



ROUGH GRINDING

ROUGH GRINDING

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TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS grinding discs

SHELF LIFE

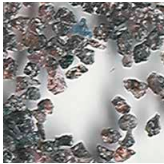
Resin-bonded grinding discs for handheld use may only be used up to three years after the manufacture date. The expiry date (month and year) is stamped on the metal ring, e.g. V07/2022.



LABELLING SYSTEM FOR RESIN-BONDED GRINDING DISCS

All of the important quality information about your LUKAS grinding disc is stated on the label: abrasive material, grit size, hardness and type of bond.

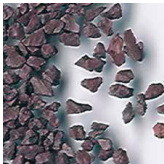
The following overview provides all the information concerning the abbreviations and markings.



A
Semi-friable
aluminium oxide



Z
Zirconia alumina



A
Ceramic-coated
annealed aluminium
oxide



CER
Ceramic grain



C
Silicon carbide

ABRASIVE

LUKAS offers you the abrasive you need for every application – tailored to your requirements and the materials you are working with.

Abrasive	
A	Aluminium oxide
C	Silicon carbide
Z	Zirconia alumina
CER	Ceramic grain

GRIT

From coarse to medium to fine, the grit size is indicated directly on the label.

coarse	medium	fine
12 to 24	36 to 54	60 to 120

HARDNESS

The hardness indicates the strength holding the abrasive grain bonded to the grinding disc. Letters are used to indicate the hardness grade.

soft	medium	hard
M	R	U
P	S	V
Q	T	Z

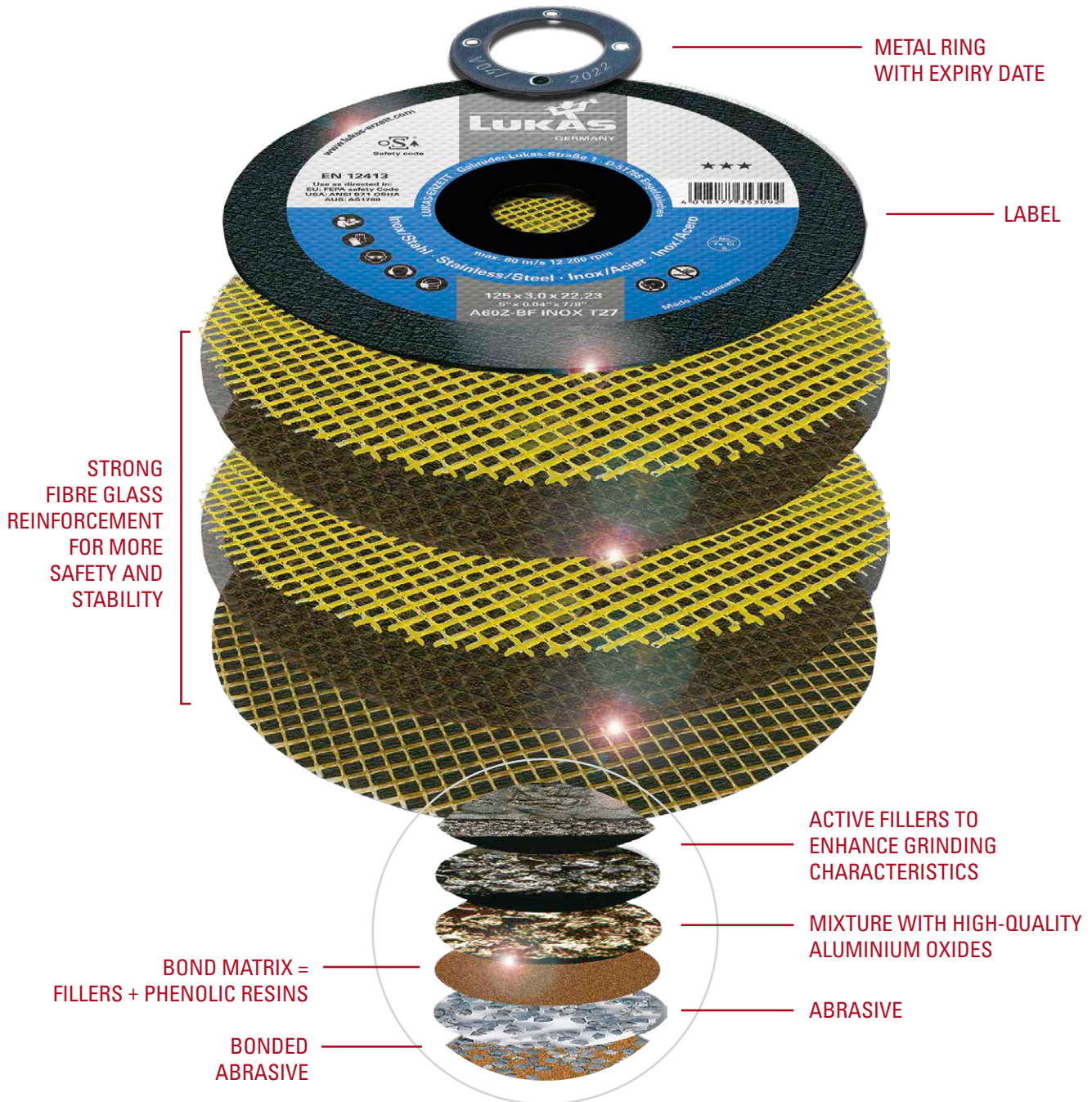
BOND

The bond holds the abrasive grain to the grinding disc. LUKAS grinding discs are available with the following bonds:

- **BA** = resin bond
- **BF** = fibre-reinforced resin bond

TECHNICAL INFORMATION

Construction and components of LUKAS grinding discs



OPERATING SPEED

LUKAS grinding discs are developed and tested for specified maximum operating speeds and grinding processes. Before fixing the grinding tool to the machine, always check that

the nominal speed of the machine (nameplate) is not higher than the maximum speed specified on the grinding disc.

Maximum operating speed	Grinding disc diameter (mm)										
	50	76	100	115	125	150	180	230	300	350	400
80 m/s	30,500	20,100	15,300	13,300	12,200	10,200	8,500	6,600	5,100	4,400	3,800
100 m/s	38,200	25,100	19,100	16,650	16,600	12,700	10,600	8,300	6,400	5,400	4,700
	rpm										

WORK SAFETY

Safely grinding with LUKAS tools

LUKAS makes a serious commitment to customers with respect to work safety and ergonomics. Our products are designed and manufactured according to the strictest quality standards to provide maximum customer value at minimum risk. We are a member of both the German Abrasives Association (VDS) and the Organisation for the Safety of Abrasives (oSa) and thus actively contribute to users' health and safety.

APPLIED STANDARDS

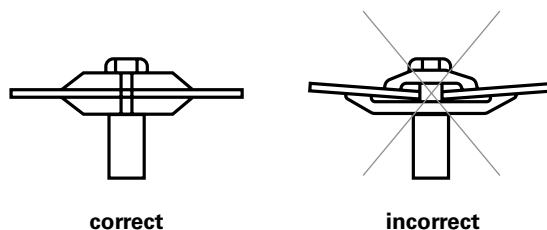
- Safety requirements for bonded abrasive products: EN 12413
- Safety requirements for superabrasive products: EN 13236

SAFETY INFORMATION

- **Avoid improper handling of the discs.** Use only fibre-reinforced grinding discs on power tools.
- Store discs **in a dry place at room temperature.**
- Don't **use damaged discs.**
- Never exceed the maximum permitted speed specified **on the disc.**
- Only use discs that can be mounted on the machine without requiring force.
- Never use **damaged, dirty or uneven mounting flanges.**
- Don't overtighten the mounting nut or locking flange, as this may lead to deformations.
- All tools may only be used with the appropriate **grinding disc protective cover.**
- Make sure that the **workplace is sufficiently ventilated** and wear appropriate **respiratory protection.**
- Avoid bending the disc.
- Don't press the disc on the edge or contact area in order to stop it from rotating. Always switch off the machine and allow the disc to spin freely until it stops.
- **Don't cant and seize** the disc **when** grinding.
- **Avoid applying excessive pressure** on the disc. It will cause the motor to slow down.
- **Don't drop handheld machines** or lower them to the floor by the cable or airline. The weight of the machine can cause the grinding disc to easily crack if it is put down with too much force. This is a common cause of disc breakage. When grinding with a depressed centre grinding disc, maintain an angle of more than 20° to the workpiece.
- Use the machine only in a position where you have full control and are well balanced.

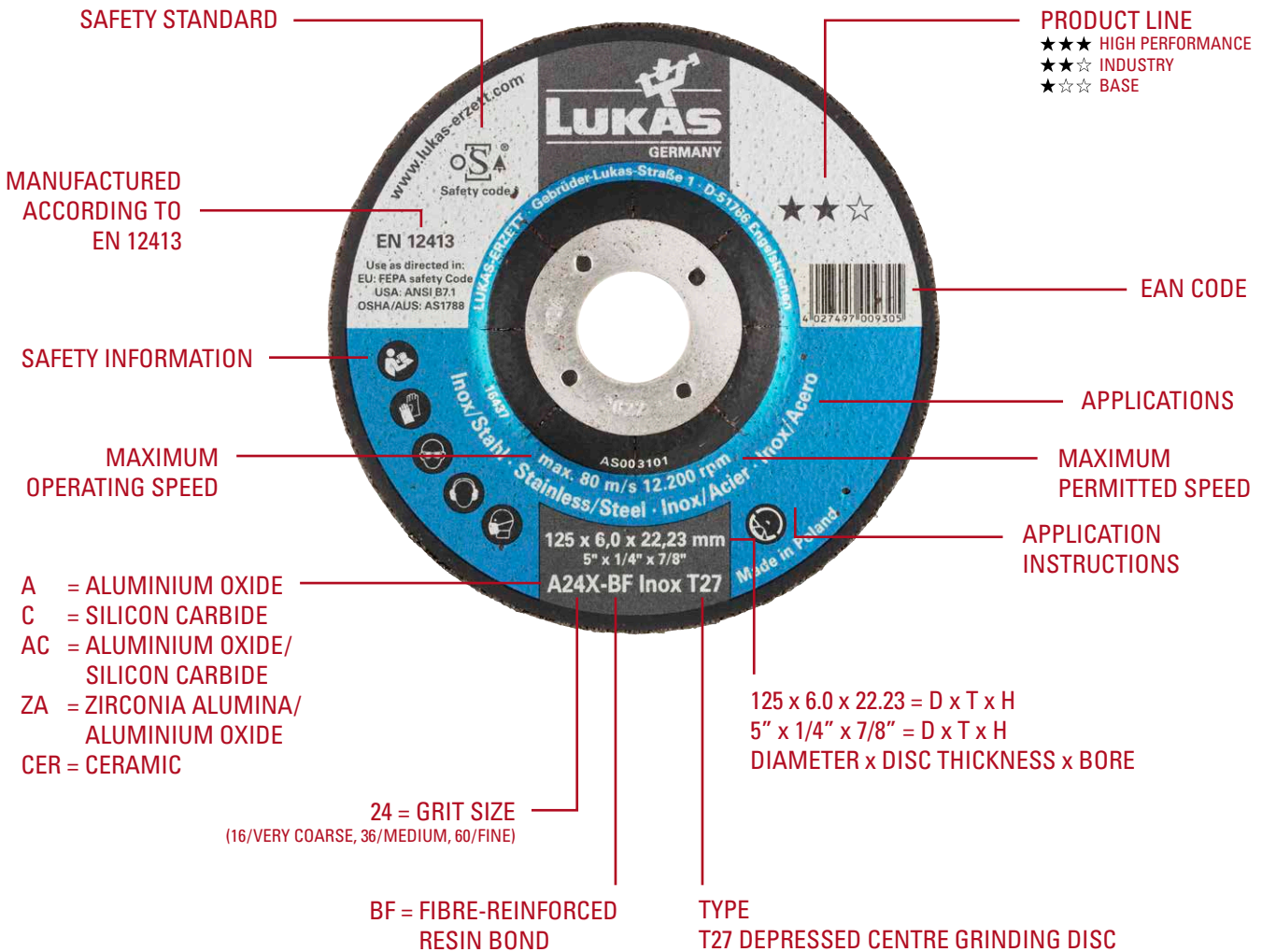
CLAMPING SYSTEM

The use of flanges with different diameters is not permitted. Both flanges between which the bonded abrasive is mounted must have the same outer diameter and similar contact areas (according to EN 60745-2-3:2007 and ANSI B.7.1).

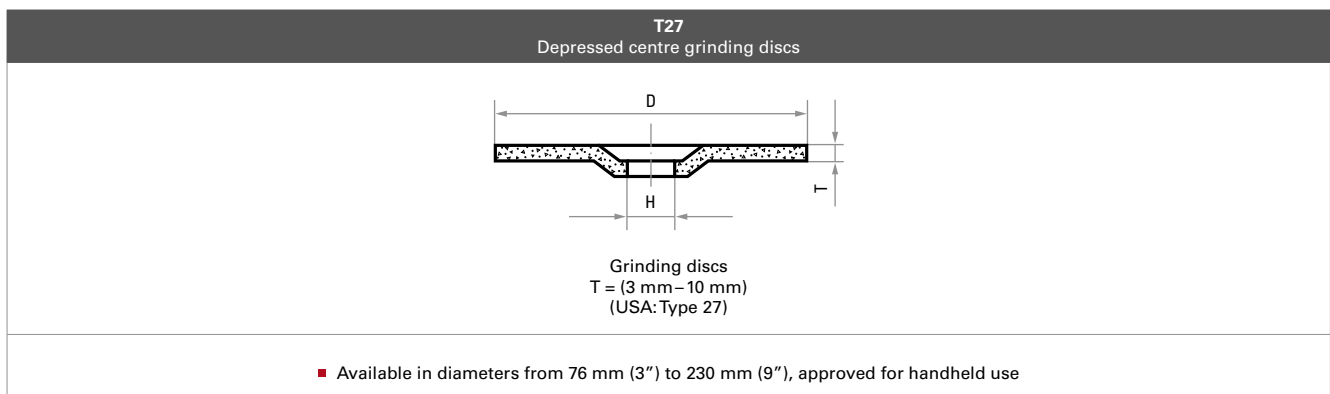


LABELLING

All important markings on the label

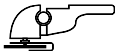














TYPES OF RESIN-BONDED GRINDING DISCS



AREA OF USE

Overview of types of LUKAS grinding discs

Type	Product line	Material				
		Inox/Steel	Steel	Aluminium	Stone/ Construction material	Cast material
Handheld grinding discs for angle grinders 	★★★	 Pages 275 and 276	 Page 278			
	★★☆	 Page 277	 Page 278	 Page 280	 Page 281	 Page 281
	★☆☆		 Page 279			
Diamond cup wheels for angle grinders 	★★☆				 Page 282	
Tungsten carbide granulate-tipped disc for angle grinders 	★★☆				 Page 283	

THE PERFECT ALTERNATIVE TO THE GRINDING DISC: THE iQ-SERIES FLAP DISK FROM LUKAS!
GO TO **PAGES 134 – 151** AND TEST THEM NOW!

MAXIMUM PERFORMANCE AND COOL REMOVAL

EFFICIENTLY MACHINE EVEN THE HARDEST MATERIALS

The LUKAS grinding discs with ceramic grain are perfectly suited for highly productive machining of steels. Thanks to the fast but cool cutting, they can machine inox without any blue discoloration and have an exceptional tool life due to the self-sharpening effect. In addition, these require only little effort during use. The low applied grinding pressure also contributes to low operating temperatures.

EXTREME TOOL LIFE DUE TO SELF-SHARPENING EFFECT

The high-performance grinding discs consist of ceramic grain that constantly releases extremely fine particles in use. When

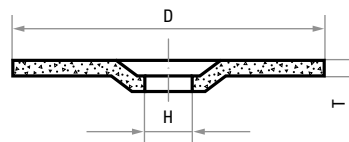
the particles break off due to wear, new, sharp abrasive particles are immediately exposed. Thanks to this self-sharpening effect, the grinding discs achieve outstanding tool lives.

AGGRESSIVE REMOVAL WITH LITTLE FINISHING WORK

Hard materials like Inox and steel can be machined with high productivity with the ceramic grain. In the process, the tool achieves an impressive surface quality for grinding discs – allowing you to get the desired finish quickly. Thanks to its long tool life based on the self-sharpening effect, the LUKAS ceramic grinding disc is also economical.



- extremely hard and sharp for an impressively long tool life
- energy optimised for the highest performance angle grinders
- little force required
- cool removal



Ceramic grinding disc **NEW**



★★★

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS008321V9802	T27 115x7.0	CER 30Q-BF Inox	115	7.0	22.23	13,300	25
AS008322V9802	T27 125x7.0	CER 30Q-BF Inox	125	7.0	22.23	12,200	25
AS008324V9802	T27 180x7.0	CER 30Q-BF Inox	180	7.0	22.23	8,500	25
AS008325V9802	T27 230x7.0	CER 30Q-BF Inox	230	7.0	22.23	6,600	25

Recommended for: ● Inox/Steel ● Steel ● Titanium



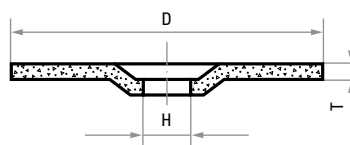
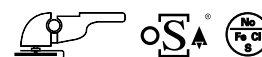
LUKAS GRINDING DISCS IN 3-STAR QUALITY

EXCELLENT QUALITY FOR TOP GRINDING PERFORMANCE

Thanks to innovative press technology and the highest quality raw materials, 3-star LUKAS grinding discs achieve the ultimate results. The minimum wear of 3-star quality noticeably reduces odours and dust, thus improving working conditions. Energy and ergonomically optimised for powerful machines, 3-star grinding discs make work quicker and easier. A high-strength fibreglass fabric guarantees high lateral stability and safety. Eco-friendly production combined with first-class raw materials, optimised formulas and the state-of-the-art production processes provide for high quality and a maximum storage time.

- maximum tool life and grinding performance with innovative bonding technology
- high maximum speed at a cool grinding temperature
- low odour and dust levels in daily use
- ergonomic work position and maximum tool life without use of excessive force
- maximum shelf life with high levels of stability in quality owing to top quality raw materials
- energy optimised for your high performance angle grinders
- environmentally friendly manufacturing process using up-to-date manufacturing processes and optimised formulas
- perfect for a wide variety of Inox and steel materials

Grinding disc for machining stainless steel



- perfectly suited for grinding a wide variety of stainless steel and steel materials
- free of iron, chlorine and sulphur
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little use of force

★★★

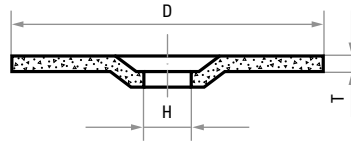
Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS013491V9802	T27 115x7.0	A24U-BF Inox	115	7.0	22.23	13,300	10
AS013492V9802	T27 125x7.0	A24U-BF Inox	125	7.0	22.23	12,200	10
AS013496V9802	T27 230x7.0	A24U-BF Inox	230	7.0	22.23	6,600	10

Recommended for: ● Inox/Steel ● Steel ● Aluminium



Grinding disc for machining stainless steel

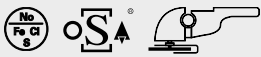
- perfectly suited for grinding a wide variety of stainless steel and steel materials
- free of iron, chlorine and sulphur
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows ergonomical working with little use of force



★★☆

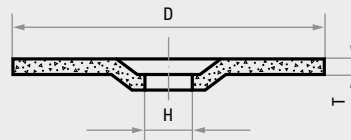
Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS003100V9802	T27 115x6.0	A24X-BF Inox	115	6.0	22.23	13,300	10
AS003101V9802	T27 125x6.0	A24X-BF Inox	125	6.0	22.23	12,200	10
AS003103V9802	T27 180x6.0	A24X-BF Inox	180	6.0	22.23	8,500	10
AS003104V9802	T27 230x6.0	A24X-BF Inox	230	6.0	22.23	6,600	10

Recommended for: ● Inox/Steel ● Steel ● Aluminium



Grinding disc for machining stainless steel

- perfectly suited for grinding a wide variety of stainless steel and steel materials
- free of iron, chlorine and sulphur
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little use of force



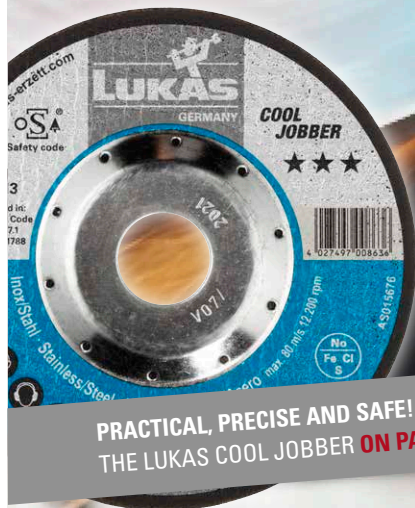
★★☆

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS002037V9802	T27 100x6.0	A24/30S-BF Inox	100	6.0	16.00	15,300	10
AS000105V980201	T27 115x6.0	A24/30S-BF Inox	115	6.0	22.23	13,300	10
AS000106V980201	T27 125x6.0	A24/30S-BF Inox	125	6.0	22.23	12,200	10
AS000107V9802	T27 150x6.0	A24/30S-BF Inox	150	6.0	22.23	10,200	10
AS000108V9802	T27 180x6.0	A24/30S-BF Inox	180	6.0	22.23	8,500	10
AS000109V9802	T27 230x6.0	A24/30S-BF Inox	230	6.0	22.23	6,600	10

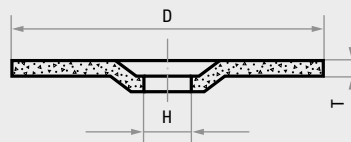
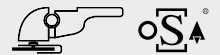
Recommended for: ● Inox/Steel ● Steel

TWO WORK STEPS WITH ONE TOOL

CUTTING AND GRINDING WITHOUT CHANGING TOOLS: THE COOL JOBBER FROM LUKAS



Grinding disc for machining steel



- optimised for precise machining of steel
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little use of force

★★★

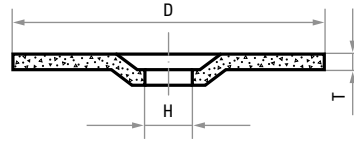
Product number	Description	Quality	D mm	T mm	H mm	n_{max} rpm	Pack contains
AS012451V9802	T27 115x7.0	A24X-BF Steel	115	7.0	22.23	13,300	10
AS012453V9802	T27 125x7.0	A24X-BF Steel	125	7.0	22.23	12,200	10
AS012466V9802	T27 180x7.0	A24X-BF Steel	180	7.0	22.23	8,500	10
AS012468V9802	T27 230x7.0	A24X-BF Steel	230	7.0	22.23	6,600	10

Recommended for: ● Steel



Grinding disc for machining steel

- cut steel with ease
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little use of force



★★☆

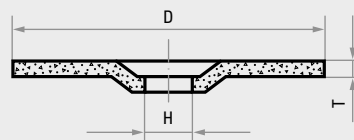
Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS001679V9802	T27 115x6.0	A24/30T-BF Steel	115	6.0	22.23	13,300	10
AS001710V9802	T27 125x6.0	A24/30T-BF Steel	125	6.0	22.23	12,200	10
AS001811V9802	T27 230x6.0	A24/30T-BF Steel	230	6.0	22.23	6,600	10

Recommended for: ● Steel



Grinding disc for machining steel

- designed for easy machining of steel
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little use of force



★★☆

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS000667V9802	T27 115x6.0	A24/30S-BF Steel	115	6.0	22.23	13,300	10
AS000690V9802	T27 125x4.0	A24/30S-BF Steel	125	4.0	22.23	12,200	10
AS000692V9802	T27 125x6.0	A24/30S-BF Steel	125	6.0	22.23	12,200	10
AS000712V9802	T27 150x6.0	A24/30S-BF Steel	150	6.0	22.23	10,200	10
AS000737V9802	T27 180x7.0	A24/30S-BF Steel	180	7.0	22.23	8,500	10
AS000762V9802	T27 230x6.0	A24/30S-BF Steel	230	6.0	22.23	6,600	10

Recommended for: ● Steel

MACHINE SOFT LIGHT METALS TROUBLE-FREE

DESIGNED FOR PERFECTLY MACHINING ALUMINIUM

Aluminium and other non-ferrous metals are difficult to machine – especially because they are so soft. The LUKAS grinding disc for aluminium and non-ferrous metals machines light and non-ferrous metals without interruption.

GRINDING ALUMINIUM WITHOUT “SMEARING”

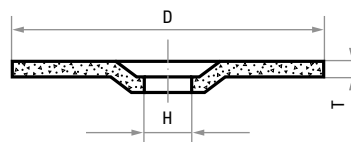
The major advantage of this grinding disc is that the "smearing" effect can be avoided. When machining pure aluminium and soft alloys, soft chips can stick to the aluminium edges if the tool is not designed specifically for this purpose. However, LUKAS grinding discs were developed and tested for aluminium. The special combination of abrasive grain and bonding agent is a reliable means to prevent this undesirable effect.

CAN BE USED ON STANDARD MACHINES

This tool can be used on standard angle grinders and is available in different sizes. This allows for light metals to be machined easily and above all with a high level of productivity.



NEW Grinding disc for machining non-ferrous metals



- for perfectly machining aluminium and non-ferrous metals
- no clogging or smearing
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for economical working with little use of force

★★★

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AS001708V9802	T27 125x7.0	A24N-BF Alu	125	7.0	22.23	12,200	10

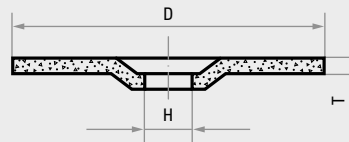
Recommended for: ● Aluminium

FLEXIBLY GRIND A WIDE RANGE OF BUILDING MATERIALS

ULTIMATE FLEXIBILITY FOR TRADESPEOPLE AND CONSTRUCTION WORKERS



- for universal use
- for use on construction sites
- preferable to diamond cutting discs thanks to its excellent value for money and high speed
- low odour and dust levels in daily use
- allows for ergonomic working with little use of force



Grinding disc for machining stone **NEW**



★★☆

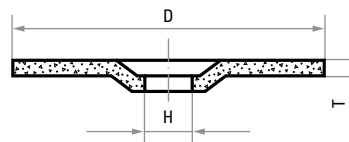
Product number	Description	Quality	D mm	T mm	H mm	n max rpm	Pack contains
AS115060V980201	T27 115x6.0	C24R-BF Stone	115	6.0	22.23	13,300	10
AS125060V980201	T27 125x6.0	C24R-BF Stone	125	6.0	22.23	12,200	10
AS000320V9802	T27 180x6.0	C24R-BF Stone	180	6.0	22.23	8,500	10
AS180080V980201	T27 180x8.0	C24R-BF Stone	180	8.0	22.23	8,500	10

Recommended for: ● Stone ● Cast material

ROUGH GRINDING



- for quickly and reliably machining castings with inclusions and surface defects
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomic working with little use of force



Grinding disc for machining cast material



★★☆

Product number	Description	Quality	D mm	T mm	H mm	n max rpm	Pack contains
AS001711V9802	T27 125x6.0	ZA24R-BF Cast	125	6.0	22.23	12,200	10
AS001773V9802	T27 180x6.0	ZA24R-BF Cast	180	6.0	22.23	8,500	10
AS001812V980201	T27 230x6.0	ZA24R-BF Cast	230	6.0	22.23	6,600	10

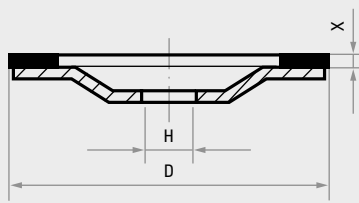
Recommended for: ● Cast material



THE DIAMOND CUP WHEEL FOR UNIVERSAL USE

EFFICIENT AND FLEXIBLE GRINDING OF BUILDING MATERIALS

S6 diamond cup wheel



- excellent value for money
- optimised segment arrangement for high grinding performance and clean surfaces
- well suited for: concrete products, building materials (brick, masonry, roof tiles, gas concrete, pumice)
- also suitable for: reinforced concrete, exposed aggregate concrete, dense sand-lime, refractory brick and screed

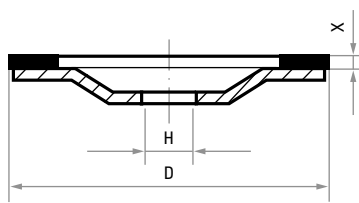
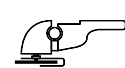
★★★

Product number	Description	D mm	Segment height X mm	H mm	n _{max} rpm	Pack contains
A344431151506053	DST S6	115	6	22.23	13,300	1
A344431251506053	DST S6	125	6	22.23	12,200	1
A344431801506053	DST S6	180	6	22.23	8,500	1

Recommended for: ● Stone

ROUGH GRINDING

S5 diamond cup wheel



- the inexpensive cup wheel for many different applications
- suitable for concrete products, building materials (brick, masonry, roof tiles, gas concrete, pumice) and dense sand-lime brick

★★★

Product number	Description	D mm	Segment height X mm	H mm	n _{max} rpm	Pack contains
A345531151607185	DST S5	115	5	22.23	13,300	1
A345531251607185	DST S5	125	5	22.23	12,200	1

Recommended for: ● Stone

FROM ANIMAL HOOVES TO MACHINING STONE

TUNGSTEN CARBIDE GRANULATE-TIPPED DISCS FOR A WIDE VARIETY OF APPLICATIONS

Tungsten carbide granulate-tipped tools (HGWT) from LUKAS are available in grit sequences from very coarse to extra fine with dense and open coating. Simply find the grit you require in the illustration below.



APPLICATIONS

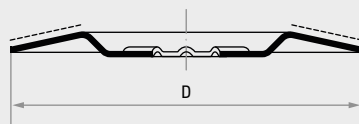
Coarse grit is suitable for machining soft materials. **The harder the material, the finer the required grit.** The LUKAS tungsten carbide granulate-tipped flap disc can be used for many applications. It can be used to roughen rubber (e.g. when repairing conveyor belts), remove residues from cladding or to clean the hooves of horses and cows. It can also be used on glass, ceramic and stone.

The grit of the granulate-tipped disc ranges from extra fine to very coarse, meaning you have the right tool for every application. In addition to the standard products offering, the LUKAS tungsten carbide granulate-tipped disc can be specially coated to meet your needs.



HWGT tungsten carbide granulate-tipped disc

- extremely versatile grinding tool
- perfect as a hoof disc for grinding animal hooves
- also suitable for machining glass, ceramic and stone



Product number	Description	Grit	Shape	Type	D mm	Bore mm	n _{max} rpm	Pack contains
A18031152E	HGWT 115 S	0.8 – 1.2 E		dished	115	22.2	10,500	1
A18031153E	HGWT 115 S	1.2 – 1.8 E		dished	115	22.2	10,500	1
A18031255E	HGWT 125 S	2.5 – 3.0 E		flat	125	22.2	9,600	1

Recommended for: ● Stone/Construction material ● Plastic/Wood



CLEANING

- 7.1 Coarse fleece 287/288
- 7.2 Brushes 289–295
- 7.3 Rolls and sheets 296–298

CLEANING

GENERAL INFORMATION AND PRODUCT INFORMATION

LUKAS BRUSHES, FLEECE AND ABRASIVE CLOTH – ALL YOU NEED FOR CLEANING AND MORE

No matter whether you want to remove wood, car paint or concrete residue or prepare, roughen, derust, debur, clean, polish or texture a wide variety of materials like aluminium, stainless steel, cast material, steel or titanium, at LUKAS you will find the right tool to suit your application. From abrasive paper to cleaning fleece and wire brushes in a wide range of shapes and types, LUKAS offers you the right cleaning tool for construction sites, production lines or your DIY workshop at home.

MACHINE-POWERED CLEANING TOOLS

LUKAS cleaning tools can be used with standard power tools. For instance, you can use the wheel brushes on angle grinders or wire brushes on drilling machines and cordless screwdrivers. The shank dimensions make it easy to fit the brushes into commercially available drilling machines.

LUKAS end brushes let you easily clean even the most inaccessible areas. Depending on the required thickness and elasticity, they are available in both twist-knotted and crimped types.

TOOLS FOR MANUAL USE

In addition to hand wire brushes for cleaning surfaces or finishing weld seams, LUKAS also offers abrasive fleece and paper, both of which are ideal for manually removing old paint from both wood and metal or for cleaning stainless steel. LUKAS abrasive fleece is available in rolls or pads that are perfect for manual use.

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:

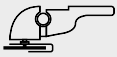
- removing paint and adhesive residue
- removing cement and concrete residue
- removing rust, cleaning and polishing a wide variety of surface materials
- graining and cleaning wood
- rust removal and cleaning jobs (e.g. barnacles on boats and ships)
- cleaning car undersides, various vehicle coachbuilding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

PROPERTIES

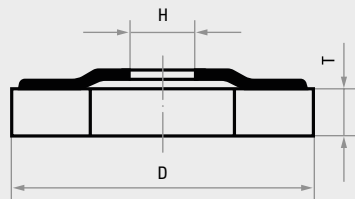
- low heat generation
- operation at low grinding pressure possible
- no clogging
- no damage to workpieces

SAFETY ADVICE

Please adhere to our recommended, never-exceed cutting 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



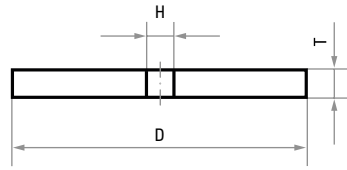
★★☆

Product number	Description	D mm	T mm	H mm	n recomm. rpm	n max. rpm	Pack contains
A270111500114	ASVT 115	115	13	22.23	5,300	10,500	10
A270112500114	ASVT 125	125	13	22.23	4,900	9,600	10

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

ALSO TRY LUKAS AS CLEANING FLEECE WITH A PRACTICAL PLASTIC THREAD FOR FAST TOOL CHANGING ON **PAGE 227**

ASVS grinding disc



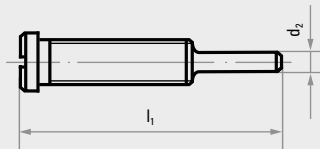
- grinding disc for flexible shaft grinders or drilling machines
- the all-rounder for removing paint and adhesive residue, as well as rust removal, cleaning and polishing a wide variety of surface materials
- made of resilient materials for a long service life, high removal performance and fast operation
- requires only a low grinding pressure

★★☆

Product number	Description	D mm	T mm	H mm	n recomm. rpm	n max. rpm	Matching mounting arbor	Pack contains
A22900601201	ASVS 060	60	13	13	8,000	9,500	ASB 06	10
A22901001201	ASVS 100	100	13	13	5,000	5,700	ASB 06	10
A22901251201	ASVS 125	125	13	13	4,000	4,500	ASB 08	10
A22901501201	ASVS 150	150	13	13	3,000	3,800	ASB 08	10

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

ASB mounting arbor



- mounting arbor for ASVS grinding discs
- perfect dimensional stability: fits optimally into the power tool
- stainless thanks to zinc-nickel coating
- supplied with spring washers and nuts

★★☆

Product number	Description	Thread	d ₂ mm	l ₁ mm	Pack contains
A1610021007301	ASB 06	M12	6	60	1
A1610021007302	ASB 08	M12	8	60	1

GENERAL INFORMATION AND PRODUCT INFORMATION

LUKAS high-quality technical brushes**FILAMENT QUALITY****High quality steel wire**

We use high-quality steel wire with high tensile strength, which ensures an exceptionally long and economical tool life.

Stainless steel wire

This wire is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.

Abrasive impregnated nylon filaments

Abrasive impregnated nylon filaments are very flexible and optimally follow the contour of the workpiece without being too aggressive. During use, new abrasive grains are constantly exposed, thus achieving a consistent performance and long tool life.

TYPES

We supply brushes in both wire qualities with crimped or twist-knotted filaments. Compared to crimped types, brushes with twist-knotted steel wire generally offer a longer tool life and more rugged abrasive performance and are thus suited for extreme requirements. We also supply brushes in high quality crimped steel wire embedded in a resin bond, thus enhancing their performance. These brushes are ideally suited for achieving uniform surfaces and precise edges.

APPLICATIONS

A wide range of jobs can be performed with steel wire brushes. Here are just a few examples: deburring, descaling, derusting, surface cleaning, roughening and paint stripping. Brushes with abrasive impregnated nylon filaments are perfect for removing stains on metal surfaces, graining soft wood, car body repair jobs, stripping off paint residues etc.

WORKING MODE AND POWER TOOLS

Technical brushes are flexible tools that follow the contours of the workpiece. In order to achieve best results, only the tip of the filament should be in contact with the workpiece. Elasticity of the brush depends on the exposed length of the filaments, and in the case of steel wire brushes, on the wire thickness. Brushes with very long filaments are very flexible and should only be used with low pressure. Excessive pressure reduces the life of the brush and results in premature wearing. Technical brushes can be used on stationary and handheld power tools.

OPERATING SPEEDS

Steel wire brushes have a harder effect at higher speeds and a softer effect at low speeds. We recommend the following operating speeds for crimped types to achieve the desired results:

- Machining steel: approx. 30 m/s
- Machining non-ferrous metals: approx. 18 – 20 m/s
- Machining plastic: approx. 15 m/s

Higher operating speeds can be selected for twist knotted types e.g.:

- Machining steel: approx. 40 m/s

Brushes made from nylon filaments achieve best results at operating speeds of 18 to 22 m/s, depending on the material to be machined.

SAFETY ADVICE

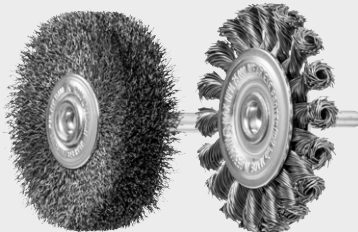
Technical brushes are manufactured according to a rigorous quality control (according to EN 1083-2). However, it is always advisable to wear safety clothing when working with technical brushes.



FLEXIBLE MACHINING OF THE MOST COMPLEX CONTOURS

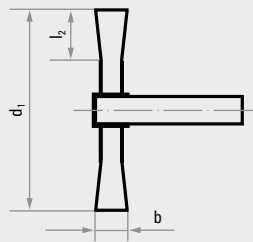
CLEANING METAL SURFACES WITH LUKAS HIGH QUALITY STEEL WIRE

BS wheel brush with shank



crimped

knotted



- follow the contours of every workpiece thanks to their flexibility
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.
- perfect dimensional stability: fits optimally into power tools
- shank diameter: 6 mm

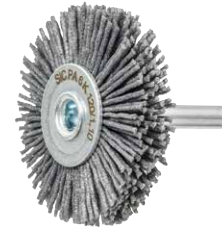
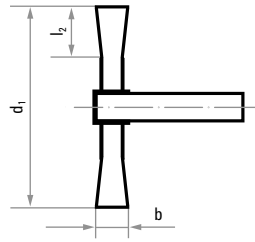
★★☆

Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
A35010401011	BSSW 04010	steel	crimped	40	10	9	0.2	18,000	10
A350005026	BSSW 05010	steel	crimped	50	10	12	0.2	15,000	10
A350105014111	BSSW 05014	steel	crimped	50	14	12	0.2	15,000	10
A350006036	BSSW 06018	steel	crimped	60	16	12	0.2	15,000	10
A350106018113	BSSW 06018	steel	crimped	60	19	17	0.3	15,000	10
A350007036	BSSW 07018	steel	crimped	70	16	19	0.2	15,000	10
A350107018113	BSSW 07018	steel	crimped	70	16	19	0.3	15,000	10
A350107508135	BSSZ 07508	steel	knotted	75	12	15	0.5	25,000	10
Recommended for: ● Steel ● Cast material ● Plastic/Wood									
A350107508235	BSVZ 07508	stainless	knotted	75	12	15	0.5	25,000	10
A351004036	BSVW 04011	stainless	crimped	40	11	9	0.2	18,000	10
A350105014211	BSVW 05014	stainless	crimped	50	14	12	0.2	15,000	10
A351006036	BSVW 06018	stainless	crimped	60	16	17	0.2	15,000	10
A350107018213	BSVW 07018	stainless	crimped	70	16	19	0.3	15,000	10
A351007036	BSVW 07018	stainless	crimped	70	16	19	0.2	15,000	10
Recommended for: ● Inox/Steel ● Steel ● Titanium									



BSN wheel brush

- highly flexible tool with abrasive impregnated nylon filaments
- exactly follows the contours of your workpiece
- moderately aggressive action on surfaces
- achieves an even abrasive performance and long tool life
- shank diameter: 6 mm



★★☆

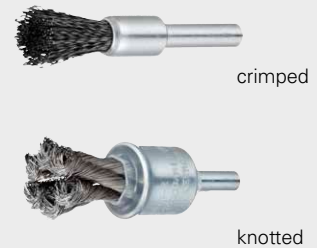
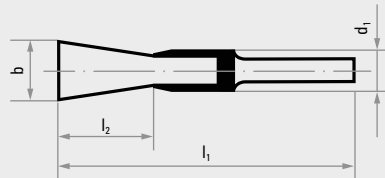
Product number	Description	Type	d ₁ mm	b mm	l ₂ mm	n _{max} rpm	Pack contains
A350105010048	BSNG 05010	coarse	50	10	12	15,000	10
A350105010049	BSNF 05010	fine	50	10	12	15,000	10
A350107012048	BSNG 07012	coarse	70	12	20	15,000	10
A350107012049	BSNF 07012	fine	70	12	20	15,000	10
A350110007048	BSNG 10007	coarse	100	8	22	4,500	10
A350110008050	BSNF 10008	fine	100	8	22	4,500	10

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



BP end brush

- flexibly withstands the toughest challenges
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.
- shank diameter: 6 mm



crimped

knotted

★★☆

Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	l ₁ mm	Wire Ø mm	n _{max} rpm	Pack contains
A350101006	BPSW 01020	steel	crimped	10	10	20	60	0.3	20,000	10
A350101506	BPSW 01725	steel	crimped	16	17	22	65	0.3	20,000	10
A350502029134	BPSZ 02029	steel	knotted	19	20	28	72	0.35	20,000	10
A350102206	BPSW 02525	steel	crimped	22	25	25	68	0.3	18,000	10
A350502329134	BPSZ 02329	steel	knotted	22	23	28	72	0.35	20,000	10
A350102806	BPSW 03025	steel	crimped	29	30	25	68	0.3	18,000	10

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

A351101006	BPVW 01020	stainless	crimped	10	10	20	60	0.3	20,000	10
A351101506	BPVW 01725	stainless	crimped	16	17	22	65	0.3	20,000	10
A350502029232	BPVZ 02029	stainless	knotted	19	20	28	72	0.25	20,000	10
A351102206	BPVW 02525	stainless	crimped	22	25	25	68	0.3	18,000	10
A351102806	BPVW 03025	stainless	crimped	29	30	25	68	0.3	18,000	10

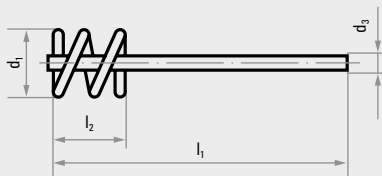
Recommended for: ● Inox/Steel ● Steel ● Titanium

EASILY DEBURR EVEN SMALL BORES

LUKAS PIPE BRUSHES WITH STEEL WIRE OR NYLON FILAMENTS



RBSD pipe brush



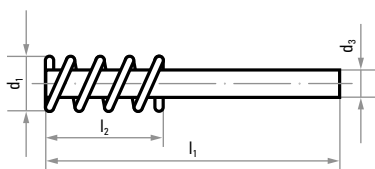
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- brush with steel wire filaments
- deburring of bores, cross-holes and O-ring grooves
- polishing and cleaning of nozzles, small and threaded bores

Product number	Description	Material	Type	d ₁ mm	l ₂ mm	d ₃ mm	l ₁ mm	Wire Ø mm	n _{max} rpm	Pack contains
A359901025	RBSD 1025	steel	crimped	10	25	3.8	90	0.12	2,000	10
A359901325	RBSD 1325	steel	crimped	13	25	3.8	90	0.12	2,000	10
A359901625	RBSD 1625	steel	crimped	16	25	3.8	90	0.12	2,000	10
A359902525	RBSD 2525	steel	crimped	25	25	3.8	90	0.2	2,000	10

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

RBSN pipe brush



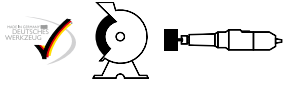
★★☆

- brush with abrasive nylon and silicon carbide filaments
- deburring of bores, cross-holes and O-ring grooves
- polishing and cleaning of nozzles, small and threaded bores

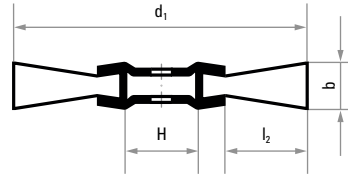
Product number	Description	Material	d ₁ mm	l ₂ mm	d ₃ mm	l ₁ mm	Wire Ø mm	n _{max} rpm	Pack contains
A359901065120	RBSN 1065	C 120	10	65	3.7	125	0.6	2,000	10
A359901365120	RBSN 1365	C 120	13	65	3.7	125	0.6	2,000	10
A359901665120	RBSN 1665	C 120	16	65	5.2	125	0.6	2,000	10
A359902565120	RBSN 2565	C 120	25	65	5.5	125	0.6	2,000	10

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

BR wheel brush, crimped



All crimped wheel brushes are supplied with adapter sets for mounting on all standard grinding machines.



The following bores can be accommodated:

- brushes with a bore diameter of H 40 mm: 40 mm, 32 mm, 1", 22.23 mm, 20 mm, 16 mm, 1/2"
- brushes with a bore diameter of H 50 mm: 50 mm, 32 mm, 1", 22.23 mm, 20 mm, 16 mm, 1/2"

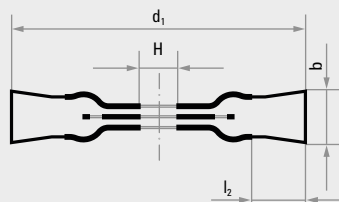
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Product number	Description	Material	Type	d ₁ mm	b mm	H mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
A350315022114	BRSW 15022	steel	crimped	150	22	40	33	0.35	6,000	1
A350320024114	BRSW 20024	steel	crimped	200	24	50	48	0.35	6,000	1
Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Cast material										
A350315023213	BRVW 15023	stainless	crimped	150	23	50	33	0.3	6,000	1
Recommended for: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input type="radio"/> Titanium										

BR wheel brush, knotted



- designed for extreme brush requirements
- can be used on commercially available angle grinders
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.



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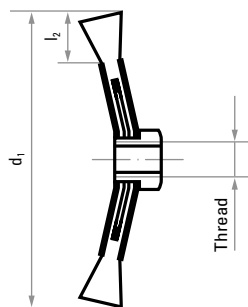
Product number	Description	Material	Type	d ₁ mm	b mm	H mm	l ₂ mm	Wire Ø mm	n _{max} rpm	Pack contains
A350211512135	BRSZ 11512	steel	knotted	115	14	22.23	20	0.5	12,500	1
A350312514135	BRSZ 12514	steel	knotted	125	14	22.23	20	0.5	12,500	1
A350317814135	BRSZ 17814	steel	knotted	178	14	22.23	32	0.5	9,000	1
Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Cast material										
A350211512234	BRVZ 11512	stainless	knotted	115	14	22.23	20	0.35	12,500	1
A350312514235	BRVZ 12514	stainless	knotted	125	14	22.23	20	0.5	12,500	1
Recommended for: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input type="radio"/> Titanium										

BK conical brush



crimped

knotted

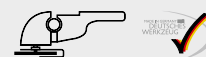


- with practical M14 thread
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.

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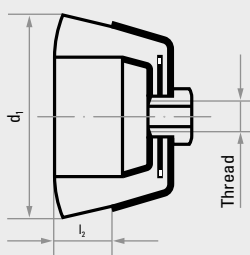
Product number	Description	Material	Type	d ₁ mm	b mm	l ₂ mm	Thread	Wire Ø mm	n _{max} rpm	Pack contains
A350610012114	BKSW 10012	steel	crimped	100	10	20	M14	0.35	12,500	1
A350610013135	BKSZ 10013	steel	knotted	100	13	20	M14	0.5	12,500	1
Recommended for: ● Steel ● Cast material										
A350610012213	BKVV 10012	stainless	crimped	100	10	20	M14	0.3	12,500	1
A350610013235	BKVZ 10013	stainless	knotted	100	13	20	M14	0.5	12,500	1
Recommended for: ● Inox/Steel ● Steel ● Titanium										

BTG cup brush



crimped

knotted



- with practical M14 thread
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.

★★☆

Product number	Description	Material	Type	d ₁ mm	l ₂ mm	Thread	Wire Ø mm	n _{max} rpm	Pack contains
A350406020114	BTSW 06020 G	steel	crimped	60	20	M14	0.35	12,000	1
A350406520135	BTSZ 06520 G	steel	knotted	65	20	M14	0.5	12,500	1
A350408020135	BTSZ 08020 G	steel	knotted	80	20	M14	0.5	9,000	1
A350408025114	BTSW 08025 G	steel	crimped	80	25	M14	0.35	8,500	1
A350410030114	BTSW 10030 G	steel	crimped	100	30	M14	0.35	9,000	1
Recommended for: ● Steel ● Cast material									
A350406021213	BTWV 06021 G	stainless	crimped	60	20	M14	0.3	12,000	1
A350406520234	BTVZ 06520 G	stainless	knotted	65	20	M14	0.35	12,500	1
Recommended for: ● Inox/Steel ● Steel ● Titanium									

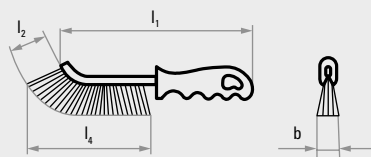
FLEXIBLE HAND BRUSH FOR UNIVERSAL USE

FOLLOWS EVERY CONTOUR FROM COOKING GRATES TO COMPLEX WORKPIECES



BHU, hand brushes for universal use

- for universal use
- follow the contours of every workpiece thanks to their flexibility
- perform a wide variety of manual jobs such as deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium and other non-ferrous metals.



steel



stainless

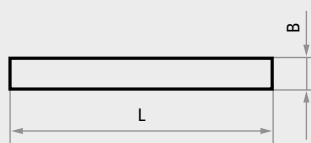
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Product number	Description	Material	b mm	l ₂ mm	l ₁ mm	l ₄ mm	Wire Ø mm	Pack contains
A350726525113	BHUS 26528	steel	15	28	265	130	0.35	1
Recommended for: ● Steel ● Cast material								
A350726525213	BHUV 26525	stainless	15	28	265	130	0.3	1
Recommended for: ● Inox/Steel ● Steel ● Titanium								

FLEXIBLE REWORKING

LUKAS ECONOMY ROLLS WITH REGULAR ALUMINIUM OXIDE FOR EVERY CONTOUR

SPR 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	Grit	Width B mm	Length L m	Pack contains
A3821025040	SPR 025	NK 40	25	50	1
A3821025060	SPR 025	NK 60	25	50	1
A3821025080	SPR 025	NK 80	25	50	1
A3821025100	SPR 025	NK 100	25	50	1
A3821025120	SPR 025	NK 120	25	50	1
A3821025150	SPR 025	NK 150	25	50	1
A3821025180	SPR 025	NK 180	25	50	1
A3821025240	SPR 025	NK 240	25	50	1
A3821025320	SPR 025	NK 320	25	50	1
A3821025400	SPR 025	NK 400	25	50	1
A3821040040	SPR 040	NK 40	40	50	1
A3821040060	SPR 040	NK 60	40	50	1
A3821040080	SPR 040	NK 80	40	50	1
A3821040100	SPR 040	NK 100	40	50	1
A3821040120	SPR 040	NK 120	40	50	1
A3821040150	SPR 040	NK 150	40	50	1
A3821040180	SPR 040	NK 180	40	50	1
A3821040240	SPR 040	NK 240	40	50	1
A3821040320	SPR 040	NK 320	40	50	1
A3821040400	SPR 040	NK 400	40	50	1

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

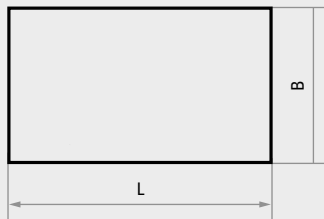


PERFECT SURFACES

USE LUKAS SHEETS OF ABRASIVE CLOTH FOR MANUAL OPTIMISATION



SLB sheets of abrasive cloth



- for practical manual reworking
- LUKAS sheets of abrasive cloth with their excellent grinding properties help you to optimise manual grinding tasks.

★★☆

Product number	Description	Grit	Width B mm	Length L m	Pack contains
A3825230280040	SLB 230280	NK 40	230	280	50
A3825230280060	SLB 230280	NK 60	230	280	50
A3825230280080	SLB 230280	NK 80	230	280	50
A3825230280100	SLB 230280	NK 100	230	280	50
A3825230280120	SLB 230280	NK 120	230	280	50
A3825230280150	SLB 230280	NK 150	230	280	50
A3825230280180	SLB 230280	NK 180	230	280	50
A3825230280220	SLB 230280	NK 220	230	280	50
A3825230280240	SLB 230280	NK 240	230	280	50
A3825230280320	SLB 230280	NK 320	230	280	50
A3825230280400	SLB 230280	NK 400	230	280	50
A3825230280999	SLB 230280	NK 1000	230	280	50

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

CLEANING

FROM MEDIUM TO ULTRA-FINE

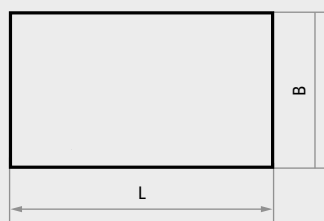
ACHIEVE THE DESIRED SURFACE QUALITY QUICKLY AND EASILY



SVB fleece pads



★★☆



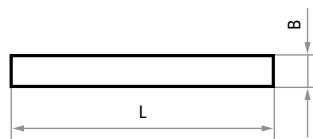
- for practical manual reworking
- LUKAS fleece pads are ideal for removing corrosion and surface staining and for cleaning, polishing and finishing all kinds of materials.

Product number	Description	Quality	Type	Width B mm	Length L m	Pack contains
A380115023011	SVB 150230	A Medium	red-brown	150	230	10
A380115023012	SVB 150230	A Fine	green	150	230	10
A380115023013	SVB 150230	A Very Fine	red-brown	150	230	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium						
A380115023024	SVB 150230	C Ultra Fine	grey	150	230	10
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium						

SVR fleece roll



★★☆



- 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	Quality	Type	Width B mm	Length L m	Pack contains
A382011501012	SVR 115	A Fine	green	115	10	1
A382011501013	SVR 115	A Very Fine	red-brown	115	10	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium						
A382011501024	SVR 115	C Ultra Fine	grey	115	10	1
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium						



POWER TOOLS

POWER TOOLS

TECHNICAL INFORMATION

The most important product information at a glance

GENERAL

Our pneumatic power tools are characterised by high performance and low air consumption. The robust vane motors remain undamaged even when they stop under load.

The tools are fitted with a speed limiter, always keeping the idle speed within the specified tolerance. The service-friendly design allows wearing parts to be replaced quickly and easily.

COMPRESSED AIR SUPPLY

The motors operate at full power from a flow pressure of just 0.63 MPa (= 6.3 bar). We would be happy to advise you regarding the ideal specifications for the compressed air supply line. Please refer to the technical information for details about hose cross sections.

Air consumption (see machine data)	Connecting thread
0.05–0.5 m ³ /min	G 1/4"
0.15–0.9 m ³ /min	G 3/8"
0.5–1.5 m ³ /min	G 1/2"
0.8–6.0 m ³ /min	G 3/4"

VANE MOTOR LUBRICATION

A maintenance unit, comprising a water separator and an oiler, reliably protects the vane motors against wear, minimises the maintenance requirements, and prolongs their service life.

ERGONOMICS AND SAFETY

Vibration

To protect the operators, all of our power tools are tested and labelled in compliance with the current European Noise and Vibration Directive. The vibrations are recorded and calculated in three dimensions.

Ergonomics

Compared to electrical power tools, pneumatic motors offer greater performance at a lower weight. Thanks to their ergonomically shaped and insulated handles, the tools lie comfortably in the hand and won't tire the user.

Even difficult-to-access workpieces can be effortlessly machined using LUKAS pneumatic tools, as the spindle length, air outlet and valve design of many of the machine tools can be perfectly adapted to suit the user's requirements.

Safety

They can even be used in areas where there is a risk of explosion.

Quality

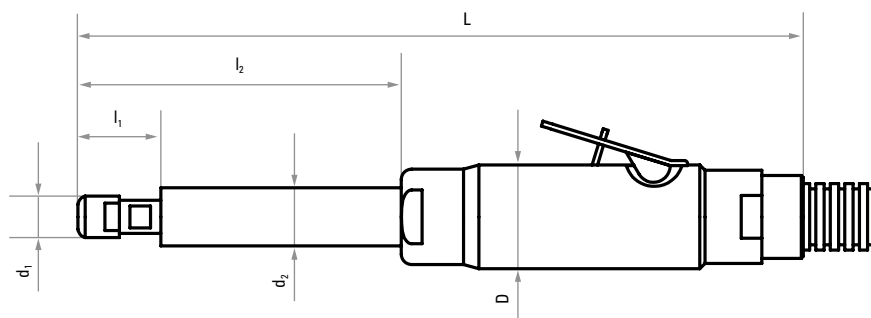
All of our power tools have a robust aluminium casing and are designed for use in harsh environments. The motors cannot overheat even when used continuously at maximum power. As part of our full quality control policy, all tools are subjected to speed and performance tests before they leave the factory.

Safety advice

Only tools that are suitable and approved in terms of safety for the peripheral speeds that can be attained with the respective machines may be used.

TECHNICAL INFORMATION

All LUKAS power tools at a glance



Power tool	Description	Speed rpm	Power kW	d_1 mm	l_1 mm	d_2 mm	l_2 mm	D mm	L mm	Page
Belt grinder, insulated	AMIN 30 BSH	30,000	0.300	19	28	h = 86		35	220	303
Straight grinder, insulated	AMIN 12-030 GD	12,000	0.300	16	26	-	-	35	195	304
	AMIN 15-030 GD	15,000	0.300	16	26	-	-	35	195	
	AMIN 12-030 GH	12,000	0.300	16	26	-	-	35	195	
Straight grinder with extension, insulated	AMIN 15-070 GH2L	15,300	0.700	24	35	24	440	46	630	305
Straight grinder, insulated	AMIN 19-100 GH	19,000	1.000	24	37	34	148	51	350	306
	AMIN 19-100 GHK	19,000	1.000	24	44	-	-	51	245	
Straight grinder, insulated	AMIN 20-030 GD	20,000	0.300	16	26	-	-	35	195	307
	AMIN 20-030 GH	20,000	0.300	16	26	-	-	35	195	
Straight grinder, insulated	AMIN 30-030 GD	30,000	0.300	14	16	-	-	36	190	308
	AMIN 30-030 GH	30,000	0.300	14	16	-	-	36	190	
Straight grinder, insulated	AMIN 32-027 GD	32,000	0.270	13	20	23	35	29	210	309
Straight grinder, insulated	AMIN 45-030 GD	45,000	0.300	14	16	-	-	36	190	310
	AMIN 45-030 GH	45,000	0.300	14	16	-	-	36	190	
Straight grinder, insulated	AMIN 55-011 GD	55,000	0.110	9	14	-	-	20	125	311
Straight grinder, insulated	AMIN 72-013 GD	72,000	0.130	10	15	-	-	29	165	312
Conditioning machine	ESM 1310 S	1,300-3,050	1,300	-	-	-	-	-	-	313

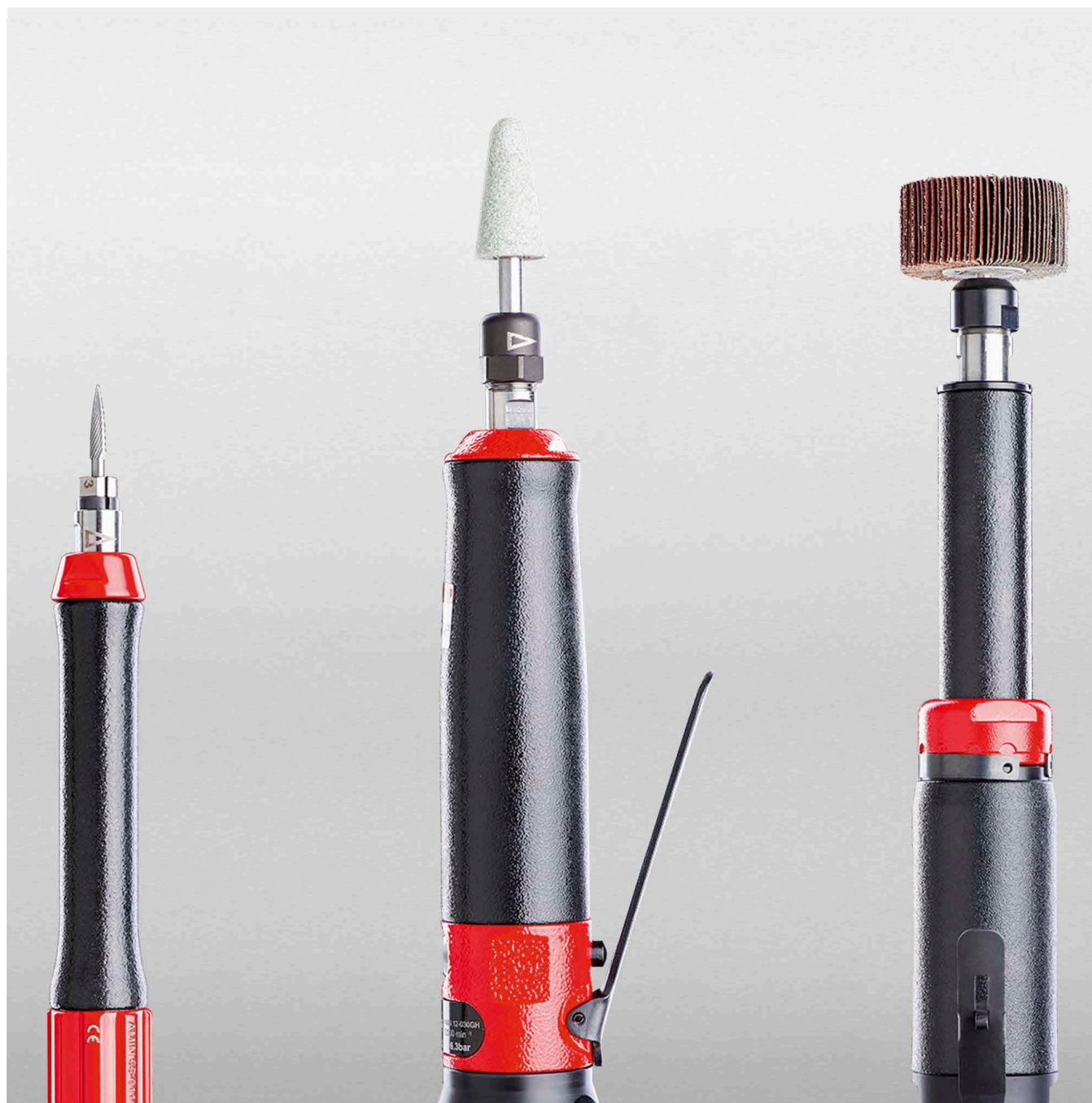
MADE TO TACKLE THE TOUGHEST CHALLENGES

PREMIUM-QUALITY POWER TOOLS FOR PREMIUM-QUALITY TOOLS

A range of LUKAS pneumatic grinders and LUKAS pneumatic tools is available so that you can use LUKAS tools in the most effective way. Our range of pneumatic grinders and pneumatic tools includes angle grinders (with turbine drive), belt grinders and a wide variety of straight grinders.

LUKAS pneumatic grinders and pneumatic tools are designed according to the most stringent quality requirements for withstanding extreme strain and to get the most out of LUKAS

top-performance tools. LUKAS power tools are characterised by their high performance and low air consumption during use. The robust vane motors achieve steadfast performance, even for harder cutting work. Even stopping under load won't damage them! Speed limiters keep the idle speed within the design tolerances. As an added benefit, replacing the wearing parts of LUKAS pneumatic grinders and pneumatic tools can be done quickly and easily.



Belt grinder, insulated

Included with the machine:

- clamping arm for long belts, size 13 x 305 mm
- air feed hose
- exhaust air hose with muffler
- collet 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"
- belt arms in various dimensions (lengths, widths and roll diameters) available from stock

Technical details:

- length: approx. 325 mm
- height: approx. 86 mm
- weight: approx. 0.90 kg
- drive type: vane motor

► Further technical details can be found on **page 301**.



Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m³/min	Abrasive belt peripheral speed m/s	Nominal hose size mm	Pack contains
A3993302113	AMIN 30 BSH	Lever	30,000	0.3	0.45	28	6	1



Suitable long belts are available from stock.

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

SBL finishing belt



Product number	Description	Grit	B mm	Length mm	Fabric	Pack contains
A3000130305060T	SBLT	NK 60	13	305	robustly flexible	100
A3000130305080T	SBLT	NK 80	13	305	robustly flexible	100
A3000130305120T	SBLT	NK 120	13	305	robustly flexible	100

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

Straight grinder, insulated



Technical details:

- length: approx. 175 mm
- casing diameter: 34.5 mm
- weight: approx. 0.90 kg
- drive type: vane motor, integrated speed control

► Further technical details can be found on **page 301**.

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"



Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101112	AMIN 12-030 GD	Twist	12,000	0.3	0.49	6	8	1
A3993102112	AMIN 12-030 GH	Lever	12,000	0.3	0.49	6	8	1
A3993101115003	AMIN 15-030 GD	Twist	15,000	0.3	0.52	6	8	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 12-030 GD/GH	Tungsten carbide burrs	up to Ø 20 mm	17–43
	HSS burrs	up to Ø 8 mm	48–55
	SFV/M mounted flap wheels	Ø 40 mm	175–180
	SFI mounted flap wheels	Ø 30 mm	172
	SFA mounted flap wheels	Ø 15 mm, 20 mm, 30 mm	173
	SBZY abrasive bands	up to Ø 30 mm	196–199, 201
	SBKE abrasive bands	up to Ø 36 mm	202
	SRZY/SRKE abrasive rolls	up to Ø 20 mm	206–208
	SK/SKS abrasive caps	up to Ø 21 mm	211–213
	SHKE abrasive sleeves	0885, 1385, 1885	205
	P1 polishing points	4020	101
	P2 polishing points	Ø 20 mm	104
	P5 polishing points	up to Ø 32 mm	113
AMIN 15-030 GD	Tungsten carbide burrs	up to Ø 16 mm	17–43
	HSS burrs	up to Ø 6 mm	48–53
	SFI mounted flap wheels	Ø 30 mm	172
	SFA mounted flap wheels	Ø 15 mm, 20 mm, 30 mm	173
	SBZY abrasive bands	up to Ø 25 mm	197–199
	SBKE abrasive bands	up to Ø 29 mm	202
	SRZY/SRKE abrasive rolls	up to Ø 20 mm	206–208
	SK/SKS abrasive caps	up to Ø 16 mm	211–213
SHKE abrasive sleeves	0885, 1385	205	



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



Straight grinder with spindle extension, insulated

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- two spindle extensions (each 200 mm long)
- collet 6 mm
- operating tool/spanner

Special accessories:

- spindle extension: 200 mm (max. spindle extensions up to 1200 mm)
- collets for Ø 8 mm, 9 mm, 3/16", 1/4", 5/16"

Technical details:

- length: approx. 615 mm (size incl. two spindle extensions)
- casing diameter: 47 mm
- weight: approx. 2.1 kg
- drive type: vane motor, integrated speed control

► Further technical details can be found on **page 301**.



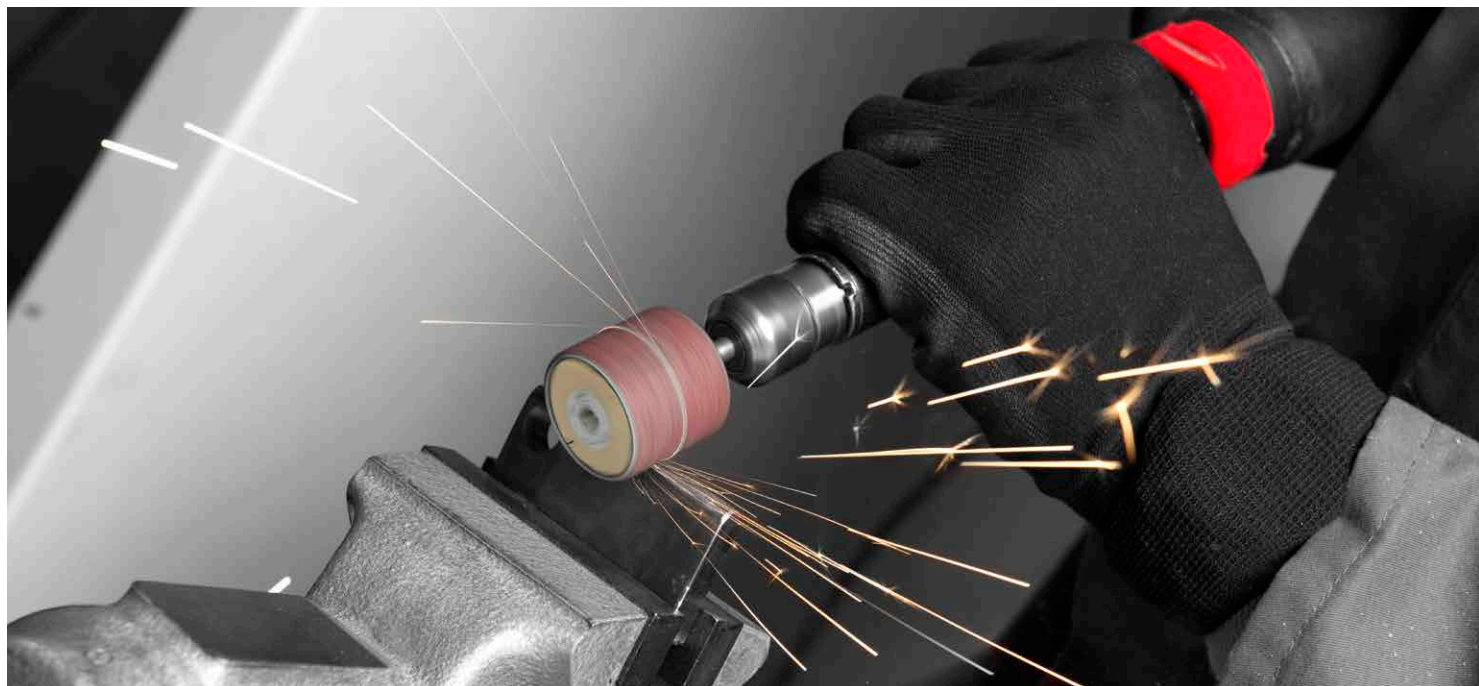
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Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993102115002	AMIN 15-070 GH2L	Lever	15,300	0.7	0.7	6	10	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 15-070 GH2L	SFL/SFB/SFT/SFE/SFC mounted flap wheels	up to Ø 40 mm	164–171
	SFI mounted flap wheels	Ø 30 mm	172
	SFA mounted flap wheels	Ø 15 mm, 20 mm, 30 mm	173
	SBZY spiral belts	up to Ø 25 mm	197–199
	SBKE spiral belts	up to Ø 29 mm	202
	SRZY/SRKE abrasive rolls	up to Ø 20 mm	206–208
	SK/SKS abrasive caps	up to Ø 16 mm	211–213
	SHKE abrasive sleeves	0885, 1385	205
	P1 polishing points	Ø 32 mm	101
	P2 polishing points	Ø 16 mm	104



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



Straight grinder, insulated



Technical details:

- length AMIN 19-100 GH: approx. 310 mm
- length AMIN 19-100 GHK: approx. 190 mm
- casing diameter: 52 mm
- weight GH: approx. 2.3 kg
- weight GHK: approx. 1.7 kg
- drive type: vane motor, integrated speed control

► Further technical details can be found on **page 301**.

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 8 mm, 9 mm, 3/16", 1/4", 5/16"

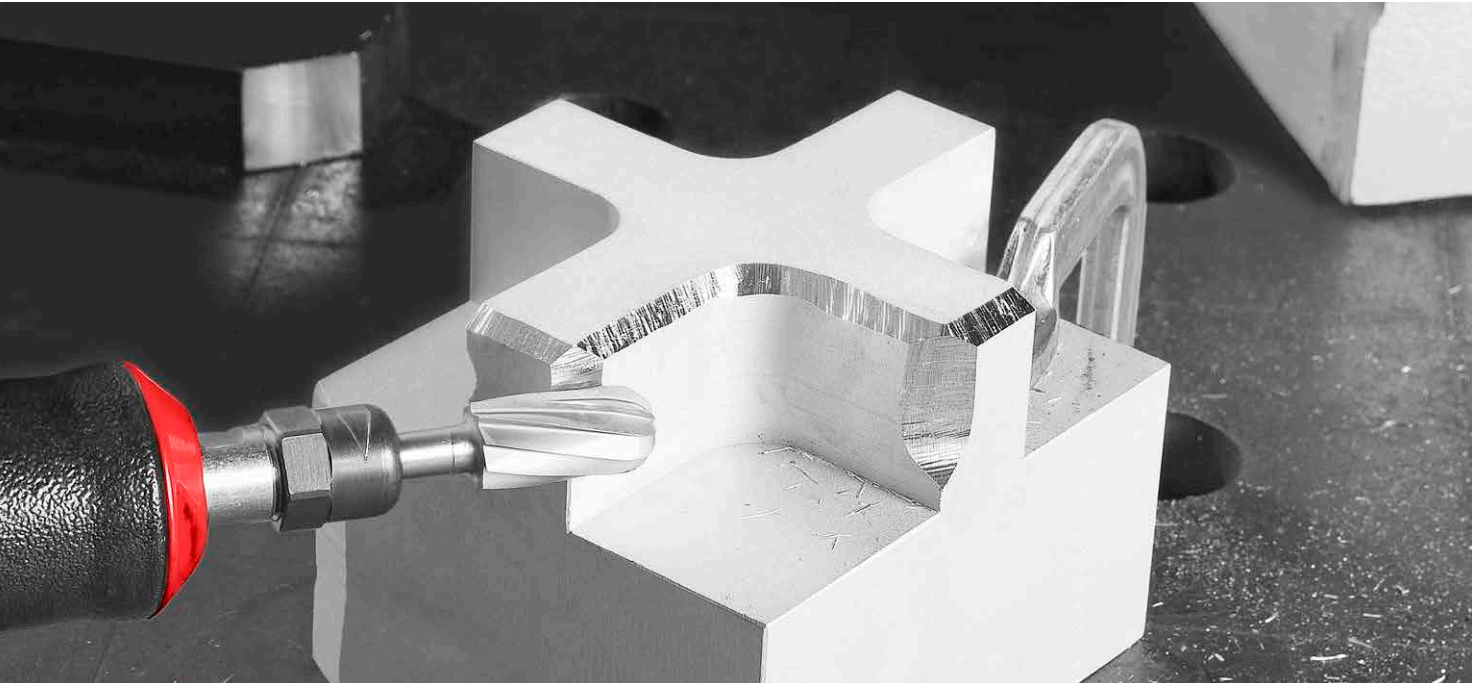
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Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993102119	AMIN 19-100 GH	Lever	19,000	1	1	6	12	1
A3993102119001	AMIN 19-100 GHK	Lever	19,000	1	1	6	12	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 19-100 GH/GHK	Tungsten carbide burrs	up to Ø 12 mm	17–43
	HSS burrs	up to Ø 4 mm	50–53
	Mounted points	up to Ø 50 mm	73–93
	P1 polishing points	up to Ø 50 mm	100–101
	P2 polishing points	up to Ø 12 mm	103–104
	P3 polishing points	up to Ø 10 mm	106–07
	P5 polishing points	up to Ø 50 mm	113
	P6 polishing points	up to Ø 16 mm	116–20
	SK/SKS abrasive caps	up to Ø 13 mm	211–214
	SRZY/SRKE abrasive rolls	up to Ø 13 mm	206–208
	SBZY abrasive bands	up to Ø 19 mm	197–198
SBKE abrasive bands	up to Ø 29 mm	202	



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



Straight grinder, insulated

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"

Technical details:

- length: approx. 175 mm
- casing diameter: 34.5 mm
- weight: approx. 0.90 kg
- drive type: vane motor, integrated speed control

► Further technical details can be found on **page 301**.



★★☆

Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101120	AMIN 20-030 GD	Twist	20,000	0.3	0.53	6	8	1
A3993102120	AMIN 20-030 GH	Lever	20,000	0.3	0.45	6	8	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 20-030 GD/GH	Tungsten carbide burrs	up to Ø 12 mm	17–43
	HSS burrs	up to Ø 4 mm	50–53
	SFL mounted flap wheels	Ø 20 mm	164–165
	SBZY abrasive bands	up to Ø 19 mm	197–198
	SBKE abrasive bands	up to Ø 29 mm	202
	SRZY/SRKE abrasive caps	up to Ø 13 mm	206–208
	SK/SKS abrasive caps	up to Ø 13 mm	211–214
	SHKE abrasive sleeves	Ø 885	265
	Mounted points, shank 6 mm	Ø 22 mm, 25 mm, 32 mm, 40 mm	73–93
	P2 polishing points	Ø 13 mm	103–104



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



Straight grinder, insulated



★★☆

Technical details:

- length: approx. 175 mm
- casing diameter: 34.5 mm
- weight: approx. 0.70 kg
- drive type: vane motor, integrated speed control

► Further technical details can be found on **page 301**.

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 3.25 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"

Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101130	AMIN 30-030 GD	Twist	30,000	0.3	0.45	6	6	1
A3993102130	AMIN 30-030 GH	Lever	30,000	0.3	0.45	6	6	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 30-030 GD/GH	Tungsten carbide burrs	up to Ø 8 mm	17–43
	HSS burrs	up to Ø 3 mm	50–52
	Mounted points	up to Ø 32 mm	73–93
	P1 polishing points	up to Ø 32 mm	100–101
	P2 polishing points	up to Ø 10 mm	103–104
	P3 polishing points	up to Ø 10 mm	106–107
	P5 polishing points	up to Ø 32 mm	113
	P6 polishing points	up to Ø 12 mm	120
	SK/SKS abrasive caps	up to Ø 10 mm	211–214
	SBZY abrasive bands	up to Ø 12 mm	198



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



Straight grinder, insulated

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 1/8", 1/4"

Technical details:


- length: approx. 206 mm
- casing diameter: approx. 30 mm
- spindle casing diameter: approx. 23 mm
- weight: approx. 0.40 kg
- drive type: vane motor
- frontal exhaust air (partial, can be shut off)

► Further technical details can be found on **page 301**.



Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101132	AMIN 32-027 GD	Twist	32,000	0.27	0.3	6	6	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 32-027 GD	Tungsten carbide burrs	up to Ø 8 mm	17–43
	HSS burrs	up to Ø 3 mm	50–52
	Mounted points	up to Ø 32 mm	73–93
	P1 polishing points	up to Ø 32 mm	100–101
	P2 polishing points	up to Ø 10 mm	103–104
	P3 polishing points	up to Ø 10 mm	106–107
	P5 polishing points	up to Ø 32 mm	113
	P6 polishing points	up to Ø 12 mm	120
	SK/SKS abrasive caps	up to Ø 10 mm	211–214
	SBZY abrasive bands	up to Ø 12 mm	198

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



Straight grinder, insulated



★★☆

Technical details:

- length: approx. 175 mm
- casing diameter: 34.5 mm
- weight: approx. 0.70 kg
- drive type: vane motor

► Further technical details can be found on **page 301**.

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 6 mm
- operating tool/spanner

Special accessories:

- collets for Ø 3 mm, 3.25 mm, 4 mm, 5 mm, 1/8", 3/16", 1/4"

Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101145	AMIN 45-030 GD	Twist	45,000	0.3	0.5	6	6	1
A3993102145	AMIN 45-030 GH	Lever	45,000	0.3	0.5	6	6	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 45-030 GD / GH	Tungsten carbide burrs	up to Ø 6 mm	17–43
	Mounted points	up to Ø 20 mm	73–90
	P1 polishing points	up to Ø 20 mm	100–101
	P2 polishing points	up to Ø 6 mm	103–104
	P3 polishing points	up to Ø 6 mm	106–107
	P5 polishing points	up to Ø 20 mm	113
	P6 polishing points	up to Ø 10 mm	120
	SK/SKS abrasive caps	up to Ø 5 mm	211–214
	SBZY abrasive bands	up to Ø 12 mm	198



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

Straight grinder, insulated

Properties:

- most powerful tool in its class
- compact design
- lockable speed switch

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 3 mm
- operating tool/spanner

Technical details:

- length: approx. 130 mm
- casing diameter: 16 mm
- weight: approx. 0.24 kg
- drive type: vane motor



Special accessories:

- collets for Ø 2 mm, 3.25 mm, 1/8", 3/32"

► Further technical details can be found on **page 301**.



Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101155	AMIN 55-011 GD	Twist	55,000	0.11	0.15	3	3	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 55-011 GD	Tungsten carbide burrs	up to Ø 5 mm	18–43
	Mounted points	up to Ø 16 mm	73–89
	P1 polishing points	up to Ø 16 mm	100–101
	P2 polishing points	up to Ø 5 mm	103–104
	P5 polishing points	up to Ø 16 mm	113
	SK/SKS abrasive caps	up to Ø 5 mm	211–214
	SBZY abrasive bands	up to Ø 10 mm	198



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

Straight grinder, insulated



Technical details:

- length: approx. 154 mm
- casing diameter: 275 mm
- weight: approx. 0.45 kg
- drive type: vane motor

Included with the machine:

- air feed hose
- exhaust air hose with muffler
- collet: 3 mm
- operating tool/spanner

► Further technical details can be found on **page 301**.

Special accessories:

- collets for Ø 2 mm, 3.25 mm, 1/8", 3/32"

★★☆

Product number	Description	Valve	Idle speed (rpm)	Power kW	Air consumption under load m ³ /min	Collet Ø mm	Nominal hose size mm	Pack contains
A3993101172	AMIN 72-013 GD	Twist	72,000	0.13	0.21	3	5	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
AMIN 72-013 GD	Tungsten carbide burrs	up to Ø 4 mm	18–42
	Mounted points	up to Ø 13 mm	73–89
	P1 polishing points	up to Ø 13 mm	100–101
	P2 polishing points	up to Ø 4 mm	103–104
	P5 polishing points	up to Ø 13 mm	113



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



Conditioning machine

Properties:

- heavy-duty motor (stable)
- double gear reduction (long service life)
- dust-protected bearings (low wear)
- Shadow-free metal, wood or plastic surfaces without transitions can be achieved with the ideal tool.

With the appropriate tool, perfect for:

- conditioning
- structuring
- polishing
- brushing
- smoothening
- deburring
- matt finishing

Technical details:

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


► Further technical details can be found on **page 301**.

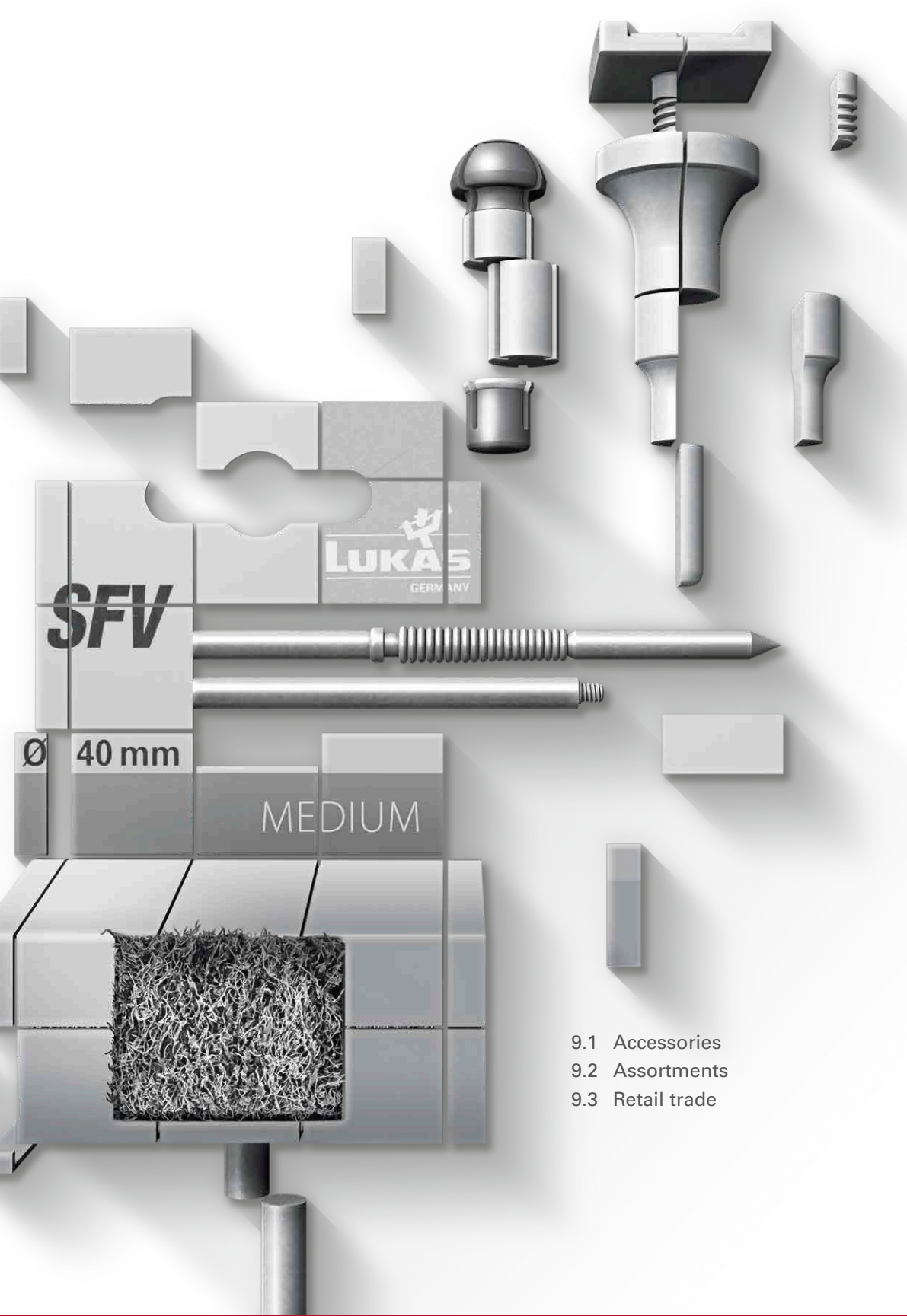


★★☆

Product number	Description	Idle speed (rpm)	Power kW	Tool max. Ø mm	Tool width mm	Tool holder mm	Pack contains
A3995ESM1310	ESM 1310 S	1,300–3,050	1.3	120	100	19	1

Can be used with the following LUKAS tools		Dimensions	Catalogue page
ESM 1310 S	P6 polishing rolls	100 x 50 mm, 100 x 100 mm	122
	SBZY abrasive belt rolls	100 x 100 mm	203
	LWL/LWV/LWM/LWF abrasive flap rolls	100 x 50 mm, 100 x 100 mm	190–193

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

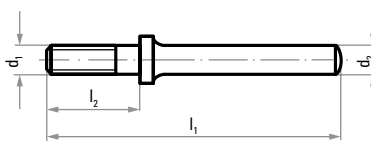


ACCESSORIES AND RETAIL TRADE

- 9.1 Accessories
- 9.2 Assortments
- 9.3 Retail trade

316–318
319–323
324–333

Arbors for felt polishing wheels



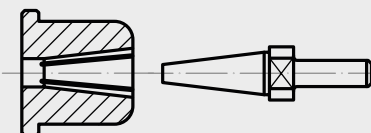
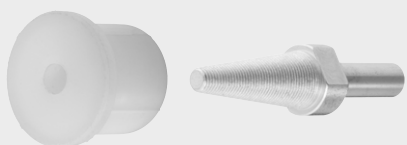
★★☆

Included (per arbor):

- two washers, diameter 18 mm
- two washers, diameter 30 mm
- one hex nut

Product number	Description	d ₁	l ₂ mm	d ₂ mm	l ₁ mm	n _{max} rpm	Pack contains
A1630780	ASB 780	M6	20	6	63	7,000	5
A1630781	ASB 781	M6	30	6	73	7,000	5

Mounting system for polishing wheels

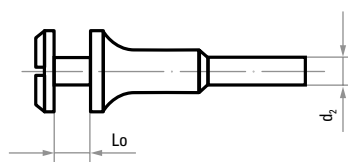
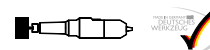


The mounting system for polishing wheels consists of a plastic sleeve (MCA) and a mounting arbor with 8 mm diameter shank (K25), which is solely applicable to shape SE1 in the dimensions 10010 B 25 and 10020 B 25. This system is not designed to be used for polishing wheels with larger diameters. The maximum cutting speed for this mounting system is 10 m/s. This results in a maximum spindle speed of 1900 rpm with a wheel diameter of 100 mm.

★★☆

Product number	Description	Pack contains
A6981008000	Mounting system MCA + K25 H	1

Arbors for small cutting and rough grinding wheels

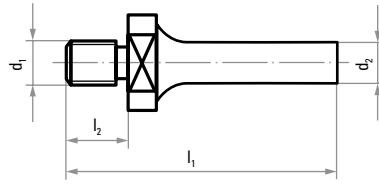


★★☆

Product number	Description	Tool internal diameter mm	L ₀ mm	d ₂ mm	Pack contains
A36600060604	ASB 6/6	6	0-4	6	1
A36600061004	ASB 6/1	10	0-4	6	1
A36600081048	ASB 8/10	10	4-8	8	1

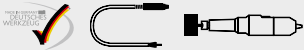


Arbors for tools with an internal thread

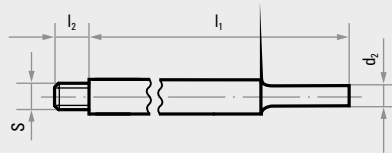


★★☆

Product number	Description	d ₁	l ₂ mm	d ₂ mm	l ₁ mm	Pack contains
A16303422	ASB 342 B	M10	12	6	52	5
A16303423	ASB 342 C	M12	14	6	54	5
A16303424	ASB 342 D	M8	10	6	50	5
A16303442	ASB 344 B	M10	12	8	52	5
A16303443	ASB 344 C	M12	14	8	54	5
A16303452	ASB 345 B	M10	12	10	52	5



Tool adapters for SFI mounted flap wheels



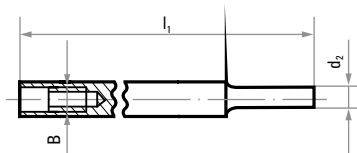
▶ only for use with the LUKAS mounted flap wheels on [page 172](#)

★★☆

Product number	Description	d ₁ mm	l ₁ mm	S	l ₂ mm	Pack contains
A36300404	WADI 0404	6	80	M4	4	1
A36300407	WADI 0407	6	80	M4	7	1
A36300609	WADI 0609	6	100	M6	9	1
A36300612	WADI 0612	6	100	M6	12	1



Tool adapter for SFA mounted flap wheels

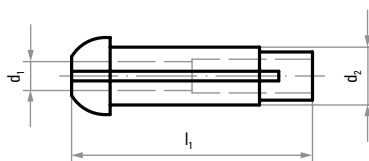
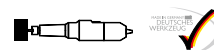


▶ only for use with the LUKAS mounted flap wheels on [page 173](#)

★★☆

Product number	Description	d ₂ mm	l ₁ mm	B	Pack contains
A36300518	WADA 05	6	100	M5	1

Reducing bush



★★☆

Product number	Description	d ₁ mm	d ₂ mm	l ₁ mm	Pack contains
A3630006	SP 6	3	6	25	5
A3630008	SP 8	6	8	30	1

Sharpening stones



★★☆

RU 1–4 are particularly suitable for:

- profiling
- sharpening
- dressing

of bonded grinding and polishing tools

Product number	Description	Quality	L mm	B mm	C mm	Pack contains
A20430000118	RU 1	SICGR 60 O V23/green=fine	50	25	15	5
A20430000122	RU 1	SICGR 24 O V23/dark=coarse	50	25	15	5
A20430000218	RU 2	SICGR 60 O V23/green=fine	100	30	15	5
A20430000222	RU 2	SICGR 24 O V23/dark=coarse	100	30	15	5
A20430000318	RU 3	SICGR 60 O V23/green=fine	100	50	25	5
A20430000322	RU 3	SICGR 24 O V23/dark=coarse	100	50	25	5
A20430000418	RU 4	SICGR 60 O V23/green=fine	150	50	25	5
A20430000422	RU 4	SICGR 24 O V23/dark=coarse	150	50	25	5
Recommended for: ● Stone/Construction material						
A2043150251608	RU 5	EKW 100 E (9) V40	150	25	16.5	5
A2043200502508	RU 6	EKW 100 E (9) V40	200	50	25	5
Recommended for: ● Steel						

AVAILABLE DIMENSIONS

Shape	Length mm	Width mm	Height mm
	25	15	5–30
	44	35	18–30
	48	19	5–30
	50	25	10–35
	90	70	20–35
	100	30	10–35
	100	50	10–35
	120	10	5–35

Shape	Length mm	Width mm	Height mm
	150	25	10–35
	150	50	10–35
	200	50	10–35
Half-round	216	78	20–35
	150	13	5–35

► For detailed information about sharpening stones, please refer to **page 95**.



Carbide burrs assortments



F10 S3
Z7 Steel

F10 S6
Z7 Steel

Assortment
Z42 Inox/Steel

Assortment
Z9 Alu

Assortment
Z9 Alu

- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the home, hobby workshop or in industry



Product number	Description	Cut	Shank diameter mm	Contents per pack	Pack contains		
A10390010	F10 S3	Z7 Steel	3	10 parts: HFA 0313 HFC 0613 HFG 0313 HFF 0313	HFA 0613 HFD 0302 HFG 0613 HFC 0313 HFD 0605 HFM 0613	1	
A1039001006	F10 S6	Z7 Steel	6	10 parts: HFAS 0616 HFC 1225 HFD 1210 HFF 0820	HFAS 1225 HFC 1225 HFG 0618 HFF 1225	HFC 0616 HFD 0605 HFG 1225	1
Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Cast material <input type="radio"/> Titanium							
A1039001020	Assortment	Z42 Inox/Steel	6	10 parts: HFA 0616 HFC 1225 HFG 0618 HFF 1225	HFA 1225 HFD 0605 HFG 1225	HFC 0616 HFD 1210 HFF 0618	1
Recommended for: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input checked="" type="radio"/> Cast material							
A1039000509	Assortment	Z9 Alu	3	5 parts: HFA 0313 HFF 0313	HFC 0313 HFG 0313	HFD 0403	1
A10390005096	Assortment	Z9 Alu	6	5 parts: HFA 0616 HFF 0618	HFC 0616 HFD 0605	HFM 0618	1
Recommended for: <input checked="" type="radio"/> Aluminium <input type="radio"/> Plastic/Wood <input type="radio"/> Titanium							



ZX Universal carbide burrs assortments

- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools

- just as suitable for use in the home, hobby workshop or in industry
- the all-round burr for universal applications, with cross cut for high performance



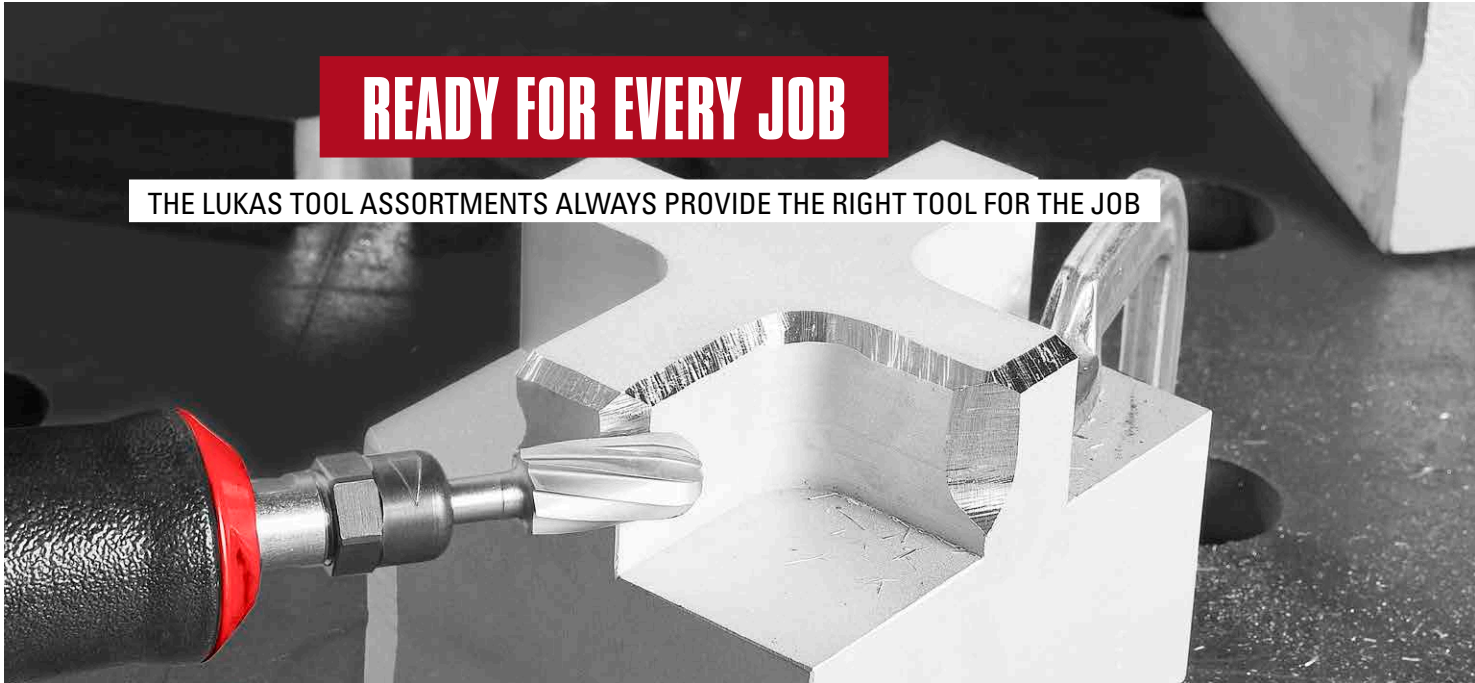
F5 S3 BASE-X



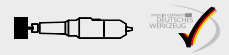
Product number	Description	Cut	Shank diameter mm	Contents per pack	Pack contains		
A10390053	F5 S3 BASE-X	ZX	3	5 parts: HFA 0313 HFF 0313	HFC 0313 HFG 0313 HFD 0605	1	
A10390056	F5 S6 BASE-X	ZX	6	5 parts: HFA 1225 HFF 1225	HFC 1225 HFG 1225	HFD 1210	1
Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Cast material <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Titanium							

READY FOR EVERY JOB

THE LUKAS TOOL ASSORTMENTS ALWAYS PROVIDE THE RIGHT TOOL FOR THE JOB



HSS burrs assortments



F1



F3



F4

- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the home, hobby workshop or in industry

★★☆

Product number	Description	Cut	Shank diameter mm	Content per pack	Pack contains	
A1239000110	F1	Z5	3	10 parts: MF 807 MF 845 MF 864 MF 874 MF 813 MF 850 MF 866	MF 841 MF 853 MF 872	1
A12390003	F3	Z3	6	10 parts: MFA 0616 MFD 0403 MFG 1230 MFM 0618 MFA 1225 MFD 1210 MFG 1230	MFC 1225 MFE 1220 MFK 0620	1
A12390004	F4	Z3/Z5	6	20 parts: Z3: MFA 0616 MFC 1225 MFE 1220 MFG 1230 MFM 0618 MFN 1230 Z5: MFA 0304 MFN 0606 MFA 1013 MFD 0807 MFE 1625 MFK 1230 MFM 1230 MFA 0607	MFA 1225 MFD 1210 MFG 1220 MFL 1630 MFN 1213 MFN 0303	1

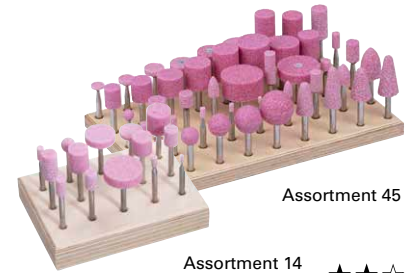
Recommended for: ● Steel ● Aluminium



EKR mounted point assortments

- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the home, hobby workshop or in industry
- for use on structural steel, for rough grinding and finishing

- top results with regular aluminium oxide
- extremely hard and sharp for an impressively long tool life
- also machines hard materials efficiently



Assortment 45

Assortment 14



Product number	Description	Quality	Shank diameter mm	Content per pack	Pack contains
A204700001402	Assortment 14	EKR	3 x 30	14 parts: ZY 0205 ZY 0306 ZY 0408 ZY 0510 ZY 0610 ZY 0810 ZY 0816 ZY 1010 ZY 1013 ZY 1313 KU 0808 ZY2 1303 ZY2 1604 ZY2 2006	1
A204600000202	Assortment 45	EKR	6 x 40	45 parts: ZY 0306 ZY 0510 ZY 0408 ZY 0610 ZY 0810 ZY 0816 ZY 1010 ZY 1020 ZY 1032 ZY2 1303 ZY 1313 ZY 1320 ZY2 1604 ZY 1616 ZY 1620 ZY 1632 ZY2 2006 ZY 2020 ZY 2025 ZY 2032 ZY 2040 ZY2 2506 ZY2 2510 ZY 2520 ZY 2525 ZY 2532 ZY2 3208 ZY 3220 ZY 3232 ZY2 4010 ZY 4020 SP 0816 SP 1020 SP 1320 SP 2032 KE 1632 KE 1640 KE 2032 KE 2040 KU 1010 KU 1313 KU 1616 KU 2020 KU 2525 KU 3232	1

Recommended for: ● Steel



Mounted point assortments, mini mounted points

- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the home, hobby workshop or in industry



Assortment 36, EKBR



Assortment 36, EKR



Product number	Description	Quality	Shank diameter mm	Content per pack	Pack contains
A204800003611	Assortment 36	EKBR	3 x 30	36 parts: D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36	1
A204800003602	Assortment 36	EKR	3 x 30	36 parts: D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36	1

Recommended for: ● Steel

NDW mounted point assortment

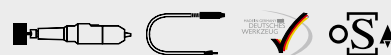


- Always the right tool to hand. LUKAS' practical assortment of tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the home, hobby workshop or in industry
- optimised grain combinations for unhardened and hardened tool steel
- high quality grain types for efficient machining of unhardened tool steel

★★★

Product number	Description	Quality	Shank diameter mm	Content per pack	Pack contains
A20100000353	Assortment 10	NDW	3 x 30	10 parts: ZY 0408 ZY 1013 KU 0404 WR 1013 ZY 0610 SP 0510 KU 0606 ZY 0810 SP 0810 KU 0808	1
Recommended for: ● Steel					

Group P1 polishing points assortment



- ideal for finishing cast materials, hardened and unhardened, alloyed and non-alloyed steel
- manufactured in line with DIN 69170
- a match for all polishing requirements
- 14 different shapes for quick tool change

★★☆

Product number	Description	Content per pack	Pack contains
A2600114	Assortment 114	14 parts: P1ZY 0408.03 P1ZY 1010.03 P1ZY 1316.03 P1ZY 0510.03 P1ZY 1013.03 P1ZY 1604.03 P1ZY 0610.03 P1ZY 1016.03 P1ZY 1616.03 P1ZY 0710.03 P1ZY 1303.03 P1ZY 2006.03 P1ZY 0810.03 P1ZY 1313.03	1
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium			

THE RIGHT ABRASIVE CAP FOR EVERY CHALLENGE

640 ABRASIVE CAPS AND 23 MANDRELS IN A SINGLE ASSORTMENT



WS abrasive cap assortment



★★☆

- consists of 640 abrasive caps and 23 mandrels
- box outer dimensions: 372 mm x 189 mm x 46 mm

Product number	Description	Quantity	Content	Pack contains
A210000065001	WS 65 NKS	50 pieces 100 per pack 50 per pack 20 per pack 10 pieces	Abrasive caps, grain NKS 150: SKKES 0515 SKZYS 0510 SKWRS 0511 SKWKES 0511 SKZYS 0712 SKWRS 0713 SKWKES 0713 SKZYS 1015 SKWRS 1015 SKKES 1125	1
		20 pieces 10 per pack 15 per pack	Abrasive caps, grain NKS 80: SKWKES 1015 SKZYS 1317 SKWRS 1319 SKWKES 1319 SKWKES 1626 SKWRS 1626 SKKES 1632	
		2 per pack 1 per pack	Mandrel, shank 3 mm: GTZY 0510 GTWR 0511 GTWK 0511 GTZY 0712 GTWR 0713 GTWK 0713 GTZY 1015 GTWR 1015 GTWK 1015 GTZY 1317 GTWR 1319 GTWK 1319	
		1 per pack	Mandrel, shank 6 mm: GTKE 0515 GTKE 1125 GTWK 1626 GTWR 1626 GTKE 1632	

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

RETAIL TRADE SELECTION

Take advantage of the LUKAS service for retailers

As retailers, you know exactly what your customers want. Therefore you want to present and sell LUKAS products in a way that speaks to your customers. We have just the right thing

for you: the LUKAS presentation stand will help you boost your sales of industrial tools for cutting, milling, grinding and polishing for the long term.



THE LUKAS DISPLAY WALL

Stable, self-supporting presentation stand with perforated panel. Assemble your own, customised display panel with hook hangers for Euro hole packaging, hook hangers for all products with a hole, a brochure dispenser for further information or suspended shelves for boxes to display products in a professional way.

CARDBOARD COUNTER DISPLAY FOR CUTTING DISCS OR MOUNTED FLAP WHEELS

Presentation aid with quick assembly for presenting unique LUKAS mounted flap wheels or cutting and grinding discs on your sales counter. Available for tools with a diameter of 115 mm or 125 mm.

COUNTER DISPLAY FOR TUNGSTEN CARBIDE BURRS

Lockable display for presentation and individual sale of valuable LUKAS tungsten carbide burrs with a 3 mm or 6 mm shank. Place it on your sales counter or shelves.

OUR INDIVIDUAL PACKAGING

Eye-catching and informative individual packaging for the most popular LUKAS tools such as flap discs from the patented iQ series, tungsten carbide burrs, mounted flap wheels made of abrasive material, abrasive fleece or a combination of the two, as well as our mounted points selection for steel or inox. All of these are individually packaged and come with a Euro hole, available for your customised "display module" just like our cutting discs, diamond cutting discs, grinding discs and conventional flap discs, which you can simply hang on the display.

DISPLAY ACCESSORIES

Presenting LUKAS tools made easy and attractive

CARBIDE BURRS

The popular carbide burrs Z42 Inox/Steel and ZX Universal in practical retail packaging.
Pages 328/329

FLAP WHEELS

SFL, SFV and SFM flap wheels in retail packaging for a wide variety of applications.
Pages 331/332

DIAMOND CUTTING DISCS

The efficient diamond cutting disc for the construction site and the inexpensive option for cutting tiles in retail packaging.
Page 333

COUNTER DISPLAY, LOCKABLE

For the presentation and individual sale of LUKAS burrs. Place it on your sales counter or shelves.
Page 328



OUR RETAIL TRADE SELECTION



ADDITIONAL LUKAS PRODUCTS

This display wall is not only ideal for attractively presenting practical LUKAS retail trade products, many other LUKAS tools can also be displayed to advantage on the flexibly designed perforated stand. Select suitable products from the overview below and design your sales area the way you want.

DISPLAY WALL

Appeal to customers directly with LUKAS products.
Page 326

CUTTING DISC SETS

Various cutting disc sets in high quality, practical and secure metal boxes.
Page 327

MOUNTED POINTS SELECTION

Mounted points in various shapes in retail packaging. Ideal for letting your customers test our product.
Page 330

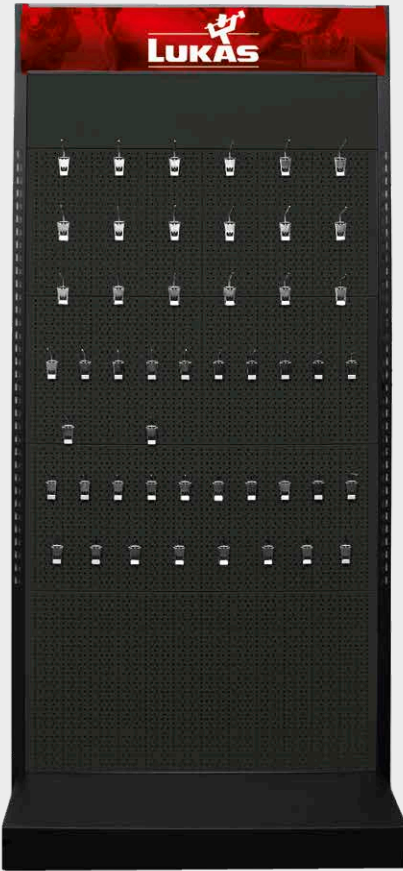
COUNTER DISPLAY

Counter display for up to 10 metal boxes of LUKAS cutting disc sets for direct dispensing to customers.
Page 326

LUKAS PRODUCT HIGHLIGHTS FOR YOUR DISPLAY STAND

Milling tools	Page 43	Flap wheels	Pages 164–180
HZB special drill	Page 61	LSL flap wheels in abrasive cloth with thread	Page 182
Diamond dry drills	Page 61	Fibre discs with backing plate	Pages 236–241
Diamond drill bit for socket outlets	Page 63	Cutting discs	Pages 244–259
P6PT range	Pages 117–119	Diamond cutting discs	Pages 260–267
Small polishing points with soft elastomer bond	Page 123	Grinding discs	Pages 270–281
iQ series tools	Pages 134–151	ASVT grinding disc	Page 287
Additional mounted flap wheels	Pages 152–161		

Display stand



- stable, self supporting displaystand with perforated panel
- customised presentation

★★☆

Product number	Description	Dimensions (W x H x D) m	Accessories	Pack contains
A89404	Display stand	1 x 2.10 x 0.37	Hook hangers for Euro-hole packaging Hook hangers for all products with a hole, suspended shelf and brochure dispenser	1

Counter display



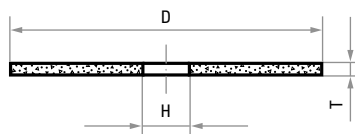
- counter display (without contents) for 10 boxes of cutting disc sets

★★☆

Product number	Description	Dimensions (W x H x D) mm	Pack contains
A89406	Counter display	145 x 440 x 145	1



3-star cutting disc set



The practical packaging for construction sites etc.

- cutting disc in metal box
- securely packaged
- protected from moisture

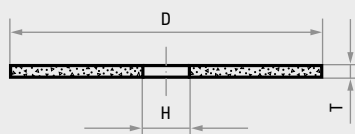
★★★

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AT007231V9807010	T41 115x1.0	A60Z-BF Inox	115	1.0	22.23	13,300	10
AT007233V9807010	T41 125x1.0	A60Z-BF Inox	125	1.0	22.23	12,200	10

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



2-star cutting disc set



The practical packaging for construction sites etc.

- cutting disc in metal box
- securely packaged
- protected from moisture

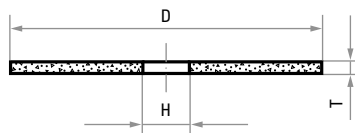
★★☆

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AT005841V9807010	T41 115x1.0	A60X-BF Inox	115	1.0	22.23	13,300	10
AT005842V9807010	T41 125x1.0	A60X-BF Inox	125	1.0	22.23	12,200	10

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



1-star cutting disc set



The practical packaging for construction sites etc.

- cutting disc in metal box
- securely packaged
- protected from moisture

★☆☆

Product number	Description	Quality	D mm	T mm	H mm	n _{max} rpm	Pack contains
AT004643V9807010	T41 115x1.0	A60S-BF Inox	115	1.0	22.23	13,300	10
AT002672V9807010	T41 125x1.0	A60S-BF Inox	125	1.0	22.23	12,200	10

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

Counter display for tungsten carbide burrs

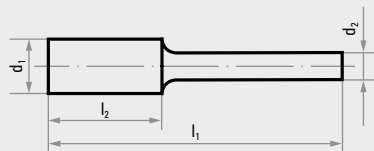
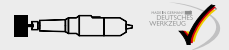


☆☆☆

- for the presentation and individual sale of LUKAS carbide burrs with a 3 mm or 6 mm shank diameter
- lockable display
- also fits into shelves

Product number	Description	Dimensions (W x H x D) mm	Content 2 per pack			Pack contains
A5039004022	Counter display for tungsten carbide burrs	235 x 250 x 400	HFA 0313.03 ZX HFA 1225.06 ZX HFC 1020.06 ZX, HFD 0807.06 ZX HFG 0313.03 ZX HFG 1225.06 ZX HFF 1020.06 ZX	HFA 0820.06 ZX HFC 0313.03 ZX HFC 1225.06 ZX HFD 1009.06 ZX HFG 0820.06 ZX HFM 0311.03 ZX HFF 1225.06 ZX	HFA 1020.06 ZX HFC 0820.06 ZX HFD 0605.03 ZX HFD 1210.06 ZX HFG 1020.06 ZX HFF 0820.06 ZX	1

Z42 Inox/Steel burr

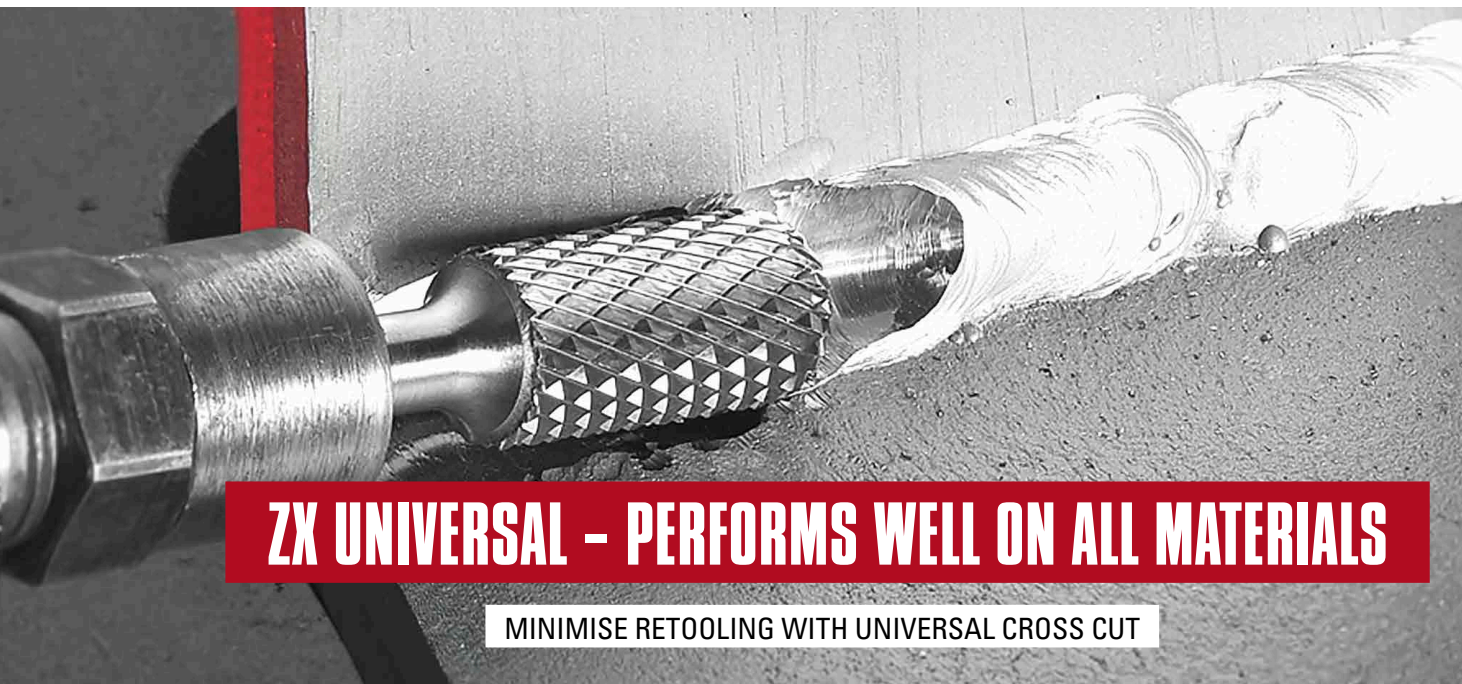


- one burr for two materials: perfectly process steel and stainless steel with just a single tool
- in retail packaging
- high chip volume thanks to coarse cut for quick working
- faceted toothing for perfect surface results
- smooth running, low-vibration tool without chatter thanks to improved cutting angle

☆☆☆

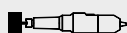
Product number	Description	Cut	Similar to DIN 8033	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm	Pack contains
A10010820620F1	HFA 0820.06	Z42 Inox/Steel	ZYA 0820	8	20	6	60	1
A10011225620F1	HFA 1225.06	Z42 Inox/Steel	ZYA 1225	12	25	6	65	1
A10020820620F1	HFC 0820.06	Z42 Inox/Steel	WRC 0820	8	20	6	60	1
A10021225620F1	HFC 1225.06	Z42 Inox/Steel	WRC 1225	12	25	6	65	1
A10030605620F1	HFD 0605.06	Z42 Inox/Steel	KUD 0605	6	5	6	50	1
A10030807620F1	HFD 0807.06	Z42 Inox/Steel	KUD 0807	8	7	6	47	1
A10031210620F1	HFD 1210.06	Z42 Inox/Steel	KUD 1210	12	10	6	51	1
A10100820620F1	HFF 0820.06	Z42 Inox/Steel	-	8	20	6	60	1
A10101225620F1	HFF 1225.06	Z42 Inox/Steel	RBF 1225	12	25	6	65	1
A10040820620F1	HFG 0820.06	Z42 Inox/Steel	SPG 0820	8	20	6	60	1
A10041225620F1	HFG 1225.06	Z42 Inox/Steel	SPG 1225	12	25	6	65	1

Recommended for: ● Inox/Steel ● Steel

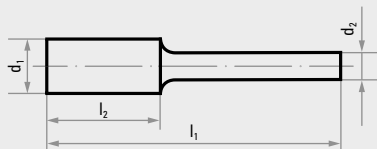


ZX UNIVERSAL - PERFORMS WELL ON ALL MATERIALS

MINIMISE RETOOLING WITH UNIVERSAL CROSS CUT



ZX Universal burr



- the all-round burr for universal use in retail packaging
- with cross cut for high performance



Product number	Description	Cut	Similar to DIN 8033	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm	Pack contains
A10010313322F1	HFA 0313.03 ZX	ZX	ZYA 0313	3	13	3	40	1
A10010820622F1	HFA 0820.06 ZX	ZX	ZYA 0820	8	20	6	60	1
A10011225622F1	HFA 1225.06 ZX	ZX	ZYA 1225	12	25	6	65	1
A10020313322F1	HFC 0313.03 ZX	ZX	WRC 0313	3	13	3	40	1
A10020820622F1	HFC 0820.06 ZX	ZX	WRC 0820	8	20	6	60	1
A10021225622F1	HFC 1225.06 ZX	ZX	WRC 1225	12	25	6	65	1
A10030605322F1	HFD 0605.03 ZX	ZX	KUD 0605	6	5	3	35	1
A10030807622F1	HFD 0807.06 ZX	ZX	KUD 0807	8	7	6	47	1
A10031210622F1	HFD 1210.06 ZX	ZX	KUD 0313	12	10	6	51	1
A10100820622F1	HFF 0820.06 ZX	ZX	-	8	20	6	60	1
A10101225622F1	HFF 1225.06 ZX	ZX	RBF 1225	12	25	6	65	1
A10040313322F1	HFG 0313.03 ZX	ZX	SPG 0313	3	13	3	40	1
A10040820622F1	HFG 0820.06 ZX	ZX	SPG 0820	8	20	6	60	1
A10041225622F1	HFG 1225.06 ZX	ZX	SPG 1225	12	25	6	65	1
A10050311322F1	HFM 0311.03 ZX	ZX	SKM 0311	3	11	3	40	1

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

Ceramic mounted point assortment



- maximum aggressiveness and hardness with ceramic self-sharpening effect
- five different shapes for fast tool change in retail packaging
- impressive tool life
- higher and faster stock removal particularly on hardened surfaces, scale, hard coatings and armour steel welds

★★★

Product number	Description	Shank diameter mm	Quality	Content	Pack contains
A20480005677F1	Ceramic assortment	6	Ceramic	5 parts: ZY 1020, ZY 1632, SP 1320, KU 1313, KE 1632	1

Recommended for: Steel Titanium Inox/Steel

Inox mounted point assortment



- for non-rusting steel
- 4 different shapes for fast tool changes, in specialist retail packaging
- excellent stock removal performance, also under adverse conditions

★★☆

Product number	Description	Shank diameter mm	Quality	Content	Pack contains
A20480004627WF1	Inox assortment	6	NK BA	4 parts: ZY 1332.06 NK 24 N BA soft ZY 2040.06 NK 24 N BA soft ZY2 4006.06 NK 24 N BA soft KU 2525.06 NKB/NK 24 R BA 98	1

Recommended for: Inox/Steel Steel Aluminium

Steel mounted point assortment



- top results with regular aluminium oxide, on structural steel, when rough grinding and finishing
- 5 different shapes for fast tool changes, in specialist retail packaging
- extremely hard and sharp for an impressively long tool life
- also machines hard materials efficiently

★★☆

Product number	Description	Shank diameter mm	Quality	Content	Pack contains
A20480005602F1	Steel assortment	6	EKR	5 parts: ZY 1632.06 EKR 46 N V4 ZY 2525.06 EKR 36 N V4 WKS 2025.06 EKR 60 N V4 KU 2525.06, EKR 36 N V4 KE 1632.06, EKR 46 N V4	1

Recommended for: Steel



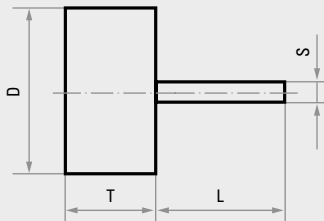
EFFICIENT AND PRODUCTIVE SURFACE GRINDING

THE PRACTICAL ALL-ROUND MOUNTED FLAP WHEELS FROM LUKAS



SFL mounted flap wheels

- mounted flap wheels with abrasive cloth for manual use in retail packaging
- ideal for finishing, derusting, fettling, deburring, surface grinding, decorative finishing and bevelling
- impressive tool life working with various materials



Product number	Description	Grit	D mm	T mm	S mm	L mm	n _{rec} rpm	n _{max} rpm	Pack contains
A2200030103060F1	SFL 03010.03	NK 60	30	10	3	40	16,000	18,000	1
A2200030103080F1	SFL 03010.03	NK 80	30	10	3	40	16,000	18,000	1
A2200030103120F1	SFL 03010.03	NK 120	30	10	3	40	16,000	18,000	1
A2200040206060F1	SFL 04020.06	NK 60	40	20	6	40	12,000	19,100	1
A2200040206080F1	SFL 04020.06	NK 80	40	20	6	40	12,000	19,100	1
A2200040206120F1	SFL 04020.06	NK 120	40	20	6	40	12,000	19,100	1
A2200060306040F1	SFL 06030.06	NK 40	60	30	6	40	8,000	12,700	1
A2200060306060F1	SFL 06030.06	NK 60	60	30	6	40	8,000	12,700	1
A2200060306080F1	SFL 06030.06	NK 80	60	30	6	40	8,000	12,700	1
A2200060306120F1	SFL 06030.06	NK 120	60	30	6	40	8,000	12,700	1

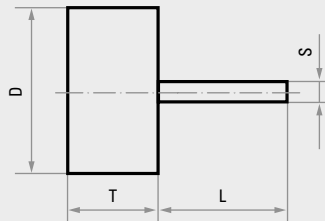
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Plastic/Wood ● Titanium

THE FINISHING TOUCH FOR SURFACES

ABRASIVE FLEECE FOR MANUAL USE



SFV mounted flap wheels



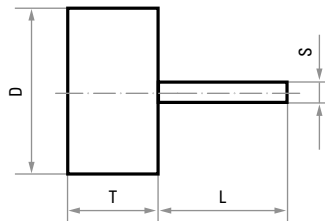
★★☆

- flap wheels with regular aluminium oxide in retail packaging
- consisting of abrasive fleece flaps radially located around the hub of the tool
- ideal for matting, conditioning, polishing, finishing and fine surface finishing

Product number	Description	Quality	Grit	D mm	T mm	S mm	L mm	n _{recom} rpm	n _{max} rpm	Pack contains
A2203040206104F1	SFV 04020.06	A 104	NK 100	40	20	6	40	7,500	14,000	1
A2203040206106F1	SFV 04020.06	A 106	NK 180	40	20	6	40	7,500	14,000	1
A2203060306104F1	SFV 06030.06	A 104	NK 100	60	30	6	40	5,000	9,000	1
A2203060306106F1	SFV 06030.06	A 106	NK 180	60	30	6	40	5,000	9,000	1

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

SFM mounted flap wheels



★★☆

- flap wheels with regular aluminium oxide in retail packaging
- in a combination of abrasive fleece and cloth for a high stock removal performance
- suitable for cleaning, derusting, pre-finishing, graining and keying

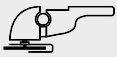
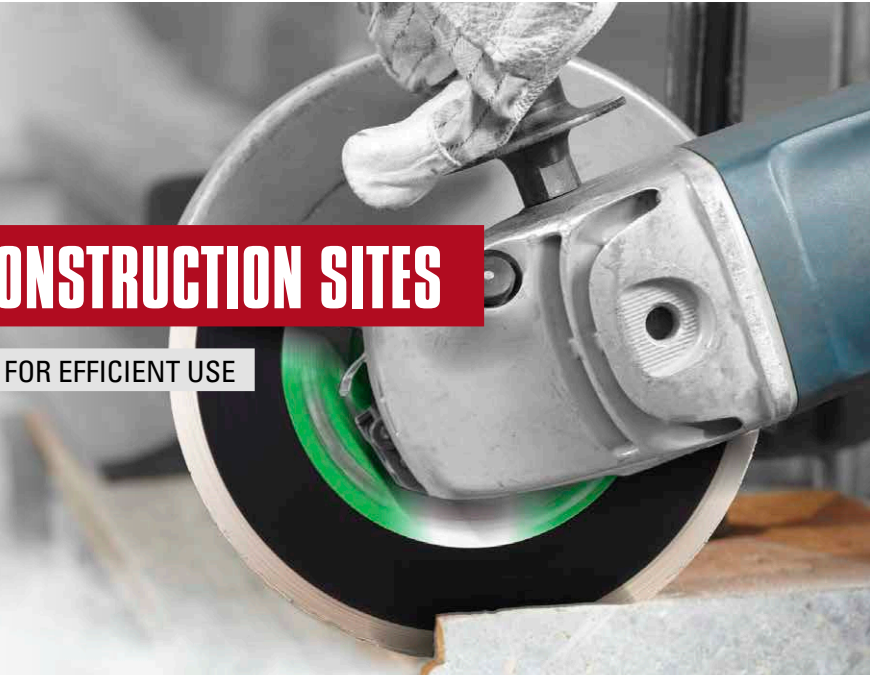
Product number	Description	Quality	Grit	D mm	T mm	S mm	L mm	n _{recom} rpm	n _{max} rpm	Pack contains
A2204040206104F1	SFM 04020.06	A 104/80	NK 100/80	40	20	6	40	7,500	14,000	1
A2204040206106F1	SFM 04020.06	A 106/150	NK 180/150	40	20	6	40	7,500	14,000	1
A2204060306104F1	SFM 06030.06	A 104/80	NK 100/80	60	30	6	40	5,000	9,000	1
A2204060306106F1	SFM 06030.06	A 106/150	NK 180/150	60	30	6	40	5,000	9,000	1

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

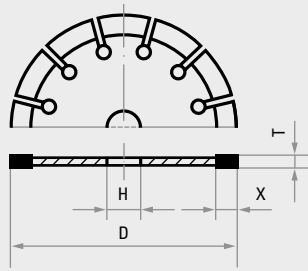
IDEAL FOR USE ON CONSTRUCTION SITES

LUKAS DIAMOND CUTTING DISCS FOR EFFICIENT USE

This diamond cutting disc for construction sites is coated with synthetic diamonds bonded with an innovative alloy. It enables universal cutting of the hardest materials at a high operating speed.



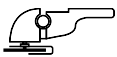
Blue Cut S10 diamond cutting disc



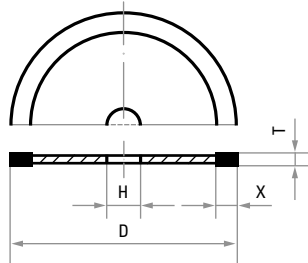
- in retail packaging
- especially popular on construction sites
- excellent price-to-performance ratio

Product number	Description	D mm	Segment height X mm	Segment width T mm	H mm	n _{max} rpm	Pack contains
A345241151110085	Blue Cut S10	115	10	2.0	22.23	13,300	1
A345241251110095	Blue Cut S10	125	10	2.0	22.23	12,200	1
A345241501110125	Blue Cut S10	150	10	2.2	22.23	10,200	1
A345241801110145	Blue Cut S10	180	10	2.4	22.23	8,500	1
A345242301110165	Blue Cut S10	230	10	2.5	22.23	6,600	1

Recommended for: ● Stone/Construction material



FC7 diamond cutting disc



- in retail packaging
- especially popular on construction sites
- excellent price-to-performance ratio

Product number	Description	D mm	Segment height X mm	Segment width T mm	H mm	n _{max} rpm	Pack contains
A345211151107015	FC7	115	7	1.8	22.23	13,300	1
A345211251107015	FC7	125	7	2.0	22.23	12,200	1
A345212301107015	FC7	230	7	2.5	22.23	6,600	1

Recommended for: ● Stone/Construction material

A

- Abrasive bands and mandrels** 195–204, 303
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 - SBL finishing belt 204, 303
 - SBZY abrasive band, cylindrical shape, without lining .. 201
 - SBZY Ceramic abrasive band, cylindrical shape 196
 - SBZY regular aluminium oxide abrasive band, cylindrical shape 198/199
 - SBZY Z-Power abrasive band, cylindrical shape 196
 - SBZY zirconia alumina abrasive band, cylindrical shape 197
- Abrasive bands mandrels** 200–203
 - STKE hard abrasive band mandrel, conical shape 202
 - STWS soft abrasive band mandrel, cylindrical shape .. 203
 - STZY hard abrasive band mandrel, cylindrical shape ... 200
 - STZY soft abrasive band mandrel, cylindrical shape 200/201
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 - WS abrasive cap assortment 215, 323
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 - PSG abrasive discs** 217–223
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 - PSG reinforced self-clamping regular aluminium oxide abrasive disc 221
 - PSG self-clamping abrasive disc, abrasive fleece 222
 - PSG self-clamping regular aluminium oxide abrasive disc 220
 - PSG self-clamping silicon carbide abrasive disc 223
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 - GTHX abrasive disc carrier for self-fixing abrasive discs with thread 233
 - GTK abrasive disc carrier for adhesive abrasive discs .. 230
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 - GTH abrasive disc carrier for abrasive fleece with centering pin 235
 - GTH abrasive disc carrier for self-fixing abrasive discs 232
 - GTHX abrasive disc carrier for self-fixing abrasive discs with thread 233
 - GTG abrasive disc carrier for self-clamping abrasive discs 223
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 - STKE hard abrasive band mandrel, conical shape 202
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▪ Z5 HSS miniature burr	52

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General terms and conditions

I. SCOPE OF APPLICATION

1. The following conditions are final and an integral part of the contract. They apply to all (current and future) agreements, contracts and other services. All offers are exclusively based on our General Terms of Business which are deemed accepted upon order placement or acceptance of delivery. We shall not be bound to any conflicting or differing terms of business submitted to us by the buyer even if we do not expressly object to such other terms.
2. Oral ancillary agreements besides or in addition to these Terms of Business do not exist. Any ancillary agreements, differing terms or amendments to our General Terms of Business become applicable and binding only upon our written confirmation. This applies in particular to agreements regarding the quality and condition of our products.
3. These General Terms of Business only apply to companies, legal entities under public law or public special funds or assets ("Sondervermögen" pursuant to German law).

II. OFFERS AND PROPOSALS

1. Our offers and proposals are subject to change and not binding. Any documents in connection therewith, such as drawings, illustrations, technical data, references to applicable standards, and any information given in brochures, shall not be deemed an agreement regarding the quality and condition of the product, unless expressly designated as such in writing.
2. Any samples as well as specifications regarding the composition, quality and condition of our products are based on our experience and expertise, but do not constitute any guarantee or other binding commitment.
3. We reserve the right of ownership and copyright to all brochures, illustrations, drawings, sketches and any other documents. Any such materials may not be reproduced, copied from the Internet or made available to any third party without our prior permission, and must be returned to us immediately upon our request.

III. CONTRACT CONCLUSION

1. An order is deemed accepted if it has been confirmed in writing or delivered.
2. Content and scope of an order are subject to order confirmation.
3. The buyer is liable for the correctness of any documents to be supplied by them, such as drawings, samples, etc. Oral agreements about dimensions, etc. are required to be in writing.

IV. PRICING

1. Our prices are quoted in euros ex works Engelskirchen (pursuant to Incoterms 2020), excluding packaging, freight, postage, customs duties and tariffs, and insurance. Surcharges and discounts are based on the basic price. The same applies to any partial or express shipments requested by the buyer.
2. The minimum order value is EUR 130.00 net. For orders under EUR 130.00 we charge a handling fee of EUR 15.00.
3. All prices are net prices and subject to the currently applicable VAT.
4. The prices given in the order confirmation apply to deliveries with a delivery period of up to four months. Deliveries with a delivery period of more than four months are subject to the prices applicable at the day of delivery in case the cost price, material, labour and other production costs have changed and the applicable prices are within reason for the buyer.

V. TERMS OF PAYMENT

1. Payments are due within 14 days of the date of invoice less 2% discount or 30 days net. Payments are deemed to be made on time if they are received in our accounts no later than on the due date.
2. In the event of default, interest at the legal rate of currently 9% above the base rate of the European Central Bank (as of 2019) will be added. We retain the right to claim higher damages for default if applicable.
3. First deliveries are always required to be paid upfront or by cash on delivery.
4. If doubts arise regarding the solvency of the buyer, e.g. due to an application for the opening of insolvency proceedings, imminent suspension of payments or a significant deterioration of the financial status of the buyer, we are entitled to withhold further deliveries. In this case, we may declare the remaining debt due immediately, and set the customer a reasonable period for a delivery-against-payment transaction or the provision of collateral, even in the case of payment by check. After the fruitless expiry of such deadline, we are entitled to cease further fulfilment of our contractual obligations. In the event of an application for insolvency proceedings, we are entitled to immediately terminate the contract. This does not release the buyer from his or her duties and obligations arising in connection with those parts of the contract already fulfilled by us or in connection with earlier or not yet fulfilled contracts.
5. We retain the right to assign any accounts receivable to a third party.
6. The buyer is only entitled to a setoff if his counterclaims are res judicata, uncontested or accepted by us. Furthermore, the buyer is only entitled to a right of retention if his counterclaim is due and based on the same contractual relationship.

VI. RESERVATION OF TITLE

1. The delivered goods remain our property ("goods subject to retention of title") until full payment of all claims (current and future) has been made, including all ancillary claims (e.g. financing costs, interest, etc.) arising from the business relationship between us and the buyer. Payment is deemed to be made upon receipt of the countervalue of the delivered goods.
2. The buyer is obliged to treat any goods that are subject to retention of title with due care. We are entitled to insure any goods that are subject to retention of

title against theft, breakage, fire, water and other damages at the buyer's expense unless they can demonstrate that they have taken out such insurance themselves.

3. The buyer is entitled to process, combine, mix and/or resell the delivery items within the ordinary course of business. Any such processing or transformation of the delivery items by the buyer is always carried out for us as the manufacturer. If the delivery items are processed together with other items not our own, we become co-owners of the new item, whereby the value of such ownership is based on the ratio of the delivery item's initial value to that of the other processed items at the time of processing. Furthermore, any stipulations applicable to the goods subject to retention of title also apply to the processed goods.
4. In the event that the buyer sells any delivery item prior to payment of all our accounts receivable secured by such delivery items, the buyer assigns to us, at the time of conclusion of the delivery contract, the associated receivables against any such purchaser or other third party in connection with the resale, as collateral for our accounts receivable. We accept any such assignment. We authorise the buyer, until further notice, to collect the assigned accounts receivable. We are entitled to revoke this authorisation if our secured accounts receivable are in jeopardy, including, but not limited to the buyer being in default with their payments. The authorisation to collect expires without further notice at the time at which the buyer stops their payments or files an application for the opening of insolvency proceedings. After the revocation or expiration of such authorisation, we are entitled and the buyer is obliged to notify the debtor of the assigned accounts receivable about such assignment. The buyer must refrain from any collection but keep incoming amounts in a separate account for us. At our request, the buyer must provide us in writing with the contact details of the buyer of the resold delivery items and hand over to us all information and documents regarding the assigned accounts receivable. Upon request of the buyer, we undertake to release any collateral we are entitled to, insofar as the value of such collateral exceeds the secured accounts receivable by more than 20%. We reserve the right to select which collateral shall be released.
5. Extraordinary disposal of the collateral, including but not limited to possessory or non-possessory liens or assignment and security agreements, requires our prior consent. In the event of liens or other third-party claims, the buyer must inform us immediately in writing and submit to us any documents and information required for us to protect our rights. This also applies if such measures are imminent. The enforcement officer or the respective third party must be informed of our ownership. The buyer bears all costs in connection with the suspension of the seizure, lien or other type of execution and the replacement of the goods subject to retention of title, insofar as these costs cannot be collected from any third party.
6. If the buyer is in breach of contract, including but not limited to default, we are, after issuing a reminder, entitled to claim the return of the goods and the buyer is obliged to return them to us. If we terminate the contract as per section V.4 above due to an application for insolvency proceedings, we are entitled to claim the immediate return of any goods subject to retention of title.

VII. DELIVERY PERIODS

1. Delivery periods may be agreed as binding or non-binding and are required to be in writing. They do not start before receipt of (i) all required documents from the buyer, (ii) all required releases and approvals, (iii) the agreed down payments and (iv) the fulfilment of all other obligations incumbent on the buyer.
2. The delivery date is considered to be met if, by that date, the delivery items have left our site or the buyer has been informed about the readiness for dispatch of the goods. In the case of unforeseeable events which we were unable to avert despite reasonable care, the delivery period can be reasonably extended – even within the scope of a default – irrespective of whether these circumstances occurred at our site or at our sub-suppliers' site(s), rendering them unable to supply us on time, including but not limited to operational disruptions, consequences of industrial or job actions, or similar.
3. The delivery period shall be extended in particular if our non-compliance with the delivery date is due to a late or defective delivery by our suppliers to us, which presupposes that we had concluded a so-called congruent or matching supply arrangement in good time ("kongruentes Deckungsgeschäft" as per German law) with our supplier at the time of contract conclusion with the buyer. We will prove to the buyer that we had concluded any such contract with our supplier upon request.
4. If the delivery or service becomes impossible due to the events mentioned in sections 2 and 3, or if the delivery or service is delayed by more than six weeks, both the buyer and we are entitled to terminate the contract without either being subject to any claims for damages.
5. To a reasonable extent, we are entitled to make partial deliveries.

VIII. SCOPE AND EXECUTION OF DELIVERY; TRANSFER OF RISK

1. The scope of delivery is subject to our delivery note. The minimum order quantity is one packaging unit.
2. Inconsistencies in quantity must be communicated within eight days upon receipt of goods.
3. Items on stock as listed in our catalogue are available in the specified packaging units and will be delivered and invoiced accordingly. We reserve the right to change the packaging units from time to time.
4. Due to manufacturing conditions, changes of up to +/- 15% of the ordered quantity are permissible for products not held in stock.
5. We reserve the right to technical modifications of our products resulting from continuous research and development.

6. Risk passes over to the buyer when the goods are handed over to the carrier or forwarding agent, but not later than at the time of departure from our warehouse or, in the case of drop-shipping, at the time of departure from the supplier's site. This also applies to any free-of-charge deliveries. Upon express request of the buyer, we will take out insurance against shipping damage at the buyer's expense.
7. In the case of call-off (aka blanket) orders, the goods are delivered upon call-off by the buyer. Call-off periods expire 12 months as of the date of order confirmation. We are entitled to manufacture the entire order quantity at once. Requests for changes to any order after order confirmation are not possible unless this has been expressly agreed upon beforehand. Any quantities that have not been called off by the buyer by the end of the call-off period will be shipped to the buyer and invoiced upon the expiration date.

IX. CLAIMS FOR DEFECTS

1. Claims for defects are only applicable if the buyer has fulfilled all obligations pursuant to the German Commercial Code to properly examine the goods and give notice of defects. If a delivery item is defective, we undertake, at our discretion, to either deliver a defect-free item (replacement) or rectify the defect. In the event of rectification, we bear all expenses incurring from such rectification provided that costs are not increased by the delivery item having been moved to a place other than the place of performance. If the rectification or the replacement ultimately fails or is considered to have failed, the buyer is entitled to either reduce the purchase price or rescind the contract, at their own discretion. As a rule, the seller is reasonably entitled to a minimum of two attempts to replace or rectify the defects.
2. Our liability for any replaced or rectified delivery items is equal to that for the originally delivered goods. In the event of a replacement delivery, the statute of limitations for claims for defects starts anew. The statute of limitations for claims for defects is 12 months as from the time of delivery of the goods to the buyer.
3. We do not assume any liability for damages caused by the following: unsuitable or improper storage or use, faulty assembly, implementation or commissioning by the buyer or third parties, natural wear and tear, faulty or negligent handling, unsuitable operating materials, and chemical, electrochemical or electrical influences, unless they are our fault. We are not liable for any consequential damages if such damages are caused by improper modifications or maintenance work by the buyer or any third party without our prior approval.

X. LIABILITY

1. We are fully liable for damages caused by our and our vicarious agents' (as per §278 German Civil Code) willful misconduct or gross negligence. We are furthermore liable (i) for any breach of warranty, (ii) when accepting a procurement risk or any other binding assurances, (iii) in the event of culpable personal injury to life, body or health or (iv) within the scope of the German Product Liability Act. In the event of culpable breach of material contractual duties, i.e. of any such obligation that renders the proper execution of the contract possible in the

first place and the fulfilment of which the buyer can or does therefore reasonably expect, we accept liability in so far as the prerequisites for any such claim are fulfilled. The amount of liability is limited to the reasonably foreseeable damages typical for the relevant contract. We expressly exclude any further liability.

2. Insofar as our liability is excluded or limited, such exclusion or limitation also applies to the personal liability of our staff, employee representatives and vicarious agents.
3. These provisions are not intended to reverse the burden of proof.

XI. RETURN AND/OR REPLACEMENT

The buyer is entitled to return and/or have the goods replaced without stating any reason within four weeks after delivery quoting our consignment number. Goods are to be returned free of charge for us. The right to return or have the goods replaced does not affect any claims for defects pursuant to section IX above.

Processing costs will be charged at EUR 25.00. Custom-made articles are excluded from this right and may not be returned or replaced.

XII. DATA PRIVACY

1. Both the buyer and we undertake to comply with the applicable data protection laws and regulations, including but not limited to the GDPR and the Federal Data Protection Act of Germany.
2. Further information on how we process data is available in our Privacy Policy at <https://lukas-erzett.com/en/footer-navigation/privacy-note-gdpr.html> or as attached. To the extent required by the applicable data protection laws, the buyer will make such data privacy statement available to the respective employees, service providers or any other involved third parties.

XIII. PLACE OF PERFORMANCE, FORUM, APPLICABLE LAW AND PARTIAL UNENFORCEABILITY

1. Place of performance for all obligations under any contract is Engelskirchen, Germany.
2. The exclusive forum for any litigation with buyers who are registered merchants (as per German law), a legal entity under public law or so-called public special funds or assets ("öffentlich-rechtliches Sondervermögen" as per German law) is the court competent for our headquarters. We reserve the right, however, to file any action at the buyer's headquarters.
3. International deliveries are governed by German law. Regulations for the international sale or purchase of goods such as the CISG do not apply.
4. If individual provisions of these Terms or any delivery contract are or become invalid, the remaining provisions will continue to apply. If one of the provisions is or becomes partially invalid, the remaining part of such provision will continue to apply.

Issued: December 2019

CONDITIONS

List prices quoted are ex-works Engelskirchen excluding packing and value added tax. Surcharges and discounts will be individually applied to the list price.

This price list is for the sole use of the recipient, and duplication in part or whole for a third party is not permitted. In all other aspects, our general terms and conditions apply as detailed on the last page.

MINIMUM ORDER VALUE 130,00€ NET

For orders below 130,00€ net we have to invoice 15,00€ handling charge.

TERMS OF PAYMENT

14 days less 2 % cash-discount or 30 days net.

MINIMUM ORDER QUANTITY

Packing unit

SPECIAL PRODUCTION

Minimum quantity/-order quantity on request. For production reasons, excess and short deliveries of up to 15% of the ordered quantity shall be admissible for products which are not available ex stock.

CALL-OFF ORDER

Call-off orders can cover a maximum period of 12 months from the date of acknowledgement. We have the right to manufacture the complete order, and any quantity not taken by the end of the contract period will be despatched and invoiced in full.

RETURNS AND EXCHANGES

Any returns or exchanges, for whatever reason, must be received by us carriage paid within 4 weeks after receipt, stating batch number under which the goods were supplied. In such events, a handling charge of 25,00€ will apply.

TECHNICAL ALTERATIONS

We reserve the right to make any technical alterations to our products resulting from our continuous research and development programme.

Please note the contents of this and the last page to avoid any dispute.

Misprints reserved.

SAFETY SYMBOLS

These may vary depending on the product

Wear eye protection

Wear ear protection

Wear a mask

Observe safety recommendations

Wear protective gloves

Only to be used with a back-up pad

POWER TOOLS

Straight grinder

Hand-held angle grinder

Free-hand angle grinder with special protection cover

Pneumatic angle grinder

Conditioning machine

Bench grinder

Drilling machine

Flexible shaft grinder

Bench cut-off machine

Petrol cut-off machine

Manual use

OUR PRODUCT LINES

The product line is indicated with a simple star system:

High Performance

Industry

Base

OUR APPLICATION RECOMMENDATIONS

Our application recommendations are divided into

● **best suitable** and ◐ **suitable**.

● Inox/Steel

● Cast material

You can find the corresponding application recommendations for each product directly below every product table.

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