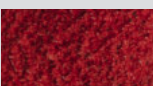
CER
Ceramic grain



ZK
Zirconia alumina



C/SIC
Silicon carbide

Quality		Properties	Application areas/ machining	Available as	Page
	A Semi-friable Aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	fibre discs	7,9
	ZK Zirconia alumina	exceptionally resilient grain with high pressure resistance	forged steel, metals that are difficult to machine and with extremely hard surfaces (overlay welding), titanium and titanium alloys, heat-resistant steel	fibre discs	6,8
	C/SIC Silicon carbide	minimum heat generation, special quality for the aerospace industry	aluminium and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic	fibre discs semi-flexible grinding discs	10,11
	Cer Ceramic grain	excellent removal rate without grain shredding cool cutting	non-rusting steels, nickel alloys	fibre discs	5

TECHNICAL INFORMATION

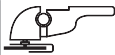



Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here.

Quality recommendations apply for ideal operating conditions.

best suitable

suitable

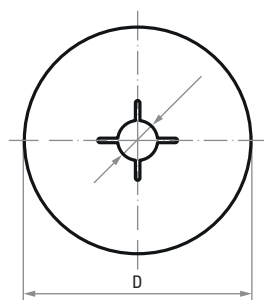
Type	Page	Reference/ Description	Product line	Quality	Materials								
					<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
					Inox/Stain- less steel	General purpose Steel	Tool steels	Cast Iron	Aluminium, magnesium and copper alloys	Construction materials/ Plaster/ plasterboard walls	Titanium and nickel alloys	Plastic/ wood/ rubber	Glass/Stone
	5	Ceramic fibre disc	★★★										
	6	RB 414 X ZK fibre disc	★★☆										
	7	RB 314 X ALO fibre disc	★★☆										
	8	ZK fibre disc	★★☆										
	9	ALO fibre disc	★★☆										
	10	SIC fibre disc	★★☆										
	11	Semi-flexible grinding disc	★★☆										

FINE AND CONSISTENT SURFACE FINISH

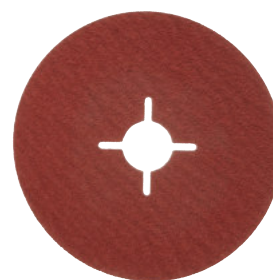
LUKAS FIBRE DISCS FOR YOUR REQUIRED SURFACE RESULTS



- single layer of abrasive with ceramic grain for the toughest applications
- high stock removal rate and long tool life
- hardened surfaces, wear-resistant steel, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- used together with a backing pad on angle grinders

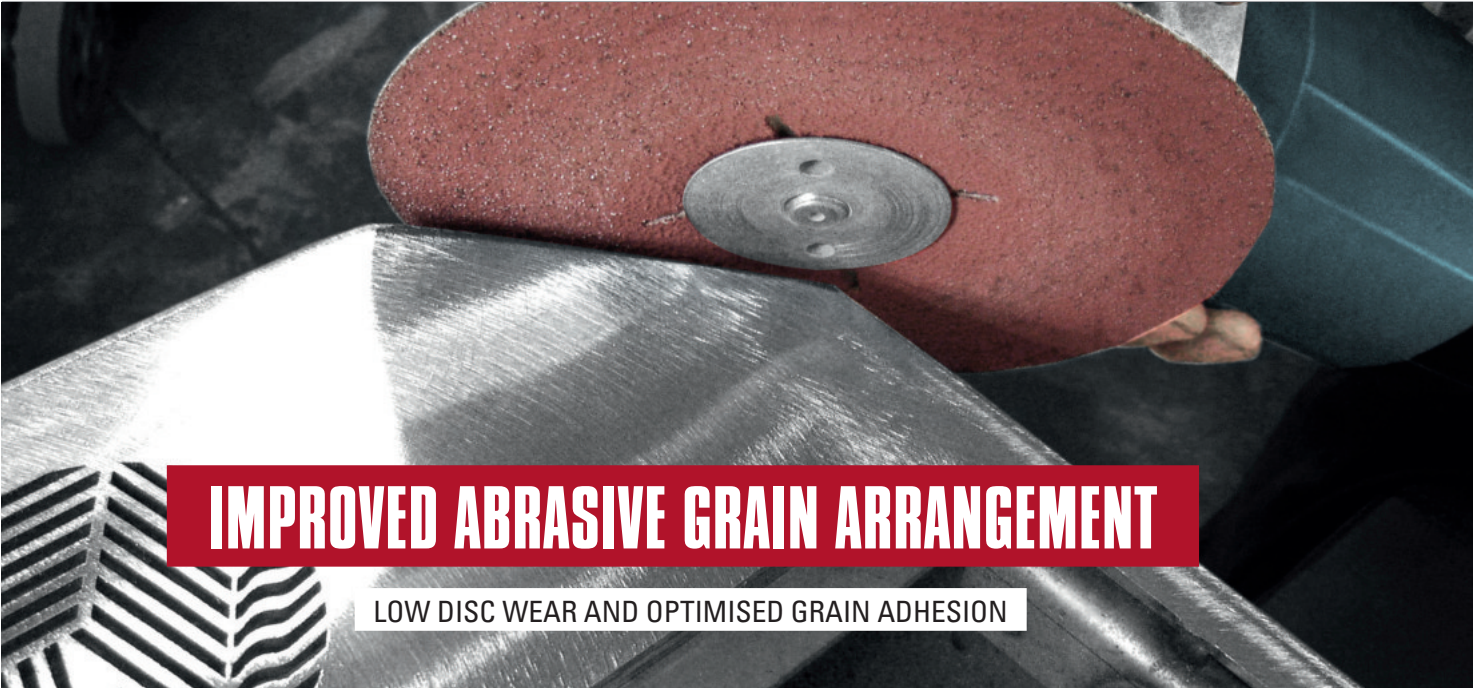


Ceramic fibre disc with cross slot



★★★

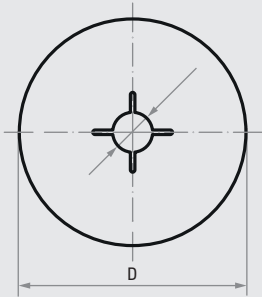
Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n_{max} rpm	Pack contains
6DC115220368899	115 rsn fbr Ceramic P36	115	22	36	Ceramic	cross slot	13,300	25
6DC115220608899	115 rsn fbr Ceramic P60	115	22	60	Ceramic	cross slot	13,300	25
6DC115220808899	115 rsn fbr Ceramic P80	115	22	80	Ceramic	cross slot	13,300	25
6DC125220608899	125 rsn fbr Ceramic P60	125	22	60	Ceramic	cross slot	12,200	25
6DC180220368899	180 rsn fbr Ceramic P36	180	22	36	Ceramic	cross slot	8,500	25
6DC180220508899	180 rsn fbr Ceramic P50	180	22	50	Ceramic	cross slot	8,500	25
6DC180220608899	180 rsn fbr Ceramic P60	180	22	60	Ceramic	cross slot	8,500	25
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium								



RB 414 X Zirconia alumina fibre disc



★★☆



- single layer of abrasive for the toughest applications
- made of exceptionally tough zirconia alumina with high resilience to pressure
- used together with a backing pad on angle grinders.

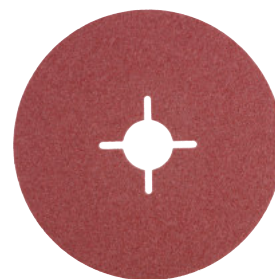
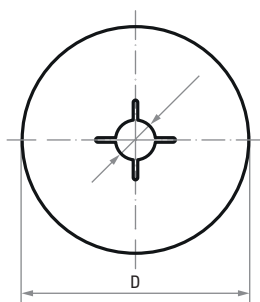
Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n _{max} rpm	Pack contains
6DD115220243127	115 RB 414 X rsn fbr ZK24	115	22	24	ZK	cross slot	13,300	25
6DD115220363127	115 RB 414 X rsn fbr ZK36	115	22	36	ZK	cross slot	13,300	25
6DD115220603127	115 RB 414 X rsn fbr ZK60	115	22	60	ZK	cross slot	13,300	25
6DD115221203127	115 RB 414 X rsn fbr ZK120	115	22	120	ZK	cross slot	13,300	25
6DD180220363127	180 RB 414 X rsn fbr ZK36	180	22	36	ZK	cross slot	8,500	25
6DD180220603127	180 RB 414 X rsn fbr ZK60	180	22	60	ZK	cross slot	8,500	25

Recommended for: Inox/Steel Steel Cast material Titanium



RB 314 X aluminium oxide fibre disc

- single layer of abrasive for tough applications
- regular aluminium oxide for cost-effective working
- used together with a backing pad on angle grinders



★★☆

Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n _{max} rpm	Pack contains
6DD100160162027	100 RB 314 X rsn fbr P16	100	16	16	ALO	cross slot	15,300	25
6DD100160242027	100 RB 314 X rsn fbr P24	100	16	24	ALO	cross slot	15,300	25
6DD100160602027	100 RB 314 X rsn fbr P60	100	16	60	ALO	cross slot	15,300	25
6DD100160802027	100 RB 314 X rsn fbr P80	100	16	80	ALO	cross slot	15,300	25
6DD100161005127	100 RB 314 X rsn fbr P100	100	16	100	ALO	cross slot	15,300	25
6DD100161202027	100 RB 314 X rsn fbr P120	100	16	120	ALO	cross slot	15,300	25
6DD115220245127	115 RB 314 X rsn fbr P24	115	22	24	ALO	cross slot	13,300	25
6DD115220365127	115 RB 314 X rsn fbr P36	115	22	36	ALO	cross slot	13,300	25
6DD115220605127	115 RB 314 X rsn fbr P60	115	22	60	ALO	cross slot	13,300	25
6DD115220805127	115 RB 314 X rsn fbr P80	115	22	80	ALO	cross slot	13,300	25
6DD115221005127	115 RB 314 X rsn fbr P100	115	22	100	ALO	cross slot	13,300	25
6DD115221205127	115 RB 314 X rsn fbr P120	115	22	120	ALO	cross slot	13,300	25
6DD125220165127	125 RB 314 X rsn fbr P16	125	22	16	ALO	cross slot	12,200	25
6DD125220245127	125 RB 314 X rsn fbr P24	125	22	24	ALO	cross slot	12,200	25
6DD125220365127	125 RB 314 X rsn fbr P36	125	22	36	ALO	cross slot	12,200	25
6DD125220605127	125 RB 314 X rsn fbr P60	125	22	60	ALO	cross slot	12,200	25
6DD125220805127	125 RB 314 X rsn fbr P80	125	22	80	ALO	cross slot	12,200	25
6DD125221002027	125 RB 314 X rsn fbr P100	125	22	100	ALO	cross slot	12,200	25
6DD180220165127	180 RB 314 X rsn fbr P16	180	22	16	ALO	cross slot	8,500	25
6DD180220245127	180 RB 314 X rsn fbr P24	180	22	24	ALO	cross slot	8,500	25
6DD180220365127	180 RB 314 X rsn fbr P36	180	22	36	ALO	cross slot	8,500	25
6DD180220605127	180 RB 314 X rsn fbr P60	180	22	60	ALO	cross slot	8,500	25
6DD180220805127	180 RB 314 X rsn fbr P80	180	22	80	ALO	cross slot	8,500	25
6DD180221005127	180 RB 314 X rsn fbr P100	180	22	100	ALO	cross slot	8,500	25
6DD180221205127	180 RB 314 X rsn fbr P120	180	22	120	ALO	cross slot	8,500	25

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

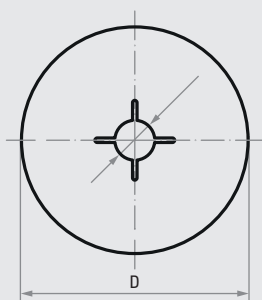
COST-EFFECTIVE GRINDING

EXCELLENT PRICE-PERFORMANCE RATIO WITH LUKAS BASE-X

Zirconia alumina fibre disc



★☆☆



- single layer of abrasive for the toughest applications
- made of exceptionally tough zirconia alumina with high resilience to pressure
- economically priced

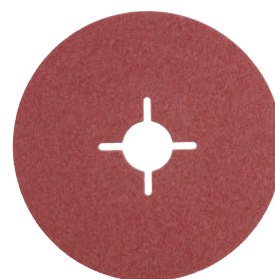
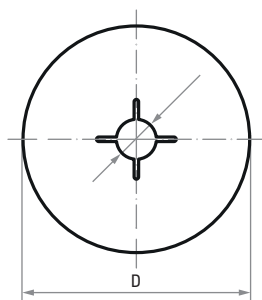
Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n _{max} rpm	Pack contains
6DD115220247153	115 base - x rsn fbr ZK24	115	22	24	ZK	cross slot	13,300	25
6DD115220367153	115 base - x rsn fbr ZK36	115	22	36	ZK	cross slot	13,300	25
6DD115220607153	115 base - x rsn fbr ZK60	115	22	60	ZK	cross slot	13,300	25
6DD115220807153	115 base - x rsn fbr ZK80	115	22	80	ZK	cross slot	13,300	25
6DD115221007153	115 base - x rsn fbr ZK100	115	22	100	ZK	cross slot	13,300	25
6DD115221207153	115 base - x rsn fbr ZK120	115	22	120	ZK	cross slot	13,300	25
6DD180220247153	180 base - x rsn fbr ZK24	180	22	24	ZK	cross slot	8,500	25
6DD180220367153	180 base - x rsn fbr ZK36	180	22	36	ZK	cross slot	8,500	25
6DD180220607153	180 base - x rsn fbr ZK60	180	22	60	ZK	cross slot	8,500	25
6DD180220807153	180 base - x rsn fbr ZK80	180	22	80	ZK	cross slot	8,500	25
6DD180221007153	180 base - x rsn fbr ZK100	180	22	100	ZK	cross slot	8,500	25
6DD180221207153	180 base - x rsn fbr ZK120	180	22	120	ZK	cross slot	8,500	25

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



Aluminium oxide fibre disc

- single layer of abrasive for tough applications
- regular aluminium oxide for cost-effective working
- used together with a backing pad on angle grinders



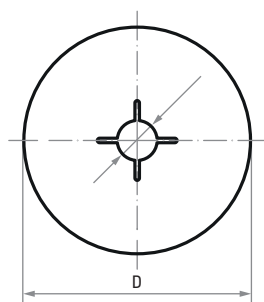
★☆☆

Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n_{max} rpm	Pack contains
6DD100160162053	100 base - x rsn fbr P16	100	16	16	ALO	no slot	15,300	25
6DD100160242053	100 base - x rsn fbr P24	100	16	24	ALO	no slot	15,300	25
6DD100160362053	100 base - x rsn fbr P36	100	16	36	ALO	no slot	15,300	25
6DD100160602053	100 base - x rsn fbr P60	100	16	60	ALO	no slot	15,300	25
6DD100160802053	100 base - x rsn fbr P80	100	16	80	ALO	no slot	15,300	25
6DD115220162053	115 base - x rsn fbr P16	115	22	16	ALO	no slot	13,300	25
6DD115220242053	115 base - x rsn fbr P24	115	22	24	ALO	no slot	13,300	25
6DD115220362053	115 base - x rsn fbr P36	115	22	36	ALO	no slot	13,300	25
6DD115220602053	115 base - x rsn fbr P60	115	22	60	ALO	no slot	13,300	25
6DD115220802053	115 base - x rsn fbr P80	115	22	80	ALO	no slot	13,300	25
6DD115221002053	115 base - x rsn fbr P100	115	22	100	ALO	no slot	13,300	25
6DD115221202053	115 base - x rsn fbr P120	115	22	120	ALO	no slot	13,300	25
6DD125220162053	125 base - x rsn fbr P16	125	22	16	ALO	no slot	12,200	25
6DD125220242053	125 base - x rsn fbr P24	125	22	24	ALO	no slot	12,200	25
6DD125220362053	125 base - x rsn fbr P36	125	22	36	ALO	no slot	12,200	25
6DD125220602053	125 base - x rsn fbr P60	125	22	60	ALO	no slot	12,200	25
6DD125220802053	125 base - x rsn fbr P80	125	22	80	ALO	no slot	12,200	25
6DD125221002053	125 base - x rsn fbr P100	125	22	100	ALO	no slot	12,200	25
6DD180220162053	180 base - x rsn fbr P16	180	22	16	ALO	no slot	8,500	25
6DD180220242053	180 base - x rsn fbr P24	180	22	24	ALO	no slot	8,500	25
6DD180220362053	180 base - x rsn fbr P36	180	22	36	ALO	no slot	8,500	25
6DD180220502053	180 base - x rsn fbr P50	180	22	50	ALO	no slot	8,500	25
6DD180220602053	180 base - x rsn fbr P60	180	22	60	ALO	no slot	8,500	25
6DD180220802053	180 base - x rsn fbr P80	180	22	80	ALO	no slot	8,500	25
6DD180221002053	180 base - x rsn fbr P100	180	22	100	ALO	no slot	8,500	25
Recommended for: ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Inox/Steel ● Titanium								

Silicone Carbide fibre disc



★☆☆



- single layer of abrasive for tough applications
- for the price-conscious user
- used together with a backing pad on angle grinders

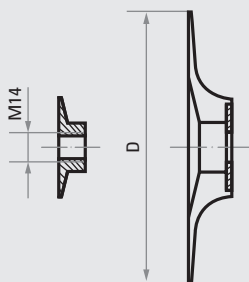
Product number	Description	D mm	Bore mm	Grit	Abrasive	Configuration	n_{max} rpm	Pack contains
6DC115220243053	115 base - x rsn fbr SIC24	115	22	24	SIC	no slot	13,300	25
6DC115220363053	115 base - x rsn fbr SIC36	115	22	36	SIC	no slot	13,300	25
6DC115220603053	115 base - x rsn fbr SIC60	115	22	60	SIC	no slot	13,300	25
6DC115220803053	125 base - x rsn fbr SIC80	125	22	80	SIC	no slot	12,200	25
6DC180220163053	180 base - x rsn fbr SIC16	180	22	16	SIC	no slot	8,500	25
6DC180220243053	180 base - x rsn fbr SIC24	180	22	24	SIC	no slot	8,500	25
6DC180220363053	180 base - x rsn fbr SIC36	180	22	36	SIC	no slot	8,500	25
6DC180220603053	180 base - x rsn fbr SIC60	180	22	60	SIC	no slot	8,500	25
6DC180220803053	180 base - x rsn fbr SIC80	180	22	80	SIC	no slot	8,500	25

Recommended for: ● Steel ● Aluminium ● Stone/Construction material ● Cast material ● Plastic/Wood

STF fibre disc backing pad



★★☆



The carriers are supplied in a universally applicable degree of hardness; our medium type is suitable for almost every application. Other types are available on request for roughing work or radius grinding.

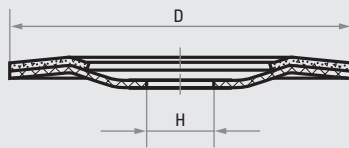
- nuts included

Product number	Description	D mm	Thread	Flex	n_{max} rpm	Pack contains
6DB115142099	115 backing pad white M14	115	M14	Soft flex	13,300	1
6DB115146099	115 backing pad black M14	115	M14	Medium flex	13,300	1
6DB178146095	178 backing pad white M14	178	M14	Soft flex	8,500	1
6DB178146099	178 backing pad black M14	178	M14	Medium flex	8,500	1

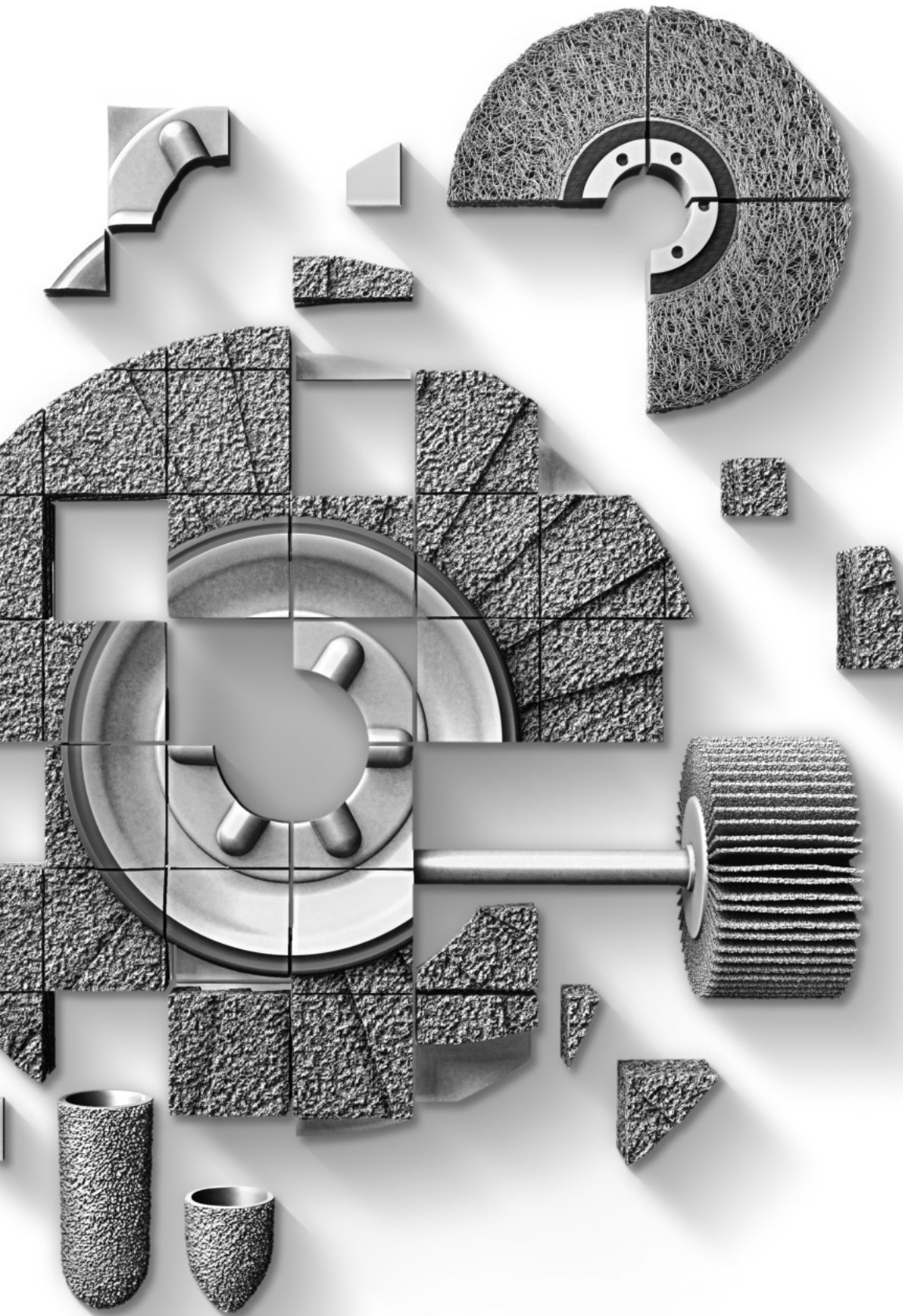


Semi-flexible grinding disc

- consists of a stable fibre backing with a structured abrasive coating of silicon carbide
- for removing paint, rust and adhesives, but also for machining fibre-reinforced plastics such as CFRP and GFRP (e.g. for swimming pools)
- also very suitable for animal hooves
- may only be used with backing pads



Product number	Description	D mm	H mm	Grit	Abrasive	Configuration	n_{max} rpm	Pack contains
6DC11522160093	115 semi-flex SIC16	115	22	16	SIC	3 cross slot	13,300	25
6DC11522360093	115 semi-flex SIC36	115	22	36	SIC	3 cross slot	13,300	25
6DC18022160093	180 semi-flex SIC16	180	22	16	SIC	3 cross slot	8,500	25
6DC18022360093	180 semi-flex SIC36	180	22	36	SIC	3 cross slot	8,500	25
Recommended for: ● Steel ● Aluminium ● Stone/Construction material ● Cast material ● Plastic/Wood								



GRINDING AND POLISHING

(with flexible tools)

GRINDING AND POLISHING
(with flexible tools)

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive sheets and blocks

GENERAL

Lukas Abrasive South Africa has partnered with Hermes Schleifmittel GmbH to be the sole distributor in Southern Africa of the Hermes brand coated abrasives.

Our Abrasive sheets and blocks are available in many different qualities and dimensions. Applications range from high chip removal through to achieving an extremely fine surface finish.

SAFETY ADVICE

Pay attention to the safety and accident prevention regulations, including the FEPA safety recommendations, when using and storing coated abrasives. The tools are marked with the appropriate pictograms for correct usage.

HANDLING AND STORAGE ADVICE

Coated abrasives should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18-22 °C and 45%-65% Relative Humidity. Coated abrasives should not be exposed to direct sunlight.



for an excellent finish

Hermes Schleifmittel is a multi-national company with a long series of tradition and innovation, the Hermes brand of abrasives is a market leader in the coated abrasives sector. Manufacturing sanding products that includes heavy duty belts, sanding discs, rolls and accessories.

Quality: "Outstanding".

Hermes is the first European abrasives manufacturer to be awarded certification to DIN EN ISO 9001, including its research and development work, as long ago as 1993. A group certificate was added to this award in 1996.

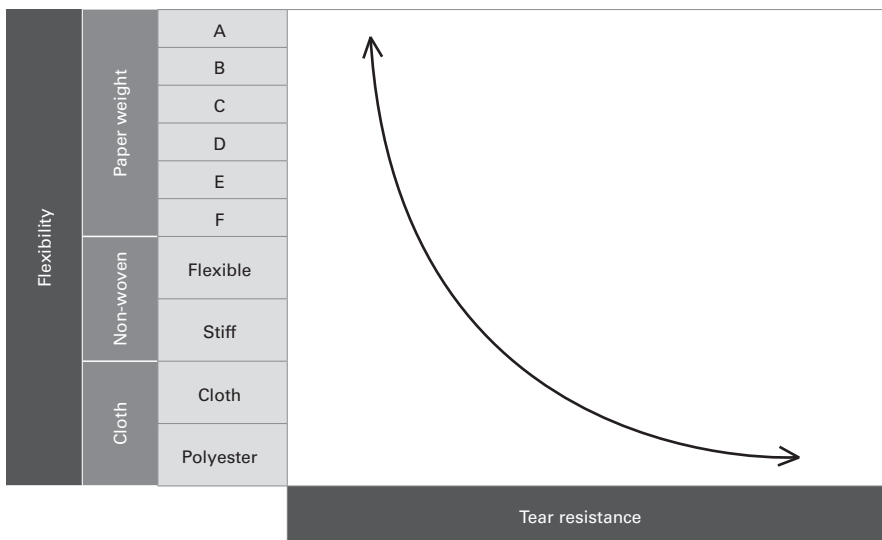
In 2002, the quality management was expanded to include the environmental management (incorporating occupational health and safety) to form an integrated management system which is applicable all over the world.

Controlled quality has top priority in the company, meaning that Hermes can satisfy customer requirements in every respect..



ABRASIVE BACKING

- **Paper** = flexible, easily torn, non water resistant
- **Paper with latex** = flexible, easily torn, water resistant
- **Cloth** = flexible, tear resistant, water resistant, suitable for mild to heavy duty applications
- **Polyester** = stiff, tear resistant, water resistant, suitable for heavy duty applications
- **Non-woven** = varies between flexible and stiff, tear resistant, water resistant

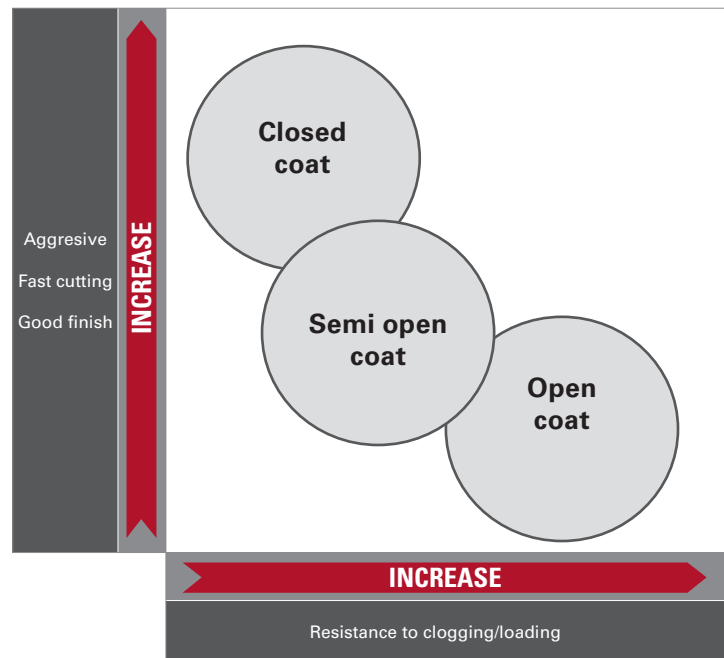


TECHNICAL INFORMATION

The most important product information at a glance

COATINGS

Types of coatings	
	Closed coat 100% of backing is covered in abrasive grain
	Semi open coat 70% of backing is covered in abrasive grain
	Open coat 50% of backing is covered in abrasive grain

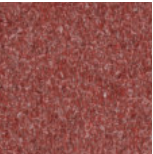




GRINDING AND POLISHING
(with flexible tools)

ANTI-CLOGGING STEARATE

The stearated coating is a dry lubricant which is released during use. Stearated coated abrasives are particularly useful in sanding painted or varnished surfaces which tend to clog/load

during the sanding process, the stearate coating prevents or reduces the clogging/loading and increases the useful life of the sandpaper

Quality	Properties	Application areas/ machining	available as	Page
	No stearated coating	Poor anti-clogging properties	Sanding of hard non clogging surfaces such as steel	Velcro abrasive discs
	Silver stearated coating	Excellent anti-clog properties	Sanding of lacquered surfaces, fibre-reinforced plastics, softwood	Velcro abrasive discs
	Gold stearated coating	Good anti-clog properties	Sanding of lacquered surfaces, fibre-reinforced plastics, softwood	Velcro abrasive discs

TECHNICAL INFORMATION

Qualities and areas of application

We have a range of abrasive rolls in proven qualities from the full spectrum of possibilities described here.

Quality recommendations apply for ideal operating conditions.

■ best suitable ■ suitable

Type	Page	Reference/ Description	Product line	Quality	Materials											
					Inox/Stain- less steel	General purpose Steel	Tool steels	Aluminium, magne- sium and copper alloys	Con- struction materials/ Plaster/ plaster-	Titanium and nickel alloys	Glass/ Stone	Wood	Plastics	Composit materials	Lacquer/ Varnish	Filler
		Notch sheets	★☆☆						■			■			■	
		Angle sheets	★☆☆						■			■			■	
		Wet/dry abra- sive sheets	★★★		■	■	■		■		■		■	■	■	■
		Auto paper abrasive sheets	★☆☆		■	■	■		■		■		■	■	■	■
		Gold stearate abrasive sheets	★☆☆		■	■	■	■					■	■	■	■
		Stearate abra- sive sheets	★☆☆		■	■	■	■	■	■	■		■	■	■	■
		Emery cloth abrasive sheets	★☆☆		■	■	■	■	■			■		■		
		Non woven hand pads	★☆☆		■	■	■	■				■	■	■	■	
		Sponge hand sanding blocks	★★★		■	■	■	■				■	■	■	■	■
		Ax-O abrasive blocks	★★★		■	■	■	■	■	■	■		■	■		

The right abrasive for every application

LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high quality abrasives from LUKAS are ideal for many industries, areas and requirements, and therefore offer you a very wide choice.

The overview below lists all abrasives for use with flexible grinding and polishing tools. Read through the properties and application areas for various workpiece materials to establish the most suitable abrasive grain type and tools to meet your requirements.

Quality		Properties	Application areas/ machining	available as
	A Semi-friable Aluminium oxide	very tough abrasive, high resilience	forged steel, malleable iron, grey cast iron, carbon steel, deep-drawn steel, steel band, zinc die castings, non-ferrous metals, wood	Abrasive blocks Abrasive sheets
	C/SIC Silicon carbide	minimum heat genera- tion, special quality for the aerospace industry	aluminium and alloys, titanium materials, glass, ceramic, heat-resistant steel, plastic	Abrasives blocks Abrasive sheets



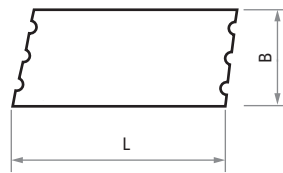
DRUM FLOOR SANDER

FOR HIGH PERFORMANCE FLOOR SANDERS



Notch sheets

- cloth backing
- highly aggressive
- fast cutting
- durable, good tool life



★☆☆

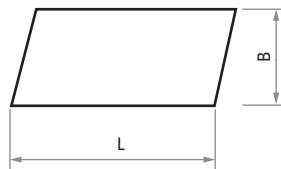
Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6HC2000401027	200.472 P40 notch sheet	200	472	40	SIC	Semi	Cloth	25
6HC2000601027	200.472 P60 notch sheet	200	472	60	SIC	Semi	Cloth	25
6HC2000801027	200.472 P80 notch sheet	200	472	80	SIC	Semi	Cloth	25
6HC2001001027	200.472 P100 notch sheet	200	472	100	SIC	Semi	Cloth	25
6HC2001201027	200.472 P1200 notch sheet	200	472	120	SIC	Semi	Cloth	25

Recommended for: ● Plastic/Wood



Angle sheets

- cloth backing
- highly aggressive
- fast cutting
- durable, good tool life



★☆☆

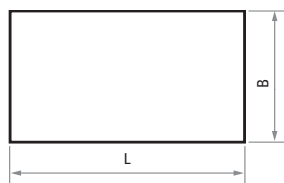
Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6HC21047004027C	210.510 P40 angle sheet	210	510	40	SIC	Semi	Cloth	25
6HC21047006027C	210.510 P60 angle sheet	210	510	60	SIC	Semi	Cloth	25
6HC21047008027C	210.510 P80 angle sheet	210	510	80	SIC	Semi	Cloth	25
6HC21047010027C	210.510 P100 angle sheet	210	510	100	SIC	Semi	Cloth	25

Recommended for: ● Plastic/Wood

HERMES HIGH QUALITY WET/DRY SHEETS

LONG LASTING AND CONSISTANT FINISHES

Hermes wet/dry abrasive sheets



- latex paper with improved characteristics of flexibility, resistance to folding and tearing can be used wet or dry
- sanding primers and painted areas
- initial sanding before painting
- lacquer sanding of shaped wood parts

★★☆

Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6PA23300603027	P60 WS-flex 18C wet/dry	230	280	60	SIC	Closed	Paper - C	50
6PA23300803027	P80 WS-flex 18C wet/dry	230	280	80	SIC	Closed	Paper - C	50
6PA23301003027	P100 WS-flex 16 wet/dry	230	280	100	SIC	Closed	Paper - B	50
6PA23301203027	P120 WS-flex 16 wet/dry	230	280	120	SIC	Closed	Paper - B	50
6PA23301503027	P150 WS-flex 16 wet/dry	230	280	150	SIC	Closed	Paper - B	100
6PA23301803027	P180 WS-flex 16 wet/dry	230	280	180	SIC	Closed	Paper - B	100
6PA23302203027	P220 WS-flex 16 wet/dry	230	280	220	SIC	Closed	Paper - B	100
6PA23303203027	P320 WS-flex 16 wet/dry	230	280	320	SIC	Closed	Paper - B	100
6PA23303603027	P360 WS-flex 16 wet/dry	230	280	360	SIC	Closed	Paper - B	100
6PA23304003027	P400 WS-flex 16 wet/dry	230	280	400	SIC	Closed	Paper - B	100
6PA23306003027	P600 WS-flex 16 wet/dry	230	280	600	SIC	Closed	Paper - B	100
6PC23008001027	P600 WS-flex 16 wet/dry	230	280	800	SIC	Closed	Paper - B	100
6PC23010001027	P600 WS-flex 16 wet/dry	230	280	1000	SIC	Closed	Paper - B	100
6PC23012001027	P600 WS-flex 16 wet/dry	230	280	1200	SIC	Closed	Paper - B	100
6PC23015001027	P600 WS-flex 16 wet/dry	230	280	1500	SIC	Closed	Paper - B	100
6PC23020001027	P600 WS-flex 16 wet/dry	230	280	2000	SIC	Closed	Paper - B	100
6PC23025001027	P600 WS-flex 16 wet/dry	230	280	2500	SIC	Closed	Paper - B	100

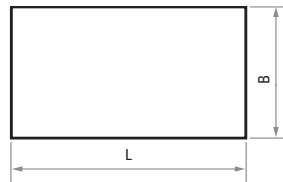
Recommended for: ● Inox/Steel ● Steel ● Stone/Construction material

ECONOMICALLY PRICED

EXTREMELY DURABLE FOR COMMERCIAL AND INDUSTRIAL PURPOSES



Auto paper abrasive sheets



- latex paper backing
- can be used wet or dry
- initial sanding before painting
- sanding primers and painted areas

★☆☆

Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6PA23300803597	P80 autopaper wet/dry	230	280	80	SIC	Closed	Paper - B	50
6PA23301003597	P100 autopaper wet/dry	230	280	100	SIC	Closed	Paper - B	50
6PA23301203597	P120 autopaper wet/dry	230	280	120	SIC	Closed	Paper - B	50
6PA23301503597	P150 autopaper wet/dry	230	280	150	SIC	Closed	Paper - B	50
6PA23301803597	P180 autopaper wet/dry	230	280	180	SIC	Closed	Paper - B	50
6PA23302203597	P220 autopaper wet/dry	230	280	220	SIC	Closed	Paper - B	50
6PA23303203597	P320 autopaper wet/dry	230	280	320	SIC	Closed	Paper - B	50
6PA23303603597	P360 autopaper wet/dry	230	280	360	SIC	Closed	Paper - B	50
6PA23304003597	P400 autopaper wet/dry	230	280	400	SIC	Closed	Paper - B	50
6PA23306003597	P600 autopaper wet/dry	230	280	600	SIC	Closed	Paper - B	50
6PA23308003597	P800 autopaper wet/dry	230	280	800	SIC	Closed	Paper - B	50
6PA23310003597	P1000 autopaper wet/dry	230	280	1000	SIC	Closed	Paper - B	50
6PA23312003597	P1200 autopaper wet/dry	230	280	1200	SIC	Closed	Paper - B	50
6PA23315003597	P1500 autopaper wet/dry	230	280	1500	SIC	Closed	Paper - B	50

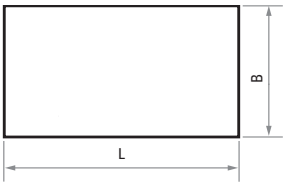
Recommended for: ● Inox/Steel ● Steel ● Stone/Construction material



SANDING OF SOFT PRIMERS AND LACQUERS

STEARATED TO ALLOW SHEETS TO RESIST LOADING

Gold stearated abrasive sheets



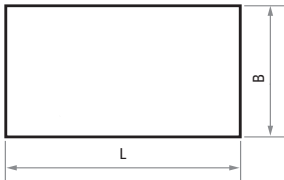
★☆☆

- anti clog stearate coating
- can be used wet or dry

Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6PA23400802097	P80 gold sheet 1 star	230	280	80	A	Semi	Paper - C	50
6PA23401002097	P100 gold sheet 1 star	230	280	100	A	Semi	Paper - C	50
6PA23401202097	P120 gold sheet 1 star	230	280	120	A	Semi	Paper - C	50
6PA23401502097	P150 gold sheet 1 star	230	280	150	A	Semi	Paper - C	50
6PA23401802097	P180 gold sheet 1 star	230	280	180	A	Semi	Paper - C	50
6PA23402202097	P220 gold sheet 1 star	230	280	220	A	Semi	Paper - C	50
6PA23402402097	P240 gold sheet 1 star	230	280	240	A	Semi	Paper - C	50
6PA23403202097	P320 gold sheet 1 star	230	280	320	A	Semi	Paper - C	50
6PA23404002097	P400 gold sheet 1 star	230	280	400	A	Semi	Paper - C	50

Recommended for: ● Inox/Steel ● Steel ● Stone/Construction material ● Aluminium ● Plastic/Wood

Stearated abrasive sheets



★☆☆

- anti clog stearate coating
- can be used wet or dry

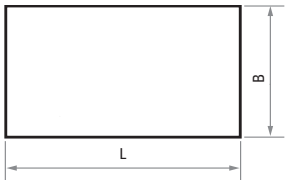
Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6PC23001002097	C100 stearate sheets 1 star	230	280	100	SIC	Semi	Paper - B	50
6PC23001202097	C120 stearate sheets 1 star	230	280	120	SIC	Semi	Paper - B	50
6PC23001502097	C150 stearate sheets 1 star	230	280	150	SIC	Semi	Paper - B	50
6PC23001802097	C180 stearate sheets 1 star	230	280	180	SIC	Semi	Paper - B	50
6PC23002202097	C220 stearate sheets 1 star	230	280	220	SIC	Semi	Paper - B	50
6PC23003202097	C320 stearate sheets 1 star	230	280	320	SIC	Semi	Paper - B	50
6PC23003602097	C360 stearate sheets 1 star	230	280	360	SIC	Semi	Paper - B	50
6PC23004002097	C400 stearate sheets 1 star	230	280	400	SIC	Semi	Paper - B	50

Recommended for: ● Inox/Steel ● Steel ● Stone/Construction material ● Aluminium ● Plastic/Wood



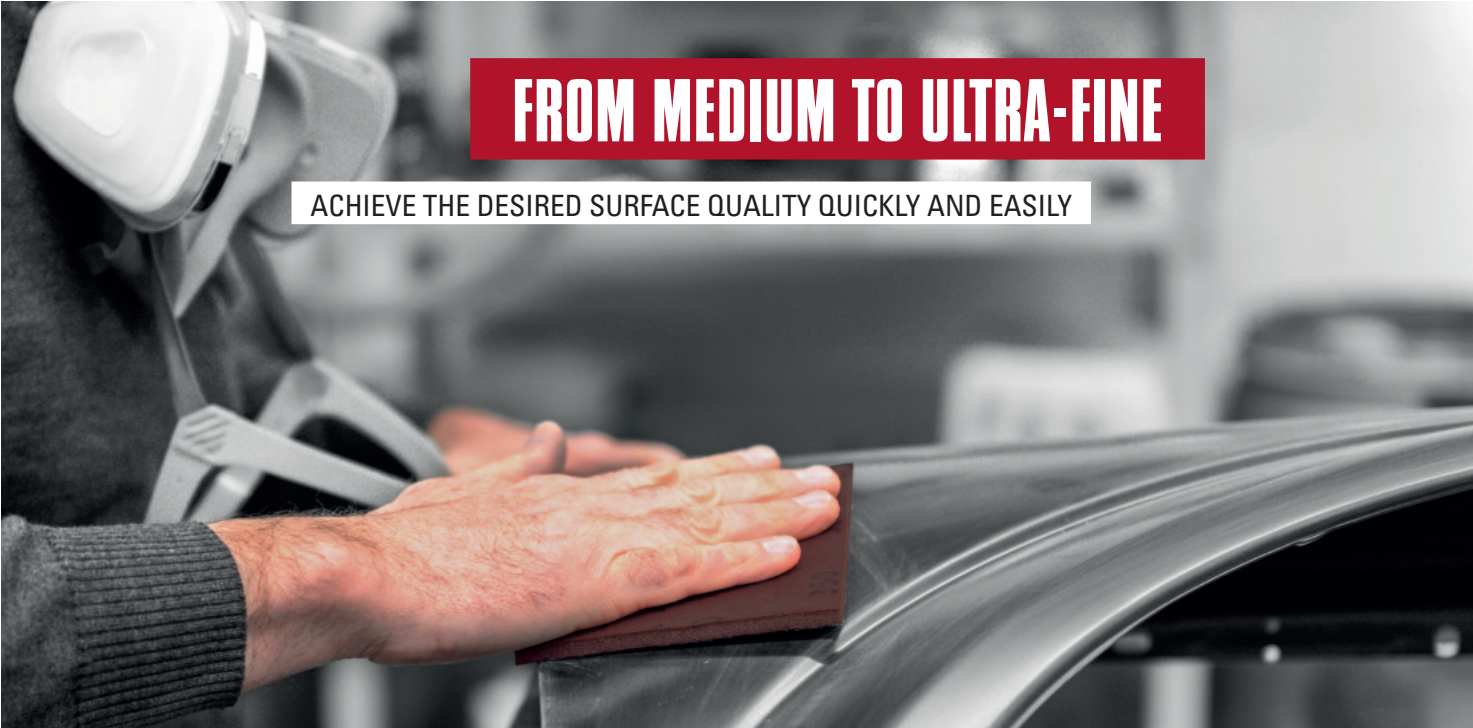
Emery cloth abrasive sheets

- general purpose
- flexible cloth backing
- deburring and general purpose sanding



★☆☆

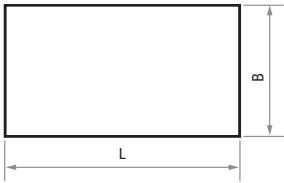
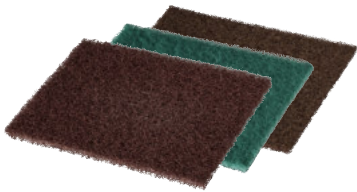
Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Coating	Backing	Pack contains
6PA23500502097	P50 emery sheets 1 star	230	280	50	A	Closed	Cloth	50
6PA23500802097	P80 emery sheets 1 star	230	280	80	A	Closed	Cloth	50
6PA23501002097	P100 emery sheets 1 star	230	280	100	A	Closed	Cloth	50
6PA23501202097	P120 emery sheets 1 star	230	280	120	A	Closed	Cloth	50
6PA23502202097	P220 emery sheets 1 star	230	280	220	A	Closed	Cloth	50
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Plastic/Wood								



FROM MEDIUM TO ULTRA-FINE

ACHIEVE THE DESIRED SURFACE QUALITY QUICKLY AND EASILY

Non woven hand pad abrasive sheets



- for practical manual reworking
- LUKAS fleece pads are ideal for removing corrosion and surface staining and for cleaning, polishing and finishing all kinds of materials.

★☆☆

Product number	Description	Width B mm	Length L mm	Grit	Abrasive	Pack contains
7FP1502300008	Green hand pad	150	225	Fine	SIC	10
7FP1502302008	Med maroon hand pad	150	225	Medium	A	10
7FP1502303008	Fine maroon hand pad	150	225	Fine	A	10
7FP1502304008	V/fine maroon hand pad	150	225	Very fine	A	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium						

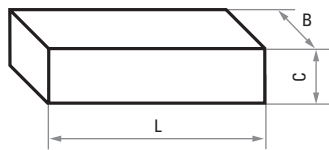
BLOCK SHAPE FOR EASY HANDLING

PERFECT FOR RETAINING SHAPE WHEN SANDING IN PERPENDICULAR CORNERS



Sponge hand sanding abrasive blocks

- sand on 4 sides
- block shape for easy handling
- can be used wet or dry
- high density sponge



★★☆

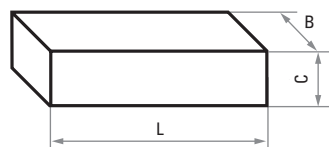
Product number	Description	L mm	B mm	C mm	Grit	Abrasive	Pack contains
7BB10060019	Abrasive block coarse	100	70	25	P 60	SIC	1
7BB10120019	Abrasive block medium	100	70	25	P 120	SIC	1
7BB10240019	Abrasive block fine	100	70	25	P 240	SIC	1

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



Ax-O Artifex abrasive blocks

- versatile whetstone for various applications
- block shape for easy handling
- can be used wet or dry
- high rubber bond



★★☆

Product number	Description	L mm	B mm	C mm	Grit	Abrasive	Pack contains
7BB060019	Flex block coarse	80	50	20	P 60	A	1
7BB120019	Flex block medium	80	50	20	P 120	A	1
7BB240019	Flex block fine	80	50	20	P 240	A	1

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