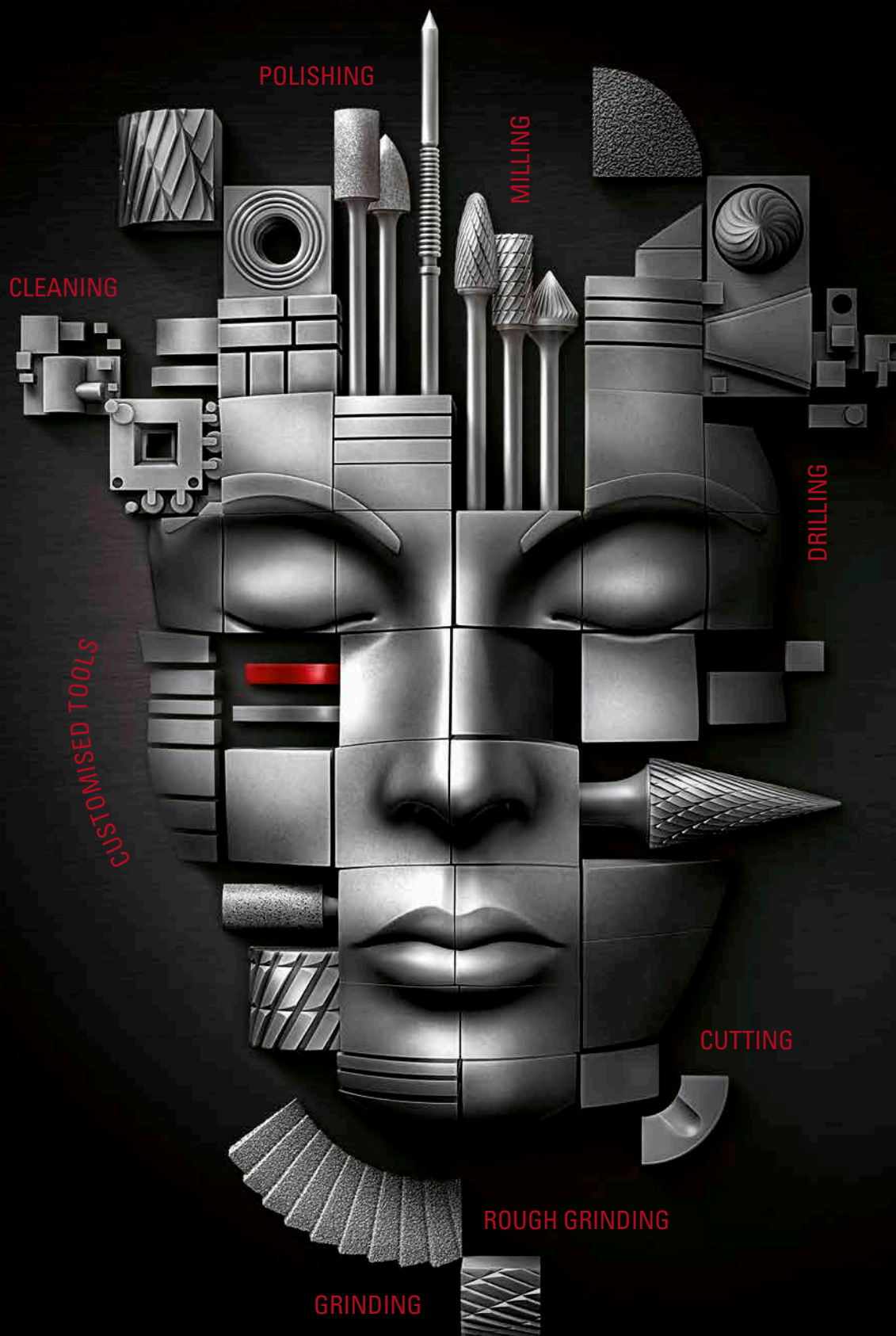


PRODUCT RANGE 2026/2027



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MILLING ▪ GRINDING ▪ POLISHING ▪ CUTTING ▪ DRILLING ▪ CLEANING ▪ ADDITIVE MANUFACTURING

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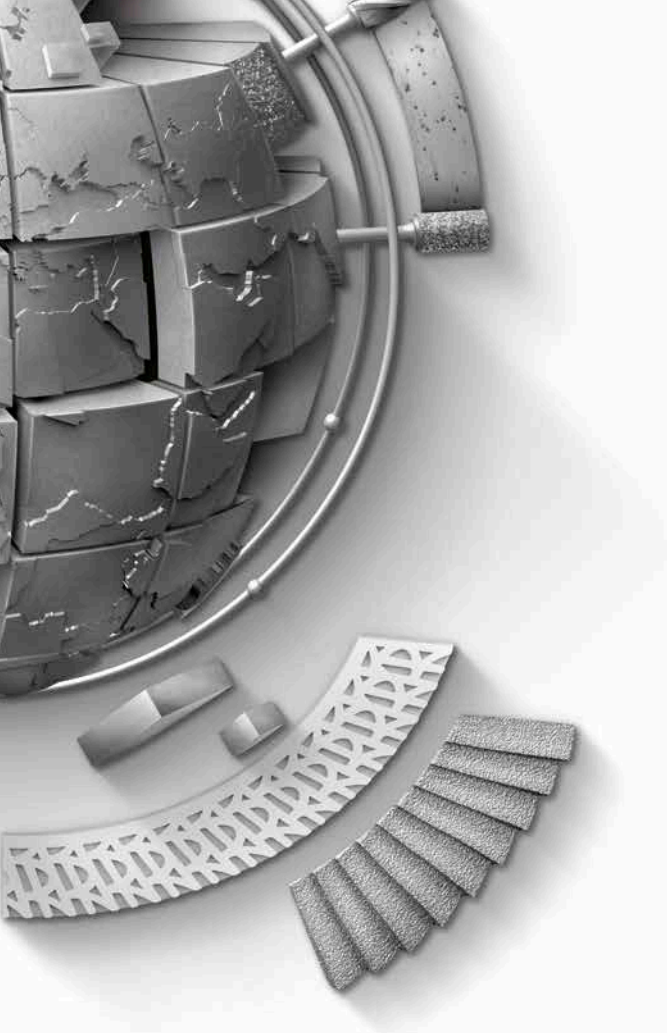
CUSTOM SOLUTIONS AND NUMEROUS
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Industry expertise that benefits you.

LUKAS tools and systems have proven themselves millions of times, and are used in over 20 sectors around the world.

- Distribution - Industrial
- Transportation
- Aerospace
- Foundries
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- Chemical and processing industries
- Steel construction, locksmiths
- Mechanical engineering
- Construction
- Medical
- Energy

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TOOLS FOR **85** YEARS



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Agile, sustainable, reliable, forward thinking.

LUKAS is all about progress. We focus on pioneering research, development and expertise, delivered by the best in the business. Our aim is to keep our customers successful for years to come.

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Service and sales that you can rely on.

Our skilled, experienced sales staff can give you detailed and professional support with any questions you may have concerning our products and services. They will even come and help you on site. For an individual consultation or a customised product, our technicians and experts are here to help you at any time. Get in touch with us!

CONTACT
US NOW





8,000

SQUARE METERS
OF LOGISTICS SPACE

MODERN LOGISTICS

Optimised processes for on-demand delivery

FAST, FLEXIBLE AND ON TIME

Our smart logistics concept takes the hard work out of your warehouse management. High delivery capability, an ultra-modern logistics centre and our speedy shipping agents ensure that the right tool is always there at the right time.

200

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EVERY YEAR

PERSONAL ON-SITE CONSULTATION

We share our knowledge for your success

Visit our TECHNIKUM – where you can have our expertise at your fingertips. Straight after the training class, you'll have a chance to put the theory into practice in our adjacent grinding centre. And if you have any specific application problems, our application and design engineers have an answer to (almost) every question.



THE RIGHT INFORMATION, ANYTIME AND ANYWHERE

Product information and more from around the world

LUKAS WEBSITE

Are you looking for information about our products, want to find out about our specialised industrial solutions, or just need the right contact partner in your sales area for questions? Our website has all the information you need. Here you can find everything you need to know about our products and services. From user seminars to advice on surface optimisation, the LUKAS website offers wide-ranging training options and background information about our products.

lukas-erzett.com



LUKAS ENQUIRY SHOP

Individual instead of arbitrary: In the LUKAS enquiry shop you will find the tool that suits your needs just perfectly. Precisely coordinated, efficiently handled and offered according to schedule. Ideal for everyone who wants to clarify technical requirements and quantity scales or project-specific specifications quickly and reliably. Rely on efficient, future-oriented tool solutions with LUKAS. Our team personally checks every enquiry, coordinates alternatives and provides for transparent offers – directly and without any queries. Whether you want to test and compare or need the right solution to use right away: our enquiry shop has the right tool you need for every job.

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4,500

PRODUCTS READY FOR
SHIPMENT ACROSS EUROPE
WITHIN 48 HOURS



LUKAS MOBILE

Our “technical centre on wheels” – the LUKAS van – has everything on board that you need for a professional tool seminar. Why not use our LUKAS van for a time-saving staff training session at your own premises?

365

DAYS A YEAR AND AROUND THE
CLOCK ONLINE ENQUIRIES

LUKAS ON YOUTUBE

Applications, webinars and product presentations from various industries are presented on the LUKAS-YouTube channel. The videos focus on innovative approaches and constantly developing new solutions for our customers.



VISIT US AT
YOUTUBE!



LUKAS AND SOCIAL MEDIA

Get the latest information about our trade fairs, new products and everything that is going on in our company. Our social media channel provides exciting news from LUKAS every day, including videos and pictures from the world of tool production.





EXPERTISE WITH A HUMAN TOUCH

LUKAS service and sales staff are just a call away worldwide

We want our tools to increase your efficiency and success. We know the challenges you face in your day-to-day work. Our experienced LUKAS sales staff have the technical expertise required to give you advice on the phone. They can also

come to you to co-develop the right product and application solutions with you. We speak your language and can help you find the right tool for the job. Get in touch with us!

- expert technical consultation
- local contact partners
- collaborative consultation
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- help and advice in the event of problems

Contact our sales team at:

le@lukas-erzett.de

20

SECTORS AND INDUSTRIES
PUT THEIR TRUST IN OUR
QUALITY AND EXPERIENCE



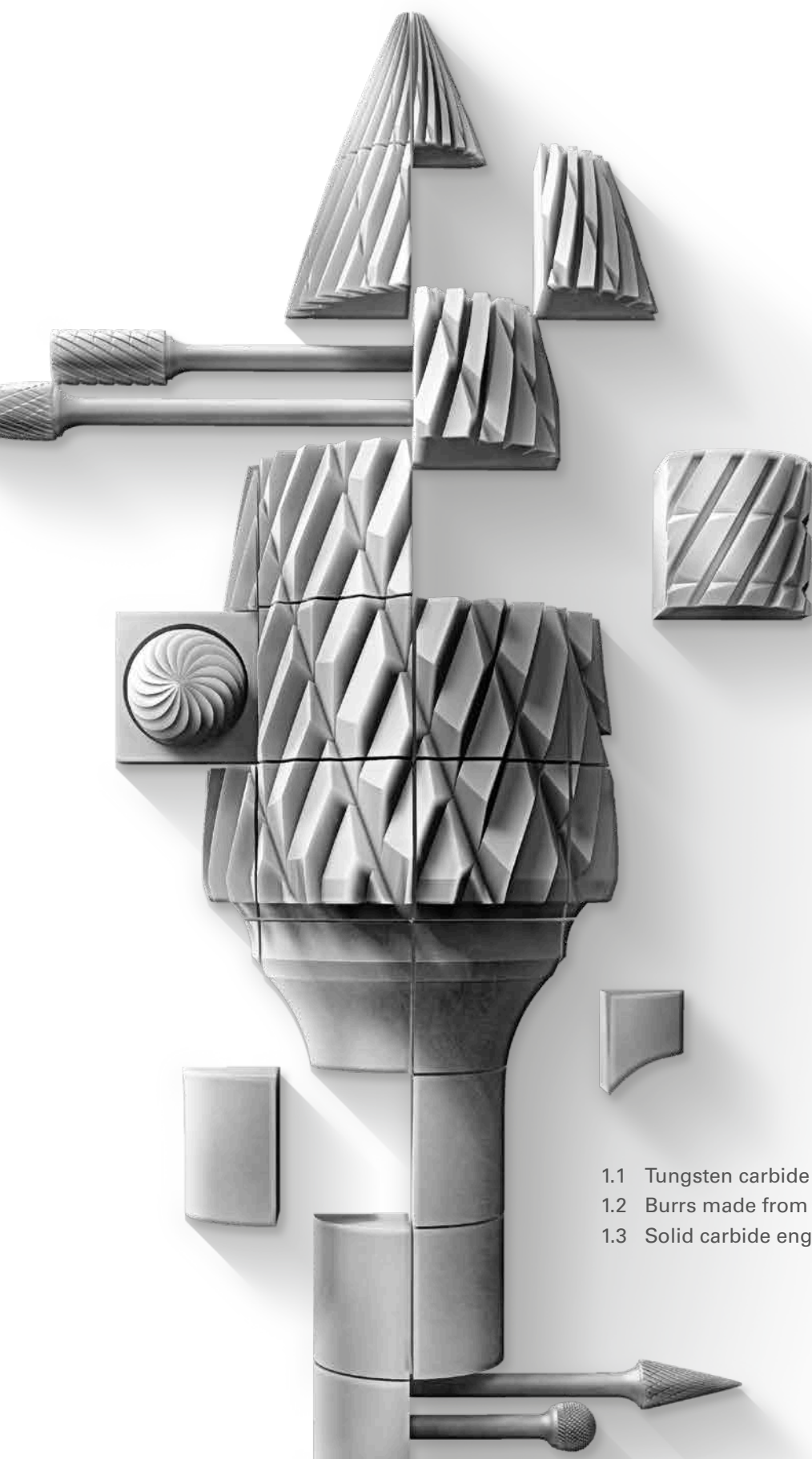
TOP-LEVEL QUALITY

LUKAS is dedicated to quality

We do not just talk about quality – we let it speak for itself, every day, and in everything we do. This makes LUKAS tools a safe, reliable factor in your manufacturing process and ensures the best possible production quality.



- made in Germany
- premium raw materials
- modern testing facilities
- quality management system to ISO 9001:2015
- active member of industry associations



MILLING

- 1.1 Tungsten carbide burrs
- 1.2 Burrs made from HSS
- 1.3 Solid carbide engraving cutters

14–51
52–62
63–64

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS tungsten carbide burrs

QUALITY

LUKAS carbide burrs are manufactured using high-quality solid carbides on modern CNC automatic grinding machines in order to guarantee precision and repeatability of angle, profile and twist. We manufacture solid carbide burrs to your drawings and specifications to help you solve difficult stock removal problems.

APPLICATION

Selecting the right cut and speed is key for achieving the best results when working with a variety of materials. Please refer to the tables for cut and cutting speed on **page 17**.

POWER TOOLS

Electrical or pneumatic tools, with bearings and collets that are in good condition and run true, are key to getting perfect results. Vibration and chatter will cause premature wear and tooth breakage. Excessive working pressure will increase wear but not increase performance.

SHANKS

For safety reasons, always choose the largest shank diameter available from the table. All burr shanks from LUKAS have a shank diameter tolerance of h9 to ensure safe and smooth assembly. Other shank lengths and diameters are available upon request. See **pages 42–44** for a selection of burrs with extra-long shank.

ROBOT APPLICATION

LUKAS solid carbide burrs are precision tools that have proven themselves in deburring work with industrial robots. We can also develop the perfect tool to suit your application.

SPECIAL TOOLS

We manufacture solid carbide burrs to your drawings and specifications to help you solve difficult stock removal problems.

PACKAGING

We use plastic packaging. Please refer to the product tables for the respective packaging units.

RECOMMENDATIONS FOR USE

Select the cut according to the material to be machined. The rule of thumb is: **the harder the material, the finer the cut.**


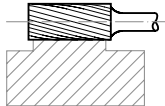

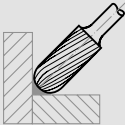

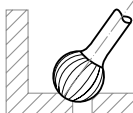

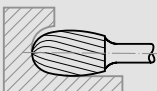
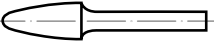
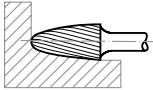

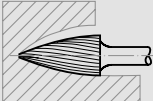

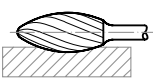
Selecting the right speed is key when it comes to achieving perfect working results and long tool life. The following pages contain information that can help you determine the right speed for your process.


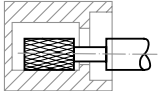
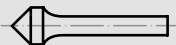
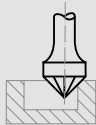

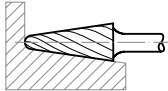

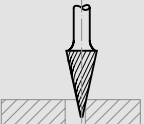
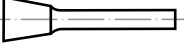
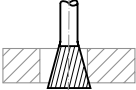
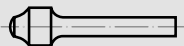
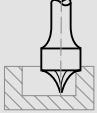
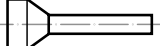
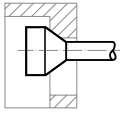
Use the highest speeds possible within the ranges listed. **Speeds that are too low cause vibration, chipping and premature wear!** Reduce the speed of the burrs only when working with large contact angles or materials with low heat conductivity. **Never allow blue discolouration to appear on the shank and head.** For safety reasons, the use of longer shanks requires lower speeds.

Always ensure the settings of your power tool are properly adjusted for the job and material at hand. Avoid a reduction in speed caused by insufficient drive power, especially when using pneumatic machines. Only use collets that run true. Run-out and vibration will result in chipping and premature wear. For the same reasons, make sure that the machine bearings are in perfect condition. To avoid vibrations and shank breakage, select the shortest shank overhang possible.

SHAPE

A summary of available shapes

| Shape | | Application |
|---|--------------------------------------|---|
|  | HFA Cylindrical |  |
|  | HFC Cylindrical round nose |  |
|  | HFD Spherical |  |
|  | HFE Oval |  |
|  | HFF Arch round nose |  |
|  | HFG Arch pointed nose |  |
|  | HFH Flame |  |

| Shape | | Application |
|--|--|---|
|  | HFI Internal |  |
|  | HFJ Counter sink |  |
|  | HFL Conical round nose |  |
|  | HFM Conical pointed nose |  |
|  | HFN Inverted cone |  |
|  | HFR Burrs for radius trimming (external) |  |
|  | HFT Burrs for radius trimming (internal) |  |

LUKAS BURR SETS

Have the right tool for any application. Choose from our assortment of burrs to try out, test, for your toolbox and much more on **page 46**.

RECOMMENDATIONS FOR USE AND CUTS

Three steps to your perfect tungsten carbide burr

STEP 1

Begin by selecting the right **material** and **machining mode** (coarse to fine) from the table.

STEP 2

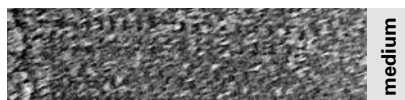
Read off the recommended **cut** and **cutting speed**.

| Material | Strength (N/mm ²) | Machining | Cut | Recommended cutting speed v_c (m/min) |
|---------------------|-------------------------------|-----------|--------------------------------------|---|
| ● Steel, cast steel | up to 800 | coarse | Z3, Z7 Steel, ZX | 500–700 |
| | | medium | Z5, Z42 Inox/Steel | 300–500 |
| | | fine | ZF3 | 500–700 |
| | 800 to 1,200 | coarse | Z7 Steel, ZX | 400–600 |
| | | medium | Z5 | 300–400 |
| | | fine | ZF3 | 400–600 |
| | from 1,200 | coarse | Z7 Steel, Z4 | 300–500 |
| | | medium | Z5 | 300–400 |
| | | fine | ZF3 | 400–600 |
| ● Stainless steel | up to 800 | coarse | Z2, Z6 | 400–500 |
| | | medium | Z3, Z7 Steel, Z4, Z5, Z42 Inox/Steel | 300–500 |
| | | fine | ZF3 | 400–600 |
| ● Cast material | 150 to 300 | coarse | Cast, Z6 | 400–600 |
| | | medium | Z7 Steel | 300–500 |
| | 300 to 450 | coarse | Cast, Z7 Steel | 300–500 |
| | | medium | Z5 | 300–500 |
| | | fine | ZF3 | 400–700 |
| ● Aluminium | up to 450 | coarse | Z9 Alu | 600–1,000 |
| | | medium | Z1 | 500–900 |
| ● Brass and bronze | up to 450 | coarse | Z9 Alu, Z1 | 400–800 |
| | from 450 | medium | Z2 | 400–600 |
| | | fine | ZF3 | 500–600 |
| ● Titanium | up to 900 | coarse | Z6 | 300–500 |
| | | medium | Z7 Steel | 300–400 |
| | | fine | ZF3 | 500–700 |
| | 900 to 1,500 | coarse | Z4 | 300–400 |
| | | medium | Z5 | 400–500 |
| | | fine | ZF3 | 400–600 |
| ● Plastic and wood | 20 to 400 | coarse | Composite Coarse/ Fine, Z1, Z9 Alu | 600–1,000 |
| | | fine | Composite Coarse/ Fine, Wood | 500–900 |
| | 400 to 1,000 | coarse | Composite Coarse/ Fine, Z1 | 500–800 |
| | | fine | Composite Coarse/ Fine, Z2, Wood | 400–800 |

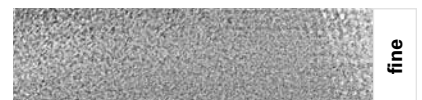
MACHINING



coarse



medium



fine

STEP 3




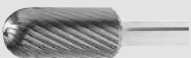

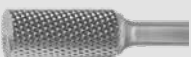

Determine the appropriate **speed** for your power tool in the second table, based on the tool diameter and cutting speed.

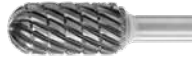
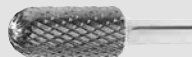



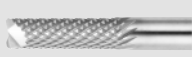

| Recommended cutting speed v_c (m/min) | | | | | | | | | |
|---|----|--------|--------|--------|--------|---------|---------|---------|---------|
| | | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1,000 |
| Tool diameter (mm) | 2 | 48,000 | 64,000 | 80,000 | 95,000 | 111,000 | 127,000 | 143,000 | 159,000 |
| | 3 | 32,000 | 42,000 | 53,000 | 64,000 | 74,000 | 85,000 | 95,000 | 106,000 |
| | 4 | 24,000 | 32,000 | 40,000 | 48,000 | 56,000 | 64,000 | 72,000 | 80,000 |
| | 6 | 16,000 | 21,000 | 27,000 | 32,000 | 37,000 | 42,000 | 48,000 | 53,000 |
| | 8 | 12,000 | 16,000 | 20,000 | 24,000 | 28,000 | 32,000 | 36,000 | 40,000 |
| | 10 | 10,000 | 13,000 | 16,000 | 19,000 | 22,000 | 25,000 | 29,000 | 32,000 |
| | 12 | 8,000 | 11,000 | 13,000 | 16,000 | 19,000 | 21,000 | 24,000 | 27,000 |
| | 16 | 6,000 | 8,000 | 10,000 | 12,000 | 14,000 | 16,000 | 18,000 | 20,000 |
| | 20 | 5,000 | 6,000 | 8,000 | 10,000 | 11,000 | 13,000 | 14,000 | 16,000 |
| Speed (rpm) | | | | | | | | | |

TIP: You can find the full overview of shapes for your perfect burr on **page 15**.



CUTS

| Cut | | Properties | Page |
|---|------------|---|------------------|
|  | Z9 Alu | very coarse single cut with faceting for soft materials | 35/36 |
|  | Z1 | coarse cut for soft materials | 34 |
|  | Z2 Brass | robust single cut for high stock removal | 33 |
|  | Z3 | medium single cut | 28/29, 40/41, 43 |
|  | Z5 Hard | very fine single cut for high-quality surfaces | 27, 38/39 |
|  | ZF1 to ZF3 | fine cross cuts from coarse to very fine for perfect surfaces | 37/38 |
|  | Wood | rasp cut for pattern construction | 32 |

| Cut | | Properties | Page |
|--|---------------------------|--|------------------|
|  | Z42 Inox/Steel | robust faceted toothing for Inox and steel | 35/36 |
|  | Z4 | fine cross cut for hard materials | 34 |
|  | Z6 | robust cross cut | 33 |
|  | Z7 Steel | medium cross cut | 28/29, 40/41, 43 |
|  | Cast | robust cross cut specially designed for cast materials | 27, 38/39 |
|  | Composite Coarse and Fine | cross cut for machining plastic | 37/38 |
|  | ZX | universal cross cut for almost all applications | 32 |

COATINGS


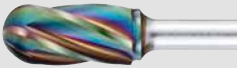


Custom optimisation with LUKAS coatings

The use of hard coatings like TiN, TiCN and TiAlN on cutting tools from LUKAS can help:

- increase tool life
- make the tool more efficient and reduce machine load
- improve chip removal

The increase in tool life is mainly the result of the considerably higher surface hardness of the coating in comparison to the base material of the tool itself. The high chemical stability of the coatings also minimises reactions between the cutting edge of the tool and the chip.

The reduction of machine load and the improvement in chip removal are achieved through a reduction in the friction between the free cutting zone of the tool and workpiece on the one hand, and the cutting edge of the tool and the chip removed on the other. The reduction in friction is due to the coating improving the surface finish and largely preventing chemical reactions. Our technicians would be pleased to help you in the selection of the correct coating.

| | Special feature | Properties | Coating | Friction on steel μm |
|--|---|---|---|---------------------------------|
| HeavyDuty  | suitable for extreme thermal and mechanical shock loads | <ul style="list-style-type: none"> ■ high-performance coating with high hardness and low heat conductivity for use when machining highly abrasive and hard materials (such as steel, non-rusting steels and stainless steel) ■ for milling under extreme conditions ■ for high-performance cutting | TiAlN (titanium aluminium nitride) see page 19 | 0.30–0.35 |
| LightFlow  | easy chip removal | <ul style="list-style-type: none"> ■ combines high wear resistance with outstanding friction and non-stick properties when used on graphite, aluminium, copper, carbon, wood and titanium alloys ■ perfect surface treatment for significantly reduced wear | TT®-ta-C (carbon layer made from solid carbon) see page 35 | 0.05–0.10 (dry) |
| ThermoShock*  | high and sudden thermal shock loads | <ul style="list-style-type: none"> ■ wear-resistant coating, particularly well suited to machining difficult-to-process steel alloys (high and low-alloy steels) ■ for fine deburring | TiCN (titanium carbon nitride) | 0.10–0.20 |
| AllCoat*  | general purpose | <ul style="list-style-type: none"> ■ general-purpose wear protection when machining ferrous metals (like steel and cast iron) and plastic ■ high toughness ■ food safe ■ biocompatible | TiN (titanium nitride) | 0.65–0.70 |

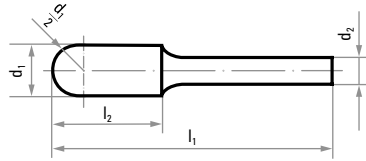
* upon request



Z7 Steel burr with HeavyDuty coating

MILLING

- high-performance coating for processing very hard and abrasive materials
- for extreme applications
- for high thermal and mechanical shock loads

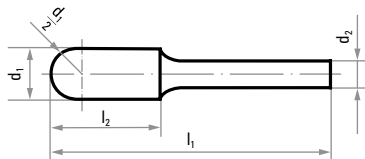
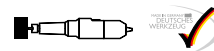


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| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-------------------|--------------|-------|----------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010616608TIALN | HFA 0616.06 | | Z7 Steel | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820608TIALN | HFA 0820.06 | | Z7 Steel | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020608TIALN | HFA 1020.06 | | Z7 Steel | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10010820608TIAL1 | HFAS 0820.06 | | Z7 Steel | ZYA-S 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020608TIAL1 | HFAS 1020.06 | | Z7 Steel | ZYA-S 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011225608TIAL1 | HFAS 1225.06 | | Z7 Steel | ZYA-S 1225 | 12 | 25 | 6 | 65 | 1 |
| A10020616608TIALN | HFC 0616.06 | | Z7 Steel | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820608TIALN | HFC 0820.06 | | Z7 Steel | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020608TIALN | HFC 1020.06 | | Z7 Steel | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021225608TIALN | HFC 1225.06 | | Z7 Steel | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10030606608TIALN | HFD 0605.06 | | Z7 Steel | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030808608TIALN | HFD 0807.06 | | Z7 Steel | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031010608TIALN | HFD 1009.06 | | Z7 Steel | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031210608TIALN | HFD 1210.06 | | Z7 Steel | KUD 1210 | 12 | 10 | 6 | 50 | 1 NEW |
| A10031614608TIALN | HFD 1614.06 | | Z7 Steel | KUD 1614 | 16 | 14 | 6 | 54 | 1 NEW |
| A50101020608TIALN | HFF 1020.06 | | Z7 Steel | RBF 1020 | 10 | 20 | 6 | 60 | 1 NEW |
| A10101225608TIALN | HFF 1225.06 | | Z7 Steel | RBF 1225 | 12 | 25 | 6 | 65 | 1 |
| A50101225808TIALN | HFF 1225.08 | | Z7 Steel | RBF 1225 | 12 | 25 | 8 | 65 | 1 NEW |
| A50040313308TIALN | HFG 0313.03 | | Z7 Steel | SPG 0313 | 3 | 13 | 3 | 40 | 1 NEW |
| A10040618608TIALN | HFG 0618.06 | | Z7 Steel | SPG 0618 | 6 | 18 | 6 | 50 | 1 |
| A10041020608TIALN | HFG 1020.06 | | Z7 Steel | SPG 1020 | 10 | 20 | 6 | 60 | 1 |
| A10041225608TIALN | HFG 1225.06 | | Z7 Steel | SPG 1225 | 12 | 25 | 6 | 65 | 1 |
| A10041630608TIALN | HFG 1630.06 | | Z7 Steel | SPG 1630 | 16 | 30 | 6 | 70 | 1 |
| A10090820608TIALN | HFH 0820.06 | | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 |
| A10091230608TIALN | HFH 1230.06 | | Z7 Steel | – | 12 | 30 | 6 | 70 | 1 |
| A10071020608TIALN | HFL 1020.06 | | Z7 Steel | KEL 1020 | 10 | 20 | 6 | 60 | 1 |
| A10051020608TIALN | HFM 1020.06 | | Z7 Steel | SKM 1020 | 10 | 20 | 6 | 60 | 1 |

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

Z7 Steel burr


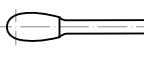
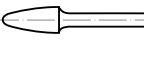
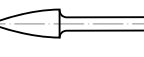

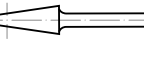
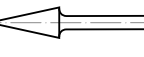
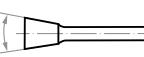


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- Thanks to the central cross cut, this burr is perfect for use on steel.
- Our choice of shapes lets you find the right tool for every application.

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------------|--------------|-------|----------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010313308 | HFA 0313.03 | | Z7 Steel | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010413608 | HFA 0413.06 | | Z7 Steel | ZYA 0413 | 4 | 13 | 6 | 50 | 1 |
| A10010613308 | HFA 0613.03 | | Z7 Steel | ZYA 0613 | 6 | 13 | 3 | 43 | 1 |
| A10010616608 | HFA 0616.06 | | Z7 Steel | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820608 | HFA 0820.06 | | Z7 Steel | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020608 | HFA 1020.06 | | Z7 Steel | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011025608 | HFA 1025.06 | | Z7 Steel | ZYA 1025 | 10 | 25 | 6 | 65 | 1 |
| A10011225608 | HFA 1225.06 | | Z7 Steel | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A10011625608 | HFA 1625.06 | | Z7 Steel | ZYA 1625 | 16 | 25 | 6 | 65 | 1 |
| A100103133080001 | HFAS 0313.03 | | Z7 Steel | ZYA-S 0313 | 3 | 13 | 3 | 40 | 1 |
| A100104136080001 | HFAS 0413.06 | | Z7 Steel | ZYA-S 0413 | 4 | 13 | 6 | 50 | 1 |
| A100106133080001 | HFAS 0613.03 | | Z7 Steel | ZYA-S 0613 | 6 | 13 | 3 | 43 | 1 |
| A100106166080001 | HFAS 0616.06 | | Z7 Steel | ZYA-S 0616 | 6 | 16 | 6 | 50 | 1 |
| A100108206080001 | HFAS 0820.06 | | Z7 Steel | ZYA-S 0820 | 8 | 20 | 6 | 60 | 1 |
| A100110136080001 | HFAS 1013.06 | | Z7 Steel | ZYA-S 1013 | 10 | 13 | 6 | 53 | 1 |
| A100110206080001 | HFAS 1020.06 | | Z7 Steel | ZYA-S 1020 | 10 | 20 | 6 | 60 | 1 |
| A100110256080001 | HFAS 1025.06 | | Z7 Steel | ZYA-S 1025 | 10 | 5 | 6 | 65 | 1 |
| A100112256080001 | HFAS 1225.06 | | Z7 Steel | ZYA-S 1225 | 12 | 25 | 6 | 65 | 1 |
| A100112258080001 | HFAS 1225.08 | | Z7 Steel | ZYA-S 1225 | 12 | 25 | 8 | 65 | 1 |
| A100116256080001 | HFAS 1625.06 | | Z7 Steel | ZYA-S 1625 | 16 | 25 | 6 | 65 | 1 |
| A10020210308 | HFC 0210.03 | | Z7 Steel | WRC 0210 | 2 | 10 | 3 | 40 | 1 |
| A10020313308 | HFC 0313.03 | | Z7 Steel | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020413608 | HFC 0413.06 | | Z7 Steel | WRC 0413 | 4 | 13 | 6 | 50 | 1 |
| A10020613308 | HFC 0613.03 | | Z7 Steel | WRC 0613 | 6 | 13 | 3 | 43 | 1 |
| A10020616608 | HFC 0616.06 | | Z7 Steel | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820608 | HFC 0820.06 | | Z7 Steel | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020608 | HFC 1020.06 | | Z7 Steel | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021025608 | HFC 1025.06 | | Z7 Steel | WRC 1025 | 10 | 25 | 6 | 65 | 1 |
| A10021225608 | HFC 1225.06 | | Z7 Steel | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10021225808 | HFC 1225.08 | | Z7 Steel | WRC 1225 | 12 | 25 | 8 | 65 | 1 |
| A10021625608 | HFC 1625.06 | | Z7 Steel | WRC 1625 | 16 | 25 | 6 | 65 | 1 |
| A10030303308 | HFD 0302.03 | | Z7 Steel | KUD 0302 | 3 | 2 | 3 | 40 | 1 |
| A100304043080001 | HFD 0403.03 | | Z7 Steel | KUD 0403 | 4 | 3 | 3 | 34 | 1 |
| A10030404608 | HFD 0403.06 | | Z7 Steel | KUD 0403 | 4 | 3 | 6 | 50 | 1 |
| NEW A500305043080001 | HFD 0504.03 | | Z7 Steel | KUD 0504 | 5 | 4 | 3 | 75 | 1 |
| A10030606308 | HFD 0605.03 | | Z7 Steel | KUD 0605 | 6 | 5 | 3 | 35 | 1 |
| A10030606608 | HFD 0605.06 | | Z7 Steel | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030808608 | HFD 0807.06 | | Z7 Steel | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031010608 | HFD 1009.06 | | Z7 Steel | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031212608 | HFD 1210.06 | | Z7 Steel | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10031210808 | HFD 1210.08 | | Z7 Steel | KUD 1210 | 12 | 10 | 8 | 51 | 1 |
| A10031616608 | HFD 1614.06 | | Z7 Steel | KUD 1614 | 16 | 14 | 6 | 54 | 1 |

Recommended for: ● Steel ● Cast material ● Titanium

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | |
|------------------|-------------|---|----------|---------------------|----------------------|----------------------|----------------------|----------------------|---------------|---------------|
| A50031614808 | HFD 1614.08 |  | Z7 Steel | KUD 1614 | 16 | 14 | 8 | 54 | 1 | NEW |
| A10032020608 | HFD 2018.06 | | Z7 Steel | KUD 2018 | 20 | 18 | 6 | 58 | 1 | |
| A500320188080001 | HFD 2018.08 | | Z7 Steel | KUD 2018 | 20 | 18 | 8 | 58 | 1 | NEW |
| A10060307308 | HFE 0307.03 |  | Z7 Steel | TRE 0307 | 3 | 7 | 3 | 40 | 1 | |
| A10060610308 | HFE 0610.03 | | Z7 Steel | TRE 0610 | 6 | 10 | 3 | 40 | 1 | |
| A10060610608 | HFE 0610.06 | | Z7 Steel | TRE 0610 | 6 | 10 | 6 | 50 | 1 | |
| A10060813608 | HFE 0813.06 | | Z7 Steel | TRE 0813 | 8 | 13 | 6 | 53 | 1 | |
| A10061220608 | HFE 1220.06 | | Z7 Steel | TRE 1220 | 12 | 20 | 6 | 60 | 1 | |
| A10061625608 | HFE 1625.06 |  | Z7 Steel | TRE 1625 | 16 | 25 | 6 | 65 | 1 | |
| A10100313308 | HFF 0313.03 | | Z7 Steel | RBF 0313 | 3 | 13 | 3 | 40 | 1 | |
| A10100613308 | HFF 0613.03 | | Z7 Steel | RBF 0613 | 6 | 13 | 3 | 43 | 1 | |
| A10100618608 | HFF 0618.06 | | Z7 Steel | RBF 0618 | 6 | 18 | 6 | 50 | 1 | |
| A10100820608 | HFF 0820.06 | | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 | |
| A10101020608 | HFF 1020.06 | | Z7 Steel | RBF 1020 | 10 | 20 | 6 | 60 | 1 | |
| A10101225608 | HFF 1225.06 | | Z7 Steel | RBF 1225 | 12 | 25 | 6 | 65 | 1 | |
| A10101225808 | HFF 1225.08 | | Z7 Steel | RBF 1225 | 12 | 25 | 8 | 65 | 1 | |
| A10101230608 | HFF 1230.06 | | Z7 Steel | RBF 1230 | 12 | 30 | 6 | 70 | 1 | |
| A10101630608 | HFF 1630.06 | | Z7 Steel | RBF 1630 | 16 | 30 | 6 | 70 | 1 | |
| A50101630808 | HFF 1630.08 |  | Z7 Steel | RBF 1630 | 16 | 30 | 8 | 70 | 1 | NEW |
| A10040307308 | HFG 0307.03 | | Z7 Steel | SPG 0307 | 3 | 7 | 3 | 40 | 1 | |
| A10040313308 | HFG 0313.03 | | Z7 Steel | SPG 0313 | 3 | 13 | 3 | 40 | 1 | |
| A10040613308 | HFG 0613.03 | | Z7 Steel | SPG 0613 | 6 | 13 | 3 | 43 | 1 | |
| A10040618608 | HFG 0618.06 | | Z7 Steel | SPG 0618 | 6 | 18 | 6 | 50 | 1 | |
| A10040820608 | HFG 0820.06 | | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 | |
| A10041020608 | HFG 1020.06 | | Z7 Steel | SPG 1020 | 10 | 20 | 6 | 60 | 1 | |
| A10041220608 | HFG 1220.06 | | Z7 Steel | SPG 1220 | 12 | 20 | 6 | 60 | 1 | |
| A10041225608 | HFG 1225.06 | | Z7 Steel | SPG 1225 | 12 | 25 | 6 | 65 | 1 | |
| A10041230608 | HFG 1230.06 | | Z7 Steel | SPG 1230 | 12 | 30 | 6 | 70 | 1 | |
| A10041630608 | HFG 1630.06 |  | Z7 Steel | SPG 1630 | 16 | 30 | 6 | 70 | 1 | |
| A10090613308 | HFH 0613.03 | | Z7 Steel | – | 6 | 13 | 3 | 43 | 1 | |
| A10090820608 | HFH 0820.06 | | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 | |
| A10091230608 | HFH 1230.06 | | Z7 Steel | – | 12 | 30 | 6 | 70 | 1 | |
| A10091635608 | HFH 1635.06 | | Z7 Steel | – | 16 | 35 | 6 | 75 | 1 | |
| A10070820608 | HFL 0820.06 |  | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 | |
| A10071020608 | HFL 1020.06 | | Z7 Steel | KEL 1020 | 10 | 20 | 6 | 60 | 1 | |
| A10071225608 | HFL 1225.06 | | Z7 Steel | KEL 1225 | 12 | 25 | 6 | 65 | 1 | |
| A10071230608 | HFL 1230.06 | | Z7 Steel | KEL 1230 | 12 | 30 | 6 | 70 | 1 | |
| A10071630608 | HFL 1630.06 |  | Z7 Steel | KEL 1630 | 16 | 30 | 6 | 70 | 1 | |
| A10050307308 | HFM 0307.03 | | Z7 Steel | SKM 0307 | 3 | 7 | 3 | 40 | 1 | |
| A10050311308 | HFM 0311.03 | | Z7 Steel | SKM 0311 | 3 | 11 | 3 | 40 | 1 | |
| A10050613308 | HFM 0613.03 | | Z7 Steel | SKM 0613 | 6 | 13 | 3 | 43 | 1 | |
| A10050618608 | HFM 0618.06 | | Z7 Steel | SKM 0618 | 6 | 18 | 6 | 50 | 1 | |
| A10050820608 | HFM 0820.06 | | Z7 Steel | – | 8 | 20 | 6 | 60 | 1 | |
| A10051020608 | HFM 1020.06 | | Z7 Steel | SKM 1020 | 10 | 20 | 6 | 60 | 1 | |
| A10051225608 | HFM 1225.06 | | Z7 Steel | SKM 1225 | 12 | 25 | 6 | 65 | 1 | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | α | Pack contains |
| A10120307308 | HFN 0307.03 |  | Z7 Steel | WKN 0307 | 3 | 7 | 3 | 40 | 10° | 1 |

Recommended for: ● Steel ● Cast material ● Titanium

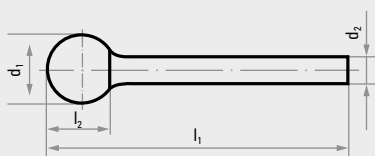
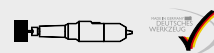
TWO MATERIALS – ONE BURR

PERFECTLY PROCESS STEEL AND STAINLESS STEEL WITH JUST A SINGLE BURR

The new cut profile of the Z42 Inox/Steel burr cuts the two most important materials steel and inox quickly and reliably. The robust tooth geometry with faceting prevents chipping and guarantees high removal rates. This helps you save time and equipment costs. The improved chip breaker allows you to work even more ergonomically while achieving the best surface yet.



Z42 Inox / Steel burr



- high chip volume thanks to coarse cut for quick working
- faceted toothing for perfect surface results
- smoothly running, low-vibration tool without chatter thanks to improved cutting angle

★★★

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|-------------|-------|----------------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010616620 | HFA 0616.06 | | Z42 Inox/Steel | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820620 | HFA 0820.06 | | Z42 Inox/Steel | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020620 | HFA 1020.06 | | Z42 Inox/Steel | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011225620 | HFA 1225.06 | | Z42 Inox/Steel | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A10020616620 | HFC 0616.06 | | Z42 Inox/Steel | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820620 | HFC 0820.06 | | Z42 Inox/Steel | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020620 | HFC 1020.06 | | Z42 Inox/Steel | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021225620 | HFC 1225.06 | | Z42 Inox/Steel | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10030605620 | HFD 0605.06 | | Z42 Inox/Steel | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030807620 | HFD 0807.06 | | Z42 Inox/Steel | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031009620 | HFD 1009.06 | | Z42 Inox/Steel | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031210620 | HFD 1210.06 | | Z42 Inox/Steel | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10100618620 | HFF 0618.06 | | Z42 Inox/Steel | RBF 0618 | 6 | 18 | 6 | 50 | 1 |
| A10100820620 | HFF 0820.06 | | Z42 Inox/Steel | – | 8 | 20 | 6 | 60 | 1 |
| A10101020620 | HFF 1020.06 | | Z42 Inox/Steel | RBF 1020 | 10 | 20 | 6 | 60 | 1 |
| A10101225620 | HFF 1225.06 | | Z42 Inox/Steel | RBF 1225 | 12 | 25 | 6 | 65 | 1 |
| A10040618620 | HFG 0618.06 | | Z42 Inox/Steel | SPG 0618 | 6 | 18 | 6 | 50 | 1 |
| A10040820620 | HFG 0820.06 | | Z42 Inox/Steel | – | 8 | 20 | 6 | 60 | 1 |
| A10041020620 | HFG 1020.06 | | Z42 Inox/Steel | SPG 1020 | 10 | 20 | 6 | 60 | 1 |
| A10041225620 | HFG 1225.06 | | Z42 Inox/Steel | SPG 1225 | 12 | 25 | 6 | 65 | 1 |
| A10050618620 | HFM 0618.06 | | Z42 Inox/Steel | SKM 0618 | 6 | 18 | 6 | 50 | 1 |
| A10050820620 | HFM 0820.06 | | Z42 Inox/Steel | – | 8 | 20 | 6 | 60 | 1 |
| A10051020620 | HFM 1020.06 | | Z42 Inox/Steel | SKM 1020 | 10 | 20 | 6 | 60 | 1 |
| A10051225620 | HFM 1225.06 | | Z42 Inox/Steel | SKM 1225 | 12 | 25 | 6 | 65 | 1 |

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

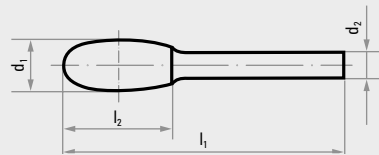
CAST – THE BURR FOR CAST MATERIAL

FOR HIGH REMOVAL RATES ON CAST MATERIALS

With its faceted toothing, the Cast burr for cast material achieves a high degree of stock removal with manual machining – in other words, a large chip volume in a short time. The tool can be guided smoothly and easily in the process. No chipping occurs, even with excessive force. The proven tungsten carbide quality and a reliable soldered joint round off the tool. You can therefore work safely and productively!



- perfect for cleaning, deburring and chamfering
- high stock removal capability
- long tool life
- ergonomic and smooth running



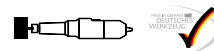
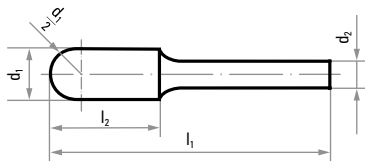
Cast burr

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| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010616621 | HFA 0616.06 | | Cast | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820621 | HFA 0820.06 | | Cast | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020621 | HFA 1020.06 | | Cast | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011225621 | HFA 1225.06 | | Cast | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A500106166210001 | HFAS 0616.06 | | Cast | ZYA-S | 6 | 16 | 6 | 50 | 1 NEW |
| A10020616621 | HFC 0616.06 | | Cast | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820621 | HFC 0820.06 | | Cast | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020621 | HFC 1020.06 | | Cast | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021225621 | HFC 1225.06 | | Cast | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10030605621 | HFD 0605.06 | | Cast | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030807621 | HFD 0807.06 | | Cast | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031009621 | HFD 1009.06 | | Cast | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031210621 | HFD 1210.06 | | Cast | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10060610621 | HFE 0610.06 | | Cast | TRE 0610 | 6 | 10 | 6 | 50 | 1 |
| A10060813621 | HFE 0813.06 | | Cast | TRE 0813 | 8 | 13 | 6 | 53 | 1 |
| A10061016621 | HFE 1016.06 | | Cast | TRE 1016 | 10 | 16 | 6 | 56 | 1 |
| A10061220621 | HFE 1220.06 | | Cast | TRE 1220 | 12 | 20 | 6 | 60 | 1 |
| A10100618621 | HFF 0618.06 | | Cast | RBF 0618 | 6 | 18 | 6 | 50 | 1 |
| A10100820621 | HFF 0820.06 | | Cast | – | 8 | 20 | 6 | 60 | 1 |
| A10101020621 | HFF 1020.06 | | Cast | RBF 1020 | 10 | 20 | 6 | 60 | 1 |
| A10101225621 | HFF 1225.06 | | Cast | RBF 1225 | 12 | 25 | 6 | 65 | 1 |
| A10040618621 | HFG 0618.06 | | Cast | SPG 0618 | 6 | 18 | 6 | 50 | 1 |
| A10040820621 | HFG 0820.06 | | Cast | – | 8 | 20 | 6 | 60 | 1 |
| A10041020621 | HFG 1020.06 | | Cast | SPG 1020 | 10 | 20 | 6 | 60 | 1 |
| A10041225621 | HFG 1225.06 | | Cast | SPG 1225 | 12 | 25 | 6 | 65 | 1 |

Recommended for: ● Cast material

Z4 burr

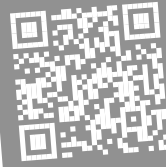


★★☆

■ fine cross cut for hard materials

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010313304 | HFA 0313.03 | | Z4 | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010616604 | HFA 0616.06 | | Z4 | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820604 | HFA 0820.06 | | Z4 | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011020604 | HFA 1020.06 | | Z4 | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011025604 | HFA 1025.06 | | Z4 | ZYA 1025 | 10 | 25 | 6 | 65 | 1 |
| A10011225604 | HFA 1225.06 | | Z4 | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A10011225804 | HFA 1225.08 | | Z4 | ZYA 1225 | 12 | 25 | 8 | 65 | 1 |
| A100103133040001 | HFAS 0313.03 | | Z4 | ZYA-S 0313 | 3 | 13 | 3 | 40 | 1 |
| A100106166040001 | HFAS 0616.06 | | Z4 | ZYA-S 0616 | 6 | 16 | 6 | 50 | 1 |
| A100108206040001 | HFAS 0820.06 | | Z4 | ZYA-S 0820 | 8 | 20 | 6 | 60 | 1 |
| A100110206040001 | HFAS 1020.06 | | Z4 | ZYA-S 1020 | 10 | 20 | 6 | 60 | 1 |
| A100110256040001 | HFAS 1025.06 | | Z4 | ZYA-S 1025 | 10 | 25 | 6 | 65 | 1 |
| A100112256040001 | HFAS 1225.06 | | Z4 | ZYA-S 1225 | 12 | 25 | 6 | 65 | 1 |
| A100112258040001 | HFAS 1225.08 | | Z4 | ZYA-S 1225 | 12 | 25 | 8 | 65 | 1 |
| A10020313304 | HFC 0313.03 | | Z4 | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020413604 | HFC 0413.06 | | Z4 | WRC 0413 | 4 | 13 | 6 | 50 | 1 |
| A10020616604 | HFC 0616.06 | | Z4 | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820604 | HFC 0820.06 | | Z4 | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020604 | HFC 1020.06 | | Z4 | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021020804 | HFC 1020.08 | | Z4 | WRC 1020 | 10 | 20 | 8 | 60 | 1 |
| A10021225604 | HFC 1225.06 | | Z4 | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10030303304 | HFD 0302.03 | | Z4 | KUD 0302 | 3 | 2 | 3 | 40 | 1 |
| A10030404604 | HFD 0403.06 | | Z4 | KUD 0403 | 4 | 3 | 6 | 50 | 1 |
| A10030606604 | HFD 0605.06 | | Z4 | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030808604 | HFD 0807.06 | | Z4 | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031010604 | HFD 1009.06 | | Z4 | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031212604 | HFD 1210.06 | | Z4 | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10031212804 | HFD 1210.08 | | Z4 | KUD 1210 | 12 | 10 | 8 | 51 | 1 |
| A10031616604 | HFD 1614.06 | | Z4 | KUD 1614 | 16 | 14 | 6 | 54 | 1 |
| A10060610604 | HFE 0610.06 | | Z4 | TRE 0610 | 6 | 10 | 6 | 50 | 1 |
| A10060813604 | HFE 0813.06 | | Z4 | TRE 0813 | 8 | 13 | 6 | 53 | 1 |
| A10061220604 | HFE 1220.06 | | Z4 | TRE 1220 | 12 | 20 | 6 | 60 | 1 |
| A10100307304 | HFF 0307.03 | | Z4 | RBF 0307 | 3 | 7 | 3 | 40 | 1 |
| A10100618604 | HFF 0618.06 | | Z4 | RBF 0618 | 6 | 18 | 6 | 50 | 1 |
| A10101020604 | HFF 1020.06 | | Z4 | RBF 1020 | 10 | 20 | 6 | 60 | 1 |
| A10101225604 | HFF 1225.06 | | Z4 | RBF 1225 | 12 | 25 | 6 | 65 | 1 |
| A10040313304 | HFG 0313.03 | | Z4 | SPG 0313 | 3 | 13 | 3 | 40 | 1 |
| A10040618604 | HFG 0618.06 | | Z4 | SPG 0618 | 6 | 18 | 6 | 50 | 1 |
| A10041020604 | HFG 1020.06 | | Z4 | SPG 1020 | 10 | 20 | 6 | 60 | 1 |
| A10041225604 | HFG 1225.06 | | Z4 | SPG 1225 | 12 | 25 | 6 | 65 | 1 |
| A10041230604 | HFG 1230.06 | | Z4 | SPG 1230 | 12 | 30 | 6 | 70 | 1 |
| A10041630604 | HFG 1630.06 | | Z4 | SPG 1630 | 16 | 30 | 6 | 70 | 1 |

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

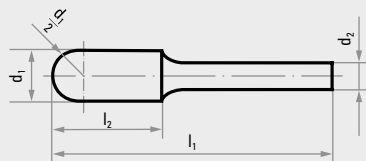


NO MORE SHARP EDGES!
SEE THE **Z4 BURR** IN
ACTION HERE!

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | |
|--|-------------|-------|-----|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|------------------|------------------|
| A10090613304 | HFH 0613.03 | | Z4 | – | 6 | 13 | 3 | 43 | 1 | | |
| A10090820604 | HFH 0820.06 | | Z4 | – | 8 | 20 | 6 | 60 | 1 | | |
| A10091230604 | HFH 1230.06 | | Z4 | – | 12 | 30 | 6 | 70 | 1 | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | r mm | α | Pack contains |
| A10071225604 | HFL 1225.06 | | Z4 | KEL 1225 | 12 | 25 | 6 | 65 | 3.3 | 14° | 1 |
| A10071230604 | HFL 1230.06 | | Z4 | KEL 1230 | 12 | 30 | 6 | 70 | 2.6 | 14° | 1 |
| A10071230804 | HFL 1230.08 | | Z4 | KEL 1230 | 12 | 30 | 8 | 70 | 2.6 | 14° | 1 |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | |
| A10050618604 | HFM 0618.06 | | Z4 | SKM 0618 | 6 | 18 | 6 | 50 | 1 | | |
| A10051020604 | HFM 1020.06 | | Z4 | SKM 1020 | 10 | 20 | 6 | 60 | 1 | | |
| A10051225604 | HFM 1225.06 | | Z4 | SKM 1225 | 12 | 25 | 6 | 65 | 1 | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | α | Pack contains | |
| A10120607604 | HFN 0607.06 | | Z4 | WKN 0607 | 6 | 7 | 6 | 50 | 10° | 1 | |
| A10121013604 | HFN 1013.06 | | Z4 | WKN 1013 | 10 | 13 | 6 | 53 | 10° | 1 | |
| A10121213604 | HFN 1213.06 | | Z4 | WKN 1213 | 12 | 13 | 6 | 53 | 20° | 1 | |
| A10122013604 | HFN 2013.06 | | Z4 | – | 20 | 13 | 6 | 53 | 30° | 1 | |
| Recommended for: ● Inox/Steel ● Steel ● Titanium ● Plastic /Wood | | | | | | | | | | | |



Z6 burr



■ burr with robust cross cut

★★☆

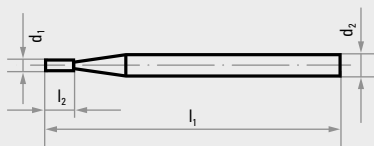
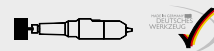
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|-------------|-------|-----|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10020820606 | HFC 0820.06 | | Z6 | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020606 | HFC 1020.06 | | Z6 | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021225606 | HFC 1225.06 | | Z6 | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10101020606 | HFF 1020.06 | | Z6 | RBF 1020 | 10 | 20 | 6 | 60 | 1 |

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

PRECISION BURR WITH UNIVERSAL CUT

PERFECTLY PERFORM THE MOST DELICATE OF CUTS

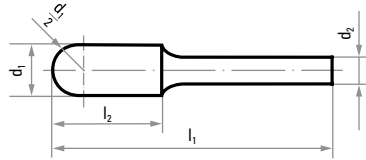
Universal miniature burr



- with 3 mm shank diameter
- high dimensional accuracy
- high concentricity for smooth running
- universal cut
- made from micro-grain carbide
- finely ground cutting edges

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----------|----------------------|----------------------|----------------------|----------------------|------------------|
| A100101043120001 | HFA 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |
| A10010204312 | HFA 02004.03 | | Universal | 2 | 4 | 3 | 40 | 1 |
| A10020104312 | HFC 01004.03 | | Universal | 1 | 4 | 3 | 40 | 1 |
| A100201043120001 | HFC 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |
| A10020204312 | HFC 02004.03 | | Universal | 2 | 4 | 3 | 40 | 1 |
| A10030101312 | HFD 01001.03 | | Universal | 1 | 0.9 | 3 | 40 | 1 |
| A100301013120001 | HFD 01501.03 | | Universal | 1.5 | 1.35 | 3 | 40 | 1 |
| A10030202312 | HFD 02002.03 | | Universal | 2 | 1.8 | 3 | 40 | 1 |
| A10060104312 | HFE 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |
| A10100104312 | HFF 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |
| A10040104312 | HFG 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |
| A10050104312 | HFM 01504.03 | | Universal | 1.5 | 4 | 3 | 40 | 1 |

Recommended for: ● Inox/Steel ● Steel ● Titanium



Z5 small burr

MILLING

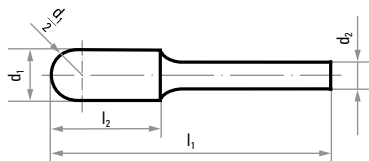
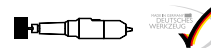
■ with 3 mm shank diameter

★★☆

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|---------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010210305 | HFA 0210.03 | | Z5 Hard | ZYA 0210 | 2 | 10 | 3 | 40 | 1 |
| A10010313305 | HFA 0313.03 | | Z5 Hard | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010607305 | HFA 0607.03 | | Z5 Hard | ZYA 0607 | 6 | 7 | 3 | 37 | 1 |
| A10010613305 | HFA 0613.03 | | Z5 Hard | ZYA 0613 | 6 | 13 | 3 | 43 | 1 |
| A100102103050001 | HFAS 0210.03 | | Z5 Hard | ZYA-S 0210 | 2 | 10 | 3 | 40 | 1 |
| A100103133050001 | HFAS 0313.03 | | Z5 Hard | ZYA-S 0313 | 3 | 13 | 3 | 40 | 1 |
| A100106073050001 | HFAS 0607.03 | | Z5 Hard | ZYA-S 0607 | 6 | 7 | 3 | 37 | 1 |
| A100106133050001 | HFAS 0613.03 | | Z5 Hard | ZYA-S 0613 | 6 | 13 | 3 | 43 | 1 |
| A10020210305 | HFC 0210.03 | | Z5 Hard | WRC 0210 | 2 | 10 | 3 | 40 | 1 |
| A10020313305 | HFC 0313.03 | | Z5 Hard | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020613305 | HFC 0613.03 | | Z5 Hard | WRC 0613 | 6 | 13 | 3 | 43 | 1 |
| A10030303305 | HFD 0302.03 | | Z5 Hard | KUD 0302 | 3 | 2 | 3 | 40 | 1 |
| A100304043050001 | HFD 0403.03 | | Z5 Hard | KUD 0403 | 4 | 3 | 3 | 34 | 1 |
| A10030606305 | HFD 0605.03 | | Z5 Hard | KUD 0605 | 6 | 5 | 3 | 35 | 1 |
| A10060307305 | HFE 0307.03 | | Z5 Hard | TRE 0307 | 3 | 7 | 3 | 40 | 1 |
| A10060610305 | HFE 0610.03 | | Z5 Hard | TRE 0610 | 6 | 10 | 3 | 40 | 1 |
| A10100307305 | HFF 0307.03 | | Z5 Hard | RBF 0307 | 3 | 7 | 3 | 40 | 1 |
| A10100313305 | HFF 0313.03 | | Z5 Hard | RBF 0313 | 3 | 13 | 3 | 40 | 1 |
| A10100613305 | HFF 0613.03 | | Z5 Hard | RBF 0613 | 6 | 13 | 3 | 43 | 1 |
| A10040307305 | HFG 0307.03 | | Z5 Hard | SPG 0307 | 3 | 7 | 3 | 40 | 1 |
| A10040313305 | HFG 0313.03 | | Z5 Hard | SPG 0313 | 3 | 13 | 3 | 40 | 1 |
| A10040613305 | HFG 0613.03 | | Z5 Hard | SPG 0613 | 6 | 13 | 3 | 43 | 1 |
| A10090307305 | HFH 0307.03 | | Z5 Hard | — | 3 | 7 | 3 | 40 | 1 |
| A10090613305 | HFH 0613.03 | | Z5 Hard | — | 6 | 13 | 3 | 43 | 1 |
| A10050307305 | HFM 0307.03 | | Z5 Hard | SKM 0307 | 3 | 7 | 3 | 40 | 1 |
| A10050311305 | HFM 0311.03 | | Z5 Hard | SKM 0311 | 3 | 11 | 3 | 40 | 1 |
| A10050613305 | HFM 0613.03 | | Z5 Hard | SKM 0613 | 6 | 13 | 3 | 43 | 1 |
| A10120307305 | HFN 0307.03 | | Z5 Hard | WKN 0307 | 3 | 7 | 3 | 40 | 1 |
| A10120607305 | HFN 0607.03 | | Z5 Hard | WKN 0607 | 6 | 7 | 3 | 37 | 1 |
| A101203073050001 | HFNS 0307.03 | | Z5 Hard | WKN-S 0307 | 3 | 7 | 3 | 40 | 1 |
| A101206073050001 | HFNS 0607.03 | | Z5 Hard | WKN-S 0607 | 6 | 7 | 3 | 37 | 1 |

Recommended for: ● Steel ● Inox/Steel ● Titanium

Z3 Universal burr



★★☆

■ with single cut for universal applications

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|--------------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010313303 | HFA 0313.03 | | Z3 Universal | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010413603 | HFA 0413.06 | | Z3 Universal | ZYA 0413 | 4 | 13 | 6 | 50 | 1 |
| A10010616603 | HFA 0616.06 | | Z3 Universal | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820603 | HFA 0820.06 | | Z3 Universal | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011013603 | HFA 1013.06 | | Z3 Universal | ZYA 1013 | 10 | 13 | 6 | 53 | 1 |
| A10011020603 | HFA 1020.06 | | Z3 Universal | ZYA 1020 | 10 | 20 | 6 | 60 | 1 |
| A10011225603 | HFA 1225.06 | | Z3 Universal | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A10011625603 | HFA 1625.06 | | Z3 Universal | ZYA 1625 | 16 | 25 | 6 | 65 | 1 |
| A100103133030001 | HFAS 0313.03 | | Z3 Universal | ZYA-S 0313 | 3 | 13 | 3 | 40 | 1 |
| A100104136030001 | HFAS 0413.06 | | Z3 Universal | ZYA-S 0413 | 4 | 13 | 6 | 50 | 1 |
| A100106166030001 | HFAS 0616.06 | | Z3 Universal | ZYA-S 0616 | 6 | 16 | 6 | 50 | 1 |
| A100108206030001 | HFAS 0820.06 | | Z3 Universal | ZYA-S 0820 | 8 | 20 | 6 | 60 | 1 |
| A100110136030001 | HFAS 1013.06 | | Z3 Universal | ZYA-S 1013 | 10 | 13 | 6 | 53 | 1 |
| A100110206030001 | HFAS 1020.06 | | Z3 Universal | ZYA-S 1020 | 10 | 20 | 6 | 60 | 1 |
| A100112256030001 | HFAS 1225.06 | | Z3 Universal | ZYA-S 1225 | 12 | 25 | 6 | 65 | 1 |
| A100116256030001 | HFAS 1625.06 | | Z3 Universal | ZYA-S 1625 | 16 | 25 | 6 | 65 | 1 |
| A10020313303 | HFC 0313.03 | | Z3 Universal | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020413603 | HFC 0413.06 | | Z3 Universal | WRC 0413 | 4 | 13 | 6 | 50 | 1 |
| A10020616603 | HFC 0616.06 | | Z3 Universal | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820603 | HFC 0820.06 | | Z3 Universal | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021020603 | HFC 1020.06 | | Z3 Universal | WRC 1020 | 10 | 20 | 6 | 60 | 1 |
| A10021225603 | HFC 1225.06 | | Z3 Universal | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10021625603 | HFC 1625.06 | | Z3 Universal | WRC 1625 | 16 | 25 | 6 | 65 | 1 |
| A10021625803 | HFC 1625.08 | | Z3 Universal | WRC 1625 | 16 | 25 | 8 | 65 | 1 |
| A10030303303 | HFD 0302.03 | | Z3 Universal | KUD 0302 | 3 | 2 | 3 | 40 | 1 |
| A10030404603 | HFD 0403.06 | | Z3 Universal | KUD 0403 | 4 | 3 | 6 | 50 | 1 |
| A10030606603 | HFD 0605.06 | | Z3 Universal | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| A10030808603 | HFD 0807.06 | | Z3 Universal | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031010603 | HFD 1009.06 | | Z3 Universal | KUD 1009 | 10 | 9 | 6 | 49 | 1 |
| A10031212603 | HFD 1210.06 | | Z3 Universal | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10031616603 | HFD 1614.06 | | Z3 Universal | KUD 1614 | 16 | 14 | 6 | 54 | 1 |
| A10031616803 | HFD 1614.08 | | Z3 Universal | KUD 1614 | 16 | 14 | 8 | 54 | 1 |
| A10032020603 | HFD 2018.06 | | Z3 Universal | KUD 2018 | 20 | 18 | 6 | 58 | 1 |
| A10032020803 | HFD 2018.08 | | Z3 Universal | KUD 2018 | 20 | 18 | 8 | 58 | 1 |
| A10060307303 | HFE 0307.03 | | Z3 Universal | TRE 0307 | 3 | 7 | 3 | 40 | 1 |
| A10060610603 | HFE 0610.06 | | Z3 Universal | TRE 0610 | 6 | 10 | 6 | 50 | 1 |
| A10060813603 | HFE 0813.06 | | Z3 Universal | TRE 0813 | 8 | 13 | 6 | 53 | 1 |
| A10061220603 | HFE 1220.06 | | Z3 Universal | TRE 1220 | 12 | 20 | 6 | 60 | 1 |
| A10061625803 | HFE 1625.08 | | Z3 Universal | TRE 1625 | 16 | 25 | 8 | 65 | 1 |

Recommended for: ● Steel ● Inox/Steel ● Titanium

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | |
|---|-------------|-------|--------------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|-----|------------------|
| A10100307303 | HFF 0307.03 | | Z3 Universal | RBF 0307 | 3 | 7 | 3 | 40 | 1 | | |
| A10100618603 | HFF 0618.06 | | Z3 Universal | RBF 0618 | 6 | 18 | 6 | 50 | 1 | | |
| A10100820603 | HFF 0820.06 | | Z3 Universal | – | 8 | 20 | 6 | 60 | 1 | | |
| A10101020603 | HFF 1020.06 | | Z3 Universal | RBF 1020 | 10 | 20 | 6 | 60 | 1 | | |
| A10101225603 | HFF 1225.06 | | Z3 Universal | RBF 1225 | 12 | 25 | 6 | 65 | 1 | | |
| A10101225803 | HFF 1225.08 | | Z3 Universal | RBF 1225 | 12 | 25 | 8 | 65 | 1 | | |
| A10101230603 | HFF 1230.06 | | Z3 Universal | RBF 1230 | 12 | 30 | 6 | 70 | 1 | | |
| A10101630803 | HFF 1630.08 | | Z3 Universal | RBF 1630 | 16 | 30 | 8 | 70 | 1 | | |
| A10040313303 | HFG 0313.03 | | Z3 Universal | SPG 0313 | 3 | 13 | 3 | 40 | 1 | | |
| A10040618603 | HFG 0618.06 | | Z3 Universal | SPG 0618 | 6 | 18 | 6 | 50 | 1 | | |
| A10040820603 | HFG 0820.06 | | Z3 Universal | – | 8 | 20 | 6 | 60 | 1 | | |
| A10041020603 | HFG 1020.06 | | Z3 Universal | SPG 1020 | 10 | 20 | 6 | 60 | 1 | | |
| A10041220603 | HFG 1220.06 | | Z3 Universal | SPG 1220 | 12 | 20 | 6 | 60 | 1 | | |
| A10041225603 | HFG 1225.06 | | Z3 Universal | SPG 1225 | 12 | 25 | 6 | 65 | 1 | | |
| A10041225803 | HFG 1225.08 | | Z3 Universal | SPG 1225 | 12 | 25 | 8 | 65 | 1 | | |
| A10041230603 | HFG 1230.06 | | Z3 Universal | SPG 1230 | 12 | 30 | 6 | 70 | 1 | | |
| A10041630803 | HFG 1630.08 | | Z3 Universal | SPG 1630 | 16 | 30 | 8 | 70 | 1 | | |
| A10090613303 | HFH 0613.03 | | Z3 Universal | – | 6 | 13 | 3 | 43 | 1 | | |
| A10090820603 | HFH 0820.06 | | Z3 Universal | – | 8 | 20 | 6 | 60 | 1 | | |
| A10091230603 | HFH 1230.06 | | Z3 Universal | – | 12 | 30 | 6 | 70 | 1 | | |
| A10091230803 | HFH 1230.08 | | Z3 Universal | – | 12 | 30 | 8 | 70 | 1 | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | r mm | α | Pack contains |
| A10070820603 | HFL 0820.06 | | Z3 Universal | – | 8 | 20 | 6 | 60 | 1.5 | 14° | 1 |
| A10071020603 | HFL 1020.06 | | Z3 Universal | KEL 1020 | 10 | 20 | 6 | 60 | 2.9 | 14° | 1 |
| A10071225603 | HFL 1225.06 | | Z3 Universal | KEL 1225 | 12 | 25 | 6 | 65 | 3.3 | 14° | 1 |
| A10071230603 | HFL 1230.06 | | Z3 Universal | KEL 1230 | 12 | 30 | 6 | 70 | 2.6 | 14° | 1 |
| A10071630603 | HFL 1630.06 | | Z3 Universal | KEL 1630 | 16 | 30 | 6 | 70 | 4.8 | 14° | 1 |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | | | Pack contains |
| A10050307303 | HFM 0307.03 | | Z3 Universal | SKM 0307 | 3 | 7 | 3 | 40 | | | 1 |
| A10050618603 | HFM 0618.06 | | Z3 Universal | SKM 0618 | 6 | 18 | 6 | 50 | | | 1 |
| A10050820603 | HFM 0820.06 | | Z3 Universal | – | 8 | 20 | 6 | 60 | | | 1 |
| A10051020603 | HFM 1020.06 | | Z3 Universal | SKM 1020 | 10 | 20 | 6 | 60 | | | 1 |
| A10051225603 | HFM 1225.06 | | Z3 Universal | SKM 1225 | 12 | 25 | 6 | 65 | | | 1 |
| A10051225803 | HFM 1225.08 | | Z3 Universal | SKM 1225 | 12 | 25 | 8 | 65 | | | 1 |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | α | | Pack contains |
| A10121213603 | HFN 1213.06 | | Z3 Universal | WKN 1213 | 12 | 13 | 6 | 53 | 20° | | 1 |
| Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Titanium | | | | | | | | | | | |

Recommended for: Steel Inox/Steel Titanium

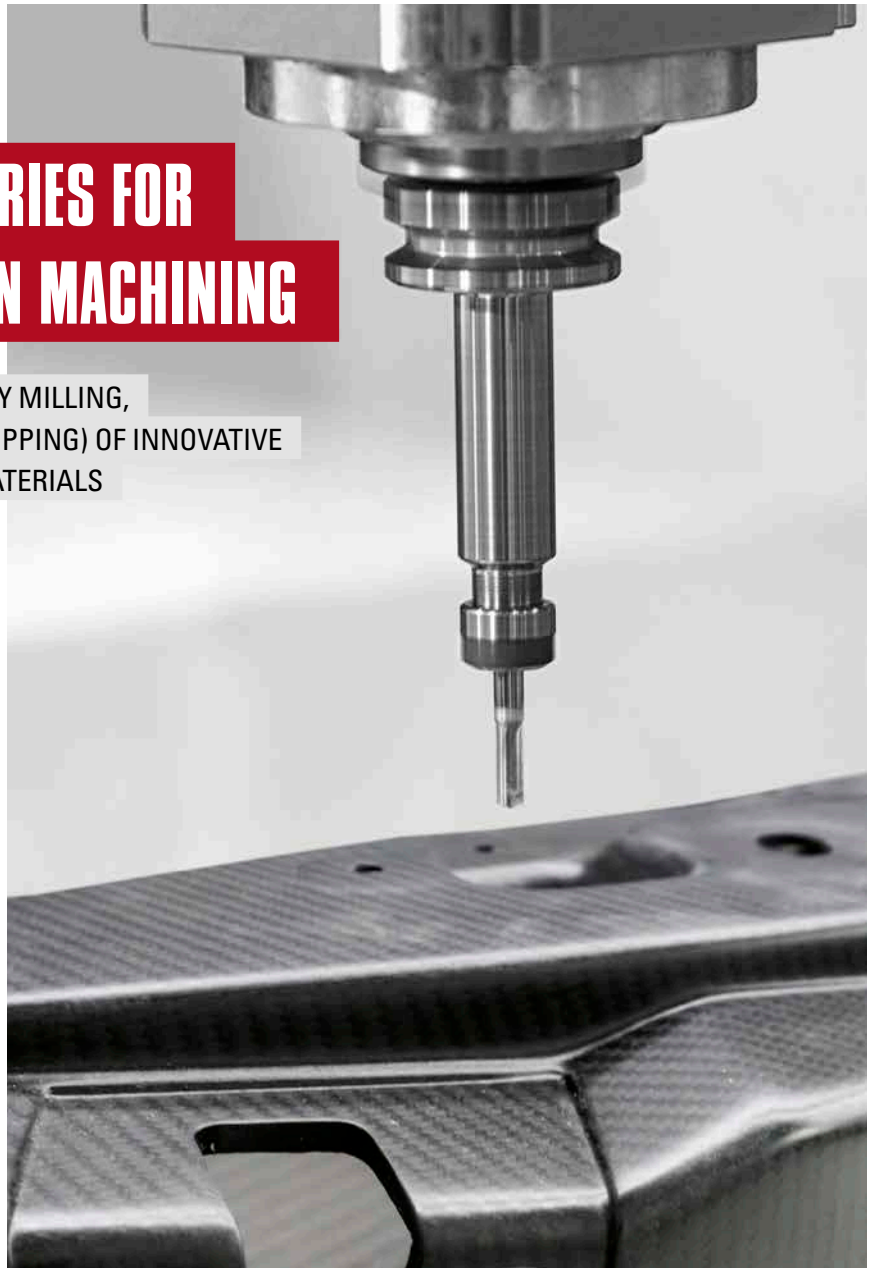
THE BURR SERIES FOR HIGH-TECH CARBON MACHINING

IDEAL FOR INDUSTRIAL STATIONARY MILLING,
SAWING AND DRILLING (DIPPING) OF INNOVATIVE
AND PREMIUM HIGH-TECH MATERIALS

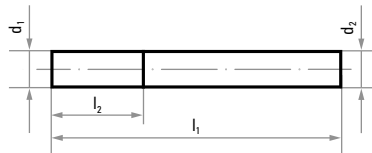
The CarbonCut burr delivers perfect carbon machining results in stationary applications: Fibre tears, protrusions or incomplete cut-offs are a thing of the past, as is scorched resin.

A perfect surface and first-class edges on the workpiece are the hallmarks of the CarbonCut with its sharp cutting edges.

But the CarbonCut not only displays its potential in carbon machining, it can also be used for machining other lightweight composite materials such as GFRP (glass fibre-reinforced plastics), composites (layered constructions, honeycombs) and aluminium structures.



NEW Carbon Cut burr



- high cutting stability for milling carbon, CFRP or GFRP
- extremely sharp cutting edges
- low friction due to the thin, smooth and extremely hard, high-performance coating
- optimised chip removal when milling carbon fibre-reinforced materials
- long tool life in stationary use

★★★

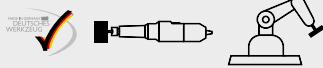
| Product number | Description | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-------------------|--------------|-----------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10010820800CARB | HFAS 0820.08 | CarbonCut | 8 | 20 | 8 | 80 | 1 |
| A100110251000CARB | HFAS 1025.10 | CarbonCut | 10 | 25 | 10 | 90 | 1 |
| A100112301200CARB | HFAS 1230.12 | CarbonCut | 12 | 30 | 12 | 100 | 1 |

Recommended for: ● Plastic

MANUAL OR MECHANICAL PROCESSING OF FIBRE-REINFORCED MATERIALS

MILL, DRILL AND SAW WITH JUST ONE TOOL

The Composite burr is designed for processing fibre-reinforced material, but is incredibly versatile in this area. It can be used in similar variants for both machine and for manual applications. In addition to milling, the extra-long cutting edge is also suitable for sawing. The fishtail tip is suitable for drilling and end milling of workpieces. This makes the Composite burr an all-rounder that makes multiple tool changes unnecessary and is perfectly suited as a robot tool due to its long tool life.



- perfect for drilling, milling and sawing
- extra-long cutting section
- long tool life
- highly economic
- The coarse cut is excellent for stationary use.



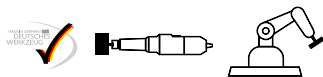
Composite Coarse burr



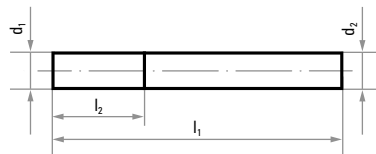
★★☆

| Product number | Description | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|--------------|------------------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10180315323 | HFAS 0315.03 | Composite coarse | 3 | 15 | 3 | 42 | 1 |
| A10180625623 | HFAS 0625.06 | Composite coarse | 6 | 25 | 6 | 64 | 1 |
| A10180828823 | HFAS 0828.08 | Composite coarse | 8 | 28 | 8 | 73 | 1 |

Recommended for: ● Plastic/Wood



- perfect for drilling, milling and sawing
- extra-long cutting section
- longer tool life
- highly economic
- The fine cut is highly precise and ergonomic, even in manual use.



Composite Fine burr



★★☆

| Product number | Description | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|--------------|----------------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10180625624 | HFAS 0625.06 | Composite fine | 6 | 25 | 6 | 64 | 1 |
| A10180828824 | HFAS 0828.08 | Composite fine | 8 | 28 | 8 | 73 | 1 |
| A101810301024 | HFAS 1030.10 | Composite fine | 10 | 30 | 10 | 77 | 1 |

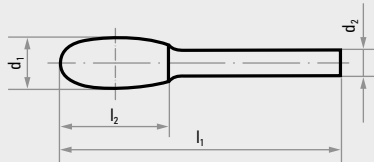
Recommended for: ● Plastic/Wood

THE BURR FOR WOOD AND LIGHTWEIGHT CONSTRUCTION MATERIALS

THE PERFECT TOOL FOR PATTERN CONSTRUCTION.
SUITABLE FOR USE ON WOOD, WPC PLASTIC
AND NON-FERROUS METALS

Where HSS and stippled burrs quickly fail, the Wood rasp burr thrives with its extraordinarily long tool life. This is made possible by manufacturing it from fine-grain tungsten carbide. This means that wood and other lightweight materials can be machined for long periods. Especially when deburring, modelling and smoothing, the Wood rasp burr shows its superiority with fast material removal. Even with little application of force, it's easy to work quickly with the rasp burr. This is because the coarse cutting edge geometry is always extremely effective and has good cutting properties. The Wood rasp burr does not produce any annoying vibrations. In addition to wood, this tool can machine all types of plastic and rubber.

Wood burr



- ideal for chamfering, modelling and smoothing
- large cutting angle means high speed
- long tool life thanks to tungsten carbide
- smooth running without vibrations
- applications: pattern construction and wood, mould making, cores and soft materials

★★★

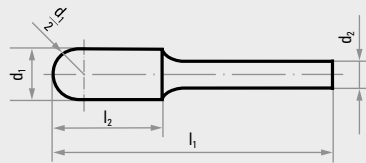
| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-------------------------|-------------|-------|------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10021225618 | HFC 1225.06 | | Wood | 12 | 25 | 6 | 65 | 1 |
| A10031210618 | HFD 1210.06 | | Wood | 12 | 10 | 6 | 50 | 1 |
| A10061220618 | HFE 1220.06 | | Wood | 12 | 20 | 6 | 60 | 1 |
| A10100618618 | HFF 0618.06 | | Wood | 6 | 18 | 6 | 58 | 1 |
| A10100820618 | HFF 0820.06 | | Wood | 8 | 20 | 6 | 60 | 1 |
| NEW A50040313318 | HFG 0313.03 | | Wood | 3 | 13 | 3 | 40 | 1 |

Recommended for: Plastic/Wood Steel

THE BURR FOR BRASS AND (OTHER) NON-FERROUS METALS

ROBUST SINGLE CUT FOR HIGH STOCK REMOVAL

Z2 Brass burr



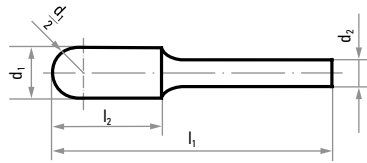
- high removal rate
- does not clog

★★☆

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|-------------|-------|----------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10020313302 | HFC 0313.03 | | Z2 Brass | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020616602 | HFC 0616.06 | | Z2 Brass | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10021225602 | HFC 1225.06 | | Z2 Brass | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10030303302 | HFD 0302.03 | | Z2 Brass | KUD 0302 | 3 | 2 | 3 | 40 | 1 |
| A10040618602 | HFG 0618.06 | | Z2 Brass | SPG 0618 | 6 | 18 | 6 | 50 | 1 |
| A10041225602 | HFG 1225.06 | | Z2 Brass | SPG 1225 | 12 | 25 | 6 | 65 | 1 |
| A10041230602 | HFG 1230.06 | | Z2 Brass | SPG 1230 | 12 | 30 | 6 | 70 | 1 |
| A10090613302 | HFH 0613.03 | | Z2 Brass | — | 6 | 13 | 3 | 43 | 1 |

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

Z1 burr



★★☆

■ coarse single cut for soft materials
(e.g. aluminium and copper)

| | Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | r mm | α | Pack contains |
|---|------------------|-------------|-------|-----|---------------------|-------------------|-------------------|-------------------|-------------------|------|-----|---------------|
| | A10020616601 | HFC 0616.06 | | Z1 | WRC 0616 | 6 | 16 | 6 | 50 | – | – | 1 |
| NEW | A500208206010001 | HFC 0820.06 | | Z1 | WRC 0820 | 8 | 20 | 6 | 60 | – | – | 1 |
| | A10021225601 | HFC 1225.06 | | Z1 | WRC 1225 | 12 | 25 | 6 | 65 | – | – | 1 |
| NEW | A50030807601 | HFD 0807.06 | | Z1 | KUD 0807 | 8 | 7 | 6 | 47 | – | – | 1 |
| NEW | A50100313301 | HFF 0313.0 | | Z1 | RBF 0313 | 3 | 13 | 3 | 40 | – | – | 1 |
| | A10101225601 | HFF 1225.06 | | Z1 | RBF 1225 | 12 | 25 | 6 | 65 | – | – | 1 |
| NEW | A50040313301 | HFG 0313.03 | | Z1 | SPG 0313 | 3 | 13 | 3 | 40 | – | – | 1 |
| | A10040618601 | HFG 0618.06 | | Z1 | SPG 0618 | 6 | 18 | 6 | 50 | – | – | 1 |
| | A10071230601 | HFL 1230.06 | | Z1 | KEL 1230 | 12 | 30 | 6 | 70 | 2.6 | 14° | 1 |
| | A10051225601 | HFM 1225.06 | | Z1 | SKM 1225 | 12 | 25 | 6 | 65 | – | 26 | 1 |
| Recommended for: ● Aluminium ● Plastic/Wood | | | | | | | | | | | | |

REDUCING WEAR WITH LIGHTFLOW

IDEAL SURFACE TREATMENT WITH OUTSTANDING NON-STICKING PROPERTIES

The new LightFlow coating from LUKAS is perfect for reducing friction between the tool and the material surface. It lets you create excellent surfaces while also extending the tool life of the burr. This coating prevents the burr from becoming clogged with aluminium chips, therefore reducing machine load and maintaining a consistent speed. There is no sticking or smearing. This lets you work longer without having to clean or replace the tool.



See it in action

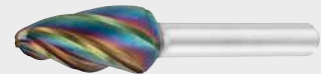
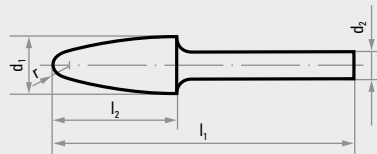
Application areas of the coating:

cutting graphite, aluminium, copper, carbon composites and wood

Z9 Alu burr with LightFlow coating



- process aluminium with razor-sharp cutting edges
- the perfect synergies between burr and LightFlow coating
- high chip volume thanks to coarse cut for quick work
- faceted toothing for perfect surface results
- maximum cutting cross section for effortless processing

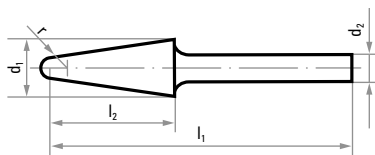
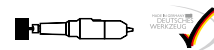


★★★

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | |
|----------------|-------------|-------|--------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|-----|
| A50011225609LF | HFA 1225.06 | | Z9 Alu | ZYA 1225 | 12 | 25 | 6 | 65 | 1 | NEW |
| A10020616609LF | HFC 0616.06 | | Z9 Alu | WRC 0616 | 6 | 16 | 6 | 50 | 1 | |
| A10021225609LF | HFC 1225.06 | | Z9 Alu | WRC 1225 | 12 | 25 | 6 | 65 | 1 | |
| A50031210809LF | HFD 1210.08 | | Z9 Alu | KUD 1210 | 12 | 10 | 8 | 51 | 1 | NEW |
| A50100313309LF | HFF 0313.03 | | Z9 Alu | RBF 0313 | 3 | 13 | 3 | 40 | 1 | NEW |
| A10100618609LF | HFF 0618.06 | | Z9 Alu | RBF 0618 | 6 | 18 | 6 | 50 | 1 | |
| A10101225609LF | HFF 1225.06 | | Z9 Alu | RBF 1225 | 12 | 25 | 6 | 65 | 1 | |
| A50041225809LF | HFG 1225.0 | | Z9 Alu | KUD 1210 | 12 | 10 | 8 | 51 | 1 | NEW |
| A10071230609LF | HFL 1230.06 | | Z9 Alu | KEL 1230 | 12 | 30 | 6 | 70 | 1 | |

Recommended for: ● Aluminium ● Plastic/Wood

Z9 Alu burr



- the burr for aluminium and non-ferrous metals
- ideal for cutting, chamfering and deburring
- high removal speed
- no clogging
- long tool life

★★☆

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|-------------|-------|--------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10010313309 | HFA 0313.03 | | Z9 Alu | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010616609 | HFA 0616.06 | | Z9 Alu | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10011225609 | HFA 1225.06 | | Z9 Alu | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A10011225809 | HFA 1225.08 | | Z9 Alu | ZYA 1225 | 12 | 25 | 8 | 65 | 1 |
| A10011625609 | HFA 1625.06 | | Z9 Alu | ZYA 1625 | 16 | 25 | 6 | 65 | 1 |
| A10020313309 | HFC 0313.03 | | Z9 Alu | WRC 0313 | 3 | 13 | 3 | 40 | 1 |
| A10020616609 | HFC 0616.06 | | Z9 Alu | WRC 0616 | 6 | 16 | 6 | 50 | 1 |
| A10020820609 | HFC 0820.06 | | Z9 Alu | WRC 0820 | 8 | 20 | 6 | 60 | 1 |
| A10021225609 | HFC 1225.06 | | Z9 Alu | WRC 1225 | 12 | 25 | 6 | 65 | 1 |
| A10021225809 | HFC 1225.08 | | Z9 Alu | WRC 1225 | 12 | 25 | 8 | 65 | 1 |
| A10021625609 | HFC 1625.06 | | Z9 Alu | WRC 1625 | 16 | 25 | 6 | 65 | 1 |
| A10030403309 | HFD 0403.03 | | Z9 Alu | KUD 0403 | 4 | 3 | 3 | 34 | 1 |
| A10030605609 | HFD 0605.06 | | Z9 Alu | KUD 0605 | 6 | 5 | 6 | 50 | 1 |
| NEW A50030807609 | HFD 0807.06 | | Z9 Alu | KUD 0807 | 8 | 7 | 6 | 47 | 1 |
| A10031212609 | HFD 1210.06 | | Z9 Alu | KUD 1210 | 12 | 10 | 6 | 50 | 1 |
| NEW A50031210809 | HFD 1210.08 | | Z9 Alu | KUD 1210 | 12 | 10 | 6 | 51 | 1 |
| A10031616609 | HFD 1614.06 | | Z9 Alu | KUD 1614 | 16 | 14 | 6 | 54 | 1 |
| A10031616809 | HFD 1614.08 | | Z9 Alu | KUD 1614 | 16 | 14 | 8 | 54 | 1 |
| A10061225809 | HFE 1225.08 | | Z9 Alu | TRE 1225 | 12 | 25 | 8 | 65 | 1 |
| A10061625809 | HFE 1625.08 | | Z9 Alu | TRE 1625 | 16 | 25 | 8 | 65 | 1 |
| A10100313309 | HFF 0313.03 | | Z9 Alu | RBF 0313 | 3 | 13 | 3 | 40 | 1 |
| A10100618609 | HFF 0618.06 | | Z9 Alu | RBF 0618 | 6 | 18 | 6 | 50 | 1 |
| NEW A50101020609 | HFF 1020.06 | | Z9 Alu | RBF 1020 | 10 | 20 | 6 | 60 | 1 |
| A10101225609 | HFF 1225.06 | | Z9 Alu | RBF 1225 | 12 | 25 | 6 | 65 | 1 |
| A10101225809 | HFF 1225.08 | | Z9 Alu | RBF 1225 | 12 | 25 | 8 | 65 | 1 |
| A10101630609 | HFF 1630.06 | | Z9 Alu | RBF 1630 | 16 | 30 | 6 | 70 | 1 |
| A10101630809 | HFF 1630.08 | | Z9 Alu | RBF 1630 | 16 | 30 | 8 | 70 | 1 |
| A10040313309 | HFG 0313.03 | | Z9 Alu | SPG 0313 | 3 | 13 | 3 | 40 | 1 |
| A10070820609 | HFL 0820.06 | | Z9 Alu | – | 8 | 20 | 6 | 60 | 1 |
| A10071020609 | HFL 1020.06 | | Z9 Alu | KEL 1020 | 10 | 20 | 6 | 60 | 1 |
| A10071225609 | HFL 1225.06 | | Z9 Alu | KEL 1225 | 12 | 25 | 6 | 65 | 1 |
| A10071230609 | HFL 1230.06 | | Z9 Alu | KEL 1230 | 12 | 30 | 6 | 70 | 1 |
| A10071230809 | HFL 1230.08 | | Z9 Alu | KEL 1230 | 12 | 30 | 8 | 70 | 1 |
| NEW A10072040809 | HFL 2040.08 | | Z9 Alu | – | 20 | 40 | 8 | 80 | 1 |
| A10050618609 | HFM 0618.06 | | Z9 Alu | SKM 0618 | 6 | 18 | 6 | 50 | 1 |

Recommended for: ● Aluminium ● Plastic/Wood

BENEFITS OF BURR AND FILE IN ONE SINGLE TOOL

CUTS EVEN SOFT MATERIALS WITHOUT CLOGGING

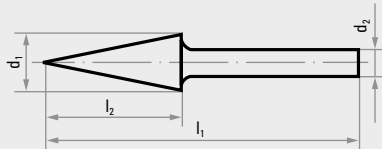


The micro-cut of the solid carbide rotary files is based on the cutting geometry of a file. This prevents the tool from clogging, even when processing soft materials. The precision toothing is produced using modern CNC grinding machines to guarantee perfect concentric running and chatter-free work. This keeps the burrs sharp for longer, leaving a clean surface without any chatter marks. We offer rotary files in a range of shapes and sizes, and with three different cuts from ZF1 (coarse) to ZF3 (fine). This allows you to optimise the conditions for every application and achieve the best surface result.

ZF1 - ZF3 rotary file



- outstanding surfaces thanks to fine toothing
- long tool life thanks to tungsten carbide
- no clogging
- for outstanding surfaces



★★★

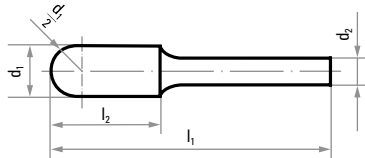
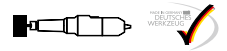
| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|---------------|
| A100112256160001 | HFAS 1225.06 | | ZF1 | 12 | 25 | 6 | 65 | 1 |
| A10021225616 | HFC 1225.06 | | ZF1 | 12 | 25 | 6 | 65 | 1 |
| A10041230616 | HFG 1230.06 | | ZF1 | 12 | 30 | 6 | 70 | 1 |
| A100106166150001 | HFAS 0616.06 | | ZF2 | 6 | 16 | 6 | 50 | 1 |
| A100112256150001 | HFAS 1225.06 | | ZF2 | 12 | 25 | 6 | 65 | 1 |
| A50012025815 | HFAS 2025.08 | | ZF2 | 20 | 25 | 8 | 65 | 1 NEW |
| A10021225615 | HFC 1225.06 | | ZF2 | 12 | 25 | 6 | 65 | 1 |
| A10031009615 | HFD 1009.06 | | ZF2 | 10 | 9 | 6 | 49 | 1 |
| A10040618615 | HFG 0618.06 | | ZF2 | 6 | 18 | 6 | 50 | 1 |
| A10041230615 | HFG 1230.06 | | ZF2 | 12 | 30 | 6 | 70 | 1 |

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

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-----------------------------|--------------|-------|-------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10051225615 | HFM 1225.06 | | ZF2 | 12 | 25 | 6 | 65 | 1 |
| A100106166140001 | HFAS 0616.06 | | ZF3 | 6 | 16 | 6 | 50 | 1 |
| A10020616614 | HFC 0616.06 | | ZF3 | 6 | 16 | 6 | 50 | 1 |
| NEW A50030605614 | HFD 0605.06 | | ZF3 | 6 | 5 | 6 | 50 | 1 |
| NEW A50030807614 | HFD 0807.06 | | ZF3 | 8 | 7 | 6 | 47 | 1 |
| NEW A500312126030004 | HFD 1210.06 | | ZF3 | 12 | 10 | 6 | 80 | 1 |
| A10040618614 | HFG 0618.06 | | ZF3 | 6 | 18 | 6 | 50 | 1 |
| A10041230614 | HFG 1230.06 | | ZF3 | 12 | 30 | 6 | 70 | 1 |
| A10010204300 | HFI 0204.03 | | ZI/ZF | 2.5 | 4 | 3 | 40 | 1 |
| A10010408300 | HFI 0408.03 | | ZI/ZF | 4 | 8 | 3 | 50 | 1 |
| A10010810600 | HFI 0810.06 | | ZI/ZF | 8 | 10 | 6 | 65 | 1 |

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

Z5 Hard burr



★★☆

■ with very fine single cut for high-quality surfaces with hard materials

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|---------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10010210305 | HFA 0210.03 | | Z5 Hard | ZYA 0210 | 2 | 10 | 3 | 40 | 1 |
| A10010313305 | HFA 0313.03 | | Z5 Hard | ZYA 0313 | 3 | 13 | 3 | 40 | 1 |
| A10010607305 | HFA 0607.03 | | Z5 Hard | ZYA 0607 | 6 | 7 | 3 | 37 | 1 |
| A10010613305 | HFA 0613.03 | | Z5 Hard | ZYA 0613 | 6 | 13 | 3 | 43 | 1 |
| A10010616605 | HFA 0616.06 | | Z5 Hard | ZYA 0616 | 6 | 16 | 6 | 50 | 1 |
| A10010820605 | HFA 0820.06 | | Z5 Hard | ZYA 0820 | 8 | 20 | 6 | 60 | 1 |
| A10011225605 | HFA 1225.06 | | Z5 Hard | ZYA 1225 | 12 | 25 | 6 | 65 | 1 |
| A100102103050001 | HFAS 0210.03 | | Z5 Hard | ZYA-S 0210 | 2 | 10 | 3 | 40 | 1 |
| A100103133050001 | HFAS 0313.03 | | Z5 Hard | ZYA-S 0313 | 3 | 13 | 3 | 40 | 1 |
| A100106073050001 | HFAS 0607.03 | | Z5 Hard | ZYA-S 0607 | 6 | 7 | 3 | 37 | 1 |
| A100106133050001 | HFAS 0613.03 | | Z5 Hard | ZYA-S 0613 | 6 | 13 | 3 | 43 | 1 |
| A100106166050001 | HFAS 0616.06 | | Z5 Hard | ZYA-S 0616 | 6 | 16 | 6 | 50 | 1 |
| A100108206050001 | HFAS 0820.06 | | Z5 Hard | ZYA-S 0820 | 8 | 20 | 6 | 60 | 1 |
| A100112256050001 | HFAS 1225.06 | | Z5 Hard | ZYA-S 1225 | 12 | 25 | 6 | 65 | 1 |

Recommended for: ● Steel ● Inox/Steel ● Titanium

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | | |
|---|--------------|---------|----------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|-----|------------------|-----|
| A10020210305 | HFC 0210.03 | | Z5 Hard | WRC 0210 | 2 | 10 | 3 | 40 | 1 | | | |
| A10020313305 | HFC 0313.03 | | Z5 Hard | WRC 0313 | 3 | 13 | 3 | 40 | 1 | | | |
| A10020613305 | HFC 0613.03 | | Z5 Hard | WRC 0613 | 6 | 13 | 3 | 43 | 1 | | | |
| A10020616605 | HFC 0616.06 | | Z5 Hard | WRC 0616 | 6 | 16 | 6 | 50 | 1 | | | |
| A10020820605 | HFC 0820.06 | | Z5 Hard | WRC 0820 | 8 | 20 | 6 | 60 | 1 | | | |
| A10021020605 | HFC 1020.06 | | Z5 Hard | WRC 1020 | 10 | 20 | 6 | 60 | 1 | | | |
| A10021225605 | HFC 1225.06 | | Z5 Hard | WRC 1225 | 12 | 25 | 6 | 65 | 1 | | | |
| A10030303305 | HFD 0302.03 | | Z5 Hard | KUD 0302 | 3 | 2 | 3 | 40 | 1 | | | |
| A100304043050001 | HFD 0403.03 | | Z5 Hard | KUD 0403 | 4 | 3 | 3 | 34 | 1 | | | |
| A10030606305 | HFD 0605.03 | | Z5 Hard | KUD 0605 | 6 | 5 | 3 | 35 | 1 | | | |
| A10030606605 | HFD 0605.06 | | Z5 Hard | KUD 0605 | 6 | 5 | 6 | 50 | 1 | | | |
| A10030808605 | HFD 0807.06 | | Z5 Hard | KUD 0807 | 8 | 7 | 6 | 47 | 1 | | | |
| A10031010605 | HFD 1009.06 | | Z5 Hard | KUD 1009 | 10 | 9 | 6 | 49 | 1 | | | |
| A10031212605 | HFD 1210.06 | | Z5 Hard | KUD 1210 | 12 | 10 | 6 | 51 | 1 | | | |
| A50031614605 | HFD 1614.06 | Z5 Hard | KUD 1614 | 16 | 14 | 6 | 54 | 1 | NEW | | | |
| A10060307305 | HFE 0307.03 | | Z5 Hard | TRE 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A10060610305 | HFE 0610.03 | | Z5 Hard | TRE 0610 | 6 | 10 | 3 | 40 | 1 | | | |
| A10100307305 | HFF 0307.03 | | Z5 Hard | RBF 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A10100313305 | HFF 0313.03 | | Z5 Hard | RBF 0313 | 3 | 13 | 3 | 40 | 1 | | | |
| A10100613305 | HFF 0613.03 | | Z5 Hard | RBF 0613 | 6 | 13 | 3 | 43 | 1 | | | |
| A10100618605 | HFF 0618.06 | | Z5 Hard | RBF 0618 | 6 | 18 | 6 | 50 | 1 | | | |
| A10040307305 | HFG 0307.03 | | Z5 Hard | SPG 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A10040313305 | HFG 0313.03 | | Z5 Hard | SPG 0313 | 3 | 13 | 3 | 40 | 1 | | | |
| A10040613305 | HFG 0613.03 | | Z5 Hard | SPG 0613 | 6 | 13 | 3 | 43 | 1 | | | |
| A10040618605 | HFG 0618.06 | | Z5 Hard | SPG 0618 | 6 | 18 | 6 | 50 | 1 | | | |
| A10041020605 | HFG 1020.06 | | Z5 Hard | SPG 1020 | 10 | 20 | 6 | 60 | 1 | | | |
| A10041230605 | HFG 1230.06 | | Z5 Hard | SPG 1230 | 12 | 30 | 6 | 70 | 1 | | | |
| A10090307305 | HFH 0307.03 | | Z5 Hard | – | 3 | 7 | 3 | 40 | 1 | | | |
| A10090613305 | HFH 0613.03 | | Z5 Hard | – | 6 | 13 | 3 | 43 | 1 | | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | r mm | α | Pack contains | |
| A10071230605 | HFL 1230.06 | | Z5 Hard | KEL 1230 | 12 | 30 | 6 | 70 | 2.6 | 14° | 1 | |
| A50080301305 | HFJ 0301.03 | | Z5 Hard | – | 3 | 1 | 5 | 40 | – | 90° | 1 | NEW |
| A50080360305 | HFJ 0303.03 | | Z5 Hard | – | 3 | 3 | 3 | 40 | – | 60° | 1 | NEW |
| A50081616605 | HFJ 1616.06 | | Z5 Hard | – | 16 | 16 | 6 | 56 | – | 60° | 1 | NEW |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | | |
| A10050307305 | HFM 0307.03 | | Z5 Hard | SKM 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A10050311305 | HFM 0311.03 | | Z5 Hard | SKM 0311 | 3 | 11 | 3 | 40 | 1 | | | |
| A10050613305 | HFM 0613.03 | | Z5 Hard | SKM 0613 | 6 | 13 | 3 | 43 | 1 | | | |
| A10050618605 | HFM 0618.06 | | Z5 Hard | SKM 0618 | 6 | 18 | 6 | 50 | 1 | | | |
| A10120307305 | HFN 0307.03 | | Z5 Hard | WKN 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A10120607305 | HFN 0607.03 | | Z5 Hard | WKN 0607 | 6 | 7 | 3 | 37 | 1 | | | |
| A101203073050001 | HFNS 0307.03 | | Z5 Hard | WKN-S 0307 | 3 | 7 | 3 | 40 | 1 | | | |
| A101206073050001 | HFNS 0607.03 | | Z5 Hard | WKN-S 0607 | 6 | 7 | 3 | 37 | 1 | | | |
| Recommended for: <input type="radio"/> Steel <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Titanium | | | | | | | | | | | | |

Recommended for: ● Steel ● Inox/Steel ● Titanium

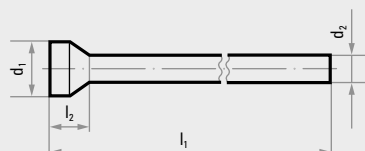
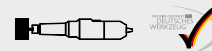
BACK DEBURRING MADE EASY

CREATE CHAMFERS IN PIPES, CONTAINERS AND DESIGN COMPONENTS

FOR THE BEST SURFACE RESULTS QUICKLY – SEE OUR Z3 INVERSE DEBURRING TOOL IN ACTION!



Z3 Universal inverse deburring tool (internal)


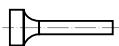


- defined 45° bevel
- for different bore diameters
- variable chamfer width
- fast work result

Applications:

- back deburring of boreholes on difficult-to-reach areas
- excellent for use in pipes, containers and design components
- back chamfering of boreholes

★★★

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-----------------------------|-------------|---|--------------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10170504303 | HFT 0504.03 |  | Z3 Universal | 5 | 4 | 3 | 40 | 1 |
| A10170705303 | HFT 0705.03 | | Z3 Universal | 7 | 5 | 3 | 40 | 1 |
| A10171006603 | HFT 1006.06 | | Z3 Universal | 10 | 6 | 6 | 60 | 1 |
| A10171207603 | HFT 1207.06 | | Z3 Universal | 12 | 7 | 6 | 65 | 1 |
| A10171610603 | HFT 1610.06 | | Z3 Universal | 16 | 10 | 6 | 70 | 1 |
| A10171610803 | HFT 1610.08 | | Z3 Universal | 16 | 10 | 8 | 120 | 1 |
| A10171811803 | HFT 1811.08 | | Z3 Universal | 18 | 11 | 8 | 120 | 1 |
| NEW A501316188030010 | HFS 1618.08 |  | Z3 Universal | 16 | 18 | 8 | 120 | 1 |
| NEW A501318188030010 | HFS 1818.08 | | Z3 Universal | 18 | 18 | 8 | 120 | 1 |
| NEW A501322188030001 | HFS 2218.08 | | Z3 Universal | 22 | 18 | 8 | 120 | 1 |

Recommended for:  Steel  Inox/Steel  Aluminium  Cast material  Titanium



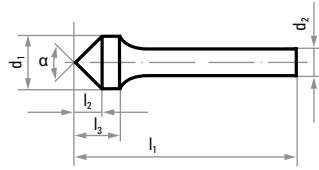
SAFETY ADVICE

Reduced speed for burrs with a total length $l_1 = 120$ mm: max. 11,000 m²



Z3 Universal burr for deburring

- Remove burrs quickly and easily with the Z3 Universal burr in shape J for perfect deburring.
- for different bore diameters
- with single cut for universal applications

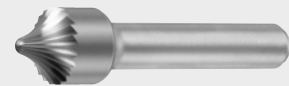
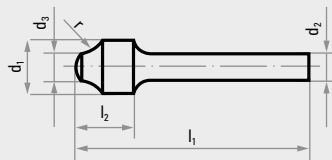


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| Product number | Description | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | l ₃ mm | α | Pack contains |
|---|-------------|--------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|---------------|
| A1008060603 | HFJ 0605.06 | Z3 Universal | KSJ 0605 | 6 | 5 | 6 | 50 | – | 60° | 1 |
| A10081090603 | HFJ 1010.06 | Z3 Universal | KSK 1005 | 10 | 5 | 6 | 50 | 10 | 90° | 1 |
| A10081060603 | HFJ 1013.06 | Z3 Universal | KSJ 1008 | 10 | 9 | 6 | 53 | 13 | 60° | 1 |
| A10081690603 | HFJ 1613.06 | Z3 Universal | KSK 1608 | 16 | 8 | 6 | 53 | 13 | 90° | 1 |
| A10081690803 | HFJ 1613.08 | Z3 Universal | KSK 1608 | 16 | 8 | 8 | 53 | 13 | 90° | 1 |
| A10081660603 | HFJ 1616.06 | Z3 Universal | KSJ 1613 | 16 | 14 | 6 | 56 | 16 | 60° | 1 |
| Recommended for: ● Steel ● Inox/Steel ● Aluminium ● Cast material ● Titanium | | | | | | | | | | |



Z3 + Z5 burrs for deburring (external)

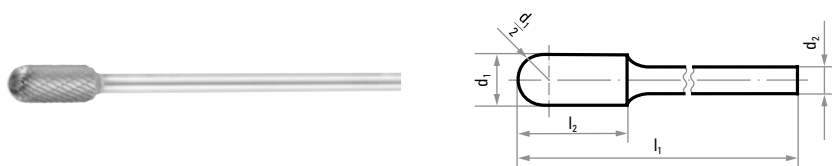
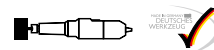


- perfectly shaped to fit boreholes of varying size

★★☆

| Product number | Description | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | l ₃ mm | Pack contains |
|---|-------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10140812603 | HFR 0812.06 | Z3 Universal | 8 | 12 | 6 | 52 | 3 | 1 |
| A10141015603 | HFR 1015.06 | Z3 Universal | 10 | 15 | 6 | 55 | 2 | 1 |
| A10141215603 | HFR 1215.06 | Z3 Universal | 12 | 15 | 6 | 55 | 6 | 1 |
| A10141215803 | HFR 1215.08 | Z3 Universal | 12 | 15 | 8 | 55 | 6 | 1 |
| A10141315603 | HFR 1315.06 | Z3 Universal | 13 | 15 | 6 | 55 | 3 | 1 |
| A10141315803 | HFR 1315.08 | Z3 Universal | 13 | 15 | 8 | 55 | 3 | 1 |
| A10141315605 | HFR 1315.06 | Z5 Hard | 13 | 15 | 6 | 55 | 3 | 1 |
| Recommended for: ● Steel ● Inox/Steel ● Aluminium ● Cast material ● Titanium | | | | | | | | |

Z7 Steel burr with extra-long shank



★★★

- shank length: 200 mm
- Thanks to the central cross cut, this burr is perfect for use on steel.

NEW

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | n _{max} rpm | Pack contains |
|------------------|----------------|-------|----------|----------------------|----------------------|----------------------|----------------------|-------------------------|------------------|
| A10011225608200 | HFA 1225.06 L | | Z7 Steel | 12 | 25 | 6 | 225 | 2,300 | 1 |
| A500112256080003 | HFAS 1225.06 L | | Z7 Steel | 12 | 25 | 6 | 200 | 2,300 | 1 |
| A10020616608200 | HFC 0616.06 L | | Z7 Steel | 6 | 16 | 6 | 216 | 2,300 | 1 |
| A10020820608200 | HFC 0820.06 L | | Z7 Steel | 8 | 20 | 6 | 220 | 4,200 | 1 |
| A10021020608200 | HFC 1020.06 L | | Z7 Steel | 10 | 20 | 6 | 220 | 4,200 | 1 |
| A10021225608200 | HFC 1225.06 L | | Z7 Steel | 12 | 25 | 6 | 225 | 3,400 | 1 |
| A10030605608200 | HFD 0605.06 L | | Z7 Steel | 6 | 5 | 6 | 205 | 3,400 | 1 |
| A10030807608200 | HFD 0807.06 L | | Z7 Steel | 8 | 7 | 6 | 207 | 2,900 | 1 |
| A10031009608200 | HFD 1009.06 L | | Z7 Steel | 10 | 9 | 6 | 209 | 2,300 | 1 |
| A10031210608200 | HFD 1210.06 L | | Z7 Steel | 12 | 10 | 6 | 210 | 5,200 | 1 |
| A10031210808200 | HFD 1210.08 L | | Z7 Steel | 12 | 10 | 8 | 210 | 5,300 | 1 |
| A10061220608200 | HFE 1220.06 L | | Z7 Steel | 12 | 20 | 6 | 220 | 2,500 | 1 |
| A10100618608200 | HFF 0618.06 L | | Z7 Steel | 6 | 18 | 6 | 218 | 4,100 | 1 |
| A10101230808200 | HFF 1230.08 L | | Z7 Steel | 12 | 30 | 8 | 230 | 3,500 | 1 |
| A10040618608200 | HFG 0618.06 L | | Z7 Steel | 6 | 18 | 6 | 218 | 4,100 | 1 |
| A10041230808200 | HFG 1230.08 L | | Z7 Steel | 12 | 30 | 8 | 230 | 3,500 | 1 |
| A10091020608200 | HFH 1020.06 L | | Z7 Steel | 10 | 20 | 6 | 220 | 2,900 | 1 |

Recommended for: ● Steel ● Cast material ● Titanium



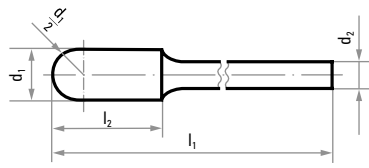
SAFETY ADVICE

To prevent shank breakage, never exceed the maximum permitted speed when there is no tool contact (see product table). You may work at twice the maximum permitted speed only if the burr is in contact

with the workpiece or inserted into a channel or borehole before the power tool is switched on, and remains there until the power tool comes to a complete standstill.



Z3 Universal burr with extra-long shank



- shank length: 200 mm
- with single cut for universal applications

★★☆

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | n _{max} rpm | Pack contains |
|-----------------|---------------|-------|--------------|----------------------|----------------------|----------------------|----------------------|-------------------------|------------------|
| A10020616603200 | HFC 0616.06 L | | Z3 Universal | 6 | 16 | 6 | 216 | 4,200 | 1 |
| A10020820603200 | HFC 0820.06 L | | Z3 Universal | 8 | 20 | 6 | 220 | 3,400 | 1 |
| A10030605603200 | HFD 0605.06 L | | Z3 Universal | 6 | 5 | 6 | 205 | 5,200 | 1 |
| A10030807603200 | HFD 0807.06 L | | Z3 Universal | 8 | 7 | 6 | 207 | 4,600 | 1 |
| A10031009603200 | HFD 1009.06 L | | Z3 Universal | 10 | 9 | 6 | 209 | 3,900 | 1 |
| A10031210603200 | HFD 1210.06 L | | Z3 Universal | 12 | 10 | 6 | 210 | 3,400 | 1 |
| A10061220603200 | HFE 1220.06 L | | Z3 Universal | 12 | 20 | 6 | 220 | 2,500 | 1 |
| A10100618603200 | HFF 0618.06 L | | Z3 Universal | 6 | 18 | 6 | 218 | 4,100 | 1 |
| A10040618603200 | HFG 0618.06 L | | Z3 Universal | 6 | 18 | 6 | 218 | 4,100 | 1 |
| A10091020603200 | HFH 1020.06 L | | Z3 Universal | 10 | 20 | 6 | 220 | 2,900 | 1 |

Recommended for: Steel Inox/Steel Titanium

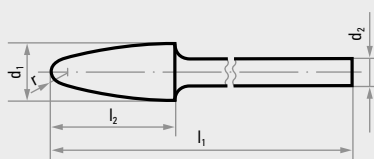
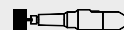


SAFETY ADVICE

To prevent shank breakage, never exceed the maximum permitted speed when there is no tool contact (see product table). You may work at twice the maximum permitted speed only if the burr is in contact

with the workpiece or inserted into a channel or borehole before the power tool is switched on, and remains there until the power tool comes to a complete standstill.

ZX Universal burr with extra-long shank



★☆☆

- shank length: 150 mm
- the all-rounder for universal applications
- with cross cut for high performance

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | n _{max} rpm | Pack contains |
|-----------------|--------------------|-------|--------------|----------------------|----------------------|----------------------|----------------------|-------------------------|------------------|
| A10020820622150 | HFC 0820.06 BASE-X | | ZX Universal | 8 | 20 | 6 | 170 | 5,500 | 1 |
| A10021020622150 | HFC 1020.06 BASE-X | | ZX Universal | 10 | 20 | 6 | 170 | 4,700 | 1 |
| A10021225622150 | HFC 1225.06 BASE-X | | ZX Universal | 12 | 25 | 6 | 175 | 3,600 | 1 |
| A10030807622150 | HFD 0807.06 BASE-X | | ZX Universal | 8 | 7 | 6 | 157 | 7,900 | 1 |
| A10031009622150 | HFD 1009.06 BASE-X | | ZX Universal | 10 | 9 | 6 | 159 | 6,600 | 1 |
| A10100820622150 | HFF 0820.06 BASE-X | | ZX Universal | 8 | 20 | 6 | 170 | 5,600 | 1 |
| A10101225622150 | HFF 1225.06 BASE-X | | ZX Universal | 12 | 25 | 6 | 175 | 3,600 | 1 |

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

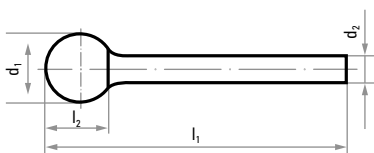
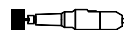


SAFETY ADVICE

To prevent shank breakage, never exceed the maximum permitted speed when there is no tool contact (see product table). You may work at twice the maximum permitted speed only if the burr is in contact

with the workpiece or inserted into a channel or borehole before the power tool is switched on, and remains there until the power tool comes to a complete standstill.






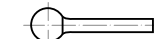











ZX Universal burr



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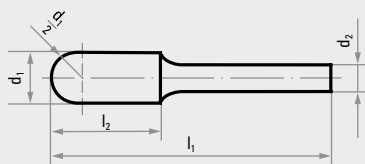
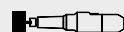
- the all-rounder for universal applications
- with cross cut for high performance

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|-----------------------------|---------------------|-------|--------------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|
| A10010313322 | HFA 0313.03 BASE-X | | ZX Universal | ZYA 0313 | 3 | 13 | 3 | 40 | 10 |
| A10010616622 | HFA 0616.06 BASE-X | | ZX Universal | ZYA 0616 | 6 | 16 | 6 | 50 | 10 |
| A10010820622 | HFA 0820.06 BASE-X | | ZX Universal | ZYA 0820 | 8 | 20 | 6 | 60 | 10 |
| A10011020622 | HFA 1020.06 BASE-X | | ZX Universal | ZYA 1020 | 10 | 20 | 6 | 60 | 10 |
| A10011225622 | HFA 1225.06 BASE-X | | ZX Universal | ZYA 1225 | 12 | 25 | 6 | 65 | 5 |
| NEW A500106166220001 | HFAS 0616.06 BASE-X | | ZX Universal | ZYA-S 0616 | 6 | 16 | 6 | 50 | 10 |

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains | | |
|---|---------------------|---|--------------|------------------------|----------------------|----------------------|----------------------|----------------------|------------------|---|------------------|
| A500108206220001 | HFAS 0820.06 BASE-X |  | ZX Universal | ZYA-S 0820 | 8 | 20 | 6 | 60 | 10 |  | |
| A500110206220001 | HFAS 1020.06 BASE-X | | ZX Universal | ZYA-S 1020 | 10 | 20 | 6 | 60 | 10 |  | |
| A500112256220001 | HFAS 1225.06 BASE-X | | ZX Universal | ZYA-S 1225 | 12 | 25 | 6 | 65 | 10 |  | |
| A10020313322 | HFC 0313.03 BASE-X |  | ZX Universal | WRC 0313 | 3 | 13 | 3 | 40 | 10 | | |
| A10020613322 | HFC 0613.03 BASE-X | | ZX Universal | WRC 0613 | 6 | 13 | 3 | 43 | 10 | | |
| A10020616622 | HFC 0616.06 BASE-X | | ZX Universal | WRC 0616 | 6 | 16 | 6 | 50 | 10 | | |
| A10020820622 | HFC 0820.06 BASE-X | | ZX Universal | WRC 0820 | 8 | 20 | 6 | 60 | 10 | | |
| A10021020622 | HFC 1020.06 BASE-X | | ZX Universal | WRC 1020 | 10 | 20 | 6 | 60 | 10 | | |
| A10021225622 | HFC 1225.06 BASE-X | | ZX Universal | WRC 1225 | 12 | 25 | 6 | 65 | 5 | | |
| A50021625622 | HFC 1625.06 BASE-X |  | ZX Universal | WRC 1625 | 16 | 25 | 6 | 65 | 5 |  | |
| A50030302322 | HFD 0302.03 BASE-X | | ZX Universal | KUD 0302 | 3 | 2 | 3 | 40 | 10 |  | |
| A10030403322 | HFD 0403.03 BASE-X | | ZX Universal | KUD 0403 | 4 | 3 | 3 | 34 | 10 | | |
| A10030605322 | HFD 0605.03 BASE-X | | ZX Universal | KUD 0605 | 6 | 5 | 3 | 35 | 10 | | |
| A10030807622 | HFD 0807.06 BASE-X | | ZX Universal | KUD 0807 | 8 | 7 | 6 | 47 | 10 | | |
| A10031009622 | HFD 1009.06 BASE-X | | ZX Universal | KUD 1009 | 10 | 9 | 6 | 49 | 10 | | |
| A10031210622 | HFD 1210.06 BASE-X |  | ZX Universal | KUD 1210 | 12 | 10 | 6 | 51 | 5 | | |
| A10100313322 | HFF 0313.03 BASE-X | | ZX Universal | RBF 0313 | 3 | 13 | 3 | 40 | 10 | | |
| A10100618622 | HFF 0618.06 BASE-X | | ZX Universal | RBF 0618 | 6 | 18 | 6 | 50 | 10 | | |
| A10100820622 | HFF 0820.06 BASE-X | | ZX Universal | – | 8 | 20 | 6 | 60 | 10 | | |
| A10101020622 | HFF 1020.06 BASE-X | | ZX Universal | RBF 1020 | 10 | 20 | 6 | 60 | 10 | | |
| A10101225622 | HFF 1225.06 BASE-X | | ZX Universal | RBF 1225 | 12 | 25 | 6 | 65 | 5 | | |
| A10040313322 | HFG 0313.03 BASE-X |  | ZX Universal | SPG 0313 | 3 | 13 | 3 | 40 | 10 | | |
| A10040613322 | HFG 0613.03 BASE-X | | ZX Universal | SPG 0613 | 6 | 13 | 3 | 43 | 10 | | |
| A50040618622 | HFG 0618.06 BASE-X | | ZX Universal | SPG 0613 | 6 | 13 | 3 | 43 | 10 |  | |
| A10040820622 | HFG 0820.06 BASE-X | | ZX Universal | SPG 0820 | 8 | 20 | 6 | 60 | 10 | | |
| A10041020622 | HFG 1020.06 BASE-X | | ZX Universal | SPG 1020 | 10 | 20 | 6 | 60 | 10 | | |
| A10041225622 | HFG 1225.06 BASE-X | | ZX Universal | SPG 1225 | 12 | 25 | 6 | 65 | 5 | | |
| A10041230622 | HFG 1230.06 BASE-X | | ZX Universal | SPG 1230 | 12 | 30 | 6 | 65 | 5 | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | r mm | α | Pack contains |
| A10071230622 | HFL 1230.06 BASE-X |  | ZX Universal | KEL 1230 | 12 | 30 | 6 | 70 | 2.6 | 14° | 5 |
| A10050311322 | HFM 0311.03 BASE-X |  | ZX Universal | SKM 0311 | 3 | 11 | 3 | 40 | – | 14° | 10 |
| A50050613322 | HFM 0613.03 BASE-X | | ZX Universal | SKM 0613 | 6 | 13 | 3 | 43 | – | 26° | 10 |
| A10050618622 | HFM 0618.06 BASE-X | | ZX Universal | SKM 0618 | 6 | 18 | 6 | 50 | – | 16° | 10 |
| A10051020622 | HFM 1020.06 BASE-X | | ZX Universal | SKM 1020 | 10 | 20 | 6 | 60 | – | 27° | 10 |
| A10051225622 | HFM 1225.06 BASE-X | | ZX Universal | SKM 1225 | 12 | 25 | 6 | 65 | – | 26° | 5 |
| Recommended for:  Steel  Cast material  Inox/Steel  Titan | | | | | | | | | | | |



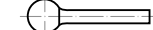
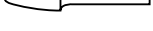
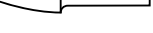


Recommended for: ● Steel ● Cast material ● Inox/Steel ● Titan

ZX Universal burr with imperial-sized shank



★☆☆

- the all-rounder for universal applications
- with cross cut for high performance

| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ inch | l ₁ mm | Pack contains | | |
|---|--------------------|---|--------------|------------------------|----------------------|----------------------|------------------------|----------------------|------------------|-----|------------------|
| A5001082062214 | HFA 0820.06 BASE-X |  | ZX Universal | ZYA 8020 | 8 | 20 | 1/4" | 60 | 10 | | |
| A5001102062214 | HFA 1020.06 BASE-X | | ZX Universal | ZYA 1020 | 10 | 20 | 1/4" | 60 | 10 | | |
| A5001122562214 | HFA 1225.06 BASE-X | | ZX Universal | ZYA 1225 | 12 | 25 | 1/4" | 65 | 5 | | |
| A5002061662214 | HFC 0616.06 BASE-X |  | ZX Universal | WRC 0616 | 6 | 16 | 1/4" | 50 | 10 | | |
| A5002082062214 | HFC 0820.06 BASE-X | | ZX Universal | WRC 0820 | 8 | 20 | 1/4" | 60 | 10 | | |
| A5002102062214 | HFC 1020.06 BASE-X | | ZX Universal | WRC 1020 | 10 | 20 | 1/4" | 60 | 10 | | |
| A5002122562214 | HFC 1225.06 BASE-X |  | ZX Universal | WRC 1225 | 12 | 25 | 1/4" | 65 | 5 | | |
| A5003100962214 | HFD 1009.06 BASE-X | | ZX Universal | KUD 1009 | 10 | 9 | 1/4" | 49 | 10 | | |
| A5003121062214 | HFD 1210.06 BASE-X | | ZX Universal | KUD 1210 | 12 | 10 | 1/4" | 51 | 5 | | |
| A5010082062214 | HFF 0820.06 BASE-X |  | ZX Universal | – | 8 | 20 | 1/4" | 60 | 10 | | |
| A5010102062214 | HFF 1020.06 BASE-X | | ZX Universal | RBF 1020 | 10 | 20 | 1/4" | 60 | 10 | | |
| A5010122562214 | HFF 1225.06 BASE-X | | ZX Universal | RBF 1225 | 12 | 25 | 1/4" | 65 | 5 | | |
| A5004082062214 | HFG 0820.06 BASE-X |  | ZX Universal | SPG 8020 | 8 | 20 | 1/4" | 60 | 10 | | |
| A5004102062214 | HFG 1020.06 BASE-X | | ZX Universal | SPG 1020 | 10 | 20 | 1/4" | 60 | 10 | | |
| A5004122562214 | HFG 1225.06 BASE-X | | ZX Universal | SPG 1225 | 12 | 25 | 1/4" | 65 | 5 | | |
| A5004123062214 | HFG 1230.06 BASE-X | | ZX Universal | SPG 1230 | 12 | 30 | 1/4" | 70 | 5 | | |
| Product number | Description | Shape | Cut | Similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ inch | l ₁ mm | r mm | α | Pack contains |
| A5007123062214 | HFL 1230.06 BASE-X |  | ZX Universal | KEL 1230 | 12 | 30 | 1/4" | 70 | 2.6 | 14° | 5 |
| A5005061862214 | HFM 0618.06 BASE-X |  | ZX Universal | SKM 0618 | 6 | 18 | 1/4" | 50 | – | 16° | 10 |
| A5005102062214 | HFM 1020.06 BASE-X | | ZX Universal | SKM 1020 | 10 | 20 | 1/4" | 60 | – | 27° | 10 |
| A5005122562214 | HFM 1225.06 BASE-X | | ZX Universal | SKM 1225 | 12 | 25 | 1/4" | 65 | – | 26° | 5 |
| Recommended for: ● Steel ● Cast material ● Inox/Steel ● Titan | | | | | | | | | | | |

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

NEW Carbide burr assortment ZX TiAlN



★☆☆

- general toothing
- longer tool life
- HeavyDuty coating for extreme applications

| Product number | Description | Cut | Shank diameter mm | Content 1 per pack | Pack contains |
|----------------|-------------------------------|--------------|-------------------|--|---------------|
| A50390006TiAlN | ZX-6 assortment 6-piece TiAlN | ZX Universal | 6 | 6 parts: HFAS 1225.06 HFM 1020.06 HFC 0616.06 HFL 1230.06 HFF 1020.06 | 1 |

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

Carbide burr assortments



- Always the right tool at hand. With our practical tool assortments, you can 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



Set HM STEEL S3



Set HM STEEL S6



Set HM INOX S6



Set HM ALU S3



Set HM ALU S6

★★☆

| Product number | Description | Cut | Shank Ø mm | Content 1 per pack | Pack contains |
|--|-----------------|-----------------|------------|--|---------------|
| A10390010 | Set HM STEEL S3 | Z7 Steel | 3 | 10 parts: HFA 0313 HFC 0613 HFG 0313 HFF 0313 | 1 |
| A1039001006 | Set HM STEEL S6 | Z7 Steel | 6 | 10 parts: HFAS 0616 HFC 1225 HFD 1210 HFF 0820 | 1 |
| Recommended for: ● Steel ● Cast material ● Titanium | | | | | |
| A1039001020 | Set HM INOX S6 | Z42 Inox/ Steel | 6 | 10 parts: HFA 0616 HFC 1225 HFG 0618 HFF 1225 | 1 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material | | | | | |
| A1039000509 | Set HM ALU S3 | Z9 Alu | 3 | 5 parts: HFA 0313 HFF 0313 | 1 |
| A10390005096 | Set HM ALU S6 | Z9 Alu | 6 | 5 parts: HFA 0616 HFF 0618 | 1 |
| Recommended for: ● Aluminium ● Plastic/Wood | | | | | |



ZX Universal carbide burr assortments

- Always the right tool at hand. With our practical tool assortments, you can 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 Ø mm | Content 1 per pack | Pack contains |
|--|--------------|--------------|------------|----------------------------------|---------------|
| A10390053 | F5 S3 BASE-X | ZX Universal | 3 | 5 parts: HFA 0313 HFF 0313 | 1 |
| A10390056 | F5 S6 BASE-X | ZX Universal | 6 | 5 parts: HFA 1225 HFF 1225 | 1 |
| Recommended for: ● Steel ● Cast material ● Inox/Steel ● Titan | | | | | |

MOULD MAKER HIGHLIGHTS

THE PRACTICAL MOULDMAKING TOOL SET

With the 10-piece tool set, you can test the various LUKAS mouldmaking tools and convince yourself about their capabilities! Mouldmaking, an important area in tool and machine engineering, requires precise instruments to create complex structures and exact contours. Choosing the right tools is a decisive factor in or-

der to be able to assure the highest quality and efficiency. LUKAS offers a broad range of high-quality tools that have been specially developed for mouldmaking.



5 GRINDING TOOLS

- Self-sharpening **Ceramic abrasive cap** for fast removal rates
- **Abrasive cap mandrel** for securely holding the abrasive cap
- **Ceramic mounted point** – perfect for machining the hardest materials and coatings
- **SFL mounted flap wheels** in grit sizes 60 and 120 for typical mouldmaking applications

4 POLISHING TOOLS

- **P5 polishing point** with rubber bond for pre-finishing previously ground surfaces
- **P2 polishing point** with finer grit and softer rubber bond for the second polishing step
- **Super-E diamond paste** – specially developed for mouldmaking
- **P3 felt polishing tool** – perfect for applying polishing pastes

1 MILLING TOOL

- **ZF3 burr** with particularly fine toothing for impressive surface results in the 1st work step

NEW Mould Maker Highlights, 10-piece tool set



- high-quality tools, especially for mouldmaking
- 5 grinding tools
- 4 polishing tools
- 1 burr

| Product number | Description | Shank mm | Content of the 10-piece set 1 per pack | | | Pack contains |
|----------------|------------------------|----------|---|------------------|------------------------------|---------------|
| A6048001020001 | Mould Maker Highlights | 6 | ZF1 – ZF3 rotary file | A100106166140001 | HFAS 0616.06 ZF3 | 1 |
| | | | SK Ceramic abrasive cap | A21120162150 | SKWR 1626 Ceramic 150 | |
| | | | Abrasive cap mandrel | A250001626 | GTWR 1626.06 X 40 hard | |
| | | | Ceramic mounted point | A200001325677 | ZY 1325.06 CERAMIC 46 L V118 | |
| | | | SFL Mounted flap wheel | A2200020156060 | SFL 02015.06 NK 60 | |
| | | | SFL Mounted flap wheel | A2200020056120 | SFL 02005.06 NK 120 | |
| | | | P5 polishing point | A2620013206120 | P5ZY 1320.06 GRAIN 120 red | |
| | | | P2 polishing point (DIN 69170) | A2610013206280 | P2ZY 1320.06 GRAIN 280 green | |
| | | | Monocrystalline diamond pastes | A3410119310 | E-093 6µm (YELLOW) 10g | |
| | | | P3 polishing point | A3700012206 | P3ZY 1220.06 H3 | |
| | | | | | | |

Recommended for: ● Steel ● Inox/Steel

NEXT LEVEL 3D PRINTING

SPECIALLY DEVELOPED MILLING TOOLS ONLY FOR 3D PRINTING

3D printing, also called additive manufacturing, has already found its way into many areas and sectors of industry and is undergoing constant further development. The process gives companies and developers the freedom to create shapes that could never have been produced using conventional manufacturing methods.

This innovative and efficient manufacturing process offers advantages that conventional production technologies cannot. It is used in the construction of demonstration and functional prototypes, small and medium-sized production series, and increasingly for large-scale series production. However, only in the rarest cases do workpieces and manufactured parts come out of the 3D printer ready for use.

EASYFINISH 3D BURR

In particular, our 3D printing burr series with its specially developed geometries and a specifically optimised toothing allows supporting structures to be easily removed and cut off as precisely as with a scalpel. This saves the user time, effort and unnecessary work steps during the manual finishing.

MANUAL FINISHING MADE EASY – FIND OUT WHAT THE EASYFINISH 3D CAN DO.



EasyFinish 3D burr **NEW**

- burr for removing supporting structures in additive manufacturing
- put an end to time-consuming finishing work
- specially developed shapes for every 3D printed product
- optimised for finishing 3D-printed products
- cleanly cuts off and removes supports and burrs and smoothens surfaces
- LUKAS offers the right variant for every angle and shape



| Product number | Description | Shape | Cut | similar to DIN 8033 | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|--------------|-------|---------------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| A10011602303 | HFAS 1602.03 | | EasyFinish 3D | – | 16 | 2 | 3 | 47 | 1 |
| A10010320300 | HFAS 0320.03 | | EasyFinish 3D | ZYA-S 0320 | 3 | 20 | 3 | 50 | 1 |
| A10020320300 | HFC 0320.03 | | EasyFinish 3D | – | 3 | 20 | 3 | 50 | 1 |
| A10030605324 | HFD 0605.03 | | EasyFinish 3D | KUD 0605 | 6 | 5 | 3 | 50 | 1 |

Recommended for: Steel Inox/Steel Aluminium Plastic/Wood



FINISHING PROBLEM SOLVER

FINISHING ADDITIVELY MANUFACTURED SHAPES WITH THE EASYFINISH 3D TOOL SET

Parts produced with the aid of additive manufacturing are often extremely dependent on supporting structures. This is the only way to build up parts layer by layer in the powder. These supporting structures have to be subsequently removed so that the functionality of the workpiece is not impaired. Until now, this usually required the use of manual tools.

The EasyFinish 3D tool set from LUKAS puts an end to this time-consuming work. This set provides you with ten precise tools in proven LUKAS quality for every conceivable finishing requirement, such as for laser metal deposition with (LMD-w)

and without wire. Surfaces can be easily smoothed, for example for removing stepping effects on bevels and radii, creating flat surfaces, or for cleaning and then polishing bores. And best thing is: all ten tools in the set have a 3 mm shank. You only need one power tool for every application.



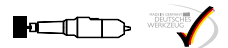
See it in action

10-PIECE
TOOL ASSORTMENT

NEW EasyFinish 3D tool range



★★★☆☆



- put an end to time-consuming finishing work
- four burrs for removing support structures – the right variant for every angle
- three mounted points in different shapes that have proven their value and established themselves in toolmaking and mouldmaking
- three P2 polishing points for fine to gloss polishing of even the smallest surfaces

| Product number | Description | Toothings / grit | Shank diameter mm | Set scope | Content per pack | | Pack contains |
|----------------|------------------------|------------------|-------------------|-----------|------------------------|----------------------|---------------|
| A103900103 | EasyFinish 3D tool set | EasyFinish 3D | 3 | 10 parts | HFAS 0320 HFD 0605 | HFC 0320 HFA 1602 | 1 |
| | | NDW 100 Qu V115 | | | ZY 0408 WR 1013 | SP 0510 | |
| | | K120 | | | P2ZY 0610 P2KU 1010 | P2ZY 1010 | |

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

GET IN TOUCH!

LUKAS TOOLS – PERFECT FOR USE WITH ROBOTS

OUR CUTTING-EDGE TOOLS FOR YOUR MODERN PRODUCTION PROCESSES



Tools for stationary use

Range of applications:

- tool construction
- turbine construction
- aerospace industry
- general engineering

In addition to rotary burrs, we also produce tungsten carbide milling tools in special shapes and sizes for stationary applications. We supply these milling cutters with a maximum diameter of 20 mm and a maximum length of 250 mm; they differ from our extensive standard range in their shape, tool material and geometry (rake, clearance and helix angles).



Differential drill, radius mill, shank-end mill, die mill, profile mill

Available upon request

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

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS burrs made from HSS

QUALITY

LUKAS burrs are made from tried-and-tested steels. Our modern automatic flute grinding machines and heat treatment ensure consistently high quality.

APPLICATION

Combined with the right cut and speed, LUKAS HSS burrs can be used to efficiently cut a wide range of materials.

Please refer to the table on **page 54** for cutting speeds and the table on **page 53** for information on the various cuts.

As a rule of thumb:

- soft material = coarse cut
- hard material = fine cut

POWER TOOLS

LUKAS HSS burrs can be used on any commercially available pneumatic or electrical machinery. Obtaining the best result requires the machine to be run at the correct speed, the collets to run true and the bearings to be in good condition.

SHANKS

The standard shank length is 40 mm. Extra-long shanks are available on request for inaccessible working areas.

PACKAGING

Depending on the burr dimensions ordered, we select one of our environmentally friendly standard packages (5 or 10 items).

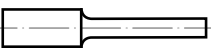
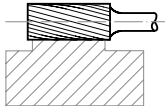

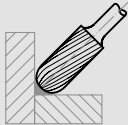

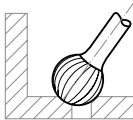

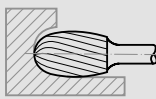

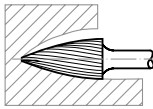

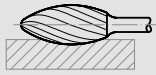
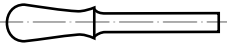
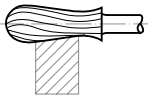
SPECIAL TOOLS


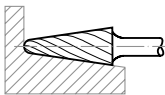
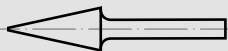
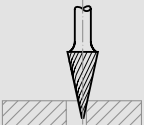
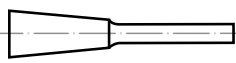
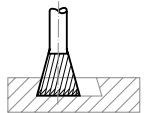
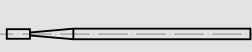
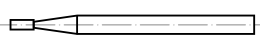
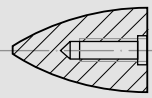
We can produce HSS burrs to the usual high LUKAS quality standards based on your specifications or drawing.

THE PERFECT BURRS FOR
USE IN MODEL MAKING AND
3D PRINTING **FROM PAGE 59**



SHAPE


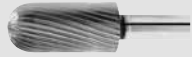
The available shapes and cuts of our burrs

| Shape | | Application |
|---|--------------------------------------|---|
|  | MFA Cylindrical |  |
|  | MFC Cylindrical round nose |  |
|  | MFD Spherical |  |
|  | MFE Oval |  |
|  | MFG Arch pointed nose |  |
|  | MFH Flame |  |
|  | MFK Club |  |

| Shape | | Application |
|--|--|---|
|  | MFL Conical round nose |  |
|  | MFM Conical pointed nose |  |
|  | MFN Inverted cone |  |
|  | MF Miniature burr, shank 3 mm | — |
|  | MF Miniature burr, shank 6 mm | — |
|  | Burr with internal thread | — |

CUTS

| Cut | | Properties | Page |
|---|----|--|------|
|  | Z1 | Coarse cut for soft materials | 55 |
|  | Z2 | Robust single cut for high stock removal | 56 |

| Cut | | Properties | Page |
|--|----|--|-------|
|  | Z3 | Medium single cut | 57/58 |
|  | Z5 | Very fine single cut for high-quality surfaces | 58 |

RECOMMENDED APPLICATIONS

Three steps to your perfect burr made from HSS

STEP 1

Begin by selecting the right **material** and **machining mode** (coarse to fine) from the table.

STEP 2

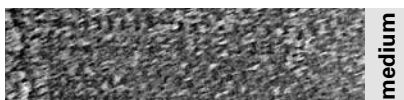
Read off the recommended **cut** and **cutting speed**.

| Material | Strength (N/mm ²) | Machining | Cut | Recommended cutting speed v_c (m/min) |
|---------------------|-------------------------------|-----------|-----|---|
| ● Steel, cast steel | up to 800 | coarse | Z2 | 50–100 |
| | | medium | Z3 | 100–200 |
| | | fine | Z5 | 50–200 |
| | 800 to 1,200 | coarse | Z2 | 50–100 |
| | | medium | Z3 | 100–200 |
| | | fine | Z5 | 50–200 |
| ● Non-ferrous metal | up to 450 | coarse | Z1 | 200–300 |
| | | medium | Z2 | 150–300 |
| ● Plastic and wood | 20 to 400 | coarse | Z1 | 200–300 |
| | | fine | Z2 | 150–300 |

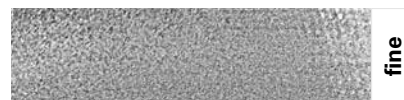
MACHINING



coarse



medium



fine

STEP 3

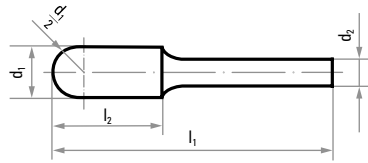
Determine the appropriate **speed** for your power tool in the second table, based on the tool diameter and cutting speed.

| Recommended cutting speed v_c (m/min) | | | | | | | |
|---|----|-------------|--------|--------|--------|--------|--------|
| | | 50 | 100 | 150 | 200 | 250 | 300 |
| Tool diameter (mm) | 2 | 8,000 | 16,000 | 24,000 | 32,000 | 40,000 | 48,000 |
| | 3 | 5,000 | 11,000 | 16,000 | 21,000 | 27,000 | 32,000 |
| | 4 | 4,000 | 8,000 | 12,000 | 16,000 | 20,000 | 24,000 |
| | 6 | 3,000 | 5,000 | 8,000 | 11,000 | 13,000 | 16,000 |
| | 8 | 2,000 | 4,000 | 6,000 | 8,000 | 10,000 | 12,000 |
| | 10 | 2,000 | 3,000 | 5,000 | 6,000 | 8,000 | 10,000 |
| | 12 | 1,000 | 3,000 | 4,000 | 5,000 | 7,000 | 8,000 |
| | 16 | 1,000 | 2,000 | 3,000 | 4,000 | 5,000 | 6,000 |
| | 20 | 1,000 | 2,000 | 2,000 | 3,000 | 4,000 | 5,000 |
| | 22 | 1,000 | 1,000 | 2,000 | 3,000 | 4,000 | 4,000 |
| | 25 | 1,000 | 1,000 | 2,000 | 3,000 | 3,000 | 4,000 |
| | 30 | 1,000 | 1,000 | 2,000 | 2,000 | 3,000 | 3,000 |
| | 35 | – | 1,000 | 1,000 | 2,000 | 2,000 | 3,000 |
| | | Speed (rpm) | | | | | |



Z1 HSS burr

MILLING



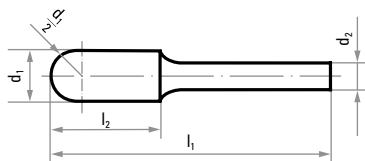
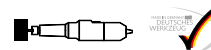
■ coarse cut for soft materials

★★☆

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12001225601 | MFA 1225.06 | | Z1 | 12 | 25 | 6 | 65 | 5 |
| A12001625601 | MFA 1625.06 | | Z1 | 16 | 25 | 6 | 65 | 5 |
| A120006166010001 | MFAS 0616.06 | | Z1 | 6 | 16 | 6 | 56 | 10 |
| A120012256010001 | MFAS 1225.06 | | Z1 | 12 | 25 | 6 | 65 | 5 |
| A120016256010001 | MFAS 1625.06 | | Z1 | 16 | 25 | 6 | 65 | 5 |
| A12010620601 | MFC 0620.06 | | Z1 | 6 | 20 | 6 | 60 | 10 |
| A12010850601 | MFC 0850.06 | | Z1 | 8 | 50 | 6 | 90 | 10 |
| A12011225601 | MFC 1225.06 | | Z1 | 12 | 25 | 6 | 65 | 5 |
| A12050808601 | MFD 0807.06 | | Z1 | 8 | 7 | 6 | 60 | 10 |
| A12051212601 | MFD 1210.06 | | Z1 | 12 | 10 | 6 | 60 | 5 |
| A12051614601 | MFD 1614.06 | | Z1 | 16 | 14 | 6 | 60 | 5 |
| A12081220601 | MFE 1220.06 | | Z1 | 12 | 20 | 6 | 60 | 5 |
| A12081625601 | MFE 1625.06 | | Z1 | 16 | 25 | 6 | 60 | 5 |
| A12060618601 | MFG 0618.06 | | Z1 | 6 | 18 | 6 | 58 | 10 |
| A12061220601 | MFG 1220.06 | | Z1 | 12 | 20 | 6 | 60 | 5 |
| A12061230601 | MFG 1230.06 | | Z1 | 12 | 30 | 6 | 70 | 5 |
| A12061630601 | MFG 1630.06 | | Z1 | 16 | 30 | 6 | 70 | 5 |
| A12031630601 | MFL 1630.06 | | Z1 | 16 | 30 | 6 | 70 | 5 |
| A12020618601 | MFM 0618.06 | | Z1 | 6 | 18 | 6 | 58 | 10 |
| A12021230601 | MFM 1230.06 | | Z1 | 12 | 30 | 6 | 70 | 5 |
| A120412136010001 | MFNS 1213.06 | | Z1 | 12 | 13 | 6 | 53 | 5 |

Recommended for: ● Aluminium ● Plastic/Wood

Z2 HSS burr



★★☆

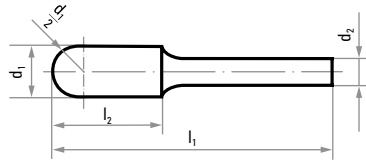
■ robust single cut for high stock removal

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12000616602 | MFA 0616.06 | | Z2 | 6 | 16 | 6 | 56 | 10 |
| A12001013602 | MFA 1013.06 | | Z2 | 10 | 13 | 6 | 53 | 10 |
| A12001225602 | MFA 1225.06 | | Z2 | 12 | 25 | 6 | 65 | 5 |
| A12001625602 | MFA 1625.06 | | Z2 | 16 | 25 | 6 | 65 | 5 |
| A120006166020001 | MFAS 0616.06 | | Z2 | 6 | 16 | 6 | 56 | 10 |
| A120010136020001 | MFAS 1013.06 | | Z2 | 10 | 13 | 6 | 53 | 10 |
| A120012256020001 | MFAS 1225.06 | | Z2 | 12 | 25 | 6 | 65 | 5 |
| A120016256020001 | MFAS 1625.06 | | Z2 | 16 | 25 | 6 | 65 | 5 |
| A12010620602 | MFC 0620.06 | | Z2 | 6 | 20 | 6 | 60 | 10 |
| A12010850602 | MFC 0850.06 | | Z2 | 8 | 50 | 6 | 90 | 10 |
| A12011225602 | MFC 1225.06 | | Z2 | 12 | 25 | 6 | 65 | 5 |
| A120504046020001 | MFD 0404.06 | | Z2 | 4,5 | 4 | 6 | 60 | 10 |
| A12050606602 | MFD 0605.06 | | Z2 | 6 | 5 | 6 | 60 | 10 |
| A12050808602 | MFD 0807.06 | | Z2 | 8 | 7 | 6 | 60 | 10 |
| A12051010602 | MFD 1009.06 | | Z2 | 10 | 9 | 6 | 60 | 10 |
| A12051614602 | MFD 1614.06 | | Z2 | 16 | 14 | 6 | 60 | 5 |
| A12060618602 | MFG 0618.06 | | Z2 | 6 | 18 | 6 | 58 | 10 |
| A12061220602 | MFG 1220.06 | | Z2 | 12 | 20 | 6 | 60 | 5 |
| A12061230602 | MFG 1230.06 | | Z2 | 12 | 30 | 6 | 70 | 5 |
| A12061630602 | MFG 1630.06 | | Z2 | 16 | 30 | 6 | 70 | 5 |
| A12090620602 | MFK 0620.06 | | Z2 | 6 | 20 | 6 | 60 | 10 |
| A12091230602 | MFK 1230.06 | | Z2 | 12 | 30 | 6 | 70 | 5 |
| A12031020602 | MFL 1020.06 | | Z2 | 10 | 20 | 6 | 60 | 10 |
| A12031630602 | MFL 1630.06 | | Z2 | 16 | 30 | 6 | 70 | 5 |
| A12020618602 | MFM 0618.06 | | Z2 | 6 | 18 | 6 | 58 | 10 |
| A12021020602 | MFM 1020.06 | | Z2 | 10 | 20 | 6 | 60 | 10 |
| A12021230602 | MFM 1230.06 | | Z2 | 12 | 30 | 6 | 70 | 5 |

Recommended for: ● Plastic/Wood ● Steel ● Aluminium



Z3 HSS burr



MILLING

■ medium single cut

★★☆

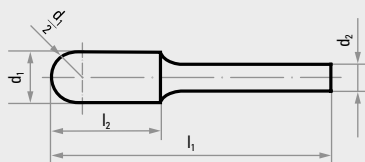
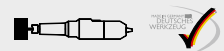
| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12000616603 | MFA 0616.06 | | Z3 | 6 | 16 | 6 | 56 | 10 |
| A12000820603 | MFA 0820.06 | | Z3 | 8 | 20 | 6 | 60 | 10 |
| A12001013603 | MFA 1013.06 | | Z3 | 10 | 13 | 6 | 53 | 10 |
| A12001020603 | MFA 1020.06 | | Z3 | 10 | 20 | 6 | 60 | 10 |
| A12001225603 | MFA 1225.06 | | Z3 | 12 | 25 | 6 | 65 | 5 |
| A12001625603 | MFA 1625.06 | | Z3 | 16 | 25 | 6 | 65 | 5 |
| A120006166030001 | MFAS 0616.06 | | Z3 | 6 | 16 | 6 | 56 | 10 |
| A120008206030001 | MFAS 0820.06 | | Z3 | 8 | 20 | 6 | 60 | 10 |
| A120010136030001 | MFAS 1013.06 | | Z3 | 10 | 13 | 6 | 53 | 10 |
| A120012256030001 | MFAS 1225.06 | | Z3 | 12 | 25 | 6 | 65 | 5 |
| A120016256030001 | MFAS 1625.06 | | Z3 | 16 | 25 | 6 | 65 | 5 |
| A12010620603 | MFC 0620.06 | | Z3 | 6 | 20 | 6 | 60 | 10 |
| A12010820603 | MFC 0820.06 | | Z3 | 8 | 20 | 6 | 60 | 10 |
| A12011020603 | MFC 1020.06 | | Z3 | 10 | 20 | 6 | 60 | 10 |
| A12011225603 | MFC 1225.06 | | Z3 | 12 | 25 | 6 | 65 | 5 |
| A12050303603 | MFD 0302.06 | | Z3 | 3 | 2 | 6 | 60 | 10 |
| A120503036030001 | MFD 0303.06 | | Z3 | 3,5 | 3 | 6 | 60 | 10 |
| A12050404603 | MFD 0403.06 | | Z3 | 4 | 3 | 6 | 60 | 10 |
| A120504046030001 | MFD 0404.06 | | Z3 | 4,5 | 4 | 6 | 60 | 10 |
| A12050505603 | MFD 0504.06 | | Z3 | 5 | 4 | 6 | 60 | 10 |
| A12050606603 | MFD 0605.06 | | Z3 | 6 | 5 | 6 | 60 | 10 |
| A12050808603 | MFD 0807.06 | | Z3 | 8 | 7 | 6 | 60 | 10 |
| A12051010603 | MFD 1009.06 | | Z3 | 10 | 9 | 6 | 60 | 10 |
| A12051212603 | MFD 1210.06 | | Z3 | 12 | 10 | 6 | 60 | 5 |
| A12051614603 | MFD 1614.06 | | Z3 | 16 | 14 | 6 | 60 | 5 |
| A12081220603 | MFE 1220.06 | | Z3 | 12 | 20 | 6 | 60 | 5 |
| A12081625603 | MFE 1625.06 | | Z3 | 16 | 25 | 6 | 60 | 5 |
| A12060618603 | MFG 0618.06 | | Z3 | 6 | 18 | 6 | 58 | 10 |
| A12061220603 | MFG 1220.06 | | Z3 | 12 | 20 | 6 | 60 | 5 |
| A12061225603 | MFG 1225.06 | | Z3 | 12 | 25 | 6 | 65 | 5 |
| A12061230603 | MFG 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12061630603 | MFG 1630.06 | | Z3 | 16 | 30 | 6 | 70 | 5 |
| A12070820603 | MFH 0820.06 | | Z3 | 8 | 20 | 6 | 60 | 10 |
| A12071230603 | MFH 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12071635603 | MFH 1635.06 | | Z3 | 16 | 35 | 6 | 75 | 5 |
| A12090620603 | MFK 0620.06 | | Z3 | 6 | 20 | 6 | 60 | 10 |
| A12091230603 | MFK 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12031020603 | MFL 1020.06 | | Z3 | 10 | 20 | 6 | 60 | 10 |
| A12031230603 | MFL 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12031630603 | MFL 1630.06 | | Z3 | 16 | 30 | 6 | 70 | 5 |

Recommended for: ● Steel

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12020618603 | MFM 0618.06 | | Z3 | 6 | 18 | 6 | 58 | 10 |
| A12020820603 | MFM 0820.06 | | Z3 | 8 | 20 | 6 | 60 | 10 |
| A12021020603 | MFM 1020.06 | | Z3 | 10 | 20 | 6 | 60 | 10 |
| A12021225603 | MFM 1225.06 | | Z3 | 12 | 25 | 6 | 65 | 5 |
| A12021230603 | MFM 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12041230603 | MFN 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |
| A12041213603 | MFN 1213.06 | | Z3 | 12 | 13 | 6 | 53 | 5 |
| A120412136030001 | MFNS 1213.06 | | Z3 | 12 | 13 | 6 | 53 | 5 |
| A120412306030001 | MFNS 1230.06 | | Z3 | 12 | 30 | 6 | 70 | 5 |

Recommended for: ● Steel

Z5 HSS burr



■ very fine single cut for high-quality surfaces

★★★

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|--------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12000304605 | MFA 0304.06 | | Z5 | 3 | 4.5 | 6 | 60 | 10 |
| A12000607605 | MFA 0607.06 | | Z5 | 6 | 7 | 6 | 60 | 10 |
| A12001225605 | MFA 1225.06 | | Z5 | 12 | 25 | 6 | 65 | 5 |
| A120006166050001 | MFAS 0616.06 | | Z5 | 6 | 16 | 6 | 56 | 10 |
| A12010620605 | MFC 0620.06 | | Z5 | 6 | 20 | 6 | 60 | 10 |
| A12011225605 | MFC 1225.06 | | Z5 | 12 | 25 | 6 | 65 | 5 |
| A12050808605 | MFD 0807.06 | | Z5 | 8 | 7 | 6 | 60 | 10 |
| A12051010605 | MFD 1009.06 | | Z5 | 10 | 9 | 6 | 60 | 10 |
| A12061230605 | MFG 1230.06 | | Z5 | 12 | 30 | 6 | 70 | 5 |
| A12061630605 | MFG 1630.06 | | Z5 | 16 | 30 | 6 | 70 | 5 |
| A12031630605 | MFL 1630.06 | | Z5 | 16 | 30 | 6 | 70 | 5 |
| A12040303605 | MFN 0303.06 | | Z5 | 3 | 3 | 6 | 60 | 10 |
| A12040606605 | MFN 0606.06 | | Z5 | 6 | 6 | 6 | 60 | 10 |

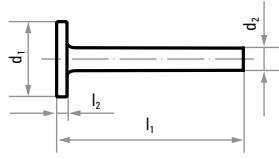
Recommended for: ● Steel

Z5 HSS miniature burr

MILLING



- Shank diameter: 3 mm
- very fine single cut for high-quality surfaces

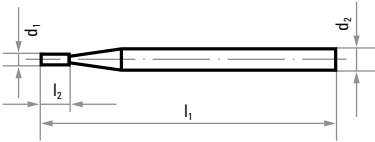


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| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|----------------|-------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A1236082705 | MF 827 | | Z5 | 4 | 2,8 | 3 | 40 | 10 |
| A1236082905 | MF 829 | | Z5 | 6 | 4,2 | 3 | 41 | 10 |
| A1236083105 | MF 831 | | Z5 | 8 | 5,5 | 3 | 43 | 10 |
| A1236083705 | MF 837 | | Z5 | 6 | 6 | 3 | 43 | 10 |
| A1236083905 | MF 839 | | Z5 | 8 | 8 | 3 | 45 | 10 |
| A1237084005 | MF 840 | | Z5 | 1,6 | 2,8 | 3 | 40 | 10 |
| A1237084105 | MF 841 | | Z5 | 2,3 | 4 | 3 | 41 | 10 |
| A1237084205 | MF 842 | | Z5 | 3,2 | 5,6 | 3 | 43 | 10 |
| A1237084305 | MF 843 | | Z5 | 4 | 7 | 3 | 44 | 10 |
| A1237084405 | MF 844 | | Z5 | 5 | 8,7 | 3 | 46 | 10 |
| A1237084505 | MF 845 | | Z5 | 6 | 10,5 | 3 | 46 | 10 |
| A1237084705 | MF 847 | | Z5 | 8 | 14 | 3 | 46 | 10 |
| A1238084805 | MF 848 | | Z5 | 1,6 | 1,5 | 3 | 38 | 10 |
| A1238084905 | MF 849 | | Z5 | 2,3 | 2,1 | 3 | 39 | 10 |
| A1238085005 | MF 850 | | Z5 | 3,2 | 3 | 3 | 40 | 10 |
| A1238085105 | MF 851 | | Z5 | 4 | 3,8 | 3 | 41 | 10 |
| A1238085205 | MF 852 | | Z5 | 5 | 4,8 | 3 | 42 | 10 |
| A1238085305 | MF 853 | | Z5 | 6 | 5,6 | 3 | 43 | 10 |
| A1238085405 | MF 854 | | Z5 | 7 | 6,7 | 3 | 44 | 10 |
| A1238085505 | MF 855 | | Z5 | 8 | 7,7 | 3 | 45 | 10 |
| A1235080705 | MF 807 | | Z5 | 7 | 10 | 3 | 42 | 10 |
| A1235081305 | MF 813 | | Z5 | 7 | 10 | 3 | 42 | 10 |
| A1235081405 | MF 814 | | Z5 | 6 | 10 | 3 | 42 | 10 |
| A1235081505 | MF 815 | | Z5 | 7 | 12 | 3 | 44 | 10 |
| A1239086405 | MF 864 | | Z5 | 8 | 2 | 3 | 39 | 10 |
| A1239086505 | MF 865 | | Z5 | 10 | 2,5 | 3 | 40 | 10 |
| A1239086605 | MF 866 | | Z5 | 12 | 3 | 3 | 40 | 5 |
| A1239086705 | MF 867 | | Z5 | 14 | 3,5 | 3 | 41 | 5 |
| A1240086805 | MF 868 | | Z5 | 8 | 2 | 3 | 39 | 10 |
| A1240087005 | MF 870 | | Z5 | 12 | 2,6 | 3 | 40 | 5 |
| A1240087105 | MF 871 | | Z5 | 14 | 3 | 3 | 40 | 5 |
| A1241087205 | MF 872 | | Z5 | 6 | 1 | 3 | 38 | 10 |
| A1241087305 | MF 873 | | Z5 | 8 | 1 | 3 | 38 | 10 |
| A1241087405 | MF 874 | | Z5 | 10 | 1 | 3 | 38 | 10 |

Recommended for: ● Steel

Z3 + Z5 HSS miniature burr

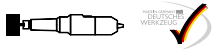


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■ shank diameter: 6 mm

| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|-------------|-------|-----|----------------------|----------------------|----------------------|----------------------|------------------|
| A12000304605 | MFA 0304.06 | | Z5 | 3 | 4,5 | 6 | 60 | 10 |
| A12000607605 | MFA 0607.06 | | Z5 | 6 | 7 | 6 | 60 | 10 |
| A12050303603 | MFD 0302.06 | | Z3 | 3 | 2 | 6 | 60 | 10 |
| A120503036030001 | MFD 0303.06 | | Z3 | 3,5 | 3 | 6 | 60 | 10 |
| A12040303605 | MFN 0303.06 | | Z5 | 3 | 3 | 6 | 60 | 10 |
| A12040606605 | MFN 0606.06 | | Z5 | 6 | 6 | 6 | 60 | 10 |

Recommended for: ☒ Steel

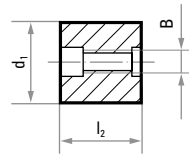


HSS burr with internal thread

MILLING

► Suitable mounting arbors for LUKAS burrs with internal thread can be found on **page 331**.

■ Burrs with the designation MFAS have an additional end cut.



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| Product number | Description | Shape | Cut | d ₁ mm | l ₂ mm | B Thread | Pack contains |
|--|--------------|-------|-----|----------------------|----------------------|-------------|------------------|
| A122030301002 | MFA 3030.10 | | Z2 | 30 | 30 | M10 | 2 |
| A122022150803 | MFA 2215.08 | | Z3 | 22 | 15 | M8 | 2 |
| A1220303010020001 | MFAS 3030.10 | | Z2 | 30 | 30 | M10 | 2 |
| A1220221508030001 | MFAS 2215.08 | | Z3 | 22 | 15 | M8 | 2 |
| A122525221001 | MFD 2522.10 | | Z1 | 25 | 21 | M10 | 2 |
| A122525221002 | MFD 2522.10 | | Z2 | 25 | 21 | M10 | 2 |
| A122520180803 | MFD 2018.08 | | Z3 | 20 | 18 | M8 | 2 |
| A122825351203 | MFE 2535.12 | | Z3 | 25 | 35 | M12 | 2 |
| A122635551201 | MFG 3555.12 | | Z1 | 35 | 55 | M12 | 2 |
| A122720551001 | MFH 2055.10 | | Z1 | 20 | 55/65 | M10 | 2 |
| A122720551002 | MFH 2055.10 | | Z2 | 20 | 55/65 | M10 | 2 |
| A122320551001 | MFL 2055.10 | | Z1 | 20 | 55 | M10 | 2 |
| Recommended for: ● Steel ● Aluminium ● Inox/Steel ● Plastic/Wood | | | | | | | |

HSS burr assortments



Set MF Z5 S3



Set MF Z3 S6



Set MF Z3/Z5 S6

- Always the right tool at hand. With our practical tool assortments, you can always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use at home, hobby workshop or in industrial settings

★★☆

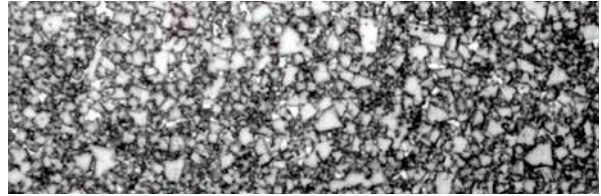
| Product number | Description | Cut | Shank Ø mm | Content 1 per pack | | | Pack contains |
|--------------------------------------|-----------------|-------|------------|---|--|--|---------------|
| A123900110 | Set MF Z5 S3 | Z5 | 3 | 10 parts: MF 807 MF 845 MF 864 MF 874 | MF 813 MF 850 MF 866 | MF 841 MF 853 MF 872 | 1 |
| A12390003 | Set MF Z3 S6 | Z3 | 6 | 10 parts: MFA 0616 MFD 0403 MFG 1230 MFM 0618 | MFA 1225 MFD 1210 MFH 1230 | MFC 1225 MFE 1220 MFK 0620 | 1 |
| A12390004 | Set MF Z3/Z5 S6 | 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 1225 MFD 1210 MFG 1220 MFL 1630 MFN 1213 | 1 |
| NEW A523900101 | Set MF Z3 S6 | Z3 | 6 | 10 parts: MFNS 1230 MFA 1013 MFH 1230 MFE 1625 | MFAS 1625 MFL 1020 MFL 1630 | MFD 1614 MFM 1020 MFG 1630 | 1 |
| Recommended for: ● Steel ● Aluminium | | | | | | | |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Engraving cutters made from solid carbide K10F

K10F SOLID CARBIDE

Fine-grain carbide is best suited for processing steel, grey cast iron, non-ferrous metals and plastics and offers excellent stability.



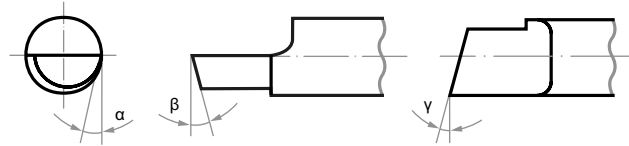
ENGRAVING CUTTER FROM LUKAS

LUKAS has the right engraving cutter for virtually every engraving task. Whether you're working with plastic, acrylic, stainless steels, non-ferrous metals or other materials, we can help you get the job done cleanly, quickly and professionally. We have a variety of engraving cutters in different shapes and hardnesses,

so that you always have the right tool for the job. All LUKAS engraving cutters are designed and produced to last, thus keeping your production costs down. We deliver our LUKAS engraving cutters as semi-finished products with a pre-ground profile (+ 0.1 mm) or finished and ground to your specifications.

CUSTOMISATIONS

We can customise the application parameters to the respective material to make sure you get perfect results. The values in the following tables are reference values.

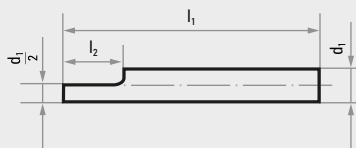


| Material to be machined | Recommended cutting and lead angles | | | Recommended cutting speeds in v_c m/min | Recommended feed rates f_z mm |
|--|-------------------------------------|---------|----------|---|---------------------------------|
| | α | β | γ | | |
| Cast material, cast steel | 25° | 15° | 5° | 60–100 | 0.04–0.10 |
| Steel up to 900 N/mm ² | 25° | 15° | 5° | 120–160 | 0.05–0.08 |
| Steel above 900 N/mm ² | 25° | 15° | 5° | 50–70 | 0.04–0.08 |
| Brass, aluminium | 30° | 15° | 5° | 200–400 | 0.08–0.15 |
| Plastic, reinforced and non-reinforced | 35° | 15° | 5° | 200–600 | 0.05–0.20 |

PERFECT ENGRAVINGS WITH LUKAS ENGRAVING CUTTERS

MADE TO LAST

Engraving cutters made from solid carbide



Note on the listed dimensions:

- as semi-finished cutting edge with 0.1 mm tolerance
- optional: precise halving with tolerance of +0.02 mm (10 % surcharge)
- optional: relief grinding (25 % surcharge)
- optional: finished cut on request

Applications for spiral-fluted engraving cutters (HGS):

- zero-burr engraving of non-ferrous metals and plastics



| Product number | Description | Shape | Profile | d ₁ mm | l ₁ mm | l ₂ mm | Pack contains |
|----------------|-------------|-------|---------|----------------------|----------------------|----------------------|------------------|
| A1300404012 | HGA 04.040 | | | 4 | 40 | 6 | 1 |
| A1300405012 | HGA 04.060 | | | 4 | 60 | 6 | 1 |
| A1300407012 | HGA 06.070 | | | 6 | 70 | 8 | 1 |
| A1300408112 | HGA 08.100 | | | 8 | 100 | 12 | 1 |
| A1300409112 | HGA 10.100 | | | 10 | 100 | 14 | 1 |
| A1300410112 | HGA 12.100 | | | 12 | 100 | 16 | 1 |
| A1300403042 | HGA 03.040 | | | 3 | 40 | 6 | 1 |
| A1300405042 | HGA 04.060 | | | 4 | 60 | 6 | 1 |
| A1300407042 | HGA 06.070 | | | 6 | 70 | 8 | 1 |
| A1300404062 | HGA 04.040 | | | 4 | 40 | 6 | 1 |
| A1300484071 | HGS 03.040 | | | 3 | 40 | 15 | 1 |
| A1300485071 | HGS 04.040 | | | 4 | 40 | 20 | 1 |
| A1300486071 | HGS 06.050 | | | 6 | 50 | 22 | 1 |

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



DRILLING

PRECISE DRILLING AND SECURE ANCHORING

THE HZB DRILLS HOLES ACCURATELY AND TO SIZE IN VERTICALLY-PERFORATED AND AIR BRICKS

HIGHLY VERSATILE

The HZB special drill is your first choice when you need to anchor structural elements into brickwork. This drill bit makes it easy to install doors, windows and other structural elements. The HZB also ensures scaffolding is safely anchored; the hole guarantees the strongest possible fixing, even in perforated brickwork. When attaching façade cladding, it becomes a problem-solver for walls that are porous or difficult to drill.

200%

GREATER HOLDING STRENGTH
USING THE CORRECT FASTENERS

20

TIMES LONGER TOOL LIFE



IDEAL FOR DIFFICULT BUILDING MATERIALS

Due to their insulating properties, vertically-perforated and air bricks are one of the most important building materials in structural engineering. The HZB makes drilling into this type of brick no longer problematic. In contrast to conventional drills, the HZB does not damage the bricks' inner bars, which often leads to substantially reduced anchoring strength. The HZB tool is also suitable for drilling into glazed tiles.

LONG-LIFE AND EASY TO USE

The LUKAS HZB special drill can be used on any standard drilling machine with an SDS-plus drill chuck. The drill is made of tungsten carbide, ensuring an exceptionally long tool life: you can count on using it up to 20 times longer than ordinary drills when drilling perforated bricks.



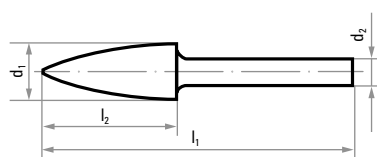
TIP:

When drilling without impact, the drill gently rotates into the porous material thanks to its special profile.



HZB special drill with SDS-plus shank

- does not damage the bricks' inner bars
- drills holes accurately and to size
- greater holding strength
- can be used on any drilling machine with an SDS-plus chuck



★★★

| Product number | Description | d ₁ mm | l ₂ mm | d ₂ mm | l ₁ mm | Pack contains |
|------------------|----------------|----------------------|----------------------|----------------------|----------------------|---------------|
| A100406131008SDS | HZB 0613.10 Z7 | 6 | 13 | 10 | 263 | 1 |
| A100408206083SDS | HZB 0820.06 Z7 | 8 | 20 | 6 | 185 | 1 |
| A100410208083SDS | HZB 1020.10 Z7 | 10 | 20 | 10 | 200 | 1 |
| A100414301208SDS | HZB 1430.12 Z7 | 14 | 30 | 12 | 250 | 1 |

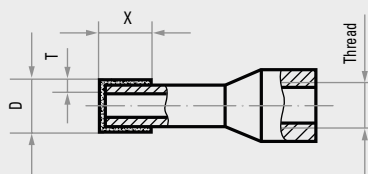
Recommended for: ● Stone/Construction material

DRILLING



Diamond dry drills

- for use on standard angle grinders
- drills holes in tiles without chipping
- suitable for all applications in construction and plumbing



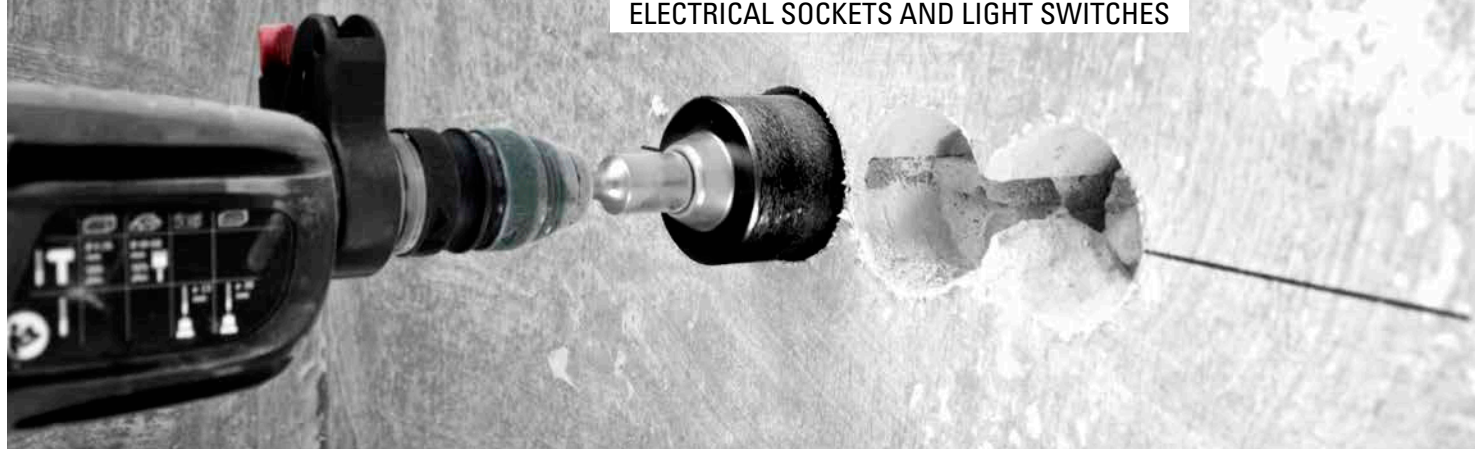
★★☆

| Product number | Description | Diameter D mm | Segment height X mm | Segment width T mm | Thread | n _{max} rpm | Pack contains |
|------------------|-------------|------------------|------------------------|-----------------------|--------|-------------------------|---------------|
| A345890066315013 | DTB 06 | 6 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890086315013 | DTB 08 | 8 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890106315013 | DTB 10 | 10 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890126315013 | DTB 12 | 12 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890206315013 | DTB 20 | 20 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890256315013 | DTB 25 | 25 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890326315013 | DTB 32 | 32 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890386315013 | DTB 38 | 38 | 9 | 3.0 | M14 | 13,300 | 1 |
| A345890586315013 | DTB 58 | 58 | 9 | 3.0 | M14 | 13,300 | 1 |

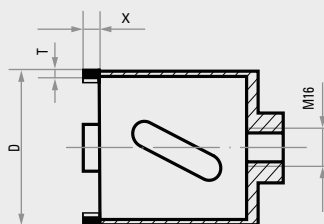
Recommended for: ● Stone/Construction material

LUKAS DIAMOND DRILL BIT FOR SOCKET OUTLETS

QUICK AND EASY INSTALLATION OF SOCKETS,
ELECTRICAL SOCKETS AND LIGHT SWITCHES



Diamond drill bit for socket outlets



- allows quick and easy relocation of sockets in electrical installations
- for use on standard drilling machines
- mounting in three-jaw chucks or SDS quick-clamping systems
- Due to diamond coating well-suited for construction materials such as brick and masonry, roof tiles, aerated concrete and pumice stone as well as sand-lime brick.

★★☆

| Product number | Description | Diameter D mm | Segment height X mm | Segment width T mm | Thread | n _{max} rpm | Pack contains |
|------------------|-------------|---------------|---------------------|--------------------|--------|----------------------|---------------|
| A346350687208043 | DSK 68 | 68 | 8 | 3.5 | M16 | 4,000 | 1 |
| A346350827208043 | DSK 82 | 82 | 8 | 3.5 | M16 | 4,000 | 1 |

Recommended for: ● Stone/Construction material

Accessory set for diamond drill bit for socket outlets



★★☆

| Product number | Description | Content | Pack contains |
|----------------|-------------------|--|---------------|
| A346390006 | DSK accessory set | Hex adapter, centre drill bit, drift key | 1 |
| A346390SDS | DSK accessory set | SDS adapter, centre drill bit, drift key | 1 |



- 3.1 Mounted points
- 3.2 Polishing tools
- 3.3 Precision tools – CBN and diamond

GRINDING AND POLISHING

(with bonded tools)

70 – 112
113 – 145
146 – 150

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Mounted points from LUKAS

EFFICIENT AND PROFESSIONAL GRINDING

LUKAS mounted points are premium grinding tools with a long tool life that deliver high removal performance. They are perfect for efficient and effective rough processing, fettling, preparing and reworking weld seams, and for deburring.

From cutting to fine machining, we offer a range of mounted points in various shapes, sizes and finishes so that you always have the right grinding tool for the job. LUKAS mounted points are designed for grinding all kinds of material (steel, cast steel, tool steel, cast iron, aluminium alloys, titanium and nickel alloys, plastic, glass, ceramic and many more).

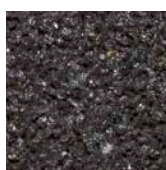
QUALITY

Grinding covers a broad spectrum of processes, from rough cutting to fine machining. This requires mounted points that deliver the right balance of machining performance and tool life, while achieving the desired surface quality. Manufacturing quality mounted points involves knowing the conditions in which the tools will be used, selecting the raw materials and understanding how to combine them in the right specification.

EKR

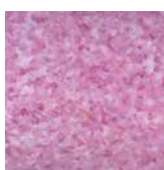
ABRASIVE

LUKAS offers you the abrasive you need for every application – tailored to your requirements and the materials you are working with. The following overview contains all raw materials for LUKAS mounted points. The abbreviations for the respective abrasives can be found in the quality designation of the LUKAS tools (see right).



NK
Regular
aluminium oxide

★★☆



EKR
Pink aluminium oxide

★★☆



EKW
White aluminium oxide

★★☆



EKD
Dark red
aluminium oxide

★★☆



EKbr
Pink aluminium oxide,
type brown

★★☆



MK
Mixture EKR/NK

★★☆



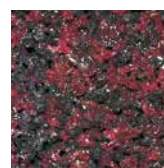
HK
Mixture EKW/NK

★★☆



HKD
Mixture EKW/EKD

★★☆



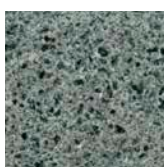
MKD
Mixture NK/EKD

★★☆



RKD
Mixture of dark red and
pink aluminium oxide

★★☆



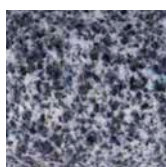
SIC-ALU
Green silicon carbide

★★★



SICdki
Dark silicon carbide

★★☆



NDW
Mixture of regular
aluminium oxide, dark
red aluminium oxide
and white monocrystal
aluminium oxide

★★★



CERAMIC
Ceramic grain
and monocrystal
aluminium oxide

★★★



HOK
Mixture of spherical al-
uminium oxide

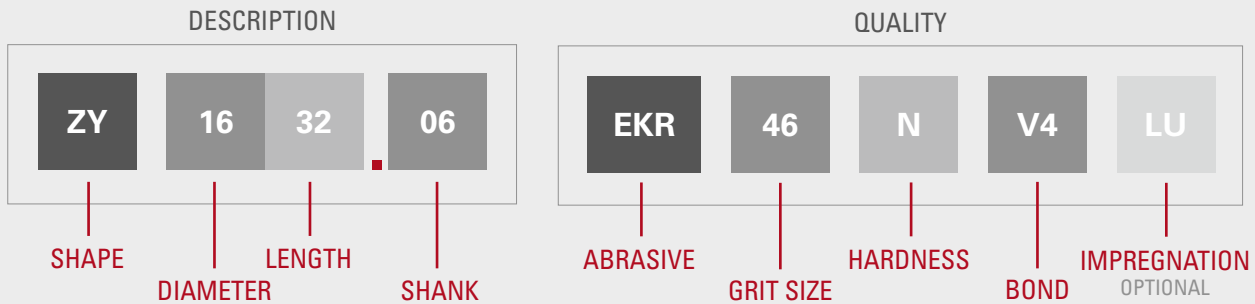
★★☆

DESIGNATION OF MOUNTED POINTS

All the important information in the product designation

LUKAS bonded grinding and polishing tools have all the important values and identifiers in the product designation, making it easy for you to find the right one for your requirements.

The overview below shows the individual elements and their content.



46

GRIT SIZES AS PER ISO 525

From coarse to very fine, the numerical grit size value is clearly displayed in the quality designation.

| coarse | medium | fine | very fine |
|--------|--------|------|-----------|
| 12 | 30 | 80 | 240 |
| 14 | 36 | 100 | 280 |
| 16 | 46 | 120 | 320 |
| 20 | 54 | 150 | 360 |
| 24 | 60 | 180 | 400 |
| – | – | 220 | 800 |
| – | – | – | 1,200 |
| – | – | – | 2,000 |

N

HARDNESS AS PER ISO 525

The hardness indicates the strength holding the abrasive grain bonded to the grinding wheel. It is determined using special measuring tools. Letters are used to indicate the hardness grade. The hardness increases with alphabetical order.

| extreme soft | very soft | soft | medium | hard | very hard | extreme hard |
|--------------|-----------|------|--------|------|-----------|--------------|
| A | E | H | L | P | T | X |
| B | F | I | M | Q | U | Y |
| C | G | Jot | N | R | V | Z |
| D | – | K | O | S | W | – |

V4

BOND

The bond holds the abrasive grain to the grinding wheel. The most important bond types as per ISO 525 are:

Vitrified bond:

- **V** = vitrified bond

The code following the bond identifier is a factory-internal designation.

Organic bond:

- **BA** = resin bond
- **R** = rubber bond or bond using other elastomers
- **RF** = rubber bond, reinforced

LU

IMPREGNATION (OPTIONAL)

Impregnation can improve the grinding properties of all vitrified bonds, especially for processing certain steels:

- **Lu** = with resin
- **W** = with wax

TECHNICAL INFORMATION

Qualities and areas of application


We have created a range of different shapes and dimensions in proven qualities from the full spectrum of possibilities described here. Quality recommendations apply for ideal operating conditions.



best suitable



suitable

| Page | | Reference/ Qualities | Cutting speed v_c m/s | Materials | | | | | | | | |
|---------|---|--|-------------------------------|----------------------|--------------------------------|----------------|---|---|---|---|---|--------------------------------|
| | | | | | | |  |  |  |  |  | |
| | | | | Steel/ cast steel | Alloyed/ tempered steels | Tool steels | Rust-, acid- and heat-resistant steel and cast steel | Cast iron | Aluminium, magnesium and copper alloys | Titanium and nickel alloys | Plastic/ wood/ rubber | Glass/ ceramic/ carbides |
| 86 – 89 |  | EKR Pink aluminium oxide | approx. 20–35 | | | | | | | | | |
| 90 |  | EKWbr White aluminium oxide type brown | approx. 25–40 | | | | | | | | | |
| 92/93 |  | RKD Dark red and pink aluminium oxide | approx. 30–50 | | | | | | | | | |
| 94 |  | NK-BA soft Regular aluminium oxide iron- and sulphur-free | approx. 40–50 | | | | | | | | | |
| 96/97 |  | NK-BA hard Regular aluminium oxide | approx. 40–50 | | | | | | | | | |
| 98 |  | HK White aluminium oxide and regular aluminium oxide | approx. 40–50 | | | | | | | | | |
| 99 |  | MK Pink aluminium oxide and regular aluminium oxide | approx. 30–50 | | | | | | | | | |
| 100 |  | SICdki Dark silicon carbide | approx. 40 – 50 | | | | | | | | | |
| 79 |  | NDW Dark red aluminium oxide, regular and monocrystal aluminium oxide | approx. 10–30 | | | | | | | | | |
| 77/78 |  | Ceramic Ceramic grain and monocrystal aluminium oxide | approx. 30–50 | | | | | | | | | |
| 81 |  | EKW White aluminium oxide | approx. 20–35 | | | | | | | | | |
| 80 |  | EKbr Pink aluminium oxide, type brown | approx. 40–50 | | | | | | | | | |
| 83 |  | SIC-ALU Green silicon carbide | approx. 25–40 | | | | | | | | | |
| 103 |  | HOK Spherical aluminium oxide | approx. 5–20 | | | | | | | | | |

TECHNICAL INFORMATION

Speeds for grinding tools



Calculate the ideal speed quickly and easily with the LUKAS speed calculator. To use it even more quickly, you can download the calculator as an Excel file.

GRINDING AND POLISHING
(with bonded tools)

| Recommended cutting speed v_c (m/s) | | | | | | | | | |
|---------------------------------------|-----|--------|--------|---------|---------|---------|---------|---------|---------|
| | | 5 | 10 | 20 | 30 | 40 | 50 | 63 | 80 |
| Tool diameter (mm) | 2 | 47,700 | 95,500 | 191,000 | 286,500 | 382,000 | 477,500 | 601,600 | 763,900 |
| | 3 | 31,800 | 63,700 | 127,300 | 191,000 | 254,600 | 318,300 | 601,600 | 509,300 |
| | 4 | 23,900 | 47,700 | 95,500 | 143,200 | 191,000 | 238,700 | 300,800 | 382,000 |
| | 5 | 19,100 | 38,200 | 76,400 | 114,600 | 152,800 | 191,000 | 240,600 | 305,600 |
| | 6 | 15,900 | 31,800 | 63,700 | 95,500 | 127,300 | 159,200 | 200,500 | 254,600 |
| | 8 | 11,900 | 23,900 | 47,700 | 71,600 | 95,500 | 119,400 | 150,400 | 191,000 |
| | 10 | 9,500 | 19,100 | 38,200 | 57,300 | 76,400 | 95,500 | 120,300 | 152,800 |
| | 13 | 7,300 | 14,700 | 29,400 | 44,100 | 58,800 | 73,500 | 92,600 | 117,500 |
| | 20 | 4,800 | 9,500 | 19,100 | 28,600 | 38,200 | 47,700 | 60,200 | 76,400 |
| | 25 | 3,800 | 7,600 | 15,300 | 22,900 | 30,600 | 38,200 | 48,100 | 61,100 |
| | 32 | 3,000 | 6,000 | 11,900 | 17,900 | 23,900 | 29,800 | 37,600 | 47,700 |
| | 40 | 2,400 | 4,800 | 9,500 | 14,300 | 19,100 | 23,900 | 30,100 | 38,200 |
| | 50 | 1,900 | 3,800 | 7,600 | 11,500 | 15,300 | 19,100 | 24,100 | 30,600 |
| | 60 | 1,600 | 3,200 | 6,400 | 9,500 | 12,700 | 15,900 | 20,100 | 25,500 |
| | 80 | 1,200 | 2,400 | 4,800 | 7,200 | 9,500 | 11,900 | 15,000 | 19,100 |
| | 100 | 1,000 | 1,900 | 3,800 | 5,700 | 7,600 | 9,500 | 12,000 | 15,300 |
| Speed (rpm) | | | | | | | | | |



GO TO THE
SPEED
CALCULATOR

SAFETY ADVICE

Safe grinding

PERIPHERAL SPEEDS

Our mounted points are manufactured to state-of-the-art standards, and carefully checked and tested. Their safety corresponds to EN 12413.

We produce mounted points with vitrified and resin bonds for an increased maximum peripheral speed of 50 m/s.

The maximum peripheral speed is limited by the following criteria:

1. Mass (weight) of the mounted point
2. Shape of the mounted point
3. Shank diameter
4. Shank overhang
5. Shank material
6. The concentricity of the mounted point



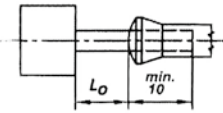

SAFETY

Safety is an essential mark of quality for any grinding tool. When using and storing mounted points, always observe the safety and accident prevention regulations, along with the FEPA safety recommendations.

Our products are delivered with a safety ticket, as shown below, which indicates the maximum permitted speed for a certain overhang length (open shank length).

We do not use raw materials in our grinding wheels that are hazardous to health.

MULTILINGUAL
PRODUCT DESIGNATIONPRODUCT NUMBER AND
PRODUCT SPECIFICATIONTECHNICAL
INFORMATION

| Schleifkörper keramisch Brousicí tělíska keramická Mounted points - vitrified Muelas cerámicas Meules vitrifiées Sciernice spojone ceramiczne | |  ★★★☆☆ | | | | | | | | | |
|--|---------------------|--|---|--------|----|--------|----|--------|---|--|---|
| A200002032602 ZY 2032.06 EKR 36 N V4 | | Menge / VPE 20 |  EN 12413 | | | | | | | | |
| <table border="1"> <thead> <tr> <th>L_o(mm)</th> <th>max. rpm</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>40.600</td> </tr> <tr> <td>15</td> <td>34.500</td> </tr> <tr> <td>20</td> <td>29.700</td> </tr> </tbody> </table> | L _o (mm) | max. rpm | 10 | 40.600 | 15 | 34.500 | 20 | 29.700 |  | | FA1488310  4 027497 013296 |
| L _o (mm) | max. rpm | | | | | | | | | | |
| 10 | 40.600 | | | | | | | | | | |
| 15 | 34.500 | | | | | | | | | | |
| 20 | 29.700 | | | | | | | | | | |
| LUKAS-ERZETT GmbH & Co. KG Gebrüder-Lukas-Straße 1 – 51766 Engelskirchen Made in Germany | | | | | | | | | | | |

PRODUCT LINE

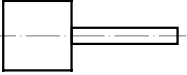
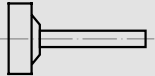
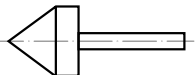
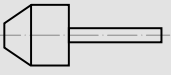
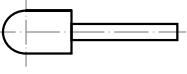
SAFETY STANDARD

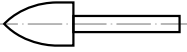
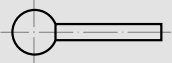
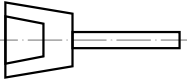
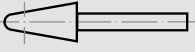
SERIAL NUMBER

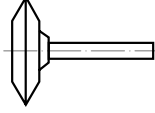
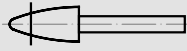
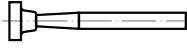

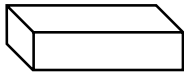
EAN CODE

SHAPE

Summary of available shapes

| Shape | |
|---|---|
|  | ZY Cylindrical, type 1 |
|  | ZY2 Cylindrical, type 1 |
|  | WKS Cylindrical pointed nose |
|  | WK Cylindrical |
|  | WR Cylindrical round nose |

| Shape | |
|--|------------------------------------|
|  | SP Arch pointed nose |
|  | KU Spherical |
|  | TO Cup |
|  | KE Conical round nose |

| Shape | |
|---|--|
|  | American shape A |
|  | American shape B |
|  | Miniature mounted points |
|  | SE Taper-sided grinding wheel |
|  | RU Sharpening stones |



QUALITIES AND PROPERTIES

Mounted points for machining tool steels



★★★

CERAMIC

Mixture of ceramic grain and monocrystal aluminium oxide



★★★

NDW

Mixture of regular aluminium oxide, dark red aluminium oxide and white monocrystal aluminium oxide



★★☆

EKbr

Pink aluminium oxide, type brown



★★☆

EKW

White aluminium oxide

MATERIAL PROPERTIES

In the mould and die industry it is all about precision. Tool steels are produced to be hard and strong enough for their purpose. As a result, special grinding tools are required to process workpieces to the limits of their tolerances.

INDUSTRIES

- Tool construction
- Pattern construction
- Mould-making
- Aerospace engineering

PROCESSING EXAMPLES

- Re-grinding transitions
- Groove grinding
- Fine deburring
- Fine grinding
- Lap grinding
- Coordinate grinding
- Ball bearing grinding
- Turbine blades

LUKAS GRINDING TOOLS

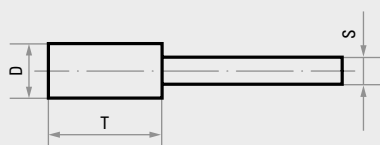
LUKAS mounted points for mould and die industry are extremely dimensionally stable and can cut even the hardest materials. Ceramic grain is extremely friable due to its microcrystal structure, making it self-sharpening. Materials that are difficult to cut (e.g. nickel-based alloys) can therefore be machined without any problems. Moreover, the use of special grain qualities ensures a long tool life. Our comprehensive product range lets you reach and process even the most inaccessible areas.

MAXIMUM SHARPNESS AND HARDNESS

MOUNTED POINTS WITH CERAMIC SELF-SHARPENING EFFECT



Ceramic mounted point

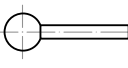
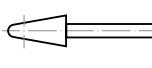
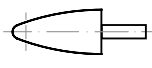





- maximum sharpness and hardness with ceramic self-sharpening effect
- impressive tool life
- high and fast removal rate, especially on hardened surfaces, scale, hard coatings and reinforced weld seams

★★★

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|-------|------------------|------|------|--------|----------------|
| A200000205377 | ZY 0205.03 | | Ceramic 80 LV118 | 2 | 5 | 3 x 30 | 20 |
| A200000306377 | ZY 0306.03 | | Ceramic 80 LV118 | 3 | 6 | 3 x 30 | 20 |
| A200000408377 | ZY 0408.03 | | Ceramic 80 LV118 | 4 | 8 | 3 x 30 | 20 |
| A200000510377 | ZY 0510.03 | | Ceramic 80 LV118 | 5 | 10 | 3 x 30 | 20 |
| A200000613377 | ZY 0613.03 | | Ceramic 80 LV118 | 6 | 13 | 3 x 30 | 20 |
| A6000006133620003 | ZY 0613.03 | | SKW 80/30 NV113 | 6 | 13 | 3 x 50 | 100 NEW |
| A6000006133620004 | ZY 0613.03 | | SKW 120/30 NV113 | 6 | 13 | 3 x 50 | 100 NEW |
| A200001020677 | ZY 1020.06 | | Ceramic 80 LV118 | 10 | 20 | 6 x 40 | 20 |
| A200001325677 | ZY 1325.06 | | Ceramic 46 LV118 | 13 | 25 | 6 x 40 | 20 |
| A200001632677 | ZY 1632.06 | | Ceramic 46 LV118 | 16 | 32 | 6 x 40 | 20 |
| A200002032677 | ZY 2032.06 | | Ceramic 46 LV118 | 20 | 32 | 6 x 40 | 20 |
| A201301303377 | ZY2 1303.03 | | Ceramic 80 LV118 | 13 | 3 | 3 x 30 | 20 |
| A200200306377 | SP 0306.03 | | Ceramic 80 LV118 | 3 | 6 | 3 x 30 | 20 |
| A200200510377 | SP 0510.03 | | Ceramic 80 LV118 | 5 | 10 | 3 x 30 | 20 |
| A200200816377 | SP 0816.03 | | Ceramic 80 LV118 | 8 | 16 | 3 x 30 | 20 |
| A200201320677 | SP 1320.06 | | Ceramic 80 LV118 | 13 | 20 | 6 x 40 | 20 |

Recommended for: Inox/Steel Steel Titanium

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|--|-------------|---|------------------|------|------|--------|---------------|
| A201100404377 | KU 0404.03 |  | Ceramic 80 LV118 | 4 | 4 | 3 x 30 | 20 |
| A201100606377 | KU 0606.03 | | Ceramic 80 LV118 | 6 | 6 | 3 x 30 | 20 |
| A201101010677 | KU 1010.06 | | Ceramic 46 LV118 | 10 | 10 | 6 x 40 | 20 |
| A201101313677 | KU 1313.06 | | Ceramic 46 LV118 | 13 | 13 | 6 x 40 | 20 |
| A201501632677 | KE 1632.06 |  | Ceramic 46 LV118 | 16 | 32 | 6 x 40 | 20 |
| NEW A60660102037701 | B52 1020.03 |  | CERAMIC 46 LV118 | 10 | 20 | 3 x 30 | 20 |
| Recommended for:  Inox/Steel  Steel  Titanium | | | | | | | |

THE CERAMIC ZY MOUNTED POINT OFFERS MAXIMUM HARDNESS AND SHARPNESS – SEE IT IN ACTION HERE!






Ceramic mounted point assortment



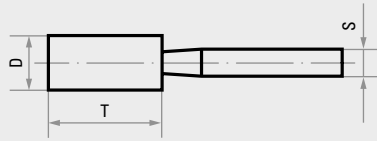
★★★

- maximum sharpness and hardness with ceramic self-sharpening effect
- 5 different shapes for fast tool changes, in specialist retail packaging
- impressive tool life
- high and fast removal rate, especially on hardened surfaces, scale, hard coatings and reinforced weld seams

| Product number | Description | Shank diameter mm | Quality | Content | Pack contains |
|--|--------------------|-------------------|---------|---|---------------|
| A20480005677F1 | Assortment Ceramic | 6 | Ceramic | 5 parts: ZY 1020, ZY 1632, SP 1320, KU 1313, KE 1632 | 1 |
| Recommended for:  Inox/Steel  Steel  Titanium | | | | | |



- improved aluminium oxide mixture for hardened and unhardened tool steels
- high-quality combination of aluminium oxide types for efficiently grinding unhardened tool steels
- abrasive combination made from extremely tough and splittery grains for high removal and a good surface finish



NDW mounted point



★★★

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|-------|-----------------|------|------|--------|----------------|
| A200000306353 | ZY 0306.03 | | NDW 100 QU V115 | 3 | 6 | 3 x 50 | 20 |
| A2000003063530001 | ZY 0306.03 | | NDW 100 QU V115 | 3 | 6 | 3 x 30 | 20 |
| A600000310353 | ZY 0310.03 | | NDW 100 QU V115 | 3 | 10 | 3 x 40 | 100 NEW |
| A200000408353 | ZY 0408.03 | | NDW 100 QU V115 | 4 | 8 | 3 x 50 | 20 |
| A2000004083530001 | ZY 0408.03 | | NDW 100 QU V115 | 4 | 8 | 3 x 30 | 20 |
| A200000610353 | ZY 0610.03 | | NDW 100 QU V115 | 6 | 10 | 3 x 50 | 20 |
| A2000006103530001 | ZY 0610.03 | | NDW 100 QU V115 | 6 | 10 | 3 x 30 | 20 |
| A200000810353 | ZY 0810.03 | | NDW 100 QU V115 | 8 | 10 | 3 x 50 | 20 |
| A2000008103530001 | ZY 0810.03 | | NDW 100 QU V115 | 8 | 10 | 3 x 30 | 20 |
| A200001013353 | ZY 1013.03 | | NDW 100 QU V115 | 10 | 13 | 3 x 50 | 20 |
| A2000010133530001 | ZY 1013.03 | | NDW 100 QU V115 | 10 | 13 | 3 x 30 | 20 |
| A200200510353 | SP 0510.03 | | NDW 100 QU V115 | 5 | 10 | 3 x 50 | 20 |
| A2002005103530001 | SP 0510.03 | | NDW 100 QU V115 | 5 | 10 | 3 x 30 | 20 |
| A200200810353 | SP 0810.03 | | NDW 100 QU V115 | 8 | 10 | 3 x 50 | 20 |
| A2002008103530001 | SP 0810.03 | | NDW 100 QU V115 | 8 | 10 | 3 x 30 | 20 |
| A2014010133530001 | WR 1013.03 | | NDW 100 QU V115 | 10 | 13 | 3 x 30 | 20 |
| A201401013353 | WR 1013.03 | | NDW 100 QU V115 | 10 | 13 | 3 x 50 | 20 |
| A2011004043530001 | KU 0404.03 | | NDW 100 QU V115 | 4 | 4 | 3 x 30 | 20 |
| A201100404353 | KU 0404.03 | | NDW 100 QU V115 | 4 | 4 | 3 x 50 | 20 |
| A201100606353 | KU 0606.03 | | NDW 100 QU V115 | 6 | 6 | 3 x 50 | 20 |
| A2011008083530001 | KU 0808.03 | | NDW 100 QU V115 | 8 | 8 | 3 x 30 | 20 |
| A201100808353 | KU 0808.03 | | NDW 100 QU V115 | 8 | 8 | 3 x 50 | 20 |

Recommended for: ● Steel

GRINDING AND POLISHING
(with bonded tools)



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

- improved aluminium oxide mixture for hardened and unhardened tool steels
- high-quality combination of aluminium oxide types for efficiently grinding unhardened tool steels

NDW mounted point assortment



★★★

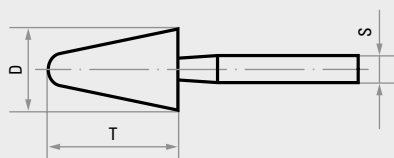
| Product number | Description | Quality | Shank diameter mm | Content 1 per pack | Pack contains |
|----------------|---------------|---------|-------------------|---|---------------|
| A201000000353 | Assortment 10 | NDW | 3 x 30 | 10 parts: ZY 0408 ZY 1013 KU 0404 WR 1013 ZY 0610 SP 0510 KU 0606 ZY 0810 SP 0810 KU 0808 | 1 |

Recommended for: ● Steel

THE TOOL FOR DROP FORGING

THE LUKAS EKRBR

EKRbr mounted point



★★☆

| Product number | Description | Quality | D mm | T mm | S mm | Pack contains |
|----------------|-------------|------------------|---------|---------|---------|------------------|
| A201601025606 | KE 1025.06 | EKRbr 46/60 P V7 | 10 | 25 | 6 x 40 | 20 |
| A201601645606 | KE 1645.06 | EKRbr 46/60 P V7 | 16 | 45 | 6 x 40 | 20 |

Recommended for: ● Steel

EKbr mounted point assortment



★★☆

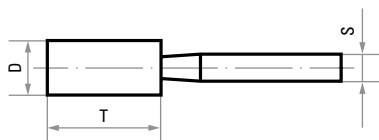
- Always the right tool at hand. The practical assortment of LUKAS tools means you always have exactly what you need.
- perfectly suited for testing different tools
- just as suitable for use in the industry, on site or in the hobby workshop

| Product number | Description | Quality | Shank diameter mm | Content 1 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 |

Recommended for: ● Steel



EKW mounted point



★★☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains | |
|-------------------|-------------------|-------|-------------------|---------|---------|--------------------|------------------|-----|
| A6000005153080002 | ZY 5,5 x 15.03x20 | | EKW 60/80 O V31 | 5.5 | 15 | 6 x 40 | 100 | NEW |
| A200000610608 | ZY 0610.06 | | EKW 80 L V1 | 6 | 10 | 3 x 30 | 20 | |
| A6000006133080018 | ZY 0613.03 | | EKW 100 M V13 | 6 | 13 | 3 x 60 | 50 | NEW |
| A6000006133080016 | ZY 0613.03 | | EKW 100 M V13 | 6 | 13 | 6 x 40 | 50 | NEW |
| A200000810608 | ZY 0810.06 | | EKW 80 L V1 | 8 | 10 | 3 x 25 | 20 | |
| A6000008203080006 | ZY 0820.03 | | EKW 80 M V1 | 8 | 20 | 6 x 40 | 100 | NEW |
| A200001010608 | ZY 1010.06 | | EKW 60 L V1 | 10 | 10 | 6 x 40 | 20 | |
| A6000010326080020 | ZY 1032.06 | | EKW 60 N/O V4 | 10 | 32 | 6 x 100 | 100 | NEW |
| A600001225608 | ZY 1225.06 | | EKW 36 P V19 | 12 | 25 | 6 x 200 | 50 | NEW |
| A6000012256080002 | ZY 1225.06 | | EKW 36 P V19 | 12 | 25 | 6 x 40 | 100 | NEW |
| A6000016406080004 | ZY 1640.06 | | EKW 60 N/O V4 | 16 | 40 | 6 x 40 | 50 | NEW |
| A200002020608 | ZY 2020.06 | | EKW 60 L V1 | 20 | 20 | 8 x 40 | 20 | |
| A600002040808 | ZY 2040.08 | | EKW 30 N V13 | 20 | 40 | 3 x 40 | 50 | NEW |
| A601501745608 | KE 17/9 x 45.06 | | EKW 46 P V13 | 17 | 45 | 6 x 40 | 50 | NEW |
| A601502050608 | KE 20/10 x 50.06 | | EKW 30 P V13 | 20 | 50 | 6 x 40 | 50 | NEW |
| A601502545608 | KE 2545.06 | | EKW 60 N V13 | 25 | 45 | 6 x 40 | 50 | NEW |
| A6002008163080003 | SP 0816.03 | | EKW 60 N V4 | 8 | 16 | 3 x 30 | 100 | NEW |
| A601406565008 | WRG 6565.M12 | | EKW 20 I / JOT V1 | 65 | 65 | GEW.B. M12 x 25 | 30 | NEW |

Recommended for: ● Steel ● Titanium

GRINDING AND POLISHING
(with bonded tools)



QUALITIES AND PROPERTIES

Mounted points for machining non-ferrous metals



SIC-ALU

Green silicon carbide

★★★

MATERIAL PROPERTIES

Aluminium and its respective alloys have many varied and positive characteristics, making it the second most widely used metal after steel.

Aluminium has only 1/3 the density of steel. The purer the metal, the weaker it becomes, but this allows for better shape forming. Using unsuitable mounted points, however, can lead to smearing and clogging.

INDUSTRIES

- Transportation (railways, ships, automotive, aerospace)
- Metal construction (bridges, cranes, silos)
- Apparatus engineering
- Aluminium die-cast
- Chemical industry (vessels, pumps, pipes)
- Engines, transmission parts
- and many more

PROCESSING EXAMPLES

- Deburring
- Fettling
- Finishing
- Surface finishing

LUKAS GRINDING TOOLS

Our SIC-ALU mounted points were developed specifically for this application. A special structure ensures maximum tool life whilst preventing material from clogging the pores. The self-sharpening effect is aided by the use of a special impregnation.

THE SPECIALIST FOR ALUMINIUM

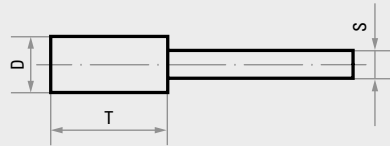
PROCESS EVEN THE SOFTEST MATERIALS WITHOUT SMEARING OR CLOGGING



See it in action



SIC-ALU mounted point



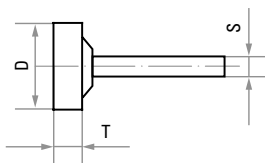
■ special quality for grinding aluminium

★★★

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|----------------|-------------|-------|------------------|------|------|--------|---------------|
| A200000408318A | ZY 0408.03 | | SIC-ALU 80 V27 W | 4 | 8 | 3 x 30 | 20 |
| A200000510318A | ZY 0510.03 | | SIC-ALU 80 V27 W | 5 | 10 | 3 x 30 | 20 |
| A200000610318A | ZY 0610.03 | | SIC-ALU 80 V27 W | 6 | 10 | 3 x 30 | 20 |
| A200000810318A | ZY 0810.03 | | SIC-ALU 80 V27 W | 8 | 10 | 3 x 30 | 20 |
| A200001010318A | ZY 1010.03 | | SIC-ALU 80 V27 W | 10 | 10 | 3 x 30 | 20 |
| A200001013618A | ZY 1013.06 | | SIC-ALU 80 V27 W | 10 | 13 | 6 x 40 | 20 |
| A200001020618A | ZY 1020.06 | | SIC-ALU 80 V27 W | 10 | 20 | 6 x 40 | 20 |
| A200001313618A | ZY 1313.06 | | SIC-ALU 80 V27 W | 13 | 13 | 6 x 40 | 20 |
| A200001332618A | ZY 1332.06 | | SIC-ALU 80 V27 W | 13 | 32 | 6 x 40 | 20 |
| A200001616618A | ZY 1616.06 | | SIC-ALU 80 V27 W | 16 | 16 | 6 x 40 | 20 |
| A200001632618A | ZY 1632.06 | | SIC-ALU 80 V27 W | 16 | 32 | 6 x 40 | 20 |
| A200002020618A | ZY 2020.06 | | SIC-ALU 80 V27 W | 20 | 20 | 6 x 40 | 20 |
| A200002025618A | ZY 2025.06 | | SIC-ALU 80 V27 W | 20 | 25 | 6 x 40 | 20 |
| A200002040618A | ZY 2040.06 | | SIC-ALU 80 V27 W | 20 | 40 | 6 x 40 | 20 |
| A200003232618A | ZY 3232.06 | | SIC-ALU 80 V27 W | 32 | 32 | 6 x 40 | 20 |
| A200004020618A | ZY 4020.06 | | SIC-ALU 80 V27 W | 40 | 20 | 6 x 40 | 20 |
| A201501632618A | KE 1632.06 | | SIC-ALU 80 V27 W | 16 | 32 | 6 x 40 | 20 |
| A201502040618A | KE 2040.06 | | SIC-ALU 80 V27 W | 20 | 40 | 6 x 40 | 20 |

Recommended for: ● Aluminium

NEW SICGR mounted point

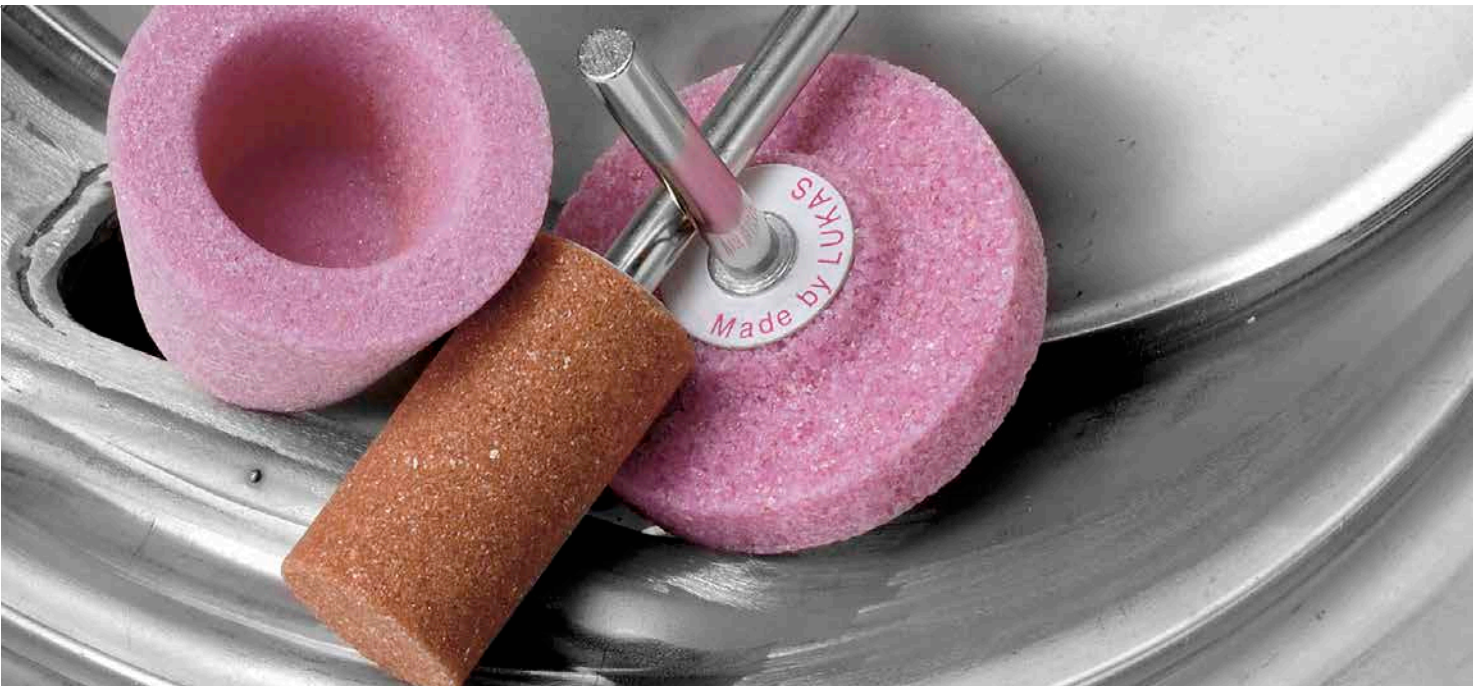


★★☆

- perfect for hard and tough materials
- especially sharp silicon carbide grain

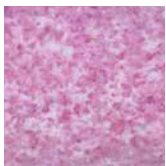
| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|-------|-------------------|------|------|--------|---------------|
| A6000010206180021 | ZY 1020.06 | | SICGR 80 K V3 | 10 | 20 | 6 x 40 | 50 |
| A6000010206180013 | ZY 1020.06 | | SICGR 80 K V3 | 10 | 20 | 6 x 60 | 100 |
| A6000013136180003 | ZY 1313.06 | | SICGR 80 K V3 | 13 | 13 | 6 x 40 | 100 |
| A6000030156180001 | ZY 3015.06 | | SICGR 30 M V3 | 30 | 15 | 6 x 40 | 50 |
| A6000040206180013 | ZY 4020.06 | | SICGR 80 K V3 | 40 | 20 | 6 x 40 | 25 |
| A6000040206180011 | ZY 4020.06 | | SICGR 80 K V3 | 40 | 20 | 6 x 30 | 25 |
| A60000502061801 | ZY 5020.06 | | SICGR 80 K V3 | 50 | 20 | 6 x 40 | 25 |
| A601301505618 | ZY2 1505.06 | | SICGR 180 A V3 | 15 | 5 | 6 x 40 | 100 |
| A601302006618 | ZY2 2006.06 | | SICGR 46 JOT V3 | 20 | 6 | 6 x 40 | 50 |
| A6013040106180008 | ZY2 4010.06 | | SICGR 46 E V3 | 40 | 10 | 6 x 40 | 25 |
| A601104040618 | KU 4040.06 | | SICGR 60 G (7) V3 | 40 | 40 | 6 x 40 | 25 |

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



QUALITIES AND PROPERTIES

Mounted points for machining steel and cast steel



★★☆

EKR

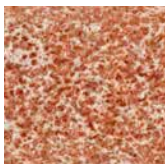
Pink aluminium oxide

MATERIAL PROPERTIES

The wide range of different steel types and workpieces made from them require mounted points with properties that cover this broad spectrum as much as possible.

PROCESSING EXAMPLES

- General rough grinding
- Fettling
- Rough grinding of weld seams
- Finish grinding of weld seams
- Deburring



★★☆

EKWbr

White aluminium oxide,
type brown

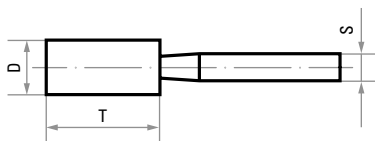
INDUSTRIES

- Mechanical engineering
- Automotive engineering
- Toolbuilding
- Vessel and equipment manufacturing
- Shipyards
- and many more

LUKAS GRINDING TOOLS

The wide selection of LUKAS grinding tools includes countless shapes, sizes and qualities. You will find the correct tool from our standard range to solve most grinding problems, irrespective of the material, type of power tool or any other influencing factors. These mounted points are designed for high stock removal and long tool life.

EKR mounted point



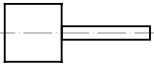
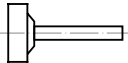
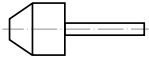
- perfect results on structural steel and for rough grinding with aluminium oxide
- extremely hard and sharp for a long tool life
- also cuts harder materials efficiently

★★☆

GRINDING AND POLISHING
(with bonded tools)

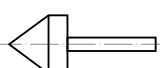
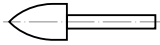
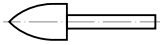
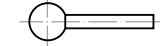
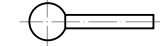
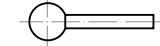


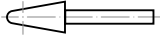
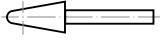
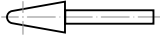
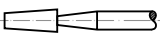
| | Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-----|-------------------|-------------|-------|------------------|---------|---------|---------|------------------|
| | A200000104302 | ZY 0104.03 | | EKR 150 NV4 | 1.5 | 4 | 3 x 30 | 20 |
| | A200000205302 | ZY 0205.03 | | EKR 120 NV4 | 2 | 5 | 3 x 30 | 20 |
| NEW | A6000002053020004 | ZY 0205.03 | | EKR 120 S V4 | 2 | 5 | 3 x 35 | 100 |
| | A2000002053020001 | ZY 0305.03 | | EKR 120 NV4 | 2.5 | 5 | 3 x 30 | 20 |
| | A200000306302 | ZY 0306.03 | | EKR 100 NV4 | 3 | 6 | 3 x 30 | 20 |
| | A2000003063020001 | ZY 0306.03 | | EKR 120 QU V4 | 3 | 6 | 3 x 30 | 20 |
| | A200000306602 | ZY 0306.06 | | EKR 100 NV4 | 3 | 6 | 6 x 40 | 20 |
| | A200000408302 | ZY 0408.03 | | EKR 80 NV4 | 4 | 8 | 3 x 30 | 20 |
| | A2000004083020001 | ZY 0408.03 | | EKR 100 QU V4 | 4 | 8 | 3 x 30 | 20 |
| NEW | A6000004083020015 | ZY 0408.03 | | EKR 100 P V4 | 4 | 8 | 3 x 40 | 50 |
| NEW | A6000004083020030 | ZY 0408.03 | | EKR 100 P V4 | 4 | 8 | 3 x 60 | 50 |
| | A200000408602 | ZY 0408.06 | | EKR 80 NV4 | 4 | 8 | 6 x 40 | 20 |
| NEW | A6000004103020015 | ZY 0410.03 | | EKR 100 NV4 | 4 | 10 | 3 x 70 | 100 |
| NEW | A600000410302 | ZY 0410.03 | | EKR 80 NV4 | 4 | 10 | 3 x 70 | 100 |
| NEW | A6000004123020002 | ZY 0412.03 | | EKR 120 O V4 | 4 | 12 | 3 x 30 | 100 |
| | A200000510302 | ZY 0510.03 | | EKR 80 NV4 | 5 | 10 | 3 x 30 | 20 |
| | A2000005103020001 | ZY 0510.03 | | EKR 80/100 QU V4 | 5 | 10 | 3 x 30 | 20 |
| NEW | A6000005103020012 | ZY 0510.03 | | EKR 80 NV4 | 5 | 10 | 3 x 60 | 100 |
| | A200000510602 | ZY 0510.06 | | EKR 80 NV4 | 5 | 10 | 6 x 40 | 20 |
| NEW | A6000005133020002 | ZY 0513.03 | | EKR 80 N (6) V4 | 5 | 13 | 3 x 50 | 100 |
| | A200000610302 | ZY 0610.03 | | EKR 60 NV4 | 6 | 10 | 3 x 30 | 20 |
| | A200000610602 | ZY 0610.06 | | EKR 60 NV4 | 6 | 10 | 6 x 40 | 20 |
| | A200000810302 | ZY 0810.03 | | EKR 60 NV4 | 8 | 10 | 3 x 30 | 20 |
| | A2000008103020001 | ZY 0810.03 | | EKR 60/80 QU V4 | 8 | 10 | 3 x 30 | 20 |
| | A200000810602 | ZY 0810.06 | | EKR 60 NV4 | 8 | 10 | 6 x 40 | 20 |
| NEW | A6000008133020002 | ZY 0813.03 | | EKR 60/80 QU V4 | 8 | 13 | 3 x 30 | 100 |
| | A200000816302 | ZY 0816.03 | | EKR 60 NV4 | 8 | 16 | 3 x 30 | 20 |
| NEW | A6000008163020010 | ZY 0816.03 | | EKR 60 NV4 | 8 | 16 | 3 x 30 | 50 |
| | A200000816602 | ZY 0816.06 | | EKR 60 NV4 | 8 | 16 | 6 x 40 | 20 |
| | A200000820602 | ZY 0820.06 | | EKR 60 NV4 | 8 | 20 | 6 x 40 | 20 |
| NEW | A6000008206020014 | ZY 0820.06 | | EKR 60 NV4 | 8 | 20 | 6 x 100 | 50 |
| | A200001010302 | ZY 1010.03 | | EKR 60 NV4 | 10 | 10 | 3 x 30 | 20 |
| | A200001010602 | ZY 1010.06 | | EKR 60 NV4 | 10 | 10 | 6 x 40 | 20 |
| | A200001013302 | ZY 1013.03 | | EKR 60 NV4 | 10 | 13 | 3 x 30 | 20 |
| | A200001013602 | ZY 1013.06 | | EKR 60 NV4 | 10 | 13 | 6 x 40 | 20 |
| | A200001020602 | ZY 1020.06 | | EKR 60 NV4 | 10 | 20 | 6 x 40 | 20 |
| | A2000010206020001 | ZY 1020.06 | | EKR 46 QU V4 | 10 | 20 | 6 x 40 | 20 |
| NEW | A6000010256020028 | ZY 1025.06 | | EKR 46 NV4 | 10 | 25 | 6 x 80 | 50 |
| NEW | A6000010256020030 | ZY 1025.06 | | EKR 80 P V4 | 10 | 25 | 6 x 80 | 50 |

Recommended for: ● Steel

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|---------------------|---|---------------------|------|------|---------|----------------|
| A200001032602 | ZY 1032.06 |  | EKR 60 N V4 | 10 | 32 | 6 x 40 | 20 |
| A2000010326020001 | ZY 1032.06 | | EKR 46 QU V4 | 10 | 32 | 6 x 40 | 20 |
| A200001040602 | ZY 1040.06 | | EKR 60 N V4 | 10 | 40 | 6 x 40 | 20 |
| A6000010406020011 | ZY 1040.06 | | EKR 36/46 N V13 | 10 | 40 | 6 x 80 | 100 NEW |
| A200001313302 | ZY 1313.03 | | EKR 46 N V4 | 13 | 13 | 3 x 30 | 20 |
| A6000013133020022 | ZY 1313.03 | | EKR 80 N V4 | 13 | 13 | 3 x 40 | 100 NEW |
| A200001313602 | ZY 1313.06 | | EKR 46 N V4 | 13 | 13 | 6 x 40 | 20 |
| A200001320602 | ZY 1320.06 | | EKR 46 N V4 | 13 | 20 | 6 x 40 | 20 |
| A200001325602 | ZY 1325.06 | | EKR 46 N V4 | 13 | 25 | 6 x 40 | 20 |
| A200001332602 | ZY 1332.06 | | EKR 46 N V4 | 13 | 32 | 6 x 40 | 20 |
| A200001616602 | ZY 1616.06 | | EKR 46 N V4 | 16 | 16 | 6 x 40 | 20 |
| A200001620602 | ZY 1620.06 | | EKR 46 N V4 | 16 | 20 | 6 x 40 | 20 |
| A200001632602 | ZY 1632.06 | | EKR 46 N V4 | 16 | 32 | 6 x 40 | 20 |
| A6000016326020065 | ZY 1632.06 | | EKR 36 QU V4 | 16 | 32 | 6 x 40 | 50 NEW |
| A6000016326020002 | ZY 1632.06 | | EKR 30/36 QU(7) V21 | 16 | 32 | 6 x 60 | 100 NEW |
| A200001640602 | ZY 1640.06 | | EKR 46 N V4 | 16 | 40 | 6 x 40 | 20 |
| A6000016406020023 | ZY 1640.06 | | EKR 60 P V4 | 16 | 40 | 6 x 40 | 50 NEW |
| A200002020602 | ZY 2020.06 | | EKR 36 N V4 | 20 | 20 | 6 x 40 | 20 |
| A200002025602 | ZY 2025.06 | | EKR 36 N V4 | 20 | 25 | 6 x 40 | 20 |
| A200002032602 | ZY 2032.06 | | EKR 36 N V4 | 20 | 32 | 6 x 40 | 20 |
| A200002040602 | ZY 2040.06 | | EKR 36 N V4 | 20 | 40 | 6 x 40 | 20 |
| A6000020406020047 | ZY 2040.06 | | EKR 36 P V4 | 20 | 40 | 6 x 40 | 50 NEW |
| A200002520602 | ZY 2520.06 | | EKR 36 N V4 | 25 | 20 | 6 x 40 | 20 |
| A200002525602 | ZY 2525.06 | | EKR 36 N V4 | 25 | 25 | 6 x 40 | 20 |
| A200002532602 | ZY 2532.06 | | EKR 36 N V4 | 25 | 32 | 6 x 40 | 20 |
| A200003220602 | ZY 3220.06 | | EKR 30 N V4 | 32 | 20 | 6 x 40 | 20 |
| A200003232602 | ZY 3232.06 | | EKR 30 N V4 | 32 | 32 | 6 x 40 | 20 |
| A200003240602 | ZY 3240.06 | | EKR 30 N V4 | 32 | 40 | 6 x 40 | 20 |
| A200004020602 | ZY 4020.06 | | EKR 30 N V4 | 40 | 20 | 6 x 40 | 20 |
| A200004040602 | ZY 4040.06 | | EKR 30 N V4 | 40 | 40 | 6 x 40 | 20 |
| A600005016628 | ZY 5016.06 | | EKR 30 QU BA15 | 50 | 16 | 6 x 50 | 25 NEW |
| A200005020602 | ZY 5020.06 | | EKR 30 N V4 | 50 | 20 | 6 x 40 | 20 |
| A201301303302 | ZY2 1303.03 |  | EKR 80 N V4 | 13 | 3 | 3 x 30 | 20 |
| A201301303602 | ZY2 1303.06 | | EKR 80 N V4 | 13 | 3 | 6 x 40 | 20 |
| A201301604302 | ZY2 1604.03 | | EKR 60 N V4 | 16 | 4 | 3 x 30 | 20 |
| A201301604602 | ZY2 1604.06 | | EKR 60 N V4 | 16 | 4 | 6 x 40 | 20 |
| A201302006302 | ZY2 2006.03 | | EKR 60 N V4 | 20 | 6 | 3 x 30 | 20 |
| A201302006602 | ZY2 2006.06 | | EKR 60 N V4 | 20 | 6 | 6 x 40 | 20 |
| A6013020066020008 | ZY2 2006.06 | | EKR 60 N V4 | 20 | 6 | 6 x 80 | 50 NEW |
| A2013020066020001 | ZY2 2006.06 | | EKR 46 QU V4 | 20 | 6 | 6 x 40 | 20 |
| A201302506602 | ZY2 2506.06 | | EKR 60 N V4 | 25 | 6 | 6 x 40 | 20 |
| A201302510602 | ZY2 2510.06 | | EKR 36 N V4 | 25 | 10 | 6 x 40 | 20 |
| A201303208602 | ZY2 3208.06 | | EKR 46 N V4 | 32 | 8 | 6 x 40 | 20 |
| A201304010602 | ZY2 4010.06 | | EKR 30 N V4 | 40 | 10 | 6 x 40 | 20 |
| A6013040106020056 | ZY2 4010.06 | | EKR 30 N V4 | 40 | 10 | 6 x 100 | 25 NEW |
| A201305010602 | ZY2 5010.06 | | EKR 30 N V4 | 50 | 10 | 6 x 40 | 20 |
| A6001010256020005 | WK 10/3 x 25.06x100 |  | EKR 36 P V4 | 10 | 25 | 6 x 100 | 50 NEW |
| A6001020326020002 | WK 2032.06 | | EKR 36 N V4 | 20 | 32 | 6 x 40 | 50 NEW |
| A6010020406020006 | WK 2040.06x100 | | EKR 36 P V4 | 20 | 40 | 6 x 100 | 25 NEW |

Recommended for: ● Steel

GRINDING AND POLISHING
(with bonded tools)

| | Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|------------|-------------------|---------------------|---|------------------|------|------|--------|---------------|
| NEW | A6004004123020002 | WKS 0412.03 |  | EKR 80 O (8) V21 | 4 | 12 | 3 x 40 | 100 |
| NEW | A6004006153020004 | WKS 0615.03 | | EKR 80 O (8) V21 | 6 | 15 | 3 x 40 | 100 |
| NEW | A6004016176020002 | WKS 1618.06 | | EKR 60/80 P V4 | 16 | 17.5 | 6 x 25 | 50 |
| | A200402025602 | WKS 2025.06 | | EKR 60 N V4 | 20 | 25 | 6 x 40 | 20 |
| NEW | A200200306302 | SP 0306.03 |  | EKR 100 N V4 | 3 | 6 | 3 x 30 | 20 |
| | A200200510302 | SP 0510.03 | | EKR 80 N V4 | 5 | 10 | 3 x 30 | 20 |
| NEW | A6002005103020013 | SP 0510.03 | | EKR 100 N V4 | 5 | 10 | 3 x 30 | 100 |
| | A200200510602 | SP 0510.06 | | EKR 80 N V4 | 5 | 10 | 6 x 40 | 20 |
| | A200200816302 | SP 0816.03 |  | EKR 60 N V4 | 8 | 16 | 3 x 30 | 20 |
| | A200200816602 | SP 0816.06 | | EKR 60 N V4 | 8 | 16 | 6 x 40 | 20 |
| | A200201020602 | SP 1020.06 | | EKR 60 N V4 | 10 | 20 | 6 x 40 | 20 |
| | A200201320602 | SP 1320.06 | | EKR 46 N V4 | 13 | 20 | 6 x 40 | 20 |
| | A200202032602 | SP 2032.06 |  | EKR 36 N V4 | 20 | 32 | 6 x 40 | 20 |
| | A201100606302 | KU 0606.03 | | EKR 60 N V4 | 6 | 6 | 3 x 30 | 20 |
| | A2011006063020001 | KU 0606.03 | | EKR 80/100 QU V4 | 6 | 6 | 3 x 30 | 20 |
| | A201100606602 | KU 0606.06 | | EKR 60 N V4 | 6 | 6 | 6 x 40 | 20 |
| | A201100808302 | KU 0808.03 |  | EKR 60 N V4 | 8 | 8 | 3 x 30 | 20 |
| | A201100808602 | KU 0808.06 | | EKR 60 N V4 | 8 | 8 | 6 x 40 | 20 |
| | A201101010302 | KU 1010.03 | | EKR 60 N V4 | 10 | 10 | 3 x 30 | 20 |
| | A201101010602 | KU 1010.06 | | EKR 60 N V4 | 10 | 10 | 6 x 40 | 20 |
| | A201101313302 | KU 1313.03 |  | EKR 46 N V4 | 13 | 13 | 3 x 30 | 20 |
| | A201101313602 | KU 1313.06 | | EKR 46 N V4 | 13 | 13 | 6 x 40 | 20 |
| NEW | A6011013136020019 | KU 1313.06 | | EKR 46 N V4 | 13 | 13 | 6 x 80 | 50 |
| | A201101616602 | KU 1616.06 | | EKR 46 N V4 | 16 | 16 | 6 x 40 | 20 |
| | A201102020602 | KU 2020.06 |  | EKR 36 N V4 | 20 | 20 | 6 x 40 | 20 |
| | A2011020206020001 | KU 2020.06 | | EKR 60 P V21 | 20 | 20 | 6 x 40 | 20 |
| | A201102525602 | KU 2525.06 | | EKR 36 N V4 | 25 | 25 | 6 x 40 | 20 |
| | A201103232602 | KU 3232.06 | | EKR 30 N V4 | 32 | 32 | 6 x 40 | 20 |
| | A202002019602 | TO 2020.06 |  | EKR 60 N V4 | 20 | 20 | 6 x 40 | 20 |
| | A202002524602 | TO 2524.06 | | EKR 60 N V4 | 25 | 24 | 6 x 40 | 20 |
| | A202003229602 | TO 3229.06 | | EKR 60 N V4 | 32 | 29 | 6 x 40 | 20 |
| | A202004036602 | TO 4036.06 | | EKR 60 N V4 | 40 | 36 | 6 x 40 | 20 |
| NEW | A6015010256020008 | KE 1025.06 |  | EKR 60 N V4 | 10 | 25 | 6 x 40 | 20 |
| NEW | A6015010256020016 | KE 1025.06 | | EKR 80 P V4 | 10 | 25 | 6 x 80 | 50 |
| | A201501632602 | KE 1632.06 | | EKR 46 N V4 | 16 | 32 | 6 x 40 | 20 |
| NEW | A600601635602 | KE 1635.06 | | EKR 36 N V4 | 16 | 35 | 6 x 40 | 50 |
| | A201501640602 | KE 1640.06 |  | EKR 46 N V4 | 16 | 40 | 6 x 40 | 20 |
| NEW | A601501745602 | KE 17/9 x 45.06 | | EKR 36 N V4 | 17 | 45 | 6 x 40 | 50 |
| | A201502032602 | KE 2032.06 | | EKR 36 N V4 | 20 | 32 | 6 x 40 | 20 |
| NEW | A601502040602 | KE 2040.06 | | EKR 100 N V4 | 20 | 40 | 6 x 40 | 50 |
| | A201502040602 | KE 2040.06 |  | EKR 36 N V4 | 20 | 40 | 6 x 40 | 20 |
| | A201502570602 | KE 2570.06 | | EKR 36 N V4 | 25 | 70 | 6 x 40 | 20 |
| NEW | A60660030930201 | B-97 3,5/2,5 x10.03 |  | EKR 120 QU V4 | 3.5 | 9.5 | 3 x 30 | 100 |

Recommended for: ● Steel



EKR mounted point assortment



Assortment Steel



Assortment 14



Assortment 36



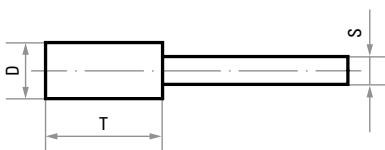
Assortment 45



| Product number | Description | Quality | Shank diameter mm | Content 1 per pack | Pack contains |
|----------------|------------------|---------|-------------------|---|---------------|
| A20480005602F1 | Assortment Steel | EKR | 6 | 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 |
| 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 |
| 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 |
| 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

EKWbr mounted point



- perfect results on steel and for rough grinding with aluminium oxide
- extremely hard and sharp for a long tool life
- also cuts harder materials efficiently

★★★

GRINDING AND POLISHING
(with bonded tools)

| | Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-----|-------------------|------------------|-------|----------------------|---------|---------|---------|------------------|
| | A200000205312 | ZY 0205.03 | | EKWbr 120 O/P V7 | 2 | 5 | 3 x 30 | 20 |
| | A200000306312 | ZY 0306.03 | | EKWbr 100 O/P V7 | 3 | 6 | 3 x 30 | 20 |
| | A200000408312 | ZY 0408.03 | | EKWbr 80 O/P V7 | 4 | 8 | 3 x 30 | 20 |
| | A200000510312 | ZY 0510.03 | | EKWbr 80 O/P V7 | 5 | 10 | 3 x 30 | 20 |
| | A200000610312 | ZY 0610.03 | | EKWbr 60 O/P V7 | 6 | 10 | 3 x 30 | 20 |
| NEW | A600000613612 | ZY 0613.06 | | EKWbr 60 O/P V7 | 6 | 13 | 6 x 40 | 100 |
| NEW | A600000615312 | ZY 0615.03 | | EKWbr 100/120 R/S V7 | 6 | 15 | 3 x 30 | 100 |
| | A200000810312 | ZY 0810.03 | | EKWbr 60 O/P V7 | 8 | 10 | 3 x 30 | 20 |
| | A200000816312 | ZY 0816.03 | | EKWbr 60 O/P V7 | 8 | 16 | 3 x 30 | 20 |
| NEW | A6000008166120005 | ZY 0816.06 | | EKWbr 60 O/P V7 | 8 | 16 | 6 x 40 | 50 |
| | A200001010312 | ZY 1010.03 | | EKWbr 60 O/P V7 | 10 | 10 | 3 x 30 | 20 |
| | A200001013312 | ZY 1013.03 | | EKWbr 60 O/P V7 | 10 | 13 | 3 x 30 | 20 |
| | A200001020612 | ZY 1020.06 | | EKWbr 60 O/P V7 | 10 | 20 | 6 x 40 | 20 |
| | A200001032612 | ZY 1032.06 | | EKWbr 60 O/P V7 | 10 | 32 | 6 x 40 | 20 |
| NEW | A6000012306120001 | ZY 1230.06 | | EKWbr 36 N V7 | 12 | 30 | 6 x 100 | 200 |
| | A200001313312 | ZY 1313.03 | | EKWbr 60 O/P V7 | 13 | 13 | 3 x 30 | 20 |
| | A200001320612 | ZY 1320.06 | | EKWbr 60 O/P V7 | 13 | 20 | 6 x 40 | 20 |
| | A200001632612 | ZY 1632.06 | | EKWbr 46 O/P V7 | 16 | 32 | 6 x 40 | 20 |
| | A200002040612 | ZY 2040.06 | | EKWbr 46 O/P V7 | 20 | 40 | 6 x 40 | 20 |
| | A201301604312 | ZY2 1604.03 | | EKWbr 60 O/P V7 | 16 | 4 | 3 x 30 | 20 |
| | A201302006312 | ZY2 2006.03 | | EKWbr 60 O/P V7 | 20 | 6 | 3 x 30 | 20 |
| | A201100606312 | KU 0606.03 | | EKWbr 60 O/P V7 | 6 | 6 | 3 x 30 | 20 |
| | A201100808312 | KU 0808.03 | | EKWbr 60 O/P V7 | 8 | 8 | 3 x 30 | 20 |
| | A201101010312 | KU 1010.03 | | EKWbr 60 O/P V7 | 10 | 10 | 3 x 30 | 20 |
| | A201102020612 | KU 2020.06 | | EKWbr 46 O/P V7 | 20 | 20 | 6 x 40 | 20 |
| NEW | A601502545612 | KE 25/16 x 45.06 | | EKWbr 46 O/P V7 | 25 | 45 | 6 x 40 | 50 |

Recommended for: ● Steel



QUALITIES AND PROPERTIES

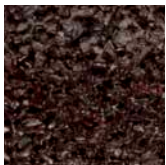
Mounted points for machining non-rusting steels



RKD

Mixture of dark red and pink aluminium oxide

★★☆



NK-BA SOFT

Regular aluminium oxide with resin bond, iron- and sulphur-free

★★☆



EKD

Dark red aluminium oxide

★★☆

MATERIAL PROPERTIES

Non-rusting steels are difficult to machine. They tend to smear due to the nickel content, while their poor heat conductivity often causes the material to overheat within the grinding contact zone.

INDUSTRIES

- Transportation
- Aerospace
- Mechanical engineering
- Tool- and mould-making
- Chemical and processing industries

PROCESSING EXAMPLES

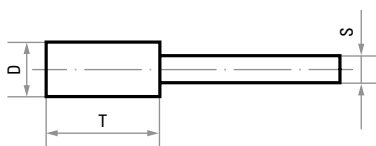
- Rough and finish grinding
- Deburring
- Fettling
- Finishing weld seams
- Surface finishing

LUKAS GRINDING TOOLS

LUKAS has developed particularly high-performance tools for non-rusting steels that deliver exceptional stock removal, even under adverse conditions.

These tools do not contain any iron, sulphur or halogens. This generally prevents chemical reactions (corrosion) of the workpiece material in the grinding contact zone.

RKD mounted point



- for non-rusting steels
- excellent removal rates, also under difficult conditions

★★☆

GRINDING AND POLISHING
(with bonded tools)

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|------------------------------|-------------|-------|------------------|---------|---------|---------|------------------|
| A200000104347 | ZY 0104.03 | | RKD 150 QU V21 | 1.5 | 4 | 3 x 30 | 20 |
| A200000205347 | ZY 0205.03 | | RKD 150 QU V21 | 2 | 5 | 3 x 30 | 20 |
| A200000306347 | ZY 0306.03 | | RKD 120 QU V21 | 3 | 6 | 3 x 30 | 20 |
| A200000306647 | ZY 0306.06 | | RKD 120 QU V21 | 3 | 6 | 6 x 40 | 20 |
| A200000408347 | ZY 0408.03 | | RKD 100 QU V21 | 4 | 8 | 3 x 30 | 20 |
| A200000510347 | ZY 0510.03 | | RKD 100 QU V21 | 5 | 10 | 3 x 30 | 20 |
| A200000510647 | ZY 0510.06 | | RKD 100 QU V21 | 5 | 10 | 6 x 40 | 20 |
| A200000610347 | ZY 0610.03 | | RKD 80 QU V21 | 6 | 10 | 3 x 30 | 20 |
| A200000610647 | ZY 0610.06 | | RKD 80 QU V21 | 6 | 10 | 6 x 40 | 20 |
| A200000810347 | ZY 0810.03 | | RKD 80 QU V21 | 8 | 10 | 3 x 30 | 20 |
| A200000816347 | ZY 0816.03 | | RKD 80 QU V21 | 8 | 16 | 3 x 30 | 20 |
| A200000816647 | ZY 0816.06 | | RKD 80 QU V21 | 8 | 16 | 6 x 40 | 20 |
| NEW A6000008166470003 | ZY 0816.06 | | RKD 80 QU V21 | 8 | 16 | 6 x 80 | 50 |
| A200001010347 | ZY 1010.03 | | RKD 80 P V21 | 10 | 10 | 3 x 30 | 20 |
| A200001313347 | ZY 1313.03 | | RKD 60 P (6) V21 | 13 | 13 | 3 x 30 | 20 |
| A200001313647 | ZY 1313.06 | | RKD 60 P (6) V21 | 13 | 13 | 6 x 40 | 20 |
| A200001325647 | ZY 1325.06 | | RKD 60 QU V21 | 13 | 25 | 6 x 40 | 20 |
| A200001616647 | ZY 1616.06 | | RKD 36 O (6) V21 | 16 | 16 | 6 x 40 | 20 |
| A200001632647 | ZY 1632.06 | | RKD 36 O (6) V21 | 16 | 32 | 6 x 40 | 20 |
| NEW A6000016326470010 | ZY 1632.06 | | RKD 36 N V13 | 16 | 32 | 6 x 100 | 100 |
| A200002020647 | ZY 2020.06 | | RKD 36 O (6) V21 | 20 | 20 | 6 x 40 | 20 |
| A200002032647 | ZY 2032.06 | | RKD 36 O (6) V21 | 20 | 32 | 6 x 40 | 20 |
| A200002040647 | ZY 2040.06 | | RKD 36 O (6) V21 | 20 | 40 | 6 x 40 | 20 |
| NEW A6000020408470003 | ZY 2040.08 | | RKD 36 O (6) V21 | 20 | 40 | 8 x 40 | 50 |
| A200002525647 | ZY 2525.06 | | RKD 30 O (6) V21 | 25 | 25 | 6 x 40 | 20 |
| A200002532647 | ZY 2532.06 | | RKD 30 O (6) V21 | 25 | 32 | 6 x 40 | 20 |
| A200003232647 | ZY 3232.06 | | RKD 30 O (6) V21 | 32 | 32 | 6 x 40 | 20 |
| NEW A600003232847 | ZY 3232.08 | | RKD 30 O (6) V21 | 32 | 32 | 8 x 40 | 25 |
| A200003240647 | ZY 3240.06 | | RKD 30 O (6) V21 | 32 | 40 | 6 x 40 | 20 |
| NEW A600003250847 | ZY 3250.08 | | RKD 30 O (6) V21 | 32 | 50 | 8 x 40 | 25 |
| A200004020647 | ZY 4020.06 | | RKD 24 O (6) V21 | 40 | 20 | 6 x 40 | 20 |
| A200004040647 | ZY 4040.06 | | RKD 24 O (6) V21 | 40 | 40 | 6 x 40 | 20 |
| A200004040847 | ZY 4040.08 | | RKD 24 O (6) V21 | 40 | 40 | 8 x 40 | 20 |
| A201301303347 | ZY2 1303.03 | | RKD 80 QU V21 | 13 | 3 | 3 x 30 | 20 |
| A201303208647 | ZY2 3208.06 | | RKD 36 O (6) V21 | 32 | 8 | 6 x 40 | 20 |
| A201304010647 | ZY2 4010.06 | | RKD 30 O (6) V21 | 40 | 10 | 6 x 40 | 20 |
| NEW A6013050100470002 | ZY2 5010.M4 | | RKD 24 N V10 | 50 | 10 | M4 x 10 | 200 |
| A200200306347 | SP 0306.03 | | RKD 120 QU V21 | 3 | 6 | 3 x 30 | 20 |
| A200200510347 | SP 0510.03 | | RKD 100 QU V21 | 5 | 10 | 3 x 30 | 20 |
| A200200816347 | SP 0816.03 | | RKD 80 QU V21 | 8 | 16 | 3 x 30 | 20 |

Recommended for: ● Inox/Steel ● Steel

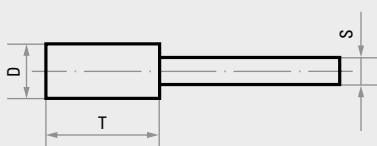
| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains | |
|-------------------|------------------|-------|------------------|------|------|---------|---------------|-----|
| A6011008086470002 | KU 0808.06 | | RKD 80 P V21 | 8 | 8 | 6 x 150 | 50 | NEW |
| A201101010347 | KU 1010.03 | | RKD 80 P V21 | 10 | 10 | 3 x 30 | 20 | |
| A6011010106470005 | KU 1010.06 | | RKD 80 P V21 | 10 | 10 | 6 x 150 | 100 | NEW |
| A201101616647 | KU 1616.06 | | RKD 60 P (6) V21 | 16 | 16 | 6 x 40 | 20 | |
| A6011016166470001 | KU 1616.06 | | RKD 60 P (6) V21 | 16 | 16 | 6 x 70 | 50 | NEW |
| A201102525647 | KU 2525.06 | | RKD 30 QU V21 | 25 | 25 | 6 x 40 | 20 | |
| A201501025647 | KE 1025.06 | | RKD 60 P (6) V21 | 10 | 25 | 6 x 40 | 20 | |
| A2015016456470002 | KE 1645.06 | | RKD 46 O V13 | 16 | 45 | 6 x 40 | 20 | |
| A6015016456470009 | KE 16/11 x 45.06 | | RKD 60 O V4 | 16 | 45 | 6 x 40 | 50 | NEW |
| A201502040647 | KE 2040.06 | | RKD 36 O (6) V21 | 20 | 40 | 6 x 40 | 20 | |
| A601502250647 | KE 2250.06 | | RKD 36 N V4 | 22 | 50 | 6 x 40 | 50 | NEW |
| A201503250647 | KE 3250.06 | | RKD 30 O (6) V21 | 32 | 50 | 6 x 40 | 20 | |
| A60060355084701 | KE 3550.08 | | RKD 24 P V21 | 35 | 50 | 8 x 40 | 25 | NEW |
| A6015032508470002 | KE 3250.08 | | RKD 30 O V21 | 32 | 50 | 8 x 40 | 100 | NEW |
| A601402030647 | WR 2030.06 | | RKD 36 O (6) V21 | 20 | 30 | 6 x 40 | 50 | NEW |

Recommended for: ● Inox/Steel ● Steel

GRINDING AND POLISHING
(with bonded tools)

EKD mounted point NEW

- for machining cast material and cast steel
- aggressive grinding behaviour right from the outset
- very long tool life
- reduces costs and working time
- no bad odours
- Tested quality: High degree of safety through regular testing.

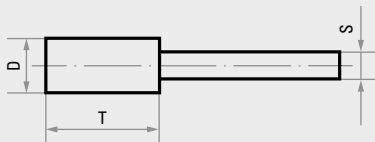


★★★☆☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|-------|------------------|------|------|--------|---------------|
| A6000016256300002 | ZY 1625.06 | | EKD 46 N V13 | 16 | 25 | 6 x 40 | 50 |
| A6000020408300001 | ZY 2040.08 | | EKD 36 N V13 | 20 | 40 | 8 x 50 | 100 |
| A60000272763001 | ZY 2727.06 | | EKD 80 K V1 | 27 | 27 | 6 x 80 | 100 |
| A60000272763002 | ZY 2727.06 | | EKD 80 K V13 | 27 | 27 | 6 x 80 | 100 |
| A601503240630 | KE 3240.06 | | EKD 46 N V21 | 32 | 40 | 6 x 40 | 25 |
| A601004040830 | WK 4040.08 | | EKD 46/60 M/N V1 | 40 | 40 | 8 x 40 | 25 |

Recommended for: ● Cast material ● Steel

NK soft mounted point



- for non-rusting steels
- excellent removal rates, also under difficult conditions

★★★☆☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|------------------------------|-------------|-------|------------------|------|------|---------|---------------|
| A200001332627W | ZY 1332.06 | | NK 24 N BA soft | 13 | 32 | 6 x 40 | 20 |
| A200001632627W | ZY 1632.06 | | NK 24 N BA soft | 16 | 32 | 6 x 40 | 20 |
| A200002040627W | ZY 2040.06 | | NK 24 N BA soft | 20 | 40 | 6 x 40 | 20 |
| A200002040827W | ZY 2040.08 | | NK 24 N BA soft | 20 | 40 | 8 x 40 | 20 |
| NEW A6000022356270002 | ZY 2235.06 | | NK 24 QU BA soft | 22 | 35 | 6 x 40 | 50 |
| A200002532627W | ZY 2532.06 | | NK 24 N BA soft | 25 | 32 | 6 x 40 | 20 |
| A200003232627W | ZY 3232.06 | | NK 24 N BA soft | 32 | 32 | 6 x 40 | 20 |
| A200004020627W | ZY 4020.06 | | NK 24 N BA soft | 40 | 20 | 6 x 40 | 20 |
| NEW A6000040208270020 | ZY 4020.08 | | NK 20 N BA soft | 40 | 20 | 8 x 40 | 25 |
| A200005020627W | ZY 5020.06 | | NK 24 N BA soft | 50 | 20 | 6 x 40 | 20 |
| A201302506627 | ZY2 2506.06 | | NK 24 N BA soft | 25 | 6 | 6 x 40 | 20 |
| A201304006627 | ZY2 4006.06 | | NK 24 N BA soft | 40 | 10 | 6 x 40 | 20 |
| NEW A6013040066270018 | ZY2 4006.06 | | NK 36 N BA soft | 40 | 6 | 6 x 40 | 50 |
| A201304010627W | ZY2 4010.06 | | NK 24 N BA soft | 40 | 10 | 6 x 40 | 20 |
| A201305004627W | ZY2 5004.06 | | NK 24 N BA soft | 50 | 4 | 6 x 40 | 20 |
| NEW A201305006627W | ZY2 5006.06 | | NK 24 N BA soft | 50 | 6 | 6 x 40 | 20 |
| NEW A6013050066270014 | ZY2 5006.06 | | NK 24 N BA soft | 50 | 6 | 6 x 80 | 100 |
| A201305010627W | ZY2 5010.06 | | NK 24 N BA soft | 50 | 10 | 6 x 40 | 20 |
| NEW A6013050108270002 | ZY2 5010.08 | | NK 30 N BA soft | 50 | 10 | 8 x 40 | 100 |
| NEW A601305013627 | ZY2 5013.06 | | NK 20 R BA soft | 50 | 13 | 6 x 40 | 25 |
| A201306510827 | ZY2 6510.08 | | NK 24 P BA soft | 65 | 10 | 8 x 40 | 20 |
| A201102525627 | KU 2525.06 | | NK 24 N BA soft | 25 | 25 | 6 x 40 | 20 |
| NEW A6006020256270002 | KE 2025.06 | | NK 24 N BA soft | 20 | 25 | 6 x 150 | 200 |

Recommended for: ● Inox/Steel ● Steel ● Aluminium

NK BA mounted point assortment



- for non-rusting steels
- 4 different shapes for fast tool changes, in specialist retail packaging
- excellent removal rates, also under difficult conditions

★★★☆☆

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

Recommended for: ● Inox/Steel ● Steel ● Aluminium



QUALITIES AND PROPERTIES

Mounted points for machining cast materials



NK-BA HARD

Regular aluminium oxide resin-bonded

★★☆



HK

Mixture of white aluminium oxide and regular aluminium oxide

★★☆



MK

Mixture of pink aluminium oxide and regular aluminium oxide

★★☆



SICdki

Dark silicon carbide

★★☆

MATERIAL PROPERTIES

The characteristics of the various types of cast materials are normally determined by their carbon content and the way in which the carbon is removed from the material structure. Cast materials are generally rough machined. The skin contains inclusions of sand from the casting process; large burrs, sprues and risers, holes and cracks must all be removed by grinding. These areas to be ground are often difficult to reach.

INDUSTRIES

Manufacturers of cast components such as engine blocks, gear box casings, cylinder heads, frames, stands, machine slides, gears, crankshafts, pump and turbine housings, machine tool components and many more.

PROCESSING EXAMPLES

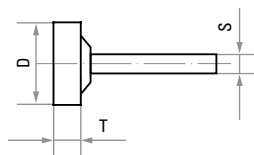
- Deburring
- Fettling
- Polishing
- Finish grinding of repair welds
- Removing holes and cracks

LUKAS GRINDING TOOLS

LUKAS mounted points for grinding cast materials contain special grain mixtures and tough bonding systems, delivering excellent performance in the applications mentioned above.

The aggressiveness of the abrasive grain and the smooth running of the mounted points allow for ergonomic machining with minimum force. Mounted points with specially extended shanks are also available on request.

NK hard mounted point



- perfect for grinding cast materials
- special grain mixture ideally suited to the material
- for ergonomical working with minimum force

★★☆

GRINDING AND POLISHING
(with bonded tools)

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|------------------------------|-------------|-------|------------------|---------|---------|---------|------------------|
| A200001020627 | ZY 1020.06 | | NK 46 QU BA Hard | 10 | 20 | 6 x 40 | 20 |
| A200001032627 | ZY 1032.06 | | NK 46 QU BA Hard | 10 | 32 | 6 x 40 | 20 |
| A200001040627 | ZY 1040.06 | | NK 46 QU BA Hard | 10 | 40 | 6 x 40 | 20 |
| A200001320627 | ZY 1320.06 | | NK 46 QU BA Hard | 13 | 20 | 6 x 40 | 20 |
| A200001332627 | ZY 1332.06 | | NK 46 QU BA Hard | 13 | 32 | 6 x 40 | 20 |
| A200001620627 | ZY 1620.06 | | NK 24 QU BA Hard | 16 | 20 | 6 x 40 | 20 |
| A200001632627 | ZY 1632.06 | | NK 24 QU BA Hard | 16 | 32 | 6 x 40 | 20 |
| A200001640627 | ZY 1640.06 | | NK 24 QU BA Hard | 16 | 40 | 6 x 40 | 20 |
| A200002020627 | ZY 2020.06 | | NK 24 QU BA Hard | 20 | 20 | 6 x 40 | 20 |
| A200002032627 | ZY 2032.06 | | NK 24 QU BA Hard | 20 | 32 | 6 x 40 | 20 |
| A200002040627 | ZY 2040.06 | | NK 24 QU BA Hard | 20 | 40 | 6 x 40 | 20 |
| A200002040827 | ZY 2040.08 | | NK 24 QU BA Hard | 20 | 40 | 8 x 40 | 20 |
| A200002525627 | ZY 2525.06 | | NK 24 QU BA Hard | 25 | 25 | 6 x 40 | 20 |
| A200002532627 | ZY 2532.06 | | NK 24 QU BA Hard | 25 | 32 | 6 x 40 | 20 |
| NEW A6000025408270002 | ZY 2540.08 | | NK 24 QU BA Hard | 25 | 40 | 8 x 40 | 100 |
| A200003220627 | ZY 3220.06 | | NK 24 QU BA Hard | 32 | 20 | 6 x 40 | 20 |
| A200003232627 | ZY 3232.06 | | NK 24 QU BA Hard | 32 | 32 | 6 x 40 | 20 |
| NEW A6000032328270005 | ZY 3232.08 | | NK 24 QU BA Hard | 32 | 32 | 8 x 40 | 25 |
| NEW A600003240627 | ZY 3240.06 | | NK 24 QU BA Hard | 32 | 40 | 6 x 40 | 25 |
| A200003250827 | ZY 3250.08 | | NK 24 O BA hart | 32 | 50 | 8 x 40 | 20 |
| A200004020627 | ZY 4020.06 | | NK 24 QU BA Hard | 40 | 20 | 6 x 40 | 20 |
| A200004020827 | ZY 4020.08 | | NK 24 QU BA Hard | 40 | 20 | 8 x 40 | 20 |
| A200004040827 | ZY 4040.08 | | NK 24 QU BA Hard | 40 | 40 | 8 x 40 | 20 |
| A200005013827 | ZY 5013.08 | | NK 24 QU BA Hard | 50 | 13 | 8 x 40 | 20 |
| A200005020627 | ZY 5020.06 | | NK 24 QU BA Hard | 50 | 20 | 6 x 40 | 20 |
| NEW A200005020827 | ZY 5020.08 | | NK 24 QU BA Hard | 50 | 20 | 8 x 40 | 20 |
| A60000502562701 | ZY 5025.06 | | NK 20 QU BA 64 H | 50 | 25 | 6 x 30 | 25 |
| A200005025827 | ZY 5025.08 | | NK 24 QU BA Hard | 50 | 25 | 8 x 40 | 20 |
| NEW A60000653082701 | ZY 6530.08 | | NK 24 QU BA Hard | 65 | 30 | 8 x 40 | 50 |
| A201302510627 | ZY2 2510.06 | | NK 24 QU BA Hard | 25 | 10 | 6 x 40 | 20 |
| A201303208627 | ZY2 3208.06 | | NK 24 QU BA Hard | 32 | 8 | 6 x 40 | 20 |
| A201304010627 | ZY2 4010.06 | | NK 24 QU BA Hard | 40 | 10 | 6 x 40 | 20 |
| NEW A601304010827 | ZY2 4010.08 | | NK 24 QU BA Hard | 40 | 10 | 8 x 40 | 50 |
| A201305004627 | ZY2 5004.06 | | NK 24 QU BA Hard | 50 | 4 | 6 x 40 | 20 |
| A201305006627 | ZY2 5006.06 | | NK 24 QU BA Hard | 50 | 6 | 6 x 40 | 20 |
| NEW A6013050066270003 | ZY2 5006.06 | | NK 24 QU BA Hard | 50 | 6 | 6 x 40 | 200 |
| A201305010627 | ZY2 5010.06 | | NK 24 QU BA Hard | 50 | 10 | 6 x 40 | 20 |
| A201305010827 | ZY2 5010.08 | | NK 24 QU BA Hard | 50 | 10 | 8 x 40 | 20 |
| A6013060066270005 | ZY2 6006.06 | | NK 24 QU BA Hard | 60 | 6 | 6 x 40 | 20 |

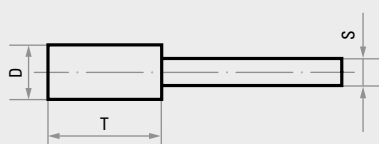
Recommended for: ● Steel ● Cast material

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains | |
|-------------------|-----------------|-------|------------------|------|------|--------|---------------|-----|
| A6013065108270006 | ZY2 6510.08 | | NK 24 QU BA hard | 65 | 10 | 8 x 40 | 100 | NEW |
| A601307506827 | ZY2 7506.08 | | NK 24 QU BA hard | 75 | 6 | 8 x 40 | 100 | NEW |
| A201307510827 | ZY2 7510.08 | | NK 24 QU BA hard | 75 | 10 | 8 x 40 | 10 | |
| A6011020206270006 | KU 2020.06 | | NK 24 QU BA hard | 20 | 20 | 6 x 70 | 50 | NEW |
| A601102020627 | KU 2020.06 | | NK 24 QU BA hard | 20 | 20 | 6 x 40 | 50 | NEW |
| A6011022226270001 | KU 2323.06 | | NK 24 QU BA hard | 22.5 | 22.5 | 6 x 40 | 50 | NEW |
| A601102323627 | KU 2323.06 | | NK 24 QU BA hard | 23 | 23 | 6 x 40 | 50 | NEW |
| A60110282862701 | KU 2929.06 | | NK 24 QU BA hard | 28.5 | 28.5 | 6 x 40 | 25 | NEW |
| A6011030306270002 | KU 3131.06 | | NK 24 QU BA hard | 30.5 | 30.5 | 6 x 40 | 25 | NEW |
| A6011034346270001 | KU 3535.06 | | NK 24 QU BA hard | 34.5 | 34.5 | 6 x 40 | 25 | NEW |
| A601103838627 | KU 3939.06 | | NK 24 QU BA hard | 38.5 | 38.5 | 6 x 40 | 25 | NEW |
| A601104343627 | KU 4343.06 | | NK 24 QU BA hard | 43 | 43 | 6 x 25 | 25 | NEW |
| A601104949627 | KU 4949.06 | | NK 24 QU BA hard | 49 | 49 | 6 x 40 | 25 | NEW |
| A60110505082701 | KU 5050.08 | | NK 24 QU BA hard | 50 | 50 | 8 x 40 | 25 | NEW |
| A60110535382701 | KU 5353.08 | | NK 24 QU BA hard | 53 | 53 | 8 x 40 | 25 | NEW |
| A6015016456270005 | KE 16/6 x 45.06 | | NK 24 O BA64 | 16 | 45 | 6 x 40 | 50 | NEW |

Recommended for: ● Steel ● Cast material

GRINDING AND POLISHING
(with bonded tools)

- perfect for grinding cast materials
- special grain mixture ideally suited to the material
- for ergonomic working with minimum force



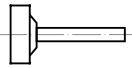



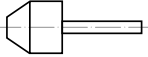

HK mounted point

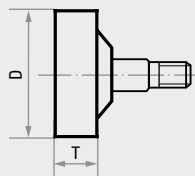


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| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains | |
|-------------------|-------------|-------|----------------|------|------|--------|---------------|-----|
| A200001632633 | ZY 1632.06 | | HK 30 N V13 | 16 | 32 | 6 x 40 | 20 | |
| A200002032633 | ZY 2032.06 | | HK 30 N V13 | 20 | 32 | 6 x 40 | 20 | |
| A6000020406330020 | ZY 2040.06 | | HK 20 O V13 | 20 | 40 | 6 x 40 | 200 | NEW |
| A200002040633 | ZY 2040.06 | | HK 30 N V13 | 20 | 40 | 6 x 40 | 20 | |
| A6000020406330014 | ZY 2040.06 | | HK 36/46 N V13 | 20 | 40 | 6 x 40 | 50 | NEW |
| A6000021326330004 | ZY 2132.06 | | HK 30 N V13 | 21 | 32 | 6 x 35 | 50 | NEW |
| A600002235633 | ZY 2235.06 | | HK 30 N V13 | 22 | 35 | 6 x 35 | 50 | NEW |
| A200002532633 | ZY 2532.06 | | HK 30 N V13 | 25 | 32 | 6 x 40 | 20 | |
| A6000032326330003 | ZY 3232.06 | | HK 30 N V10 | 32 | 32 | 6 x 40 | 25 | NEW |
| A60000324063301 | ZY 3240.06 | | HK 30 N V13 | 32 | 40 | 6 x 40 | 100 | NEW |
| A200004020633 | ZY 4020.06 | | HK 30 N V13 | 40 | 20 | 6 x 40 | 20 | |
| A200004025833 | ZY 4025.08 | | HK 24/30 P V4 | 40 | 25 | 8 x 40 | 20 | |
| A6000040308330001 | ZY 4030.08 | | HK 24 N V4 | 40 | 30 | 8 x 40 | 100 | NEW |
| A600005014633 | ZY 5014.06 | | HK 30 N V13 | 50 | 14 | 6 x 40 | 25 | NEW |



Recommended for: ● Cast material ● Inox/Steel

| | Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|--|-------------------|-------------|---|------------|---------|---------|---------|------------------|
| | A201305010633 | ZY2 5010.06 |  | HK 30 NV13 | 50 | 10 | 6 x 40 | 20 |
| NEW | A6015016406330001 | KE 1640.06 |  | HK 36 NV13 | 16 | 40 | 6 x 40 | 50 |
| | A201503250833 | KE 3250.08 |  | HK 30 NV13 | 32 | 50 | 8 x 40 | 20 |
| NEW | A600603550833 | KE 3550.08 |  | HK 24 OV13 | 35 | 50 | 8 x 40 | 25 |
| NEW | A601001316333 | WK 1316.03 |  | HK 80 NV4 | 13 | 16 | 3 x 30 | 100 |
| NEW | A600202050638 | SP 2050.06 |  | HK 24 NV13 | 20 | 50 | 6 x 40 | 50 |
| Recommended for: ● Cast material ● Inox/Steel | | | | | | | | |

NEW HK mounted point with threaded shaft

- quick installation thanks to screw-in thread
- can be combined with different shaft lengths
- matching shafts available on request
- long-lasting reusable shaft

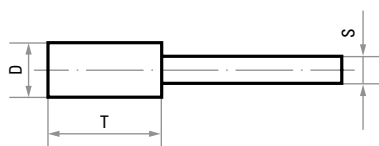
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| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|---|-------------|---|-------------|------|------|---------|---------------|
| A6000016320330001 | ZY 1632.M4 |  | HK 30 N V13 | 16 | 32 | M4 x 10 | 100 |
| A6000020400330001 | ZY 2040.M4 | | HK 30 N V13 | 20 | 40 | M4 x 10 | 25 |
| A600005020033 | ZY 5020.M4 | | HK 30 N V13 | 50 | 20 | M4 x 10 | 100 |
| A601303210033 | ZY2 3210.M4 |  | HK 30 N V13 | 32 | 10 | M4 x 10 | 500 |
| A6013040100330001 | ZY2 4010.M4 | | HK 30 N V13 | 40 | 10 | M4 x 10 | 50 |
| A6013050100330001 | ZY2 5010.M4 | | HK 30 N V13 | 50 | 10 | M4 x 10 | 200 |
| Recommended for: <div><div></div> Cast material</div> <div><div></div> Inox/Steel</div> | | | | | | | |



MK mounted point

- perfect for grinding cast materials
- special grain mixture ideally suited to the material
- for ergonomic working with minimum force



★★☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|----------------|-------|------------------|------|------|---------|---------------|
| A200001020616 | ZY 1020.06 | | MK 46 N V10 | 10 | 20 | 6 x 40 | 20 |
| A600001340616 | ZY 1340.06 | | MK 36 N V10 | 13 | 40 | 6 x 40 | 50 NEW |
| A200001632616 | ZY 1632.06 | | MK 36 N V10 | 16 | 32 | 6 x 40 | 20 |
| A200001640616 | ZY 1640.06 | | MK 36 N V10 | 16 | 40 | 6 x 40 | 20 |
| A200002020616 | ZY 2020.06 | | MK 36 N V10 | 20 | 20 | 6 x 40 | 20 |
| A200002032616 | ZY 2032.06 | | MK 36 N V10 | 20 | 32 | 6 x 40 | 20 |
| A200002040616 | ZY 2040.06 | | MK 36 N V10 | 20 | 40 | 6 x 40 | 20 |
| A6000020406160003 | ZY 2040.06 | | MK 20 N V10 | 20 | 40 | 6 x 40 | 50 NEW |
| A200002532616 | ZY 2532.06 | | MK 36 N V10 | 25 | 32 | 6 x 40 | 20 |
| A200003220616 | ZY 3220.06 | | MK 36 N V10 | 32 | 20 | 6 x 40 | 20 |
| A200003232616 | ZY 3232.06 | | MK 36 N V10 | 32 | 32 | 6 x 40 | 20 |
| A200003240616 | ZY 3240.06 | | MK 36 N V10 | 32 | 40 | 6 x 40 | 20 |
| A200004020616 | ZY 4020.06 | | MK 36 N V10 | 40 | 20 | 6 x 40 | 20 |
| A200004040816 | ZY 4040.08 | | MK 36 N V10 | 40 | 40 | 8 x 40 | 20 |
| A200005025616 | ZY 5025.06 | | MK 30 N V10 | 50 | 25 | 6 x 40 | 20 |
| A6000050258160006 | ZY 5025.08 | | MK 16 N V10 | 50 | 25 | 8 x 40 | 25 NEW |
| A201304010616 | ZY2 4010.06 | | MK 36 N V10 | 40 | 10 | 6 x 40 | 20 |
| A201501632616 | KE 1632.06 | | MK 36 N V10 | 16 | 32 | 6 x 40 | 20 |
| A201502032616 | KE 2032.06 | | MK 36 N V10 | 20 | 32 | 6 x 40 | 20 |
| A201502040616 | KE 2040.06 | | MK 36 N V10 | 20 | 40 | 6 x 40 | 20 |
| A6015020406160010 | KE 2040.06 | | MK 36 N V10 | 20 | 40 | 6 x 60 | 50 NEW |
| A601502550616 | KE 2550.06 | | MK 70 L V4 | 25 | 50 | 6 x 40 | 50 NEW |
| A601104040816 | KU 4040.08 | | MK 24 O (3) V13A | 40 | 40 | 8 x 40 | 25 NEW |
| A6001060451016 | WK 60/25x45.10 | | MK 60 M V1 | 60 | 45 | 10 x 55 | 10 NEW |

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

GRINDING AND POLISHING
(with bonded tools)

AGGRESSIVE ABRASIVE GRAIN FOR HIGH REMOVAL RATES

FOR EFFICIENT MACHINING AND
PERFECT RESULTS ON CAST MATERIALS

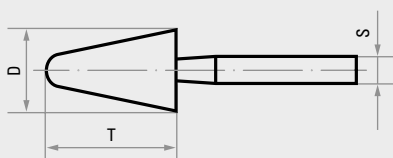
This mounted point is ideal for the efficient and perfect machining of cast workpieces; especially suitable for use on edges or for grinding out bore holes. It can also be used to remove sharp burrs.

High removal rates are possible thanks to the especially sharp, hard and aggressive SIC abrasive grain. The ceramic firing and leaving the firing skin on the mounted point creates a hard out-

er layer so that the abrasive grains break out less quickly. This results in a higher, constant initial aggressiveness of the grinding wheel.

The ceramic bond eliminates the unpleasant odour usually associated with Bakelite-bonded grinding wheels. The robust design and the use of SIC ensure an extra long tool life with consistently excellent results.

NEW SIC mounted point for machining cast materials



★★☆

- for machining cast material and cast steel
- aggressive grinding behaviour right from the outset
- very long tool life
- reduces costs and working time
- no bad odours
- Tested quality: High degree of safety through regular testing.

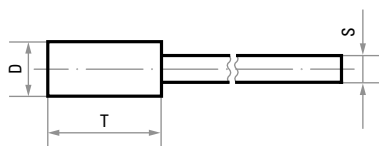
| Product number | Description | Shapes | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|--------|-------------------------------------|---------|---------|---------|------------------|
| A60000204062202 | ZY 2040.06 | | SICDKL. 30 P V20 | 20 | 40 | 6 x 40 | 25 |
| A60000402062201 | ZY 4020.06 | | SICDKL. 24 O V20 | 40 | 20 | 6 x 40 | 25 |
| A60130501062201 | ZY2 5010.06 | | SICDKL. 24 O V20 | 50 | 10 | 6 x 40 | 25 |
| A6006032508220017 | KE 3250.08 | | SICDKL. 36 QU V28 special recipe | 27.4 | 50 | 8 x 40 | 25 |
| A60060355282202 | KE 3552.08 | | SICDKL. 24 O V20 | 35 | 52 | 8 x 40 | 25 |
| A60150204062203 | KE 2040.06 | | SICDKL. 24 O V20 | 20 | 40 | 6 x 40 | 25 |
| A601502545622 | KE 2545.06 | | SICDKL. 36 R/S V27 | 23.5 | 45 | 6 x 40 | 25 |
| A60620225062201 | A11 2250.06 | | SICDKL. 24 O/P V20 | 22 | 50 | 6 x 40 | 25 |

Recommended for: ● Cast material ● Steel



Mounted point for cast materials with extra-long shaft NEW

- for machining steel and cast steel
- for hard-to-reach areas
- aggressive grinding behaviour right from the outset
- Tested quality: High degree of safety through regular testing.



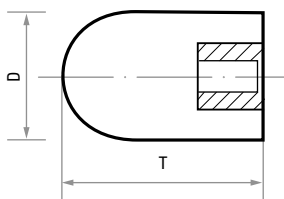
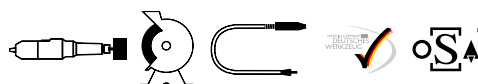
| Product number | Description | Shapes | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|--------|----------------------|------|------|---------|---------------|
| A600000820637 | ZY 0820.06 | | HKD 46 N V7 | 8 | 20 | 6 x 100 | 100 |
| A600001025837 | ZY 1025.08 | | HKD 46 N V7 | 10 | 25 | 6 x 100 | 200 |
| A6000016326370005 | ZY 1632.06 | | HKD 20/24 R (1) V13 | 16 | 32 | 6 x 60 | 50 |
| A6000016326370003 | ZY 1632.06 | | HKD 20/24 R (1) V13 | 16 | 32 | 6 x 150 | 100 |
| A6000020256370005 | ZY 2025.06 | | HKD 20/24 QU (1) V13 | 20 | 25 | 6 x 150 | 100 |
| A601101010637 | KU 1010.06 | | HKD 60 M V21 W | 10 | 10 | 6 x 300 | 100 |
| A6000012306330001 | ZY 1230.06 | | HK 30 N V13 | 12 | 30 | 6 x 150 | 200 |
| A6000012306330002 | ZY 1230.06 | | HK 30 N V13 | 12 | 30 | 6 x 200 | 100 |
| A600001232633 | ZY 1232.06 | | HK 30 N V13 | 12 | 32 | 6 x 250 | 250 |
| A600001621833 | ZY 1621.08 | | HK 30 N V13 | 16 | 21 | 8 x 70 | 200 |
| A6000016326330016 | ZY 1632.06 | | HK 30 N V13 | 16 | 32 | 6 x 200 | 100 |
| A600001635633 | ZY 1635.06 | | HK 30 N V13 | 16 | 35 | 6 x 150 | 200 |
| A6000020258330006 | ZY 2025.08 | | HK 30 N V13 | 20 | 25 | 8 x 50 | 200 |
| A600002040833 | ZY 2040.08 | | HK 30 O V21 | 20 | 40 | 8 x 250 | 100 |
| A6000025256330003 | ZY 2525.06 | | HK 30 N V13 | 25 | 25 | 6 x 200 | 100 |
| A6000032326330001 | ZY 3232.06 | | HK 36 N V13 | 32 | 32 | 6 x 300 | 50 |
| A601306008833 | ZY2 6008.08 | | HK 30 N V13 | 60 | 8 | 8 x 70 | 25 |
| A6000013206160003 | ZY 1320.06 | | MK 46 O V10 | 13 | 20 | 6 x 150 | 50 |
| A60000162061601 | ZY 1620.06 | | MK 36 N V10 | 16 | 20 | 6 x 300 | 100 |
| A600001625616 | ZY 1625.06 | | MK 36 N V10 | 16 | 25 | 6 x 150 | 100 |
| A6000020406160002 | ZY 2040.06 | | MK 30 M V4 | 20 | 40 | 6 x 180 | 100 |
| A6000032326160008 | ZY 3232.06 | | MK 36 N V10 | 32 | 32 | 6 x 250 | 100 |
| A6000032328160002 | ZY 3232.08 | | MK 36 N V10 | 32 | 32 | 8 x 300 | 50 |
| A601305013816 | ZY2 5013.08 | | MK 30 L V13 | 50 | 13 | 8 x 100 | 100 |
| A60130501381601 | ZY2 5013.08 | | MK 30 L V13 | 50 | 13 | 8 x 65 | 100 |
| A60150203261601 | KE 2032.06 | | MK 36 N V10 | 20 | 32 | 6 x 200 | 100 |

Recommended for: ● Cast material ● Inox/Steel

GRINDING WHEEL WITH INTERNAL THREAD

FOR ROUGH GRINDING CASTINGS

NEW Grinding wheel with internal thread



- large grinding wheel for rough grinding castings
- with metric or imperial thread connection
- robust design
- other designs available on request

★★☆

| Product number | Description | Shapes | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|--------------------|--------|----------------------|---------|---------|--------------------------------------|------------------|
| A6054038900270003 | KEG 3890.M14 | | NK/RG 20 P BA64 | 38 | 90 | GEW.B. mounted point M14(fine) x 30 | 50 |
| A60540389002703 | KEG 3890.M14 | | NK/RG 20 QU BA64 | 38 | 90 | GEW.B. mounted point M14(fine) x 30 | 50 |
| A6054040630270008 | KEG 4063. 3/8" UNF | | NK/RG 16/20 N BA64 | 40 | 63 | GEW.B. mounted point 3/8" UNF x 25 | 100 |
| A6054040630270011 | KEG 4063. M14 | | NK/RG 20 P BA64 | 40 | 63 | GEW.B. mounted point M14 x 30 | 100 |
| A6054040630390001 | KEG 4063. M10 | | SICDKL 24 O BA15 | 40 | 63 | GEW.B. mounted point M10 x 20 | 100 |
| A605404070027 | KEG 4070. 3/8" UNF | | NK/SICDKL 24 QU BA64 | 40 | 70 | GEW.B. mounted point 3/8" (fine)x 25 | 100 |
| A605404572027 | KEG 4572.5/8" | | NK 20 O BA 15 | 45 | 72 | GEW.B. mounted point 5/8" x 30 | 50 |
| A6056065400270003 | ZYG 6540. M14 | | NK 24 QU BA97 | 65 | 40 | GEW.B. mounted point M14 x 20 | 20 |
| A60560753502701 | ZYG 7535. M12 | | SICDKL 20 QU BA 96 | 75 | 35 | GEW.B. mounted point M12 x 20 | 30 |
| A605607938027 | ZYG 7938. 1/2" UNC | | NK 20 P BA98 | 79 | 38 | GEW.B. mounted point 1/2" UNC x 25 | 30 |
| A6057045750270004 | WRG 4575. 1/2" UNC | | NK 14/16 O BA15 | 45 | 75 | GEW.B. mounted point 1/2" UNC x 25 | 50 |
| A6058042630740005 | WKG 4263. M10 | | NSB 20 O BA99 | 42 | 63 | GEW.B. mounted point M10 x 22 | 50 |

Recommended for: ● Steel ● Cast material



QUALITIES AND PROPERTIES

Mounted points for grinding plastic and rubber



HOK
Spherical
aluminium oxide

★★☆

MATERIAL PROPERTIES

Materials such as rubber or plastic are very elastic and have a very low melting point. They flex and generate heat, often resulting in a bad odour and smearing.

INDUSTRIES

- Rubber processing
- Plastic processing

PROCESSING EXAMPLES

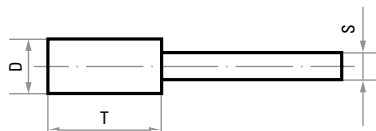
- Repairing and re-vulcanising tyres
- Repairing conveyor belts
- Preparation of various areas for adhesion
- Deburring rubber or plastic components

LUKAS GRINDING TOOLS

LUKAS grinding tools for machining rubber and plastic contain special spherical grains (HOK) in a very open ceramic structure. This abrasive creates permanent small razor-sharp cutting edges which pluck out the material from the surface. Consequently, these mounted points are ideally suited for the machining applications listed above.



HOK mounted point



- specialist for machining rubber and plastic

★★☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|----------------|-------------|-------|--------------|------|------|--------|---------------|
| A602201325626 | ZY 1325.06 | | HOK 0 - 3 V9 | 13 | 25 | 6 x 40 | 50 NEW |
| A202202025626 | ZY 2025.06 | | HOK 0-3 V9 | 20 | 25 | 6 x 40 | 20 |
| A202204020626 | ZY 4020.06 | | HOK 0-3 V9 | 40 | 20 | 6 x 40 | 20 |
| A201902525626 | KU 2525.06 | | HOK 0-3 V9 | 25 | 25 | 6 x 40 | 20 |
| A201903838626 | KU 3838.06 | | HOK 0-3 V9 | 38 | 38 | 6 x 40 | 20 |

Recommended for: ● Plastic/Rubber

ADAPTED TO AMERICAN DIMENSIONS

MOUNTED POINTS IN PROVEN LUKAS QUALITY IN AMERICAN SHAPES

We offer LUKAS mounted points in a wide range of shapes, sizes and qualities. American shapes are often required overseas. You can rest assured that we have the right products for your challenges in proven LUKAS quality.

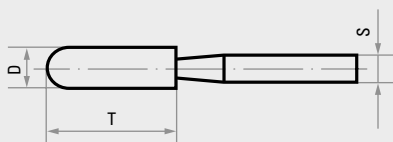


AMERICAN SHAPE A



AMERICAN SHAPE B

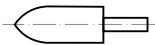
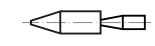
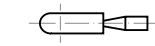


Mounted point American shape A



★★★

| | Product number | Description | Shape | Quality | D inch | T inch | D mm | T mm | S mm | Pack contains |
|-----|-------------------|-------------|-------|--------------------|-----------|-----------|---------|---------|---------|------------------|
| | A206202263633 | A1 2263.06 | | HK 36/46 M V13 | 7/8 | 2 1/2 | 22 | 63 | 6 x 40 | 20 |
| NEW | A606202263633 | A1 2263.06 | | HK 24 O V13 | 3/4 | 2 1/2 | 22 | 63 | 6 x 40 | 25 |
| NEW | A606202263627 | A1 2263.06 | | NK 24 QU BA64 | 3/4 | 2 1/2 | 22 | 63 | 6 x 40 | 25 |
| NEW | A606202564616 | A1 2564.06 | | MK 24 O (3) V13A | 3/4 | 2 1/2 | 25 | 64 | 6 x 40 | 25 |
| NEW | A606402665812 | A1 2765.08 | | EKWbr 24 P (6) V13 | 3/4 | 2 1/2 | 26.5 | 65 | 8 x 40 | 25 |
| | A206201645633 | AS3 1645.06 | | HK 36/46 M V13 | 5/8 | 1 3/4 | 16 | 45 | 6 x 40 | 20 |
| | A2062025706020001 | A3 2570.06 | | EKR 36 N V4 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 20 |
| | A206202570633 | A3 2570.06 | | HK 36/46 M V13 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 20 |
| NEW | A6062025706120003 | A3 2570.06 | | EKWbr 60 O/P V7 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 25 |
| NEW | A6062025706330008 | A3 2570.06 | | HK 24 O V7 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 25 |
| NEW | A6062025706330012 | A3 2570.06 | | HK 36 O V13 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 25 |
| NEW | A606202570644 | A3 2570.06 | | NKB 20/24 K BA15 | 1 | 2 3/4 | 25 | 70 | 6 x 40 | 25 |
| NEW | A6062025706020043 | A3 2570.06 | | EKR 36 QU V4 | 1 | 2 3/4 | 25 | 70 | 6 x 30 | 25 |
| | A206402570833 | A3 2570.08 | | HK 36/46 M V13 | 1 | 2 3/4 | 25 | 70 | 8 x 40 | 20 |
| NEW | A606202870630 | A3 2870.06 | | EKD 36 O V13 | 1 | 2 3/4 | 28 | 70 | 6 x 40 | 100 |
| NEW | A6062030506330004 | A9 3050.06 | | HK 24 O V7 | 1 1/4 | 2 | 30 | 50 | 6 x 40 | 100 |
| NEW | A6062022706020003 | A10 2270.06 | | EKR 36 P V4 | 7/8 | 2 3/4 | 22 | 70 | 6 x 40 | 25 |
| | A206202250602 | A11 2250.06 | | EKR 36 QU V4 | 7/8 | 2 | 22 | 50 | 6 x 40 | 20 |
| | A2062022506020001 | A11 2250.06 | | EKR 36 N V4 | 7/8 | 2 | 22 | 50 | 6 x 40 | 20 |

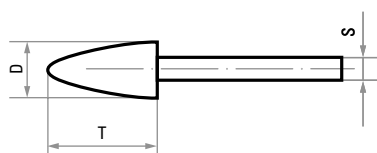
Recommended for: ● Cast material (HK) ● Plastic/Rubber ● Titanium (EKW) ● Inox/Steel (HK) ● Steel (EKW)

| Product number | Description | Shape | Quality | D inch | T inch | D mm | T mm | S mm | Pack contains |
|-------------------|-------------|---|---------------------|--------|--------|------|------|--------|----------------|
| A206202250633 | A11 2250.06 |  | HK 36/46 M V13 | 7/8 | 2 | 22 | 50 | 6 x 40 | 20 |
| A206202250626 | A11 2250.06 | | HOK 0-3 V9 | 7/8 | 2 | 22 | 50 | 6 x 40 | 20 |
| A6062022506330021 | A11 2250.06 | | HK 24 O V7 | 7/8 | 2 | 22 | 50 | 6 x 40 | 100 NEW |
| A6062022506330016 | A11 2250.06 | | HK 30 N V13 | 7/8 | 2 | 22 | 50 | 6 x 40 | 25 NEW |
| A6062022506330007 | A11 2250.06 | | HK 36/46 P V13 | 7/8 | 2 | 22 | 50 | 6 x 40 | 50 NEW |
| A6062022506270003 | A11 2250.06 | | NK 24 P BA15 | 7/8 | 2 | 22 | 50 | 6 x 40 | 50 NEW |
| A60620225062704 | A11 2250.06 | | NK 24 QU BA 64 | 7/8 | 2 | 22 | 50 | 6 x 40 | 50 NEW |
| A6062022506160009 | A11 2250.06 | | MK 30 N V10 | 7/8 | 2 | 22 | 50 | 6 x 30 | 25 NEW |
| A60620225062201 | A11 2250.06 | | SICDKL 24 O/P V20 | 7/8 | 2 | 22 | 50 | 6 x 40 | 25 NEW |
| A60620225062702 | A11 2250.06 | | NK 24 QU BA 64 H | 7/8 | 2 | 22 | 50 | 6 x 30 | 50 NEW |
| A60620225082701 | A11 2250.08 | | NK 24 QU BA 64 | 7/8 | 2 | 22 | 50 | 8 x 40 | 50 NEW |
| A6064025508170006 | A11 2550.08 | | NK 24 P (3) V13 | 7/8 | 2 | 25 | 50 | 8 x 40 | 25 NEW |
| A606202850617 | A11 2850.06 | | NK 24/30 O V7 | 7/8 | 2 | 28 | 50 | 6 x 40 | 25 NEW |
| A6062028506170006 | A11 2850.06 | | NK 24/30 O V7 | 7/8 | 2 | 28 | 50 | 6 x 30 | 25 NEW |
| A606202850610 | A11 2850.06 | | EKWBL 30 QU (6) V31 | 7/8 | 2 | 28 | 50 | 6 x 32 | 25 NEW |
| A6062028506170003 | A11 2850.06 | | NK 24 P V13 | 7/8 | 2 | 28 | 50 | 6 x 33 | 25 NEW |
| A206200625602 | A15 0625.06 |  | EKR 80/100 QU V4 | 1/4 | 1 | 6 | 25 | 6 x 40 | 20 |
| A206200625633 | A15 0625.06 | | HK 46/60 N V13 | 1/4 | 1 | 6 | 25 | 6 x 40 | 20 |
| A6062007256020008 | A15 0725.06 | | EKR 80 S V4 | 1/4 | 1 1/16 | 7 | 25 | 6 x 40 | 50 |
| A6062008256080001 | A15 0825.06 | | EKW 60 M (2) V13 | 1/4 | 1 1/16 | 8 | 25 | 6 x 40 | 50 NEW |
| A606200828602 | A15 0828.06 | | EKR 80 O V4 | 1/4 | 1 1/16 | 8 | 28 | 6 x 40 | 50 NEW |
| A606200828647 | A15 0828.06 | | RKD 60/80 QU V13 | 1/4 | 1 1/16 | 8 | 28 | 6 x 40 | 50 NEW |
| A206200620602 | A24 0620.06 |  | EKR 60/80 QU V4 | 1/4 | 3/4 | 6 | 20 | 6 x 40 | 20 |
| A6062040106080017 | A36 4010.06 |  | EKW 60 N V4 | 1 5/8 | 3/8 | 40 | 10 | 6 x 40 | 50 NEW |
| A206204010608 | A36 4010.06 | | EKW 60 L (2) V13 | 1 5/8 | 3/8 | 40 | 10 | 6 x 40 | 20 |
| A6062032066080008 | A37 3206.06 |  | EKW 60 M (2) V13 | 1 1/4 | 1/4 | 32 | 6 | 6 x 40 | 50 NEW |
| A206203206602 | A37 3206.06 | | EKR 46 QU V4 | 1 1/4 | 1/4 | 32 | 6 | 6 x 40 | 20 NEW |

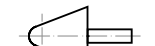
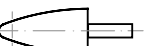

Recommended for: ● Cast material (HK) ● Plastic/Rubber ● Titanium (EKW) ● Inox/Steel (HK) ● Steel (EKW)

GRINDING AND POLISHING
(with bonded tools)

Mounted point American shape B



★★★☆☆

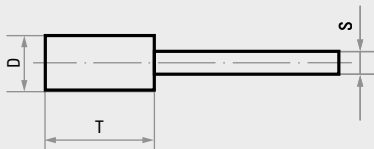
| Product number | Description | Shape | Quality | D inch | T inch | D mm | T mm | S mm | Pack contains |
|----------------|-------------|---|-----------------|--------|--------|------|------|--------|---------------|
| A206601616302 | B41 1616.03 |  | EKR 60/80 QU V4 | 5/8 | 5/8 | 16 | 16 | 3 x 30 | 20 |
| A206601020302 | B52 1020.03 |  | EKR 46 QU V4 | 3/8 | 3/4 | 10 | 20 | 3 x 30 | 20 |
| A206600816302 | B53 0816.03 |  | EKR 60/80 QU V4 | 5/16 | 5/8 | 8 | 16 | 3 x 30 | 20 |

Recommended for: ● Steel

FOR MACHINING NICKEL-BASED ALLOYS

FOR GRINDING TURBINE BLADES FOR AIRCRAFT ENGINES

NEW Mounted points for nickel-based alloys



- for machining nickel-based alloys
- for deburring engine parts
- high precision
- long tool life
- can be easily profiled

★★★

| Product number | Description | Shapes | Quality | D mm | T mm | S mm | Pack contains |
|-------------------|-----------------|--------|--------------------|---------|---------|---------|------------------|
| A6000006143060005 | ZY 0614.03 | | EKRbr 120 O V39 | 6 | 14 | 3 x 30 | 100 |
| A600000615306 | ZY 0615.03 | | EKRbr 120 QU V7 | 6 | 15 | 3 x 30 | 100 |
| A600001030306 | ZY 1030.03 | | EKRbr 80/100 O V44 | 10 | 30 | 3 x 30 | 100 |
| A6072006143060005 | W-163 6,5 x 14 | | EKRbr 120 P/QU V39 | 6.5 | 14 | 3 x 40 | 100 |
| A6072006143060006 | W-163 6,5 x 14 | | EKRbr 80 P/QU V39 | 6.5 | 14 | 3 x 40 | 100 |
| A6072006143060011 | W-163 6,5 x 14 | | EKRbr 120 P/QU V39 | 6.5 | 14 | 3 x 40 | 100 |
| A6072010203060003 | W-177 10,5 x 20 | | EKRbr 80 P/QU V39 | 10.5 | 20 | 3 x 40 | 100 |
| A6015010256060003 | KE 10,5/6 x 25 | | EKRbr 46/60 P V7 | 10.5 | 25 | 6 x 40 | 300 |
| A6015006133060013 | KE 6,2/1,5 x 13 | | EKRbr 120 QU V39 | 6.2 | 13 | 3 x 40 | 100 |
| A6011005053060002 | KU 0505.03 | | EKRbr 80 P/QU V39 | 5 | 5 | 3 x 40 | 100 |
| A6002005123060003 | SP 5,5 x 12 | | EKRbr 120 P/QU V39 | 5.5 | 12 | 3 x 50 | 100 |
| A6014003103060002 | WR 3,2 x 10 | | EKRbr 120 P V39 | 3.2 | 10 | 3 x 50 | 100 |
| A6066010203060003 | B-52 1020.03 | | EKRbr 120 QU V39 | 10 | 20 | 3 x 40 | 100 |

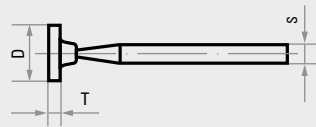
Recommended for: ● Inox/Stahl ● Titan

PRECISION MOUNTED POINTS FOR MODEL MAKING AND MOULDMAKING

MINIATURE MOUNTED POINTS FROM LUKAS



Miniature mounted point



- perfect mounted points for use in pattern making and 3D printing

★★☆

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|----------------|-------------|-------|-----------------|-------|------|--------|---------------|
| A202900001302 | D1 | | EKR 100 N V4 | 9 | 2 | 3 x 30 | 20 |
| A202900001311 | D1 | | EKbr 100 M V1/6 | 9 | 2 | 3 x 30 | 20 |
| A202900002302 | D2 | | EKR 80 N V4 | 9 | 3 | 3 x 30 | 20 |
| A202900002311 | D2 | | EKbr 80 M V1/6 | 9 | 3 | 3 x 30 | 20 |
| A202900003302 | D3 | | EKR 100 N V4 | 8 | 2 | 3 x 30 | 20 |
| A202900003311 | D3 | | EKbr 100 M V1/6 | 8 | 2 | 3 x 30 | 20 |
| A202900004302 | D4 | | EKR 100 N V4 | 4 | 1 | 3 x 30 | 20 |
| A202900005302 | D5 | | EKR 80 N V4 | 5 | 3 | 3 x 30 | 20 |
| A202900005311 | D5 | | EKbr 80 M V1/6 | 5 | 3 | 3 x 30 | 20 |
| A202900006302 | D6 | | EKR 80 N V4 | 7/4 | 6 | 3 x 30 | 20 |
| A202900007302 | D7 | | EKR 100 N V4 | 2.5/5 | 2,5 | 3 x 30 | 20 |
| A202900008302 | D8 | | EKR 100 N V4 | 2.5/6 | 3 | 3 x 30 | 20 |
| A202900009302 | D9 | | EKR 80 N V4 | 3.5/8 | 4 | 3 x 30 | 20 |
| A202900009311 | D9 | | EKbr 80 M V1/6 | 3.5/8 | 4 | 3 x 30 | 20 |
| A202900010302 | D10 | | EKR 100 N V4 | 2/3.2 | 4 | 3 x 30 | 20 |
| A202900011302 | D11 | | EKR 80 N V4 | 5 | 5 | 3 x 30 | 20 |

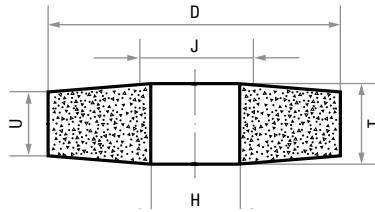
Recommended for: ● Steel

| Product number | Description | Shape | Quality | D mm | T mm | S mm | Pack contains |
|------------------------------|-------------|-------|-----------------|-------------|------|--------|---------------|
| A202900012302 | D12 | | EKR 80 N V4 | 4/7 | 6 | 3 x 30 | 20 |
| A202900012311 | D12 | | EKbr 80 M V1/6 | 4/7 | 6 | 3 x 30 | 20 |
| A202900013302 | D13 | | EKR 100 N V4 | 3 | 3 | 3 x 30 | 20 |
| A202900013311 | D13 | | EKbr 100 M V1/6 | 3 | 3 | 3 x 30 | 20 |
| A202900014302 | D14 | | EKR 80 N V4 | 4 | 4 | 3 x 30 | 20 |
| A202900014311 | D14 | | EKbr 80 M V1/6 | 4 | 4 | 3 x 30 | 20 |
| A202900015302 | D15 | | EKR 80 N V4 | 5 | 5 | 3 x 30 | 20 |
| A202900015311 | D15 | | EKbr 80 M V1/6 | 5 | 5 | 3 x 30 | 20 |
| A202900017302 | D17 | | EKR 80 N V4 | 4 | 5 | 3 x 30 | 20 |
| A202900018302 | D18 | | EKR 80 N V4 | 7 | 8 | 3 x 30 | 20 |
| A202900020302 | D20 | | EKR 100 N V4 | 7 | 5 | 3 x 30 | 20 |
| A202900021302 | D21 | | EKR 100 N V4 | 8 | 1.6 | 3 x 30 | 20 |
| A202900022302 | D22 | | EKR 100 N V4 | 2.5 | 6 | 3 x 30 | 20 |
| A202900022311 | D22 | | EKbr 100 M V1/6 | 2.5 | 6 | 3 x 30 | 20 |
| A202900023302 | D23 | | EKR 80 N V4 | 5 | 6 | 3 x 30 | 20 |
| A202900023311 | D23 | | EKbr 80 M V1/6 | 5 | 6 | 3 x 30 | 20 |
| NEW A6029005063020004 | D23 | | EKR 80 N V4 | 5 | 6 | 3 x 60 | 20 |
| A202900024302 | D24 | | EKR 60 N V4 | 6 | 6 | 3 x 30 | 20 |
| A202900024311 | D24 | | EKbr 60 M V1/6 | 6 | 6 | 3 x 30 | 20 |
| A202900025302 | D25 | | EKR 100 N V4 | 5 | 1.5 | 3 x 30 | 20 |
| A202900026302 | D26 | | EKR 100 N V4 | 6 | 2.5 | 3 x 30 | 20 |
| A202900026311 | D26 | | EKbr 100 M V1/6 | 6 | 2.5 | 3 x 30 | 20 |
| A202900028302 | D28 | | EKR 80 N V4 | 3.5/ 5.5 | 11 | 3 x 30 | 20 |
| A202900029302 | D29 | | EKR 100 N V4 | 3 | 6.4 | 3 x 30 | 20 |
| A202900029311 | D29 | | EKbr 100 M V1/6 | 3 | 6.4 | 3 x 30 | 20 |
| A202900030302 | D30 | | EKR 100 N V4 | 4.4 | 10 | 3 x 30 | 20 |
| A202900030311 | D30 | | EKbr 100 M V1/6 | 4.4 | 10 | 3 x 30 | 20 |
| A202900032302 | D32 | | EKR 100 N V4 | 5 | 7 | 3 x 30 | 20 |
| A202900032311 | D32 | | EKbr 100 M V1/6 | 5 | 7 | 3 x 30 | 20 |
| A202900033302 | D33 | | EKR 80 N V4 | 6 | 8 | 3 x 30 | 20 |
| A202900034302 | D34 | | EKR 100 N V4 | 4.37 | 7 | 3 x 30 | 20 |
| A202900034311 | D34 | | EKbr 100 M V1/6 | 4.37 | 7 | 3 x 30 | 20 |
| A202900035302 | D35 | | EKR 80 N V4 | 6 | 10 | 3 x 30 | 20 |
| A202900035311 | D35 | | EKbr 80 M V1/6 | 6 | 10 | 3 x 30 | 20 |
| A202900036302 | D36 | | EKR 80 N V4 | 6 | 11 | 3 x 30 | 20 |
| A202900036311 | D36 | | EKbr 80 M V1/6 | 6 | 11 | 3 x 30 | 20 |
| NEW A602900611353 | D36 | | NDW 100 QU V115 | 6 | 11 | 3 x 30 | 100 |
| NEW A602900611310 | D36 | | EKWBL 120 O V6 | 6 | 11 | 3 x 30 | 100 |

Recommended for: ● Steel



Taper-sided grinding wheel



- grinding wheel as per ISO 603-12 in SE4 shape

★★☆

| Product number | Description | Quality | D mm | T mm | U mm | H mm | J mm | Pack contains |
|---|--------------|-----------------|------|------|------|------|------|---------------|
| A2039080200320001 | SE4 08020.16 | HK 24 M BA soft | 80 | 20 | 16 | 16 | 25 | 10 |
| A2039080200320002 | SE4 08020.16 | HK 16 P BA hard | 80 | 20 | 16 | 16 | 25 | 10 |
| A2039080200320003 | SE4 08020.20 | HK 24 M BA soft | 80 | 20 | 16 | 20 | 25 | 10 |
| A2039080200320004 | SE4 08020.20 | HK 16 P BA hard | 80 | 20 | 16 | 20 | 25 | 10 |
| Recommended for: ● Cast material ● Inox/Steel | | | | | | | | |



SAFETY ADVICE

This tool must be used with a flange as per DIN 69864.

GET YOUR GRINDING AND POLISHING POINTS READY FOR WORK AGAIN QUICKLY

WE ARE FLEXIBLE AND CAN OFFER ALMOST ANY VARIANT

SHARPENING STONES WITH SILICON CARBIDE

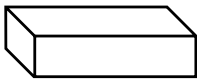

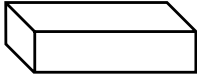
These sharpening stones feature an extremely sharp and rough abrasive grain, delivering perfect results in combination with a hard vitrified bond. This means you can get your grinding and polishing points back in working order in no time. The sharpening stone is ideal for profiling, sharpening, opening pores and removing material from bonded grinding and polishing tools. This silicon carbide tool grinds cool and generates few sparks, making it suitable for use in aerospace engineering. Even hard materials like stone, glass and high-alloy materials can be processed efficiently. The hard and sharp abrasive grain ensures a long service life. Regular tests guarantee high safety and proven quality.

SHARPENING STONES WITH ALUMINIUM OXIDE

Made from white aluminium oxide, this sharpening stone is perfect for finely grinding workpieces by hand in the mould and die industry. The high hardness and sharp grain of the aluminium oxide ensure its long service life. It can also easily process hard materials. Regular tests guarantee high safety and proven quality.

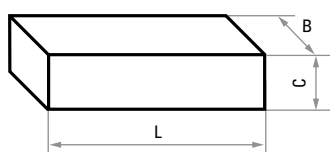
POSSIBLE SHAPES FOR SHARPENING STONES

Here you can find various sharpening stone variants. Simply let us know which dimensions you need.

| 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 |
| | 150 | 25 | 10–35 |
| | 150 | 50 | 10–35 |
|  half-round | 200 | 50 | 10–35 |
| | 216 | 78 | 20–35 |
|  | 150 | 13 | 5–35 |



Sharpening stones



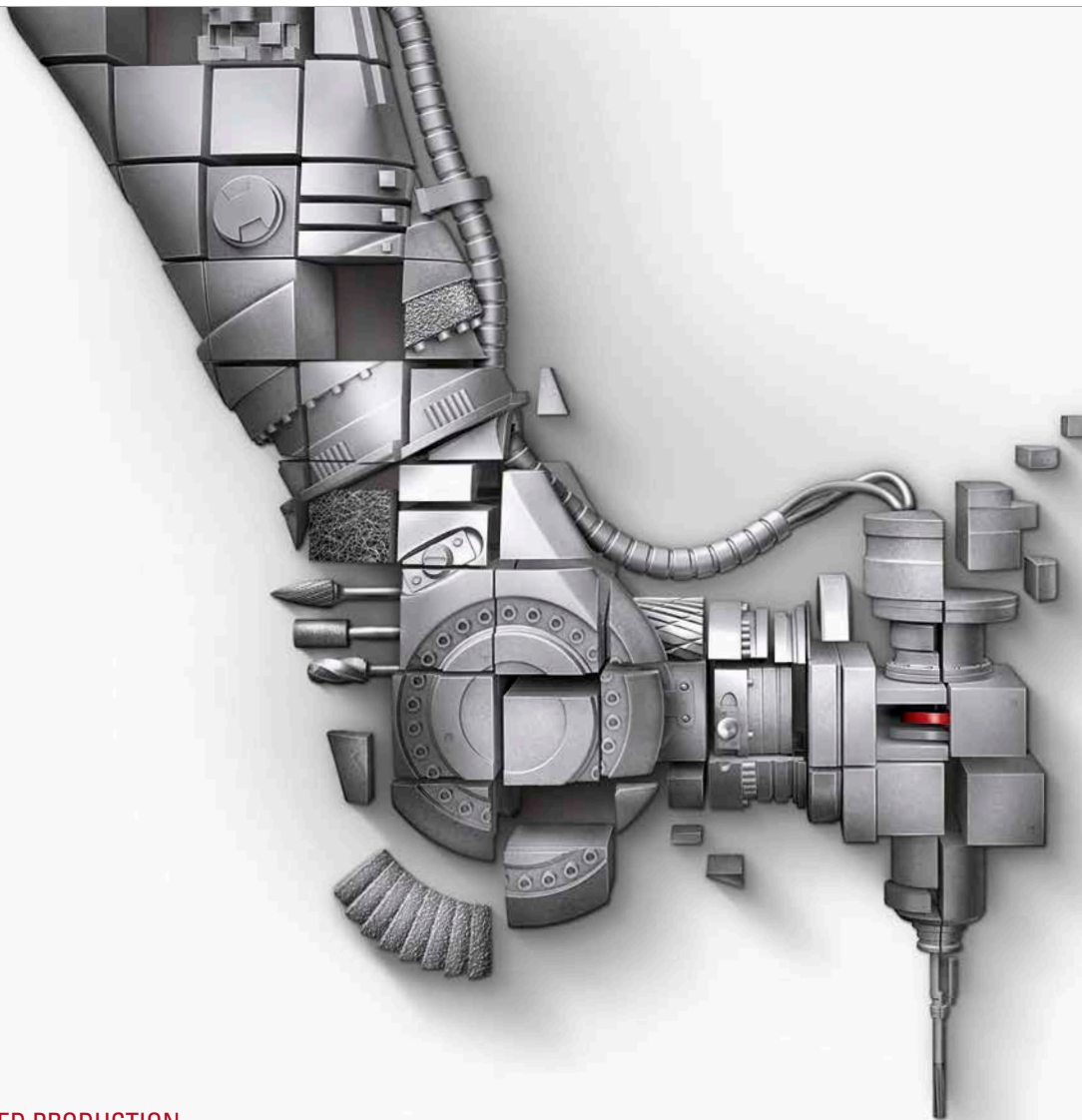
RU 1–4 particularly suitable for:

- profiling
- sharpening
- dressing

of bonded grinding and polishing tools

★★☆

| Product number | Description | Quality | L mm | B mm | C mm | Pack contains |
|--|------------------|--------------------------------|---------|---------|---------|------------------|
| A204300000118 | RU 1 | SICGR 60 O V23/green=fine | 50 | 25 | 15 | 5 |
| A204300000122 | RU 1 | SICGR 24 O V23/dark=coarse | 50 | 25 | 15 | 5 |
| A204300000218 | RU 2 | SICGR 60 O V23/green=fine | 100 | 30 | 15 | 5 |
| A204300000222 | RU 2 | SICGR 24 O V23/dark=coarse | 100 | 30 | 15 | 5 |
| A204300000318 | RU 3 | SICGR 60 O V23/green=fine | 100 | 50 | 25 | 5 |
| A204300000322 | RU 3 | SICGR 24 O V23/dark=coarse | 100 | 50 | 25 | 5 |
| A204300000418 | RU 4 | SICGR 60 O V23/green=fine | 150 | 50 | 25 | 5 |
| A204300000422 | RU 4 | SICGR 24 O V23/dark=coarse | 150 | 50 | 25 | 5 |
| A6043200502522010 | RU 200 x 50 x 25 | SICDKL20 / SICDKL80 (P/QU V27) | 200 | 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 |
| A6043150131312 | RU 150 x 13 x 13 | EKWBR 180 LV7 | 150 | 13 | 13 | 20 |
| A60430130615008 | RU 150 x 13 x 6 | EKW 100 JOT V4 | 150 | 13 | 6 | 50 |
| A6043150130702 | RU 150 x 13 x 7 | EKR 80 JOT V1 | 150 | 13 | 7 | 100 |
| A6043150251037 | RU 150 x 25 x 10 | HKD 120 D (10) V1 | 150 | 25 | 10 | 25 |
| A6043150251508001 | RU 150 x 25 x 15 | EKW 150 HV4 | 150 | 25 | 15 | 50 |
| A6043150251518003 | RU 150 x 25 x 15 | SICGR 80 DV3 | 150 | 25 | 15 | 5 |
| A6043150252018 | RU 150 x 25 x 20 | SICGR 120 G V3 | 150 | 25 | 20 | 50 |
| A6043150250833 | RU 150 x 25 x 8 | HK 120 EV1 | 150 | 25 | 8 | 25 |
| A6043150502508006 | RU 150 x 50 x 25 | EKW 150 HV4 | 150 | 50 | 25 | 5 |
| A6043150502508012 | RU 150 x 50 x 25 | EKWBR 120 E (9) V40 | 150 | 50 | 25 | 5 |
| A6043150503502 | RU 150 x 50 x 35 | EKR 80/100 DV1 | 150 | 50 | 35 | 5 |
| A6043200502508004 | RU 200 x 50 x 25 | EKW 100 E (7) V1 | 200 | 50 | 25 | 5 |
| A6043200502508014 | RU 200 x 50 x 25 | EKW 180 EV1 | 200 | 50 | 25 | 10 |
| A60430255020037 | RU 200 x 50 x 25 | HKD 120 D (10) V1 | 200 | 50 | 25 | 10 |
| A6043200502522005 | RU 200 x 50 x 25 | SICDKL. 16 NV27 | 200 | 50 | 25 | 5 |
| Recommended for: ● Steel | | | | | | |



CUSTOMIZED PRODUCTION

Grinding wheels specially developed for your application

TAILOR-MADE GRINDING WHEELS

We can also provide you with customised grinding wheels:

- Wheels in special qualities
- Wheels in special dimensions
- Wheels in special profiles
- Mounted points in imperial dimensions and/or with imperial shanks
- Mounted points with internal thread and matching mounting arbors
- Cup wheels
- Grinding wheels – plain and tapered
- Mounted points with extended shanks
- Mounted points with internal thread and matching shank extension
- Sharpening and dressing stones
- and many more

YOUR CUSTOM PRODUCTION REQUEST

Please provide us with all the relevant information about your processing problem when sending your request. This will help us react quicker. This information should include:

- Shape, dimensions, shank, bore size of the grinding wheel (a sketch or technical drawing would be of great assistance)
- Material to be ground
- Type of application (e.g. fettling, deburring...)
- Surface finish requirements
- Power tool speed (rpm)
- Anticipated order quantity
- Tool currently being used (type, quality...)



GENERAL INFORMATION AND PRODUCT INFORMATION

Polishing tools from LUKAS – groups P1 to P7

Whether you need to achieve certain technical surface values for your product or just want to make it shine, there are many good reasons to choose polishing tools from LUKAS.

In sectors such as the automotive industry, aerospace, and pump and turbine engineering, there are plenty of sealing surfaces and fits that must be produced with high precision to achieve the right result. In the food and pharmaceutical industries, polished surfaces ensure hygienic clean working conditions. In mould and die industry, surfaces are polished to a mirror finish; with any casting, the result is a perfect end product.

In response to the growing importance of fine machining, LUKAS has developed a wide range of polishing tools, featuring a variety of raw materials, grain combinations and hardness levels. LUKAS polishing tools are categorised into groups P1 to P7 according to the respective application. These tools include polishing wheels, points and sticks to cover a wide variety of applications. The diagram on the next page provides an overview.

| Bonding type | Polishing Tools | Properties |
|--------------|---|---|
| P1 | Polishing points with hard rubber bond | <ul style="list-style-type: none"> Available in grit size 100 Suitable for fine grinding cast materials and preparing surfaces |
| P2 | Polishing points and discs made with soft rubber bond | <ul style="list-style-type: none"> Available with 7 different grits in various shapes and sizes Suitable for fine to gloss polishing of pre-machined and small areas as well as for dash-dot matting surfaces |
| P3 | Felt polishing tool | <ul style="list-style-type: none"> For use with SIC or diamond polishing paste For polishing particularly complicated shapes Achieve excellent polishing results all the way to a mirror finish |
| P4 | Polishing sticks | <ul style="list-style-type: none"> Available in various degrees of hardness Only from LUKAS: have custom polishing sticks made to your specifications Manual use in mouldmaking |
| P5 | Polishing points with fibre reinforcement | <ul style="list-style-type: none"> Available in grit sizes 46, 80 and 120 as well as custom-made versions up to grit size 600 Fibre reinforced for wear resistance Especially suitable for fine finishing of non-ferrous metals and low and high-alloyed steels |
| P6 | Polishing tools with polyurethane bond | <ul style="list-style-type: none"> Broad range of applications: Available in various degrees of hardness and grit sizes Available in various forms – mounted points, marbling points, discs, rolls for satin finishes and polishing discs. Suitable for improving the surface quality and dimensional accuracy as well as for ultra-fine and effect grinding |
| P7 | Polishing tools for fine machining | <ul style="list-style-type: none"> Available in SIC grit size 240 or 400 Small polishing tools with shaft diameter 2.35 mm For machining the finest workpieces and structures LUKAS polishing points, wheels and lenses specially designed for fine mechanics and laboratory work. |

TECHNICAL INFORMATION

Speeds for polishing tools

| Recommended cutting speed v_c (m/s) | | | | | | | | | | |
|---------------------------------------|----------------|--------|--------|--------|--------|--------|---------|---------|---------|--|
| | | | | | | | | | | |
| Polishing group (Bonds) | 2 | 5 | 8 | 10 | 16 | 20 | 25 | 32 | 50 | |
| | P1 | | | | | | | | | |
| | P2/P4/P6 WP/P7 | | | | | | | | | |
| | P3 | | | | | | | | | |
| | P5 | | | | | | | | | |
| Tool diameter (mm) | 4 | 6 | 8 | 10 | 16 | 20 | 25 | 32 | 50 | |
| | 9,500 | 23,800 | 38,100 | 47,700 | 76,300 | 95,400 | 119,300 | 152,700 | 238,700 | |
| | 6,300 | 15,900 | 25,400 | 31,800 | 50,900 | 63,600 | 79,500 | 101,800 | 159,100 | |
| | 4,700 | 11,900 | 19,000 | 23,800 | 38,100 | 47,700 | 59,600 | 76,300 | 119,300 | |
| | 3,800 | 9,500 | 15,200 | 19,000 | 30,500 | 38,100 | 47,700 | 61,100 | 95,400 | |
| | 2,300 | 5,900 | 9,500 | 11,900 | 19,000 | 23,800 | 29,800 | 38,100 | 59,600 | |
| | 1,900 | 4,700 | 7,600 | 9,500 | 15,200 | 19,000 | 23,800 | 30,500 | 47,700 | |
| | 1,500 | 3,800 | 6,100 | 7,600 | 12,200 | 15,200 | 19,000 | 24,400 | 38,100 | |
| | 1,100 | 2,900 | 4,700 | 5,900 | 9,500 | 11,900 | 14,900 | 19,000 | 29,800 | |
| | 900 | 2,300 | 3,800 | 4,700 | 7,600 | 9,500 | 11,900 | 15,200 | 23,800 | |
| | 700 | 1,900 | 3,000 | 3,800 | 6,100 | 7,600 | 9,500 | 12,200 | 19,000 | |
| | 500 | 1,200 | 2,000 | 2,500 | 4,000 | 5,000 | 6,300 | 8,100 | 12,700 | |
| | 300 | 900 | 1,500 | 1,900 | 3,000 | 3,800 | 4,700 | 6,100 | 9,500 | |
| | 200 | 600 | 1,000 | 1,200 | 2,000 | 2,500 | 3,100 | 4,000 | 6,300 | |
| | 100 | 400 | 700 | 900 | 1,500 | 1,900 | 2,300 | 3,000 | 4,700 | |
| | 100 | 300 | 600 | 700 | 1,200 | 1,500 | 1,900 | 2,400 | 3,800 | |
| Speed (rpm) | | | | | | | | | | |

GRINDING AND POLISHING
(with bonded tools)

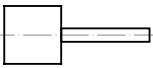
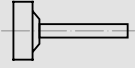
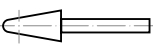



! The ideal/recommended speed for polishing tools is usually lower than the maximum speed. Excessively high speeds generate more heat.

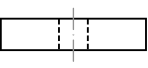
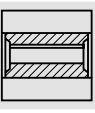
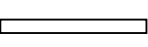

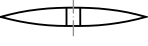
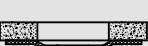


GO TO THE
SPEED
CALCULATOR

SHAPE

Summary of available shapes

| Shape | Available in following product groups |
|---|---|
|  | Cylindrical, type 1 P1, P2, P3, P5, P6 |
|  | Cylindrical, type 2 P1, P2 |
|  | Conical P1, P2, P3 |
|  | Spherical P2, P2, P3, P5 |
|  | Arch pointed nose P2, P3, P5 |
|  | Cylindrical round nose P1, P2 |

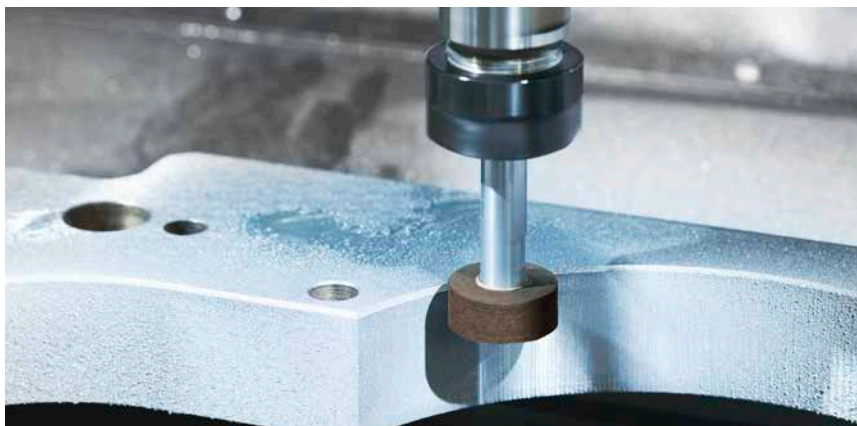
| Shape | Available in following product groups |
|--|---------------------------------------|
|  | Wheel P3, P6 |
|  | Roll P6 |
|  | Stick P4 |
|  | Disc P7 |
|  | Lens P7 |
|  | Flap disc P6 |

POLISHING GROUP P1

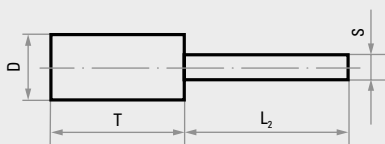
Hard-rubber polishing points

These polishing points are available in one grit combination only. The surface finish is similar to a finish with grit size 100. The hard rubber bond makes these points particularly suitable for finishing cast materials, hard and soft steels, as well as alloyed and unalloyed steel.

They do not clogg and have a long and efficient tool life when used with moderate pressure.



P1 polishing point



★★☆

- ideal for finishing cast materials, hardened and unhardened, alloyed and non-alloyed steel
- manufactured as per DIN 69170

| | Product number | Description | Shape | D mm | T mm | S mm | L ₂ mm | Pack contains |
|-----|-----------------|--------------|-------|---------|---------|---------|----------------------|------------------|
| | A2600004083 | P1ZY 0408.03 | | 4 | 8 | 3 | 30 | 20 |
| | A2600005103 | P1ZY 0510.03 | | 5 | 10 | 3 | 30 | 20 |
| | A2600006103 | P1ZY 0610.03 | | 6 | 10 | 3 | 30 | 20 |
| NEW | A66000061030002 | P1ZY 0610.03 | | 6 | 10 | 3 | 60 | 100 |
| | A2600007103 | P1ZY 0710.03 | | 7 | 10 | 3 | 30 | 20 |
| | A2600008103 | P1ZY 0810.03 | | 8 | 10 | 3 | 30 | 20 |
| | A2600008166 | P1ZY 0816.06 | | 8 | 16 | 6 | 40 | 10 |
| | A2600008206 | P1ZY 0820.06 | | 8 | 20 | 6 | 40 | 10 |
| | A2600010103 | P1ZY 1010.03 | | 10 | 10 | 3 | 30 | 20 |
| | A2600010133 | P1ZY 1013.03 | | 10 | 13 | 3 | 30 | 20 |
| | A2600010163 | P1ZY 1016.03 | | 10 | 16 | 3 | 30 | 20 |
| | A2600010206 | P1ZY 1020.06 | | 10 | 20 | 6 | 40 | 10 |
| NEW | A6600012306 | P1ZY 1230.06 | | 12 | 30 | 6 | 40 | 50 |
| | A2600013133 | P1ZY 1313.03 | | 13 | 13 | 3 | 30 | 20 |
| | A2600013163 | P1ZY 1316.03 | | 13 | 16 | 3 | 30 | 20 |
| | A2600013206 | P1ZY 1320.06 | | 13 | 20 | 6 | 40 | 10 |
| | A2600016163 | P1ZY 1616.03 | | 16 | 16 | 3 | 30 | 20 |
| | A2600016206 | P1ZY 1620.06 | | 16 | 20 | 6 | 40 | 10 |
| | A2600016326 | P1ZY 1632.06 | | 16 | 32 | 6 | 40 | 10 |
| | A2600020206 | P1ZY 2020.06 | | 20 | 20 | 6 | 40 | 10 |
| | A2600020326 | P1ZY 2032.06 | | 20 | 32 | 6 | 40 | 10 |
| NEW | A6600025326 | P1ZY 2532.06 | | 25 | 32 | 6 | 40 | 50 |
| | A2600040206 | P1ZY 4020.06 | | 40 | 20 | 6 | 40 | 10 |

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

| Product number | Description | Shape | D mm | T mm | S mm | L ₂ mm | Pack contains |
|---|---------------|-------|---------|---------|---------|----------------------|------------------|
| A2607013033 | P1ZY 1303.03 | | 13 | 3 | 3 | 30 | 20 |
| A2607016043 | P1ZY 1604.03 | | 16 | 4 | 3 | 30 | 20 |
| A2607020063 | P1ZY 2006.03 | | 20 | 6 | 3 | 30 | 20 |
| A2607032106 | P1ZY 3210.06 | | 32 | 10 | 6 | 40 | 10 |
| A6607040106 | P1ZY2 4010.06 | | 40 | 10 | 6 | 40 | 50 NEW |
| A2602016326 | P1KS 1632.06 | | 16 | 32 | 6 | 40 | 10 |
| A66050050530003 | P1KU 0505.03 | | 5 | 5 | 3 | 100 | 50 NEW |
| A6605006063 | P1KU 0606.03 | | 6 | 6 | 3 | 100 | 50 NEW |
| A6605008083 | P1KU 0808.03 | | 8 | 8 | 3 | 50 | 100 NEW |
| A2605008083 | P1KU 0808.03 | | 8 | 8 | 3 | 30 | 20 |
| A6605010103 | P1KU 1010.03 | | 10 | 10 | 3 | 30 | 100 NEW |
| A66050121260001 | P1KU 1212.06 | | 12 | 12 | 6 | 40 | 50 NEW |
| A6605016163 | P1KU 1616.03 | | 16 | 16 | 3 | 30 | 50 NEW |
| A2605016166 | P1KU 1616.06 | | 16 | 16 | 6 | 39 | 10 |
| A66050202060002 | P1KU 2020.06 | | 20 | 20 | 6 | 60 | 50 NEW |
| A2609020326 | P1KE 2032.06 | | 20 | 32 | 6 | 40 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium | | | | | | | |

GRINDING AND POLISHING
(with bonded tools)

P1 polishing point assortment

- ideal for finishing cast materials, hardened and unhardened, alloyed and non-alloyed steel
- manufactured as per DIN 69170
- ready for any polishing challenge
- 14 different shapes for fast tool changes



★★★

| Product number | Description | Content 1 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 | | | | | | | |

POLISHING GROUP P2

Matt finish even on small surfaces

The polishing points in this group are available in the seven grit sizes shown below, and in a variety of shapes and sizes. They are colour-coded to prevent any confusion and to avoid any errors in the polishing process. The soft rubber bonding allows for a very soft grinding effect. Polishing points in the P2 group are mainly used on a pre-machined surface where a fine to gloss polished finish is required. Polishing wheels in this group are also available with a max. diameter of 200 mm in the indicated grit sizes. Exact dimensions and prices are available on request.

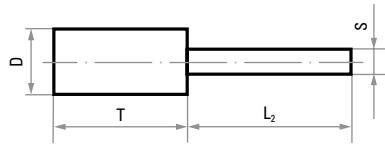


| | | | | |
|---------------|--|--|--|--|
| Product image |  |  |  |  |
| Colour | black | pale grey | red | brown |
| Grit size | 46 | 80 | 120 | 220 |

| | | | |
|---------------|---|---|---|
| Product image |  |  |  |
| Colour | green | white | orange |
| Grit size | 280 | 400 | 600 |



P2 polishing point (as per DIN 69170)

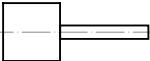
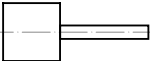
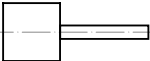
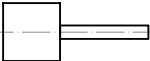
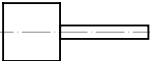


■ manufactured as per DIN 69170

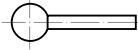
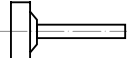

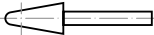
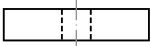
★★★

| Product number | Description | Shape | Grit size | D mm | T mm | S mm | L ₂ mm | Pack contains |
|-------------------|-----------------|-------|-----------|------|------|------|-------------------|----------------|
| A2610004083080 | P2ZY 0408.03 | | 80 | 4 | 8 | 3 | 30 | 20 |
| A2610004083120 | P2ZY 0408.03 | | 120 | 4 | 8 | 3 | 30 | 20 |
| A6610004083120006 | P2ZY 0408.03x80 | | 120 | 4 | 8 | 3 | 80 | 100 NEW |
| A2610004083220 | P2ZY 0408.03 | | 220 | 4 | 8 | 3 | 30 | 20 |
| A2610004083280 | P2ZY 0408.03 | | 280 | 4 | 8 | 3 | 30 | 20 |
| A2610004083400 | P2ZY 0408.03 | | 400 | 4 | 8 | 3 | 30 | 20 |
| A2610004083600 | P2ZY 0408.03 | | 600 | 4 | 8 | 3 | 30 | 20 |
| A2610005103080 | P2ZY 0510.03 | | 80 | 5 | 10 | 3 | 30 | 20 |
| A2610005103120 | P2ZY 0510.03 | | 120 | 5 | 10 | 3 | 30 | 20 |
| A2610005103220 | P2ZY 0510.03 | | 220 | 5 | 10 | 3 | 30 | 20 |
| A2610005103280 | P2ZY 0510.03 | | 280 | 5 | 10 | 3 | 30 | 20 |
| A6610005103080001 | P2ZY 0510.03 | | 80 | 5 | 10 | 3 | 60 | 100 NEW |
| A2610006103080 | P2ZY 0610.03 | | 80 | 6 | 10 | 3 | 30 | 20 |
| A2610006103120 | P2ZY 0610.03 | | 120 | 6 | 10 | 3 | 30 | 20 |
| A2610006103220 | P2ZY 0610.03 | | 220 | 6 | 10 | 3 | 30 | 20 |
| A2610006103280 | P2ZY 0610.03 | | 280 | 6 | 10 | 3 | 30 | 20 |
| A2610006103400 | P2ZY 0610.03 | | 400 | 6 | 10 | 3 | 30 | 20 |
| A2610006103600 | P2ZY 0610.03 | | 600 | 6 | 10 | 3 | 30 | 20 |
| A6610006203080001 | P2ZY 0620.03 | | 80 | 6 | 20 | 3 | 30 | 50 NEW |
| A2610008103046 | P2ZY 0810.03 | | 46 | 8 | 10 | 3 | 30 | 20 |
| A2610008103080 | P2ZY 0810.03 | | 80 | 8 | 10 | 3 | 30 | 20 |
| A2610008103120 | P2ZY 0810.03 | | 120 | 8 | 10 | 3 | 30 | 20 |
| A2610008103220 | P2ZY 0810.03 | | 220 | 8 | 10 | 3 | 30 | 20 |
| A2610008103280 | P2ZY 0810.03 | | 280 | 8 | 10 | 3 | 30 | 20 |
| A2610008103400 | P2ZY 0810.03 | | 400 | 8 | 10 | 3 | 30 | 20 |
| A2610008103600 | P2ZY 0810.03 | | 600 | 8 | 10 | 3 | 30 | 20 |
| A6610008103080002 | P2ZY 0810.03 | | 80 | 8 | 10 | 3 | 60 | 100 NEW |
| A6610008103120003 | P2ZY 0810.03 | | 120 | 8 | 10 | 3 | 60 | 100 NEW |
| A2610008166080 | P2ZY 0816.06 | | 80 | 8 | 16 | 6 | 30 | 10 |
| A2610008166120 | P2ZY 0816.06 | | 120 | 8 | 16 | 6 | 30 | 10 |
| A2610008166220 | P2ZY 0816.06 | | 220 | 8 | 16 | 6 | 30 | 10 |
| A2610008166280 | P2ZY 0816.06 | | 280 | 8 | 16 | 6 | 30 | 10 |
| A2610010103046 | P2ZY 1010.03 | | 46 | 10 | 10 | 3 | 30 | 20 |
| A2610010103080 | P2ZY 1010.03 | | 80 | 10 | 10 | 3 | 30 | 20 |
| A2610010103120 | P2ZY 1010.03 | | 120 | 10 | 10 | 3 | 30 | 20 |
| A2610010103220 | P2ZY 1010.03 | | 220 | 10 | 10 | 3 | 30 | 20 |
| A2610010103280 | P2ZY 1010.03 | | 280 | 10 | 10 | 3 | 30 | 20 |
| A2610010206080 | P2ZY 1020.06 | | 80 | 10 | 20 | 6 | 40 | 10 |
| A2610010206120 | P2ZY 1020.06 | | 120 | 10 | 20 | 6 | 40 | 10 |
| A2610010206220 | P2ZY 1020.06 | | 220 | 10 | 20 | 6 | 40 | 10 |
| A2610010206280 | P2ZY 1020.06 | | 280 | 10 | 20 | 6 | 40 | 10 |

Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Titanium ● PlasticGRINDING AND POLISHING
(with bonded tools)

| Product number | Description | Shape | Grit size | D mm | T mm | S mm | L ₂ mm | Pack contains |
|------------------------------|--------------|---|-----------|------|------|------|-------------------|---------------|
| A2610013133080 | P2ZY 1313.03 |  | 80 | 13 | 13 | 3 | 40 | 20 |
| A2610013133120 | P2ZY 1313.03 | | 120 | 13 | 13 | 3 | 40 | 20 |
| A2610013133220 | P2ZY 1313.03 | | 220 | 13 | 13 | 3 | 40 | 20 |
| A2610013133280 | P2ZY 1313.03 | | 280 | 13 | 13 | 3 | 40 | 20 |
| A2610013163120 | P2ZY 1316.03 | | 120 | 13 | 16 | 3 | 40 | 20 |
| A2610013206080 | P2ZY 1320.06 | | 80 | 13 | 20 | 6 | 40 | 10 |
| A2610013206120 | P2ZY 1320.06 | | 120 | 13 | 20 | 6 | 40 | 10 |
| A2610013206220 | P2ZY 1320.06 | | 220 | 13 | 20 | 6 | 40 | 10 |
| A2610013206280 | P2ZY 1320.06 | | 280 | 13 | 20 | 6 | 40 | 10 |
| NEW A6610015203220 | P2ZY 1520.03 | | 220 | 15 | 20 | 3 | 40 | 100 |
| A2610016163120 | P2ZY 1616.03 | | 120 | 16 | 16 | 3 | 40 | 20 |
| A2610016206080 | P2ZY 1620.06 | | 80 | 16 | 20 | 6 | 40 | 10 |
| A2610016206120 | P2ZY 1620.06 | | 120 | 16 | 20 | 6 | 40 | 10 |
| NEW A6610016206120002 | P2ZY 1620.06 | | 120 | 16 | 20 | 6 | 60 | 50 |
| A2610016206220 | P2ZY 1620.06 | | 220 | 16 | 20 | 6 | 40 | 10 |
| NEW A6610016206220003 | P2ZY 1620.06 | | 220 | 16 | 20 | 6 | 60 | 50 |
| A2610016206280 | P2ZY 1620.06 | | 280 | 16 | 20 | 6 | 40 | 10 |
| NEW A6610016206280004 | P2ZY 1620.06 | | 280 | 16 | 20 | 6 | 60 | 50 |
| A2610016206400 | P2ZY 1620.06 | | 400 | 16 | 20 | 6 | 40 | 10 |
| A2610016206600 | P2ZY 1620.06 | | 600 | 16 | 20 | 6 | 40 | 10 |
| A2610016326080 | P2ZY 1632.06 |  | 80 | 16 | 32 | 6 | 40 | 10 |
| A2610016326120 | P2ZY 1632.06 | | 120 | 16 | 32 | 6 | 40 | 10 |
| A2610016326220 | P2ZY 1632.06 | | 220 | 16 | 32 | 6 | 40 | 10 |
| A2610020206046 | P2ZY 2020.06 | | 46 | 20 | 20 | 6 | 40 | 10 |
| A2610020206080 | P2ZY 2020.06 | | 80 | 20 | 20 | 6 | 40 | 10 |
| A2610020206120 | P2ZY 2020.06 | | 120 | 20 | 20 | 6 | 40 | 10 |
| A2610020206220 | P2ZY 2020.06 | | 220 | 20 | 20 | 6 | 40 | 10 |
| A2610020206280 | P2ZY 2020.06 | | 280 | 20 | 20 | 6 | 40 | 10 |
| A2610020326120 | P2ZY 2032.06 | | 120 | 20 | 32 | 6 | 40 | 10 |
| A2610020326220 | P2ZY 2032.06 | | 220 | 20 | 32 | 6 | 40 | 10 |
| A2610020326280 | P2ZY 2032.06 |  | 280 | 20 | 32 | 6 | 40 | 10 |
| NEW A6610025406080001 | P2ZY 2540.06 | | 80 | 25 | 40 | 6 | 40 | 25 |
| A2610032206120 | P2ZY 3220.06 | | 120 | 32 | 20 | 6 | 40 | 10 |
| A2610032326120 | P2ZY 3232.06 | | 120 | 32 | 32 | 6 | 40 | 10 |
| A2610032326280 | P2ZY 3232.06 | | 280 | 32 | 32 | 6 | 40 | 10 |
| A2610040206120 | P2ZY 4020.06 | | 120 | 40 | 20 | 6 | 40 | 10 |
| A2611013206120 | P2SP 1320.06 |  | 120 | 13 | 20 | 6 | 40 | 10 |
| A2611020326220 | P2SP 2032.06 | | 220 | 20 | 32 | 6 | 40 | 10 |
| NEW A6615005053120 | P2KU 0505.03 |  | 120 | 5 | 5 | 3 | 30 | 100 |
| NEW A6615006063120 | P2KU 0606.03 | | 120 | 6 | 6 | 3 | 30 | 50 |
| NEW A661500808308001 | P2KU 0808.03 | | 80 | 8 | 8 | 3 | 60 | 50 |
| A2615008083120 | P2KU 0808.03 | | 120 | 8 | 8 | 3 | 30 | 20 |
| NEW A6615008083120002 | P2KU 0808.03 | | 120 | 8 | 8 | 3 | 60 | 50 |
| NEW A6615008083220 | P2KU 0808.03 | | 220 | 8 | 8 | 3 | 30 | 50 |
| A2615008083400 | P2KU 0808.03 | | 400 | 8 | 8 | 3 | 30 | 20 |
| A2615008083600 | P2KU 0808.03 | | 600 | 8 | 8 | 3 | 30 | 20 |

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

| Product number | Description | Shape | Grit size | D mm | T mm | S mm | L ₂ mm | Pack contains | |
|-------------------|--------------|---|-----------|------|------|------|----------------------|---------------|-----|
| A661501010308001 | P2KU 1010.03 |  | 80 | 10 | 10 | 3 | 60 | 50 | NEW |
| A2615010103120 | P2KU 1010.03 | | 120 | 10 | 10 | 3 | 30 | 20 | |
| A6615010103120 | P2KU 1010.03 | | 120 | 10 | 10 | 3 | 60 | 50 | NEW |
| A6615010106120 | P2KU 1010.06 | | 120 | 10 | 10 | 6 | 40 | 50 | NEW |
| A6615012123280 | P2KU 1212.03 | | 280 | 12 | 12 | 3 | 30 | 100 | NEW |
| A6615012126120 | P2KU 1212.06 | | 120 | 12 | 12 | 6 | 40 | 50 | NEW |
| A6615013133120 | P2KU 1313.03 | | 120 | 13 | 13 | 3 | 30 | 100 | NEW |
| A2615016166120 | P2KU 1616.06 | | 120 | 16 | 16 | 6 | 40 | 10 | |
| A6615016166120001 | P2KU 1616.06 | | 120 | 16 | 16 | 6 | 80 | 50 | NEW |
| A2615016166220 | P2KU 1616.06 | | 220 | 16 | 16 | 6 | 40 | 10 | |
| A2617025106120 | P2ZY 2510.06 |  | 120 | 25 | 10 | 6 | 40 | 10 | |
| A2617032106120 | P2ZY 3210.06 | | 120 | 32 | 10 | 6 | 40 | 10 | |
| A2617032106220 | P2ZY 3210.06 | | 220 | 32 | 10 | 6 | 40 | 10 | |
| A2617040106120 | P2ZY 4010.06 | | 120 | 40 | 10 | 6 | 40 | 10 | |
| A2618016326120 | P2WR 1632.06 |  | 120 | 16 | 32 | 6 | 40 | 10 | |
| A2619010206080 | P2KE 1020.06 |  | 80 | 10 | 20 | 6 | 40 | 10 | |
| A2619010206120 | P2KE 1020.06 | | 120 | 10 | 20 | 6 | 40 | 10 | |
| Product number | Description | Shape | Grit size | D mm | T mm | H mm | n _{max} rpm | Pack contains | |
| A6676050190080 | P2SE1 5019 |  | 80 | 50 | 19 | 12.7 | 6,100 | 10 | NEW |
| A6676050190120 | P2SE1 5019 | | 120 | 50 | 19 | 12.7 | 6,100 | 10 | NEW |
| A6676070190080 | P2SE1 7019 | | 80 | 70 | 19 | 12.7 | 4,300 | 10 | NEW |
| A6676070190120 | P2SE1 7019 | | 120 | 70 | 19 | 12.7 | 4,300 | 10 | NEW |

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

GRINDING AND POLISHING
(with bonded tools)

THE P2ZY10 POLISHING POINT,
PREPARES 3D PRODUCTS FOR
USE – SEE IT IN ACTION!

POLISHING GROUP P3

LUKAS felt polishing points – excellent results all the way to a mirror finish



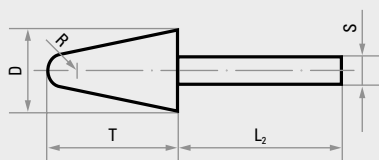
LUKAS felt polishing points are available in two qualities:

- H3 as per DIN 61200
- H3-S super hard and particularly effective when used in combination with diamond paste

The ideal peripheral speed for LUKAS felt polishing points is 2 to 8 m/s.

The LUKAS range of felt polishing tools reflects our many years of experience in this field and covers all the most common shapes and sizes. Thanks to their extreme flexibility, felt polishing points used together with LUKAS diamond paste are ideally suited for polishing highly complex shapes like pressure and injection moulds, drawing, press and cutting tools, dies, bearings, spindles, rolls, gauges, etc.

P3 polishing point



★★★☆☆

- perfect for polishing highly complex shapes
- manufactured as per DIN 69170

| | Product number | Description | Shape | Quality | D mm | T mm | S mm | L ₂ mm | R mm | Pack contains |
|-----|-----------------|--------------|-------|---------|------|------|------|-------------------|------|---------------|
| | A3700006103 | P3ZY 0610.03 | | H3 | 6 | 10 | 3 | 40 | – | 20 |
| NEW | A7700007203 | P3ZY 0720.03 | | H3 | 7 | 20 | 3 | 40 | – | 20 |
| | A3700008103 | P3ZY 0810.03 | | H3 | 8 | 10 | 3 | 40 | – | 20 |
| | A3700010123 | P3ZY 1012.03 | | H3 | 10 | 12 | 3 | 38 | – | 20 |
| | A3700010156 | P3ZY 1015.06 | | H3 | 10 | 15 | 6 | 40 | – | 10 |
| | A3700012153 | P3ZY 1215.03 | | H3 | 12 | 15 | 3 | 40 | – | 20 |
| | A3700012206 | P3ZY 1220.06 | | H3 | 12 | 20 | 6 | 40 | – | 10 |
| | A3700016206 | P3ZY 1620.06 | | H3 | 16 | 20 | 6 | 40 | – | 10 |
| | A3700020256 | P3ZY 2025.06 | | H3 | 20 | 25 | 6 | 40 | – | 10 |
| NEW | A77000233060001 | P3ZY 2330.06 | | H3 | 23 | 30 | 6 | 40 | – | 10 |
| | A3700025306 | P3ZY 2530.06 | | H3 | 25 | 30 | 6 | 40 | – | 10 |
| | A3700030406 | P3ZY 3040.06 | | H3 | 30 | 40 | 6 | 40 | – | 10 |
| NEW | A7700050506 | P3ZY 5050.06 | | H3 | 50 | 50 | 6 | 40 | – | 10 |

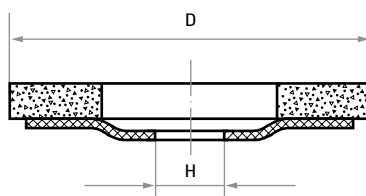
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium ● Aluminium

| Product number | Description | Shape | Quality | D mm | T mm | S mm | L ₂ mm | R mm | Pack contains |
|-----------------|--------------|-------|---------|------|------|------|-------------------|------|---------------|
| A3701006103 | P3SP 0610.03 | | H3 | 6 | 10 | 3 | 40 | – | 20 |
| A3701008103 | P3SP 0810.03 | | H3 | 8 | 10 | 3 | 40 | – | 20 |
| A3701010123 | P3SP 1012.03 | | H3 | 10 | 12 | 3 | 40 | – | 20 |
| A3701010156 | P3SP 1015.06 | | H3 | 10 | 15 | 6 | 40 | – | 10 |
| A3701012206 | P3SP 1220.06 | | H3 | 12 | 20 | 6 | 40 | – | 10 |
| A77010202530001 | P3SP 2025.03 | | H3 | 20 | 25 | 3 | 40 | – | 10 NEW |
| A3701020256 | P3SP 2025.06 | | H3 | 20 | 25 | 6 | 40 | – | 10 |
| A3701025306 | P3SP 2530.06 | | H3 | 25 | 30 | 6 | 40 | – | 10 |
| A3701030406 | P3SP 3040.06 | | H3 | 30 | 40 | 6 | 40 | – | 10 |
| A3703006063 | P3KU 0605.03 | | H3 | 6 | 5.5 | 3 | 39.5 | – | 20 |
| A3703008083 | P3KU 0807.03 | | H3 | 8 | 7.5 | 3 | 42.5 | – | 20 |
| A3703010103 | P3KU 1009.03 | | H3 | 10 | 9 | 3 | 41 | – | 20 |
| A3703010106 | P3KU 1009.06 | | H3 | 10 | 9 | 6 | 41 | – | 10 |
| A3703012126 | P3KU 1211.06 | | H3 | 12 | 11 | 6 | 39 | – | 10 |
| A3703020206 | P3KU 2019.06 | | H3 | 20 | 19 | 6 | 41 | – | 10 |
| A3705010123 | P3KE 1012.03 | | H3 | 10 | 12 | 3 | 38 | 2.5 | 20 |
| A3705010156 | P3KE 1015.06 | | H3 | 10 | 15 | 6 | 40 | 2.5 | 10 |
| A3705016206 | P3KE 1620.06 | | H3 | 16 | 20 | 6 | 40 | 3.0 | 10 NEW |
| A3705020256 | P3KE 2025.06 | | H3 | 20 | 25 | 6 | 40 | 3.5 | 10 |
| A3705025306 | P3KE 2530.06 | | H3 | 25 | 30 | 6 | 40 | 4.5 | 10 |
| A3705030406 | P3KE 3040.06 | | H3 | 30 | 40 | 6 | 40 | 6.5 | 10 |
| A37000061030001 | P3ZY 0610.03 | | H3-S | 6 | 10 | 3 | 40 | – | 20 |
| A37000081030001 | P3ZY 0810.03 | | H3-S | 8 | 10 | 3 | 40 | – | 20 |
| A37000101230001 | P3ZY 1012.03 | | H3-S | 10 | 12 | 3 | 38 | – | 20 |
| A37000101560001 | P3ZY 1015.06 | | H3-S | 10 | 15 | 6 | 40 | – | 10 |
| A37000121530001 | P3ZY 1215.03 | | H3-S | 12 | 15 | 3 | 40 | – | 20 |
| A37000122060001 | P3ZY 1220.06 | | H3-S | 12 | 20 | 6 | 40 | – | 10 |
| A37000202560001 | P3ZY 2025.06 | | H3-S | 20 | 25 | 6 | 40 | – | 10 |
| A37050101560001 | P3KE 1015.06 | | H3-S | 10 | 15 | 6 | 40 | 2.5 | 10 NEW |

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium ● AluminiumGRINDING AND POLISHING
(with bonded tools)**P3PT polishing disc** **NEW**

★★☆

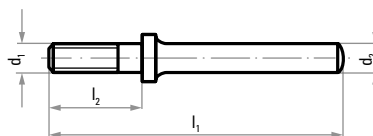
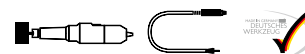
- Felt polishing discs together with LUKAS diamond pastes are especially suitable for polishing larger surfaces.
- The felt polishing discs can be used on adjustable angle grinders with little pressure and at reduced speed.
- Suitable for polishing larger surfaces together with diamond paste



| Product number | Description | D mm | H mm | n _{max} (1/min) | Pack contains |
|----------------|-------------|------|-------|--------------------------|---------------|
| A77301251022 | P3PT 125x10 | 125 | 22.23 | 4,800 | 5 |

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

Arbors for felt polishing wheels



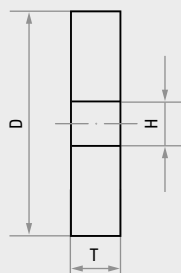
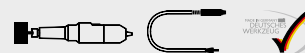
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Delivery includes the following for each arbor:

- two washers, Ø 18 mm
- two washers, Ø 30 mm
- and one hex nut.

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

Felt polishing wheel, shape S1



★★☆

| | Product number | Description | Quality | D mm | T mm | H mm | Pack contains |
|-----|----------------|---------------|---------|---------|---------|---------|------------------|
| | A3750040106 | P3S1 4010.06 | H3 | 40 | 10 | 6 | 10 |
| NEW | A7750040108 | P3S1 4010.08 | H3 | 40 | 10 | 8 | 10 |
| | A3750050106 | P3S1 5010.06 | H3 | 50 | 10 | 6 | 10 |
| | A3750050206 | P3S1 5020.06 | H3 | 50 | 20 | 6 | 10 |
| | A3750060106 | P3S1 6010.06 | H3 | 60 | 10 | 6 | 10 |
| | A3750060206 | P3S1 6020.06 | H3 | 60 | 20 | 6 | 10 |
| NEW | A77501251020 | P3S1 12510.20 | H3 | 125 | 10 | 20 | 1 |

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

FINE POLISH FOR HARD METALS

COUNTLESS CUTTING EDGES FOR A GREAT GLOSS FAST

MORE CUTTING EDGES IN DIAMOND PASTES

The diamonds in the polycrystalline diamond pastes deliver a fast high-gloss polish. The reason for this lies in the manufacturing process of the polycrystalline diamonds, which creates a large number of predetermined breaking points. Under load the diamonds break at these points. This then constantly results in new cutting edges in the polycrystalline diamond paste during use for outstanding surface results with less paste consumption.

FOR MACHINES AND ROBOTS

Polycrystalline pastes are used for steels and titanium with a hardness greater than 60 HRC. The high yield and the extremely high process reliability make the polycrystalline diamond pastes from LUKAS perfect for use on NC machines and robots. Thanks to their high temperature resistance of 130 °C and solubility in water, oil and alcohol, the polycrystalline paste can be used in a variety of ways in industrial processes. Polycrystalline diamond paste is also suitable for manual application.



Polycrystalline diamond pastes



- for steel and titanium
- resists temperatures of up to 130 °C

★★★

| Product number | Description | Quality | Grain size in µm | Colour | Content in g | Pack contains |
|----------------|-------------|----------|------------------|-------------|--------------|---------------|
| A3410129110 | EP-091 | Super-EP | 1 | blue | 10 | 1 |
| A3410129210 | EP-092 | Super-EP | 3 | green | 10 | 1 |
| A3410129310 | EP-093 | Super-EP | 6 | yellow | 10 | 1 |
| A3410129410 | EP-094 | Super-EP | 9 | red | 10 | 1 |
| A3410129510 | EP-095 | Super-EP | 15 | light brown | 10 | 1 |

Recommended for: ● Steel ● Cast material ● Titanium



Grinding pastes



- new and improved formula
- silicon carbide paste, oil-soluble, can be used with thinners, cleaned with oil, spirit or petrol
- for polishing pre-ground surfaces, particularly suited for hard metallic surfaces such as steel, iron, cast iron, bronze, brass and copper

★★☆

| Product number | Description | Quality | Grit size | Grain size in µm | Content ml | Pack contains |
|----------------|-------------|-----------|-----------|------------------|------------|---------------|
| A3760120 | SP-1 | medium | SIC 120 | 88–125 | 250 | 1 |
| A3760180 | SP-2 | fine | SIC 180 | 55–88 | 250 | 1 |
| A3760320 | SP-3 | very fine | SIC 320 | 20–40 | 250 | 1 |

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

SUPER-E DIAMOND PASTE

GET THE GLOSS YOU WANT WITH JUST A TINY AMOUNT

Thanks to the high concentration of diamond grains, you can polish even the hardest materials quickly and efficiently. The optimal shape of the monocrystalline diamonds and the very narrow grain size distribution guarantee perfect polishing results.

Because of its agglomerate-free production and high viscosity – which can be gradually diluted with water, oil or alcohol – our diamond paste is also ideal for use in machines. The paste was specially developed for mould making.

FEATURES

- high grain concentration
- perfect grain size
- free from agglomerates
- narrow grain size distribution
- monocrystalline
- high viscosity

BENEFITS/USES

- polishes the hardest materials quickly and efficiently
- optimised for machine application
- highly effective
- ideal for mould making
- dilute with water, oil or alcohol





Monocrystalline diamond pastes



- highly versatile for both manual and machine polishing
- resists temperatures of up to 130 °C

★★☆

| Product number | Description | Quality | Grain size in µm | Colour | Content g | Pack contains |
|----------------|-------------|---------|------------------|-------------|-----------|---------------|
| A3410119105 | E-091 | Super-E | 1 | blue | 5 | 1 |
| A3410119110 | E-091 | Super-E | 1 | blue | 10 | 1 |
| A3410119205 | E-092 | Super-E | 3 | green | 5 | 1 |
| A3410119210 | E-092 | Super-E | 3 | green | 10 | 1 |
| A3410119305 | E-093 | Super-E | 6 | yellow | 5 | 1 |
| A3410119310 | E-093 | Super-E | 6 | yellow | 10 | 1 |
| A3410119405 | E-094 | Super-E | 9 | red | 5 | 1 |
| A3410119410 | E-094 | Super-E | 9 | red | 10 | 1 |
| A3410119420 | E-094 | Super-E | 9 | red | 20 | 1 NEW |
| A3410119505 | E-095 | Super-E | 15 | light brown | 5 | 1 |
| A3410119510 | E-095 | Super-E | 15 | light brown | 10 | 1 |
| A7410119620 | E-096 | Super-E | 20 | grey | 20 | 1 NEW |
| A7410119710 | E-097 | Super-E | 30 | grey | 10 | 1 NEW |

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

 GRINDING AND POLISHING
(with bonded tools)


Super-L diamond paste **NEW**



- Special diamond grinding paste for mouldmaking
- oil-soluble

★★☆

| Product number | Description | Quality | Grain size in µm | Colour | Content g | Pack contains |
|----------------|-------------|---------|------------------|-------------|-----------|---------------|
| A7410119310001 | L-093 | Super-L | 6 | yellow | 10 | 1 |
| A7410119510001 | L-095 | Super-L | 15 | light brown | 10 | 1 |
| A7410119710001 | L-097 | Super-L | 30 | grey | 10 | 1 |

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

POLISHING GROUP P4

LUKAS exclusive: flexible polishing sticks

The tools in this group are bonded with polyurethane (PU) and are manufactured in various hardnesses. They contain a mixture of abrasive grains (aluminium

oxide, silicon carbide) and fillers. The tools are colour-coded to visually differentiate between the different qualities. Products in this group have a relatively dense

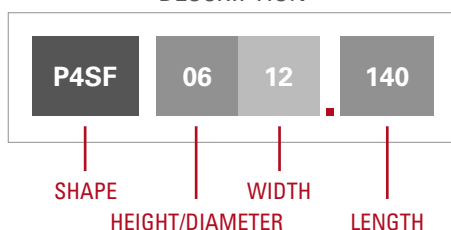
structure. They are available in several qualities from soft to hard and with various profiles. These polishing sticks are mainly used manually for mould-making.

GET YOUR CUSTOM-MADE POLISHING STICK IN JUST TWO STEPS

STEP 1

Select the required shape and size (see product tables)

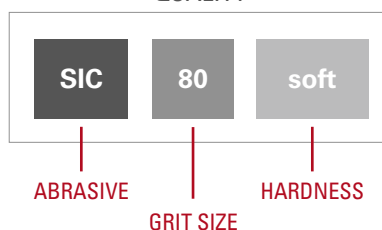
DESCRIPTION



STEP 2

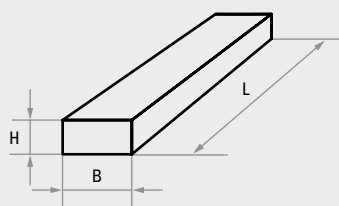
Choose the required quality

QUALITY



| Colour | Quality |
|-------------|--------------|
| pale grey | SIC 80 soft |
| grey | SIC 80 hard |
| pale blue | SIC 150 soft |
| blue | SIC 150 hard |
| pale green | SIC 240 soft |
| green | SIC 240 hard |
| beige | EKW 80 soft |
| dark beige | EKW 80 hard |
| pale red | EKW 150 soft |
| red | EKW 150 hard |
| light brown | EKW 240 soft |
| brown | EKW 240 hard |

Polishing sticks, flat



★★☆

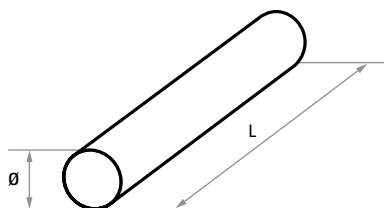
- perfect for manual polishing
- further sizes available on request

| Description | H mm | B mm | L mm | Pack contains |
|---------------|---------|---------|---------|------------------|
| P4SF 0612.070 | 6 | 12 | 70 | 10 |
| P4SF 0612.140 | 6 | 12 | 140 | 10 |
| P4SF 0816.070 | 8 | 16 | 70 | 10 |
| P4SF 0816.140 | 8 | 16 | 140 | 10 |
| P4SF 0816.210 | 8 | 16 | 210 | 10 |
| P4SF 1020.070 | 10 | 20 | 70 | 10 |
| P4SF 1020.140 | 10 | 20 | 140 | 10 |
| P4SF 1020.210 | 10 | 20 | 210 | 10 |
| P4SF 1020.280 | 10 | 20 | 280 | 10 |

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



Polishing sticks, round



- perfect for manual polishing
- further sizes available on request

★★☆

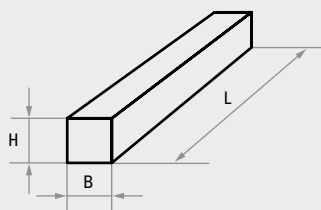
| Description | Diameter mm | L mm | Pack contains |
|---------------|-------------|------|---------------|
| P4SR 0006.070 | 6 | 70 | 10 |
| P4SR 0006.140 | 6 | 140 | 10 |
| P4SR 0010.070 | 10 | 70 | 10 |
| P4SR 0010.140 | 10 | 140 | 10 |
| P4SR 0010.210 | 10 | 210 | 10 |
| P4SR 0012.070 | 12 | 70 | 10 |
| P4SR 0012.140 | 12 | 140 | 10 |
| P4SR 0012.210 | 12 | 210 | 10 |
| P4SR 0012.280 | 12 | 280 | 10 |
| P4SR 0015.070 | 15 | 70 | 10 |
| P4SR 0015.140 | 15 | 140 | 10 |
| P4SR 0015.210 | 15 | 210 | 10 |
| P4SR 0015.280 | 15 | 280 | 10 |

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

GRINDING AND POLISHING (with bonded tools)



Polishing sticks, square



- perfect for manual polishing
- further sizes available on request

★★☆

| Description | H mm | B mm | L mm | Pack contains |
|---------------|------|------|------|---------------|
| P4SV 0606.070 | 6 | 6 | 70 | 10 |
| P4SV 0606.140 | 6 | 6 | 140 | 10 |
| P4SV 1010.070 | 10 | 10 | 70 | 10 |
| P4SV 1010.140 | 10 | 10 | 140 | 10 |
| P4SV 1010.210 | 10 | 10 | 210 | 10 |
| P4SV 1212.140 | 12 | 12 | 140 | 10 |
| P4SV 1212.210 | 12 | 12 | 210 | 10 |
| P4SV 1515.070 | 15 | 15 | 70 | 10 |
| P4SV 1515.140 | 15 | 15 | 140 | 10 |
| P4SV 1515.210 | 15 | 15 | 210 | 10 |
| P4SV 1515.280 | 15 | 15 | 280 | 10 |

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

POLISHING GROUP P5

Fibre reinforced for wear resistance

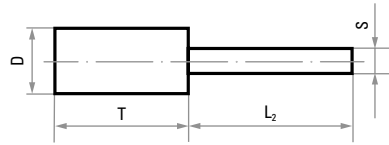
The polishing points in this group are characterised by their special fibre-reinforced structure and bonding. This makes them ideally suited for the fine finishing of non-ferrous metals as well as low- and high-alloy steels. The fibre reinforcement

gives these tools exceptional edge-fray resistance and stability. Polishing points in group P5 are available in the grit sizes shown below, and are identified with a red marking on the shank.

| | | | | |
|---|---------------|---|---|---|
| GRINDING AND POLISHING (with bonded tools) | Product image |  |  |  |
| | Colour | black | pale grey | red |
| | Grit size | 46 | 80 | 120 |



P5 polishing points

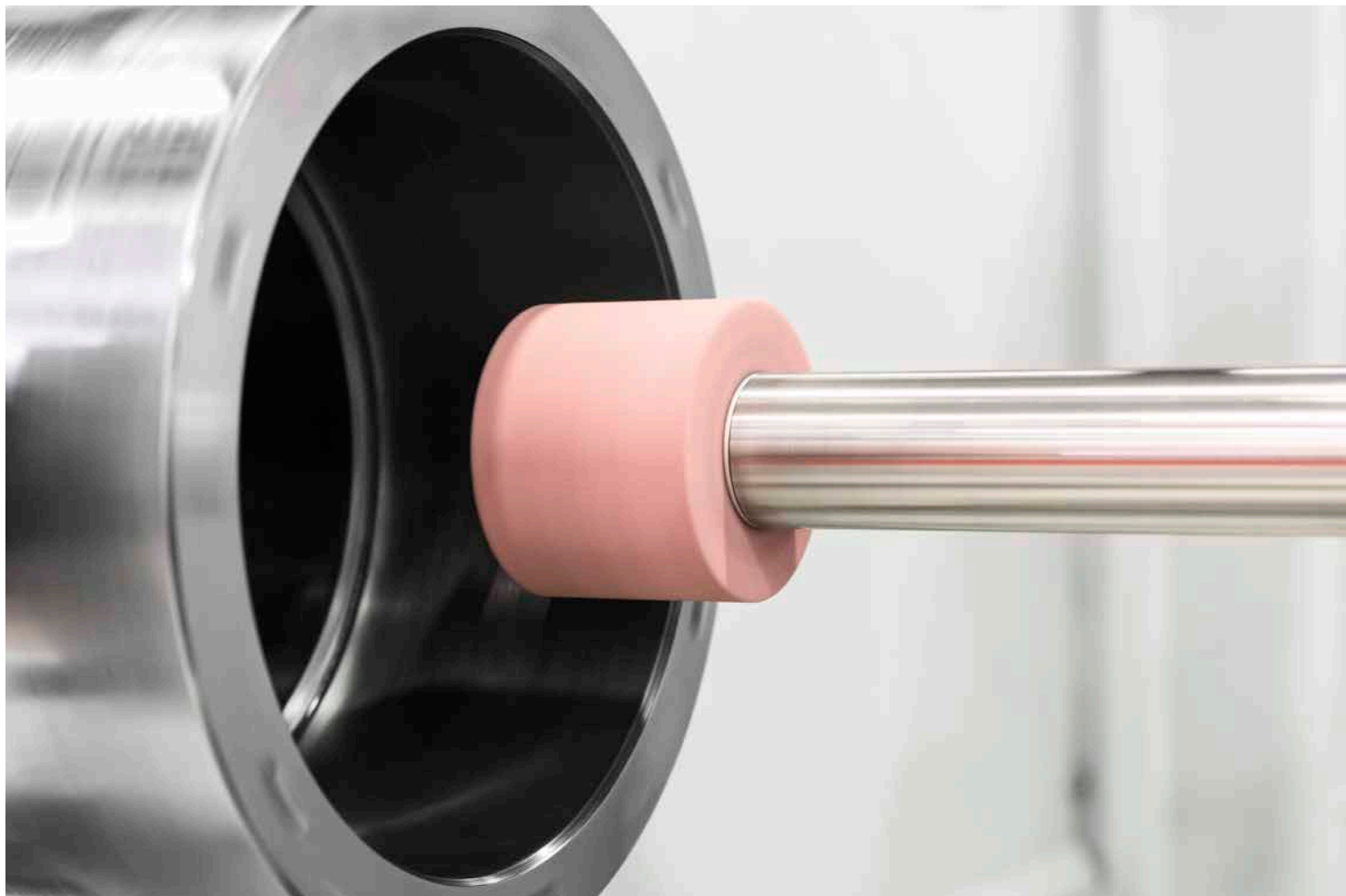


- ideally suited for the fine finishing of non-ferrous metals and low- and high-alloyed steels

★★☆

| Product number | Description | Shape | Grit size | D mm | T mm | S mm | L ₂ mm | Pack contains |
|--------------------|--------------|-------|-----------|------|------|------|-------------------|----------------|
| A2620004083080 | P5ZY 0408.03 | | 80 | 4 | 8 | 3 | 30 | 20 |
| A2620004083120 | P5ZY 0408.03 | | 120 | 4 | 8 | 3 | 30 | 20 |
| A6620004083120001 | P5ZY 0408.03 | | 120 | 4 | 8 | 3 | 60 | 100 NEW |
| A2620005103080 | P5ZY 0510.03 | | 80 | 5 | 10 | 3 | 30 | 20 |
| A6620005103080003 | P5ZY 0510.03 | | 80 | 5 | 10 | 3 | 50 | 100 NEW |
| A2620005103120 | P5ZY 0510.03 | | 120 | 5 | 10 | 3 | 30 | 20 |
| A2620006103080 | P5ZY 0610.03 | | 80 | 6 | 10 | 3 | 30 | 20 |
| A2620006103120 | P5ZY 0610.03 | | 120 | 6 | 10 | 3 | 30 | 20 |
| A2620008103080 | P5ZY 0810.03 | | 80 | 8 | 10 | 3 | 30 | 20 |
| A2620008103120 | P5ZY 0810.03 | | 120 | 8 | 10 | 3 | 30 | 20 |
| A2620008166046 | P5ZY 0816.06 | | 46 | 8 | 16 | 6 | 30 | 10 |
| A2620008166080 | P5ZY 0816.06 | | 80 | 8 | 16 | 6 | 30 | 10 |
| A2620008166120 | P5ZY 0816.06 | | 120 | 8 | 16 | 6 | 40 | 10 |
| A6620008203120001 | P5ZY 0820.03 | | 120 | 8 | 20 | 3 | 100 | 50 NEW |
| A2620010103080 | P5ZY 1010.03 | | 80 | 10 | 10 | 3 | 30 | 20 |
| A2620010103120 | P5ZY 1010.03 | | 120 | 10 | 10 | 3 | 30 | 20 |
| A2620010206046 | P5ZY 1020.06 | | 46 | 10 | 20 | 6 | 40 | 10 |
| A6620010206046001 | P5ZY 1020.06 | | 46 | 10 | 20 | 6 | 100 | 50 NEW |
| A2620010206080 | P5ZY 1020.06 | | 80 | 10 | 20 | 6 | 40 | 10 |
| A2620010206120 | P5ZY 1020.06 | | 120 | 10 | 20 | 6 | 40 | 10 |
| A2620013133120 | P5ZY 1313.03 | | 120 | 13 | 13 | 3 | 30 | 20 |
| A2620013163080 | P5ZY 1316.03 | | 80 | 13 | 16 | 3 | 30 | 20 |
| A2620013206080 | P5ZY 1320.06 | | 80 | 13 | 20 | 6 | 40 | 10 |
| A2620013206120 | P5ZY 1320.06 | | 120 | 13 | 20 | 6 | 40 | 10 |
| A2620016206080 | P5ZY 1620.06 | | 80 | 16 | 20 | 6 | 40 | 10 |
| A2620016206120 | P5ZY 1620.06 | | 120 | 16 | 20 | 6 | 40 | 10 |
| A6620016206120005 | P5ZY 1620.06 | | 120 | 16 | 20 | 6 | 60 | 50 NEW |
| A2620016326046 | P5ZY 1632.06 | | 46 | 16 | 32 | 6 | 40 | 10 |
| A2620016326080 | P5ZY 1632.06 | | 80 | 16 | 32 | 6 | 40 | 10 |
| A2620032326080 | P5ZY 3232.06 | | 80 | 32 | 32 | 6 | 40 | 10 |
| A2620040166120 | P5ZY 4016.06 | | 120 | 40 | 16 | 6 | 40 | 10 NEW |
| A6620005123798 | P5ZY 0513.03 | | 120 | 5 | 12.7 | 3 | 30 | 100 NEW |
| A6620006193798 | P5ZY 0719.03 | | 120 | 6.5 | 19 | 3 | 30 | 100 NEW |
| A6621012206080 | P5SP 1220.06 | | 80 | 12 | 20 | 6 | 40 | 50 NEW |
| A6621016326080 | P5SP 1632.06 | | 80 | 16 | 32 | 6 | 40 | 50 NEW |
| A2621020326080 | P5SP 2032.06 | | 80 | 20 | 32 | 6 | 40 | 10 |
| A2625008083080 | P5KU 0808.03 | | 80 | 8 | 8 | 3 | 30 | 20 |
| A66250131330800001 | P5KU 1313.03 | | 80 | 13 | 13 | 3 | 40 | 50 NEW |
| A6625016166120001 | P5KU 1616.06 | | 120 | 16 | 16 | 6 | 60 | 50 NEW |

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



POLISHING GROUP P6

Polishing with polyurethane bonding

Products in group P6 are manufactured with a polyurethane bond (PU) in different hardnesses.

These tools:

- can be easily profiled
- quickly generate an excellent surface finish
- do not tend to clog
- require no dressing
- contain no softeners
- do not increase in hardness after long storage
- are ideal for both stationary and manual application

These polishing tools are used to improve the surface finish and dimensional accuracy of polishing and finishing steel, brass, precious metals, sintered metals and plastic, as well as for very fine and effect grinding. The spectrum ranges from polishing and marbling points to rolls for satin finishes and polishing wheels measuring 60 to 300 mm in diameter. They can be used for dry and wet grinding. Only use pH-neutral coolant for wet grinding. Use handstones (**page 111**) or diamond dressing tools for dressing.

Due to their long tool life and a good edge-fray resistance, the tools are ideally suited for automated processes such as cylindrical polishing of tubes or marbling of high-alloyed steel plates.

RECOMMENDED FOR

The right polishing tool for every job

Find the perfect tool for your application! Simply find your process and the corresponding material in the table to discover the perfect grit size for your LUKAS P6 polishing tool.

| | Removing rust, cleaning, tarnish removal | | | Cylindrical and surface grinding | | | Sharpening, dressing | | Marbling, dash-dot matting | | Deburring, fettling, rounding off | | | | Fine grinding | | | | Pre-finishing | | | | Polishing | |
|--|--|-----|--------|----------------------------------|--------|------|----------------------|------|----------------------------|-----|-----------------------------------|-----|----|-----|---------------|-----|-----|-----|---------------|-----|-----|----|-----------|-----|
| | MWP | MP | SHP CG | SHP | SHP CG | SHP+ | SHP | SHP+ | WP | MWP | WP | MWP | MP | HP | WP | MWP | MP | HP | WP | MWP | MP | HP | WP | MWP |
| Gold, silver, nickel, aluminium, brass | | | | | | | | | | | | | | 410 | | | | | | | | | 400 | 400 |
| | | | | | | | | | | | | | | | | | | | 240 | 240 | | | 800 | |
| | | | | | | | | | | | | | | | | | 150 | | 150 | | | | 1,200 | |
| | | | | | | | | | | | | | 80 | 80 | | 120 | 120 | | | | | | | |
| | | | | | | | | | | | | 46 | 46 | 46 | | 46 | | | | | | | | |
| Structural steel | | 150 | 120 | | 120 | 36 | | | | | | | | | | | | | | | | | | |
| | 46 | | 60 | | 60 | 30 | | | | | | | | | | | | | | | | | | |
| Stainless steel, titanium | | | | | | | 400 | | | | | | | | | | | | | | | | 400 | 400 |
| | | | | | | | 240 | | | | | | | | | | | | | 240 | 240 | | 800 | 240 |
| | | 150 | | | | | | | | | | | | 150 | | | 150 | | 150 | 150 | | | 1,200 | |
| | | | 120 | | 120 | | 120 | | | | | | | | | 120 | 120 | | 120 | | | | | |
| | | | | | 60 | | 80 | | | 80 | 80 | 80 | | 80 | 80 | 80 | 80 | 80 | | | | | | |
| | | | 60 | | | | | 36 | | 46 | | 46 | | | 46 | 46 | 46 | 46 | | | | | | |
| | | | | | | | | 30 | 24 | | | | | 24 | | | | | | | | | | |
| Hardened steel, tungsten carbide | | | | 240 | | | | | | | | | | | | | | | | | 240 | | 400 | |
| | | | | 150 | | | | | | | | | | | | | | 150 | | | | | 800 | |
| | | | | 120 | 120 | | | | | | | | | | | | | 120 | | | | | 1,200 | |
| | | | | 80 | 60 | 36 | | 36 | | | 80 | | | | | | | | | | | | | |
| | | | | | | 30 | | 30 | | | 46 | | | | | | | | | | | | | |
| Glass | | | | | | | | | | | | | | | | | | | 400 | | | | | |
| | | | | | | | | | | | | | | | | | | 100 | | 240 | | | | |
| | | | | | | | | | | | | | | | | | | 80 | | 150 | | | | |
| | | | | | | | | | | | 80 | | | | | | | 46 | | | | | | |
| Rubber | | | 60 | | | | | | | | | | | | | | | 80 | | | | | | |
| Wood | | | | | | | | | | | | | | | | | 80 | | | | | | | |
| Paint | 46 | 150 | | | | | | | | | | | | | | | | | | | | | | |
| Solder | 240 | | | | 120 | | | | | | | | | | | | | | | | | | | |
| Tin | | | | | | 36 | | | | | | | | | | | | | | | | | | |
| | | | | | | 30 | | | | | | | | | | | 80 | | | | | | | |
| Grit sizes | | | | | | | | | | | | | | | | | | | | | | | | |

GRINDING AND POLISHING
(with bonded tools)

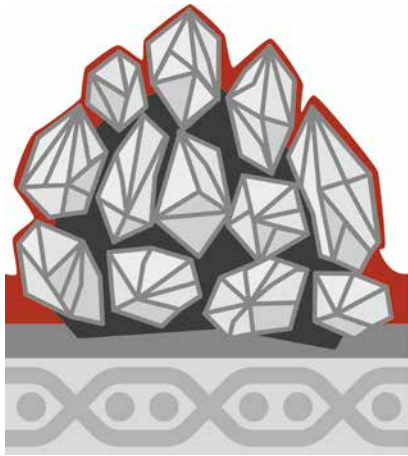
The following grades are available:

- WP** = soft, very flexible
- MWP** = medium to soft
- MP** = medium for general application
- HP** = hard and resilient, mainly for flat surfaces
- SHP** = super hard, for stationary applications
- SHP CG** = super hard, with compact grain
- SHP+** = super hard, for manual applications

The bonding is mixed with silicon carbide "SIC", aluminium oxide white "EKW" or aluminium oxide "A" as abrasive in the FEPA grit sizes 24 to 1,200.

COMPACT GRAIN

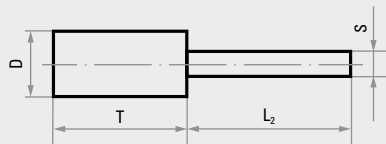
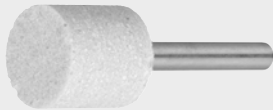
Many cutting edges combined in one grain



The compact grain (CG) consists of many abrasive grains and reactive filler, which are bonded to each other before adding them to the tool. During grinding, individual worn particles break out of the compact grain, exposing the underlying abrasive particles with new, sharp cutting edges. As a result, tools with compact grain do not clog even with softer or smearing materials.

Due to the double adhesive bonding in the compact grain and abrasive layer, the grinding particles adhere better than with just a single adhesive bonding. This means a longer useful life without premature tool changes. The high density of the cutting edges within the compact grain guarantees the very high stock removal rate, while the filler ensures a cool cut.

P6 CG polishing points



- cylindrical polishing point
- creates perfect surfaces on all metals
- long service life and excellent grain usage
- This polishing point is ideally suited to processing difficult-to-access areas on metal parts.
- the perfect addition to the polishing wheel

★★★

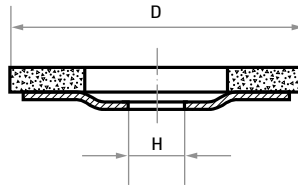
| Product number | Description | Quality/grit size | Type/surface result | D mm | T mm | S mm | L ₂ mm | n _{max} rpm | Pack contains |
|------------------------------|--------------|-------------------|---------------------|------|------|------|-------------------|----------------------|---------------|
| A29300130203B39 | P6ZY 1320.03 | EKW 60 SHP CG | extra coarse | 13 | 20 | 3 | 30 | 117,500 | 10 |
| A29300130203B59 | P6ZY 1320.03 | EKW 120 SHP CG | coarse | 13 | 20 | 3 | 30 | 117,500 | 10 |
| A29300160206B39 | P6ZY 1620.06 | EKW 60 SHP CG | extra coarse | 16 | 20 | 6 | 40 | 95,400 | 10 |
| A69300160206B59 | P6ZY 1620.06 | EKW 120 SHP CG | coarse | 16 | 20 | 6 | 40 | 95,400 | 10 |
| A69300200206B39 | P6ZY 2020.06 | EKW 60 SHP CG | extra coarse | 20 | 20 | 6 | 40 | 76,300 | 10 |
| A29300200206B59 | P6ZY 2020.06 | EKW 120 SHP CG | coarse | 20 | 20 | 6 | 40 | 76,300 | 10 |
| A29300300306B39 | P6ZY 3030.06 | EKW 60 SHP CG | extra coarse | 30 | 30 | 6 | 40 | 50,900 | 10 |
| A69300300306B59 | P6ZY 3030.06 | EKW 120 SHP CG | coarse | 30 | 30 | 6 | 40 | 50,900 | 10 |
| NEW A69300080203059 | P6ZY 0820.03 | SIC 120 SHP | coarse | 8 | 20 | 3 | 40 | 45,000 | 10 |
| NEW A69300130203078 | P6ZY 1320.03 | SIC 240 HP | medium | 13 | 20 | 3 | 30 | 117,000 | 10 |
| NEW A69300160206059 | P6ZY 1620.06 | SIC 120 SHP | coarse | 16 | 20 | 6 | 40 | 95,000 | 10 |
| NEW A6930025020605901 | P6ZY 2520.06 | SIC 120 SHP | coarse | 25 | 20 | 6 | 40 | 50,000 | 10 |

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



P6PT polishing disc, CG quality

- very hard PU bonding
- can be used on a variety of materials
- contains compact grain (CG)
- suitable for removing irregularities and defects before polishing
- produces good surfaces
- incredible tool life



★★★

| Product number | Description | Quality/grit size | Type/surface result | D mm | H mm | n _{max} rpm | Pack contains |
|----------------|-----------------|-------------------|---------------------|------|-------|----------------------|---------------|
| A671611506014 | P6PT 115 (flat) | EKW 60 SHP CG | extra coarse | 115 | 22.23 | 13,300 | 5 |
| A671611512014 | P6PT 115 (flat) | EKW 120 SHP CG | coarse | 115 | 22.23 | 13,300 | 5 |
| A671612506014 | P6PT 125 (flat) | EKW 60 SHP CG | extra coarse | 125 | 22.23 | 12,200 | 5 |
| A671612512014 | P6PT 125 (flat) | EKW 120 SHP CG | coarse | 125 | 22.23 | 12,200 | 5 |

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

The new tools in the P6 Compact Grain series let you remove scratches and irregularities on workpieces, whilst also creating a good surface. This helps you save time and removes the need for annoying tool changes. Their incredible tool life is down to the very hard PU bonding and the compact grain technology. P6 CG tools are perfect for grinding before polishing with other P6 tools with hardness ranging from WP to HP.

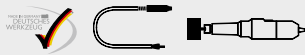
Ideal for:

- cleaning surfaces
- removing scratches
- removing paint and undercoats
- preparing surfaces for polishing

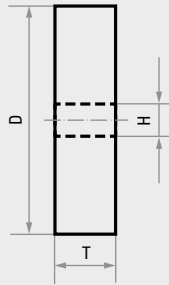


See it in action

GRINDING AND POLISHING
(with bonded tools)



Polishing wheel, shape SE1 CG



★★★

| Product number | Description | Quality/grit size | Type/surface result | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-------------------|------------------|-------------------|---------------------|------|------|------|----------------------|---------------|
| A29100800060B39 | P6SE1 08006 B.06 | EKW 60 SHP CG | extra coarse | 80 | 6 | 6 | 19,000 | 20 |
| A29100800060B59 | P6SE1 08006 B.06 | EKW 120 SHP CG | coarse | 80 | 6 | 6 | 19,000 | 20 |
| A69100850040B5901 | P6SE1 8504 B.10 | EKW 120 SHP CG | coarse | 85 | 4 | 10 | 12,700 | 20 NEW |
| A29101500100B39 | P6SE1 15010 B.25 | EKW 60 SHP CG | extra coarse | 150 | 10 | 25 | 10,100 | 10 |
| A29101500100B59 | P6SE1 15010 B.25 | EKW 120 SHP CG | coarse | 150 | 10 | 25 | 10,100 | 10 |
| A69101500200BD9 | P6SE1 15020 B.20 | EKW 180 SHP CG | coarse | 150 | 20 | 20 | 6,300 | 10 NEW |
| A69101500300BD9 | P6SE1 15030 B.20 | EKW 180 SHP CG | coarse | 150 | 30 | 20 | 6,300 | 4 NEW |
| A29102000200B39 | P6SE1 20020 B.25 | EKW 60 SHP CG | extra coarse | 200 | 20 | 25 | 7,600 | 10 |
| A29102000200B59 | P6SE1 20020 B.25 | EKW 120 SHP CG | coarse | 200 | 20 | 25 | 7,600 | 10 |

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



FROM COARSE TO FINE – THE PERFECT POLISHING SET

TEST THE LUKAS POLISHING DISCS NOW!

The P6PT polishing disc makes improving the surface quality and dimensional accuracy of your workpiece easy. This disc with silicon carbide grinds cool and generates few sparks, making it suitable for use in aerospace engineering. Even hard materials like stone, glass and high-alloyed materials can be processed efficiently. The hard and sharp abrasive grain ensures a long tool life. Whether it's cleaning, grinding or polishing – this LUKAS polishing disc takes care of any job with flying colours. It is perfectly suited for working with a standard controlled angle grinder.

The polishing disc can be used for both wet and dry grinding and requires no additional grinding paste.

Its light, stable and flexible design lets you achieve outstanding surface results. The glass fibre carrier plays no role here. The disc is highly resistant to breakage and generates little vibration when working. Combined with its easy handling, it is ideal for manual use. The P6 group of polishing discs are perfect for quickly processing large metal surfaces.

THE LUKAS POLISHING DISC SET

Get the polishing result you want quickly with the polishing disc set from LUKAS. Simply use the various polishing discs in the set one after another. Go from rusty to a mirror finish quickly and easily with just a few tool changes and one machine.





P6PT polishing disc set



- from rusty to a mirror finish with the LUKAS polishing disc set
- use these tools one after another to achieve the finish you want

★★☆

| Product number | Description | Shape | Quality | D mm | H mm | n _{max} rpm | n _{recom} rpm | Contents 1 per pack | Pack contains |
|----------------|-------------------------------|-------|---------|------|-------|----------------------|------------------------|---------------------|---------------|
| A6700029 | P6PT 100 x 10 B.15 (flat) SET | | P6PT | 100 | 15 | 4,800 | 2,700 | P150, 240, 400, 800 | 1 |
| A6700023 | P6PT 125 (flat) Set | | P6PT | 125 | 22,23 | 4.800 | 2.700 | P150, 240, 400, 800 | 1 |
| A6700024 | P6PT 125 (dished) Set | | P6PT | 125 | 22,23 | 4.800 | 2.700 | P150, 240, 400, 800 | 1 |

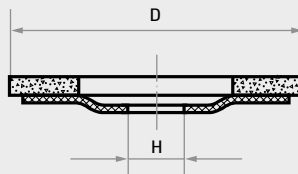
Recommended for: ● Inox/Steel ● Cast material ● Titanium ● Steel ● Aluminium

GRINDING AND POLISHING (with bonded tools)



P6PT polishing discs

- polishing a wide range of surfaces
- cleaning and derusting
- removing paint and coatings
- replaces cloth discs, felt discs and polishing pastes
- for standard controlled angle grinders
- clean working conditions, as no grinding paste is required
- quicker work progress



★★☆

| Product number | Description | Shape overview | Quality | Type/ surface result | D mm | H mm | n _{max} rpm | n _{recom} rpm | Pack contains |
|------------------|-------------------|----------------|-------------|----------------------|------|-------|----------------------|------------------------|---------------|
| A671612515014 | P6PT 125 (flat) | | SIC 150 MP | medium | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671612515014001 | P6PT 125 (flat) | | SIC 150 MWP | medium | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671612524014 | P6PT 125 (flat) | | SIC 240 MWP | fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671612540014 | P6PT 125 (flat) | | SIC 400 WP | very fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671612580014 | P6PT 125 (flat) | | SIC 800 WP | ultra-fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671712515014 | P6PT 125 (dished) | | SIC 150 MP | medium | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671712524014 | P6PT 125 (dished) | | SIC 240 MWP | fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671712540014 | P6PT 125 (dished) | | SIC 400 WP | very fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A671712580014 | P6PT 125 (dished) | | SIC 800 WP | ultra-fine | 125 | 22.23 | 4,800 | 2,700 | 5 |
| A6717125120014 | P6PT 125 (dished) | | SIC 1200 WP | ultra-fine | 125 | 22.23 | 4,800 | 2,700 | 5 |

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



X-LOCK SYSTEM POLISHING DISC SET

THE PERFECT POLISHING SET COUPLED WITH AN INNOVATIVE, KEYLESS MOUNTING SYSTEM

QUICKLY ACHIEVE THE DESIRED POLISH WITH ONE TOOL AND A FEW SIMPLE STEPS

Get the polishing results you want quickly and easily with the P6PT polishing disc set from LUKAS. Thanks to the innovative X-LOCK mounting system for quick tool changes, machining from rust through to a mirror finish is completed in just a few simple steps without changing tools.

CHANGE POLISHING DISCS FASTER AND MORE EASILY

The polishing disc set is perfectly augmented by the innovative and keyless X-LOCK mounting system. (Angle grinder with X-LOCK clamping system required). Changing the discs on the way to achieving a perfect polish is fast and easy. Simply position the disc on the X-LOCK mounting of the angle grinder and let it engage – that's it. The click sound means the disc is securely and safely in place and ready for use. You can now quickly achieve the desired polishing result.

NO SPARKING



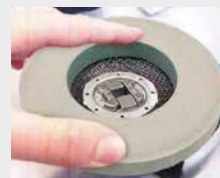
SHARP
ABRASIVE
GRAIN

TOOL CHANGE WITH JUST A CLICK

Change grinding discs with X-LOCK in just seconds.

Pick up the disc, place it on the spindle of the angle grinder with the corresponding X-LOCK mounting system and press lightly until it engages.

A tool change is that fast and easy with the X-LOCK system.





P6PT X-LOCK polishing disc set **NEW**



★★★

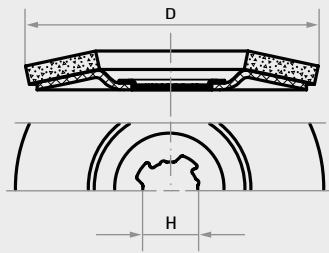
| Product number | Description | Shapes | Quality | D mm | H mm | n _{max} rpm | n _{recom} rpm | Contents 1 per pack | Pack contains |
|----------------|------------------------------|--------|---------|------|--------------|----------------------|------------------------|---------------------|---------------|
| A6700028 | P6PT 125 (dished) X-LOCK set | | P6PT | 125 | X-LOCK/22.23 | 4,800 | 2,700 | P150, 240, 400, 800 | 1 |

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

 GRINDING AND POLISHING
(with bonded tools)


P6PT X-LOCK polishing disc **NEW**

- polishing a wide range of surfaces
- Cleaning, derusting and removal of paint and coatings
- replaces cloth discs, felt discs and polishing pastes
- For standard controlled angle grinder or X-LOCK angle grinder
- Clean working conditions, as no grinding paste is required
- Fast tool changes

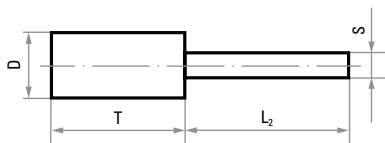
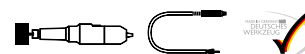


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| Product number | Description | Quality | Type/surface result | D mm | H mm | n _{max} rpm | n _{recom} rpm | Pack contains |
|----------------|--------------------------|------------|---------------------|------|--------------|----------------------|------------------------|---------------|
| A671712515018 | P6PT 125 (dished) X-LOCK | SC 150 MP | medium | 125 | X-LOCK/22.23 | 4,800 | 2,700 | 5 |
| A671712524018 | P6PT 125 (dished) X-LOCK | SC 240 MWP | fine | 125 | X-LOCK/22.23 | 4,800 | 2,700 | 5 |
| A671712540018 | P6PT 125 (dished) X-LOCK | SC 400 WP | very fine | 125 | X-LOCK/22.23 | 4,800 | 2,700 | 5 |
| A671712580018 | P6PT 125 (dished) X-LOCK | SC 800 WP | ultra-fine | 125 | X-LOCK/22.23 | 4,800 | 2,700 | 5 |

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

P6 polishing point



- cylindrical polishing point
- This polishing point is ideally suited to processing difficult-to-access areas on metal parts.
- perfect addition to the polishing wheel

■ Application:

Bores, fillet welds, mould tools

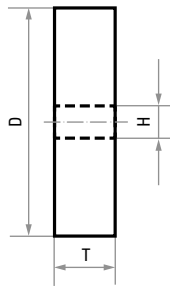


| Product number | Description | Quality/grit size | D mm | T mm | S mm | L ₂ mm | n _{max} rpm | Pack contains |
|-----------------|--------------|-------------------|---------|---------|---------|----------------------|-------------------------|------------------|
| A29300080103048 | P6ZY 0810.03 | SIC 80 HP | 8 | 10 | 3 | 30 | 76,300 | 10 |
| A29300080103068 | P6ZY 0810.03 | SIC 150 HP | 8 | 10 | 3 | 30 | 76,300 | 10 |
| A29300080103078 | P6ZY 0810.03 | SIC 240 HP | 8 | 10 | 3 | 30 | 76,300 | 10 |
| A29300080163048 | P6ZY 0816.03 | SIC 80 HP | 8 | 16 | 3 | 30 | 76,300 | 10 |
| A29300080163068 | P6ZY 0816.03 | SIC 150 HP | 8 | 16 | 3 | 30 | 76,300 | 10 |
| A29300080163078 | P6ZY 0816.03 | SIC 240 HP | 8 | 16 | 3 | 30 | 76,300 | 10 |
| A29300100103048 | P6ZY 1010.03 | SIC 80 HP | 10 | 10 | 3 | 30 | 61,100 | 10 |
| A29300100103068 | P6ZY 1010.03 | SIC 150 HP | 10 | 10 | 3 | 30 | 61,100 | 10 |
| A29300100103078 | P6ZY 1010.03 | SIC 240 HP | 10 | 10 | 3 | 30 | 61,100 | 10 |
| A29300100203048 | P6ZY 1020.03 | SIC 80 HP | 10 | 20 | 3 | 30 | 61,100 | 10 |
| A29300100203068 | P6ZY 1020.03 | SIC 150 HP | 10 | 20 | 3 | 30 | 61,100 | 10 |
| A29300100203078 | P6ZY 1020.03 | SIC 240 HP | 10 | 20 | 3 | 30 | 61,100 | 10 |
| A29300130203048 | P6ZY 1320.03 | SIC 80 HP | 13 | 20 | 3 | 30 | 47,000 | 10 |
| A29300160203028 | P6ZY 1620.03 | SIC 46 HP | 16 | 20 | 3 | 30 | 38,100 | 10 |
| A29300160203048 | P6ZY 1620.03 | SIC 80 HP | 16 | 20 | 3 | 30 | 38,100 | 10 |
| A29300160203068 | P6ZY 1620.03 | SIC 150 HP | 16 | 20 | 3 | 30 | 38,100 | 10 |
| A29300160203078 | P6ZY 1620.03 | SIC 240 HP | 16 | 20 | 3 | 40 | 38,100 | 10 |
| A69300160203094 | P6ZY 1620.03 | SIC 400 MP | 16 | 20 | 3 | 40 | 29,800 | 10 |
| A693001602030H0 | P6ZY 1620.03 | SIC 800 WP | 16 | 20 | 3 | 40 | 19,000 | 10 |
| A29300200206028 | P6ZY 2020.06 | SIC 46 HP | 20 | 20 | 6 | 40 | 30,500 | 10 |
| A29300200206068 | P6ZY 2020.06 | SIC 150 HP | 20 | 20 | 6 | 40 | 30,500 | 10 |
| A69300200306044 | P6ZY 2030.06 | SIC 80 MP | 20 | 30 | 6 | 40 | 23,800 | 10 |
| A29300250206048 | P6ZY 2520.06 | SIC 80 HP | 25 | 20 | 6 | 40 | 24,400 | 10 |
| A29300300306028 | P6ZY 3030.06 | SIC 46 HP | 30 | 30 | 6 | 40 | 20,300 | 10 |
| A29300300306068 | P6ZY 3030.06 | SIC 150 HP | 30 | 30 | 6 | 40 | 20,300 | 10 |
| A29300300306078 | P6ZY 3030.06 | SIC 240 HP | 30 | 30 | 6 | 40 | 20,300 | 10 |
| A69300400306078 | P6ZY 4030.06 | SIC 240 HP | 40 | 30 | 6 | 40 | 15,200 | 10 |
| A29300400406028 | P6ZY 4040.06 | SIC 46 HP | 40 | 40 | 6 | 40 | 15,200 | 10 |
| A69300400406048 | P6ZY 4040.06 | SIC 80 HP | 40 | 40 | 6 | 40 | 15,200 | 10 |
| A69300400406064 | P6ZY 4040.06 | SIC 150 MP | 40 | 40 | 6 | 40 | 11,900 | 10 |
| A29300400406068 | P6ZY 4040.06 | SIC 150 HP | 40 | 40 | 6 | 40 | 15,200 | 10 |
| A69300400406091 | P6ZY 4040.06 | SIC 400 MWP | 40 | 40 | 6 | 40 | 9,500 | 10 |
| A29300500406028 | P6ZY 5040.06 | SIC 46 HP | 50 | 40 | 6 | 40 | 12,200 | 10 |
| A29300500406068 | P6ZY 5040.06 | SIC 150 HP | 50 | 40 | 6 | 40 | 12,200 | 10 |
| A29300600406028 | P6ZY 6040.06 | SIC 46 HP | 60 | 40 | 6 | 40 | 10,100 | 10 |
| A29300600406068 | P6ZY 6040.06 | SIC 150 HP | 60 | 40 | 6 | 40 | 10,100 | 10 |

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



Polishing wheel, shape SE1



These polishing wheels are available from stock with a soft to very hard bonding in grit sizes 46 to 400. Further qualities in grit sizes 8 to 1,200 are available as special tools.

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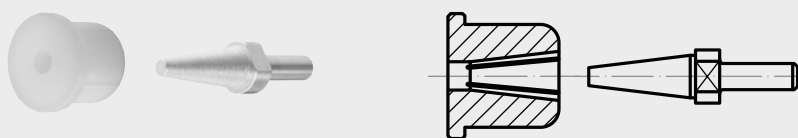
| Product number | Description | Quality / grit size | D mm | T mm | H mm | n_{max} rpm | Pack contains | |
|--------------------|--------------------|---------------------|------|------|------|---------------|---------------|-----|
| A29100600060041 | P6SE1 06006 B.06 | SIC 80 MWP | 60 | 6 | 6 | 6,300 | 1 | |
| A69101000050068 | P6SE1 10005 B.25 | SIC 150 HP | 100 | 5 | 25 | 6,100 | 10 | NEW |
| A29101000100041 | P6SE1 10010 B.25 | SIC 80 MWP | 100 | 10 | 25 | 3,800 | 1 | |
| A6910100015002801 | P6SE1 10015 B.25.4 | SIC 46 HP | 100 | 15 | 25.4 | 6,100 | 5 | NEW |
| A29101000200021 | P6SE1 10020 B.25 | SIC 46 MWP | 100 | 20 | 25 | 3,800 | 1 | |
| A29101000200041 | P6SE1 10020 B.25 | SIC 80 MWP | 100 | 20 | 25 | 3,800 | 1 | |
| A29101000200061 | P6SE1 10020 B.25 | SIC 150 MWP | 100 | 20 | 25 | 3,800 | 1 | |
| A69101000200071 | P6SE1 10020 B.25 | SIC 240 MWP | 100 | 20 | 25 | 3,800 | 5 | NEW |
| A29101000200091 | P6SE1 10020 B.25 | SIC 400 MWP | 100 | 20 | 25 | 3,800 | 1 | |
| A29101250100041 | P6SE1 12510 B.25 | SIC 80 MWP | 125 | 10 | 25 | 3,000 | 1 | |
| A29101250100061 | P6SE1 12510 B.25 | SIC 150 MWP | 125 | 10 | 25 | 3,000 | 1 | |
| A69101250100091 | P6SE1 12510 B.25 | SIC 400 MWP | 125 | 10 | 25 | 3,000 | 10 | NEW |
| A29101250200041 | P6SE1 12520 B.25 | SIC 80 MWP | 125 | 20 | 25 | 3,000 | 1 | |
| A29101250200061 | P6SE1 12520 B.25 | SIC 150 MWP | 125 | 20 | 25 | 3,000 | 1 | |
| A69101500080048 | P6SE1 15008 B.20 | SIC 80 HP | 150 | 8 | 20 | 4,000 | 10 | NEW |
| A6910150010005801 | P6SE1 15010 B.25 | SIC 120 HP | 150 | 10 | 25 | 4,000 | 10 | NEW |
| A29101500100061 | P6SE1 15010 B.25 | SIC 150 MWP | 150 | 10 | 25 | 2,500 | 1 | |
| A29101500100069 | P6SE1 15010 B.25 | SIC 150 SHP | 150 | 10 | 25 | 4,000 | 1 | |
| A29101500150059 | P6SE1 15015 B.20 | SIC 120 SHP | 150 | 15 | 20 | 4,000 | 1 | |
| A69101500200021 | P6SE1 15020 B.25 | SIC 46 MWP | 150 | 20 | 25 | 2,500 | 5 | NEW |
| A29101500200040 | P6SE1 15020 B.25 | SIC 80 WP | 150 | 20 | 25 | 2,000 | 1 | |
| A29101500200041 | P6SE1 15020 B.25 | SIC 80 MWP | 150 | 20 | 25 | 2,500 | 1 | |
| A29101500200061 | P6SE1 15020 B.25 | SIC 150 MWP | 150 | 20 | 25 | 2,500 | 1 | |
| A691015002000D0 | P6SE1 15020 B.25 | SIC 180 WP | 150 | 20 | 25 | 2,000 | 5 | NEW |
| A29101500250021 | P6SE1 15025 B.20 | SIC 46 MWP | 150 | 25 | 20 | 2,500 | 1 | |
| A29101500250040 | P6SE1 15025 B.25 | SIC 80 WP | 150 | 25 | 25 | 2,000 | 1 | |
| A69101500250054 | P6SE1 15025 B.20 | SIC 120 MP | 150 | 25 | 20 | 3,100 | 5 | NEW |
| A29101500250061 | P6SE1 15025 B.25 | SIC 150 MWP | 150 | 25 | 25 | 2,500 | 1 | |
| A29101500250074 | P6SE1 15025 B.20 | SC 240 MP | 150 | 25 | 20 | 3,100 | 1 | |
| A6910150025007402 | P6SE1 15025 B.20 | SIC 240 MP | 150 | 25 | 20 | 3,100 | 10 | NEW |
| A6910150030000101 | P6SE1 15030 B.20 | SIC 16 MWP | 150 | 30 | 20 | 2,500 | 4 | NEW |
| A691015005000001 | P6SE1 15050 B.20 | SIC 16 MWP | 150 | 50 | 20 | 2,500 | 2 | NEW |
| A691015005000051 | P6SE1 15050 B.20 | SIC 120 MWP | 150 | 50 | 20 | 2,500 | 2 | NEW |
| A69101500500007101 | P6SE1 15050 B.20 | SIC 240 MWP | 150 | 50 | 20 | 2,500 | 2 | NEW |
| A69101500500007401 | P6SE1 15050 B.20 | SIC 240 MP | 150 | 50 | 20 | 3,100 | 10 | NEW |
| A69102000080048 | P6SE1 20008 B.20 | SIC 80 HP | 200 | 8 | 20 | 3,000 | 10 | NEW |
| A6910200008004801 | P6SE1 20008 B.25 | SIC 80 HP | 200 | 8 | 25 | 3,000 | 10 | NEW |

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

GRINDING AND POLISHING
(with bonded tools)

| | Product number | Description | Quality/grit size | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|--|-------------------|--------------------|-------------------|---------|---------|---------|-------------------------|------------------|
| NEW | A69102000100028 | P6SE1 20010 B.25.4 | SIC 46 HP | 200 | 10 | 25.4 | 3,000 | 10 |
| NEW | A69102000100068 | P6SE1 20010 B.25 | SIC 150 HP | 200 | 10 | 25 | 3,000 | 10 |
| NEW | A6910200011008001 | P6SE1 20011 B.30 | SIC 320 WP | 200 | 11 | 30 | 1,500 | 10 |
| NEW | A691020001300C8 | P6SE1 20013 B.13 | SIC 70 HP | 200 | 13 | 13 | 3,000 | 5 |
| NEW | A69102000200068 | P6SE1 20020 B.25 | SIC 150 HP | 200 | 20 | 25 | 3,000 | 5 |
| NEW | A69102000220064 | P6SE1 20022 B.25 | SIC 150 MP | 200 | 22 | 25 | 2,400 | 4 |
| NEW | A69102000250004 | P6SE1 20025 B.20 | SIC 16 MP | 200 | 25 | 20 | 2,400 | 4 |
| NEW | A691020002500C8 | P6SE1 20025 B.51 | SIC 70 HP | 200 | 25 | 51 | 3,000 | 4 |
| | A29102000250041 | P6SE1 20025 B.25 | SIC 80 MWP | 200 | 25 | 25 | 1,900 | 1 |
| | A29102000250061 | P6SE1 20025 B.25 | SIC 150 MWP | 200 | 25 | 25 | 1,900 | 1 |
| NEW | A69102000380061 | P6SE1 20038 B.76.2 | SIC 150 MWP | 200 | 38 | 76.2 | 1,900 | 2 |
| NEW | A69102500250028 | P6SE1 25025 B.32 | SIC 46 HP | 250 | 25 | 32 | 2,400 | 6 |
| NEW | A6910250020006101 | P6SE1 25020 B.32 | SIC 150 MWP | 250 | 20 | 32 | 1,500 | 6 |
| NEW | A6911300060006801 | P6SE1 30060 B.51 | SIC 150 HP | 300 | 60 | 51 | 2,000 | 2 |
| Recommended for: ● Inox/Steel ● Cast material ● Titanium ● Steel ● Aluminium | | | | | | | | |

Mounting system for polishing wheels



The mounting system for SE1 polishing wheels is suitable for the sizes 10010 B.25 and 10020 B.25 only. Do not use this system to mount larger polishing wheels. The maximum cutting speed for this mounting system is 10 m/s. This corresponds to a maximum speed of 1,900 rpm for a wheel diameter of 100 mm.

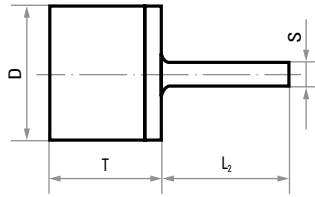
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| Product number | Description | Content | Pack contains |
|----------------|---------------------------|---|------------------|
| A6981008000 | Mounting system MCA + K25 | Plastic sleeve (MCA) and mounting mandrel with 8 mm shank (K25) | 1 |



Marbling point

- cylindrical marbling point
- LUKAS marbling points let you marble non-rusting steels, aluminium and non-ferrous metal (peacock eye, clouds). The marbling points do not clog with abrasive dust and their abrasive capability is retained all the way to the plastic cap.



★★☆

| Product number | Description | Quality/grit size | D mm | T mm | S mm | L ₂ mm | n _{max} rpm | Pack contains |
|-----------------|-----------------|-------------------|------|------|------|-------------------|----------------------|---------------|
| A29200200306021 | P6MA ZY 2030.06 | SIC 46 MWP | 20 | 30 | 6 | 35 | 9,500 | 1 |
| A29200300306021 | P6MA ZY 3030.06 | SIC 46 MWP | 30 | 30 | 6 | 35 | 6,300 | 1 |
| A69200300306021 | P6MA ZY 3030.06 | SIC 46 MWP | 30 | 30 | 6 | 35 | 6,300 | 50 NEW |
| A29200400306046 | P6MA ZY 4030.06 | SIC 46 MWP | 40 | 30 | 6 | 35 | 4,700 | 1 |
| A69200400306024 | P6MA ZY 4030.06 | SICDKL 46 MP | 40 | 30 | 6 | 35 | 4,700 | 10 NEW |
| A29200500306046 | P6MA ZY 5030.06 | SIC 46 MWP | 50 | 30 | 6 | 35 | 3,800 | 1 |
| A29200500306034 | P6MA ZY 5030.06 | SIC 60 MP | 50 | 30 | 6 | 35 | 3,800 | 1 |
| A69200500306034 | P6MA ZY 5030.06 | SIC 60 MP | 50 | 30 | 6 | 35 | 3,800 | 30 NEW |
| A29200600306046 | P6MA ZY 6030.06 | SIC 46 MWP | 60 | 30 | 6 | 35 | 3,100 | 1 |

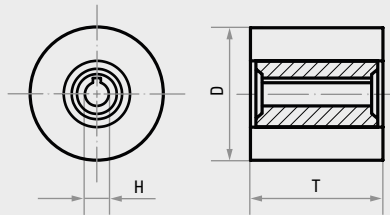
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Titanium

GRINDING AND POLISHING (with bonded tools)



P6PW polishing roll

- P6PW polishing roll for the conditioning machine.
- for perfectly brushed or dash-dot matted surfaces



★★☆

| Product number | Description | Quality/grit size | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|-------------------|------|------|------|----------------------|---------------|
| A29401000500041 | P6PW 100050 | SIC 80 MWP | 100 | 50 | 19 | 3,000 | 1 |
| A29401001000011 | P6PW 100100 | SIC 24 MWP | 100 | 100 | 19 | 3,000 | 1 |
| A29401001000020 | P6PW 100100 | SIC 46 WP | 100 | 100 | 19 | 3,000 | 1 |
| A29401001000021 | P6PW 100100 | SIC 46 MWP | 100 | 100 | 19 | 3,000 | 1 |
| A69401001000031 | P6PW 100100 | SIC 60 MWP | 100 | 100 | 19 | 3,000 | 1 NEW |
| A29401001000040 | P6PW 100100 | SIC 80 WP | 100 | 100 | 19 | 3,000 | 1 |
| A29401001000041 | P6PW 100100 | SIC 80 MWP | 100 | 100 | 19 | 3,000 | 1 |
| A69401001000061 | P6PW 100100 | SIC 150 MWP | 100 | 100 | 19 | 3,000 | 1 NEW |

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

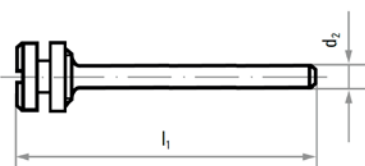
POLISHING GROUP P7

Fine processing with no compromises



LUKAS polishing points, wheels and lenses are specially designed for fine mechanics and laboratory work. But with their soft elastomer bonding, these tools are also a valuable aid in other areas such as pattern construction or jew-

ellery. Available in tiny sizes and a wide range of shapes, they make it possible to machine even the finest workpieces and textures.

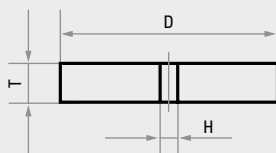
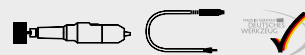
NEW Tool holder for small discs

★★☆

■ for mounting small grinding discs

| Product number | Description | Disc holder | d ₁ mm | d ₂ mm | Pack contains |
|----------------|-------------|-------------|----------------------|----------------------|------------------|
| A6982003005 | Mandrel 05 | 3b | 5 | 3 | 1 |
| A6982003008 | Mandrel 08 | 4b | 8 | 3 | 1 |

Polishing wheel and lens made from soft elastomer



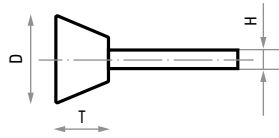
★★☆

| | Product number | Description | Quality | Shape | D mm | T mm | H mm | Pack contains |
|------------|-------------------|-------------|----------------|-------|---------|---------|---------|------------------|
| NEW | A6678012020494 | P4- R12 | SIC 80 hard | | 12 | 2 | 1.8 | 100 |
| NEW | A6678022040452003 | P4- R22 | SIC 150 medium | | 22 | 4 | 1.8 | 100 |
| NEW | A6678022040452001 | P4- R22 | SIC 240 medium | | 22 | 4 | 1.8 | 100 |
| NEW | A6950000103007 | P7- R17 | SICGR 240 | | 17 | 2 | 1.8 | 100 |
| NEW | A69510R2200007L | P7- R22 | SICDKL 240 | | 22 | 3.2 | 1.8 | 100 |
| | A2950000101007 | P7- R22 | SICGR 240 | | 22 | 3.5 | 1.8 | 100 |
| NEW | A6950000101007003 | P7- R22 | SICGR 240 | | 22 | 4 | 1.8 | 100 |
| NEW | A6950000107007 | P7- L12 | SICGR 240 | | 12 | 1.5 | 1.8 | 100 |
| NEW | A6950000106006001 | P7- L15 | SICGR 240 | | 15 | 2.4 | 1.8 | 1,000 |
| NEW | A6950000106007 | P7- L15 | SICGR 240 | | 15 | 2.4 | 1.8 | 100 |
| NEW | A69510L2200007L | P7- L22 | SICDKL 240 | | 21.8 | 3 | 1.8 | 100 |
| | A2950000105007 | P7- L22 | SICGR 240 | | 22 | 3.4 | 1.8 | 100 |

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



Small soft elastomer polishing points NEW



- The small polishing points have a shank diameter of 2.35 mm.

★★☆

| Product number | Description | Shapes | Quality | D mm | T mm | H mm | Pack contains |
|-------------------|-------------|--------|-----------|------|------|------|---------------|
| A6950000148207001 | P7-148 M | | SICGR 240 | 9 | 6 | 2.35 | 100 |
| A6950000150207001 | P7-150 M | | SICGR 240 | 9 | 6 | 2.35 | 100 |
| A6950000112007 | P7-T12 M | | SICGR 240 | 11.5 | 6.5 | 1.8 | 100 |
| A6950000114007 | P7- N12 | | SICGR 240 | 11.5 | 6.5 | 1.8 | 100 |
| A6950000116007001 | P7- S6 | | SICGR 240 | 5.8 | 27.5 | 1.8 | 100 |

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

 GRINDING AND POLISHING
(with bonded tools)


Assortment of small soft elastomer polishing points



- The small polishing points have a shank diameter of 2.35 mm.

★★☆

| Product number | Description | Quality | Content | Shank mm | Pack contains |
|-----------------|------------------|-----------|----------|----------|---------------|
| A29551301582077 | P7Sort. 130-158M | SICGR 240 | 12 parts | 2.35 | 1 |

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

CBN/DIAMOND TOOLS

Let LUKAS experts develop your perfect precision tool

GENERAL

Diamond is the hardest and cubic boron nitride (CBN) is among the hardest materials known to man. Their excellent hardness makes them highly effective abrasives that have become an essential part of modern precision machining. Diamond grains "D" are available as both natural and synthetic products, while grains made from CBN "B" are entirely synthetic.

Due to the complex syntheses and natural scarcity, diamond and CBN grains are much more expensive than conventional abrasives. But their incredible hardness makes them far superior and essential for many applications. Super-abrasive tools are particularly economical when used in large-scale series production and for the manufacture of premium individual workpieces. The diagram below shows a comparison of the micro-hardnesses of various abrasives.

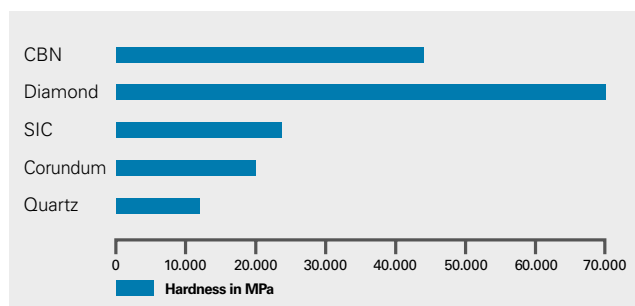
Diamond tools are suitable for processing a wide range of materials, including hard substances like carbides, ceramic, glass, carbon and glass-fibre-reinforced plastics (CFRP and GFRP), and even diamond itself. They can also be used to economically process several plastics and even rubber. CBN is used to process hardened steels. Our expert team will be happy to help find the abrasive that's right for you.

HARDNESS

These ultra-hard abrasives are much more expensive than conventional products, but offer much greater performance in optimised production processes due to their extreme hardness. This helps to significantly reduce costs.

Micro-hardness

The diagram below clearly shows the extreme differences in micro-hardness.



BOND

We offer our customers ultra-hard grinding wheels in a range of bonds. We will be happy to help find the right bond for you.

Vitrified bond

The abrasive grains in these tools are bonded using a ceramic matrix. These high-performance tools are ideal for achieving the best surface qualities. Their very low dressing rates and consistent abrasive coating give them a very long tool life, helping to keep production costs down. We produce these grinding wheels in a variety of sizes and structures, so that we can offer the right tool to every customer (more information on [page 147](#)).

Electro-plated

On electro-plated tools, the abrasive grains are galvanically nickel plated to bind them to the surface of a metallic body. Tools produced in this way usually cost less and can be produced in a variety of special shapes and profiles. As both the body and bond are made from metal, they offer outstanding heat conductivity in grinding processes. Electro-plating is also possible with very coarse grains. These tools are suitable for manual use and dry grinding. We recommend using cutting fluids to extend the tool life, however. To help keep costs down, we can recoat worn tools for our customers. This is a particularly economical option when using large or complex tool bodies (suitable tools can be found on [pages 148–150](#)).

VACUUM-BRAZED TOOLS

Alongside vacuum-brazed cutting discs, we offer our customers a wide range of special solutions and shapes on request to help them meet their specific requirements. This ultra-hard coating delivers extreme profile retention and long tool life.

GRAIN

As well as physical and chemical properties, the design of the individual grain determines the type of grain to be used. Our expert team can choose the right abrasive grains to develop the right tool for your needs.

Unlike conventional abrasive particles, the grain size for diamond and CBN is indicated in micrometres rather than US Standard Mesh, as per ISO 6106 and FEPA.

Therefore, always remember: **the smaller the number, the finer the grain size – the larger the number, the coarser the grain size.**

The adjacent table shows a comparison of the various sizes measurements.

When selecting the grain size, always bear in mind that ultra-hard abrasives always achieve a higher surface roughness than conventional abrasives due to their extremely low grain wear.

Grain size ranges as per ISO 6106/
FEPA and US standard

| CBN | Diamond | Grain size µm | US Standard Mesh |
|-------|---------|------------------|---------------------|
| B 46 | D 46 | 38–45 | 325/400 |
| B 54 | D 54 | 45–53 | 270/325 |
| B 64 | D 64 | 53–63 | 230/270 |
| B 76 | D 76 | 63–75 | 200/230 |
| B 91 | D 91 | 75–90 | 170/200 |
| B 107 | D 107 | 90–106 | 140/170 |
| B 126 | D 126 | 106–125 | 120/140 |
| B 151 | D 151 | 125–150 | 100/120 |
| B 181 | D 181 | 150–180 | 80/100 |
| B 213 | D 213 | 180–212 | 70/80 |
| B 251 | D 251 | 212–250 | 60/70 |

VITRIFIED-BONDED CBN/DIAMOND TOOLS

Reliable tool solutions

QUALITIES

Vitrified-bonded tools are perfect for use in machine-aided large series production processes. They can achieve good and reproducible surface qualities reliably. Thanks to their extreme tool life and low dressing rates, these tools allow users to extend service intervals and save production costs. Our vitrified-bonded diamond and CBN precision tools are defined through a range of parameters, including the choice of abrasive particle, the vitrified bond and its porosity, as well as the suitable shanks. Our expert team will be happy to advise you and help develop the perfect solution for your needs, making use of our years of experience in developing abrasives and in supporting large series production processes.

SHANKS

We recommend carbide shanks for our range of diamond and CBN mounted points with vitrified bond, as the elasticity module (E-module) of carbide is three times higher than that of steel. This elasticity module determines how much a body deforms under force. As the carbide shank has a higher E-module value, the tool deformation is kept to a minimum when it is exposed to grinding forces.



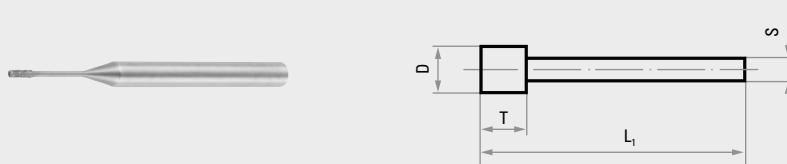
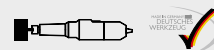
QUALITY SELECTION

All vitrified-bonded diamond tools have a LUKAS quality code that determines the entire composition. Only after analysing the application data can our specialists recommend the correct tool.

The choice of quality is the decisive step to achieving the perfect result. Varying the quality allows users to influence the hardness and porosity of the grinding wheel. This has a direct impact on process parameters such as removal speed, tool life and surface quality.

We will be happy to advise you to help you find the right quality.

Diamond mounted point, electro-plated

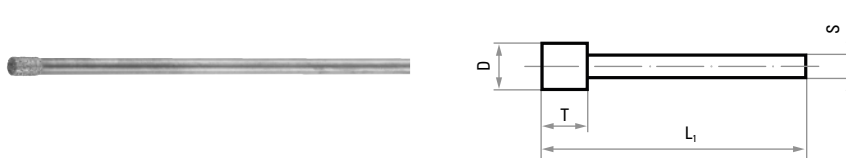
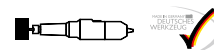


★★☆

| Product number | Description | Shapes | Grain size | D mm | T mm | S mm | L ₁ mm | Pack contains |
|----------------|-------------|--------|------------|------|------|------|-------------------|---------------|
| A34013050126 | DS 01003 | | D 126 | 1 | 3 | 3 | 40 | 1 |
| A34013051126 | DS 01503 | | D 126 | 1.5 | 3 | 3 | 40 | 1 |
| A34013052126 | DS 02005 | | D 126 | 2 | 5 | 3 | 40 | 1 |
| A34013053126 | DS 02505 | | D 126 | 2.5 | 5 | 3 | 40 | 1 |
| A34013054126 | DS 03005 | | D 126 | 3 | 5 | 3 | 40 | 1 |
| A3401305412601 | DS 03505 | | D 126 | 3.5 | 5 | 3 | 40 | 1 |
| A34013055126 | DS 04005 | | D 126 | 4 | 5 | 3 | 40 | 1 |
| A3401305512601 | DS 04505 | | D 126 | 4.5 | 5 | 3 | 40 | 1 |
| A34013056126 | DS 05006 | | D 126 | 5 | 6 | 3 | 40 | 1 |
| A34013057126 | DS 06007 | | D 126 | 6 | 7 | 3 | 40 | 1 |
| A34013058126 | DS 08010 | | D 126 | 8 | 10 | 6 | 60 | 1 |
| A34013059126 | DS 10010 | | D 126 | 10 | 10 | 6 | 60 | 1 |
| A34013060126 | DS 12015 | | D 126 | 12 | 15 | 6 | 60 | 1 |
| A34013090126 | DSK 02020 | | D 126 | 2 | – | 3 | 40 | 1 |
| A34013091126 | DSK 03030 | | D 126 | 3 | – | 3 | 40 | 1 |
| A34013092126 | DSK 04040 | | D 126 | 4 | – | 3 | 40 | 1 |
| A34013093126 | DSK 05050 | | D 126 | 5 | – | 3 | 40 | 1 |
| A34013094126 | DSK 06060 | | D 126 | 6 | – | 3 | 40 | 1 |
| A34013095126 | DSK 08080 | | D 126 | 8 | – | 6 | 60 | 1 |

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

Full-carbide diamond mounted point, electro-plated



★★☆

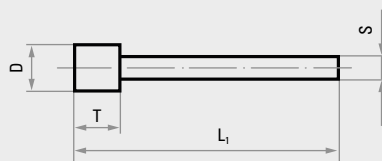
■ Cylindrical diamond mounted point

| Product number | Description | Grain size | D mm | T mm | S mm | L ₁ mm | Pack contains |
|----------------|-------------|------------|------|------|------|-------------------|---------------|
| A340202305126 | DSH 02303 | D 126 | 2.3 | 3 | 2 | 75 | 1 |
| A340203303126 | DSH 03304 | D 126 | 3.3 | 4 | 3 | 75 | 1 |
| A340204305126 | DSH 04305 | D 126 | 4.3 | 5 | 4 | 75 | 1 |
| A340206307126 | DSH 06307 | D 126 | 6.3 | 7 | 6 | 75 | 1 |
| A340208310126 | DSH 08310 | D 126 | 8.3 | 10 | 8 | 75 | 1 |
| A340210310126 | DSH 10310 | D 126 | 10.3 | 10 | 10 | 75 | 1 |

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



CBN mounted point, electro-plated



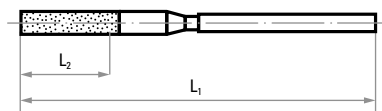
★★☆

| Product number | Description | Shape | Grain size | D mm | T mm | S mm | L ₁ mm | Pack contains |
|----------------|-------------|-------|------------|------|------|------|-------------------|---------------|
| A34033050126 | CS 01003 | | B 126 | 1 | 3 | 3 | 40 | 1 |
| A34033051126 | CS 01503 | | B 126 | 1.5 | 3 | 3 | 40 | 1 |
| A34033052126 | CS 02005 | | B 126 | 2 | 5 | 3 | 40 | 1 |
| A34033053126 | CS 02505 | | B 126 | 2.5 | 5 | 3 | 40 | 1 |
| A34033054126 | CS 03005 | | B 126 | 3 | 5 | 3 | 40 | 1 |
| A3403305412601 | CS 03505 | | B 126 | 3.5 | 5 | 3 | 40 | 1 |
| A34033055126 | CS 04005 | | B 126 | 4 | 5 | 3 | 40 | 1 |
| A3403305512601 | CS 04505 | | B 126 | 4.5 | 5 | 3 | 40 | 1 |
| A34033056126 | CS 05006 | | B 126 | 5 | 6 | 3 | 40 | 1 |
| A34033057126 | CS 06007 | | B 126 | 6 | 7 | 3 | 40 | 1 |
| A34033058126 | CS 08010 | | B 126 | 8 | 10 | 6 | 60 | 1 |
| A34033059126 | CS 10010 | | B 126 | 10 | 10 | 6 | 60 | 1 |
| A34033060126 | CS 12015 | | B 126 | 12 | 15 | 6 | 60 | 1 |
| A34033090126 | CSK 0202 | | B 126 | 2 | – | 3 | 40 | 1 |
| A34033091126 | CSK 0303 | | B 126 | 3 | – | 3 | 40 | 1 |
| A34033092126 | CSK 0404 | | B 126 | 4 | – | 3 | 40 | 1 |
| A34033093126 | CSK 0505 | | B 126 | 5 | – | 3 | 40 | 1 |
| A34033094126 | CSK 0606 | | B 126 | 6 | – | 3 | 40 | 1 |
| A34033095126 | CSK 0808 | | B 126 | 8 | – | 6 | 60 | 1 |

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

GRINDING AND POLISHING
(with bonded tools)

Diamond file for manual filing machines, electro-plated



★★☆

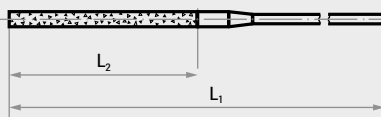
| Product number | Description | Shapes | Shape | Grain size | Cross section mm | L ₂ mm | L ₁ mm | Pack contains |
|----------------|-------------|--------|-------|------------|------------------|-------------------|-------------------|---------------|
| A34003122126 | DF 3122 | | flat | D 126 | 4 x 1 | 15 | 50 | 1 |
| A34003130126 | DF 3130 | | round | D 126 | 4 | 15 | 50 | 1 |

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







PERFORM FINE WORK PRECISELY

PERFECT EVERY DETAIL WITH LUKAS DIAMOND FILES

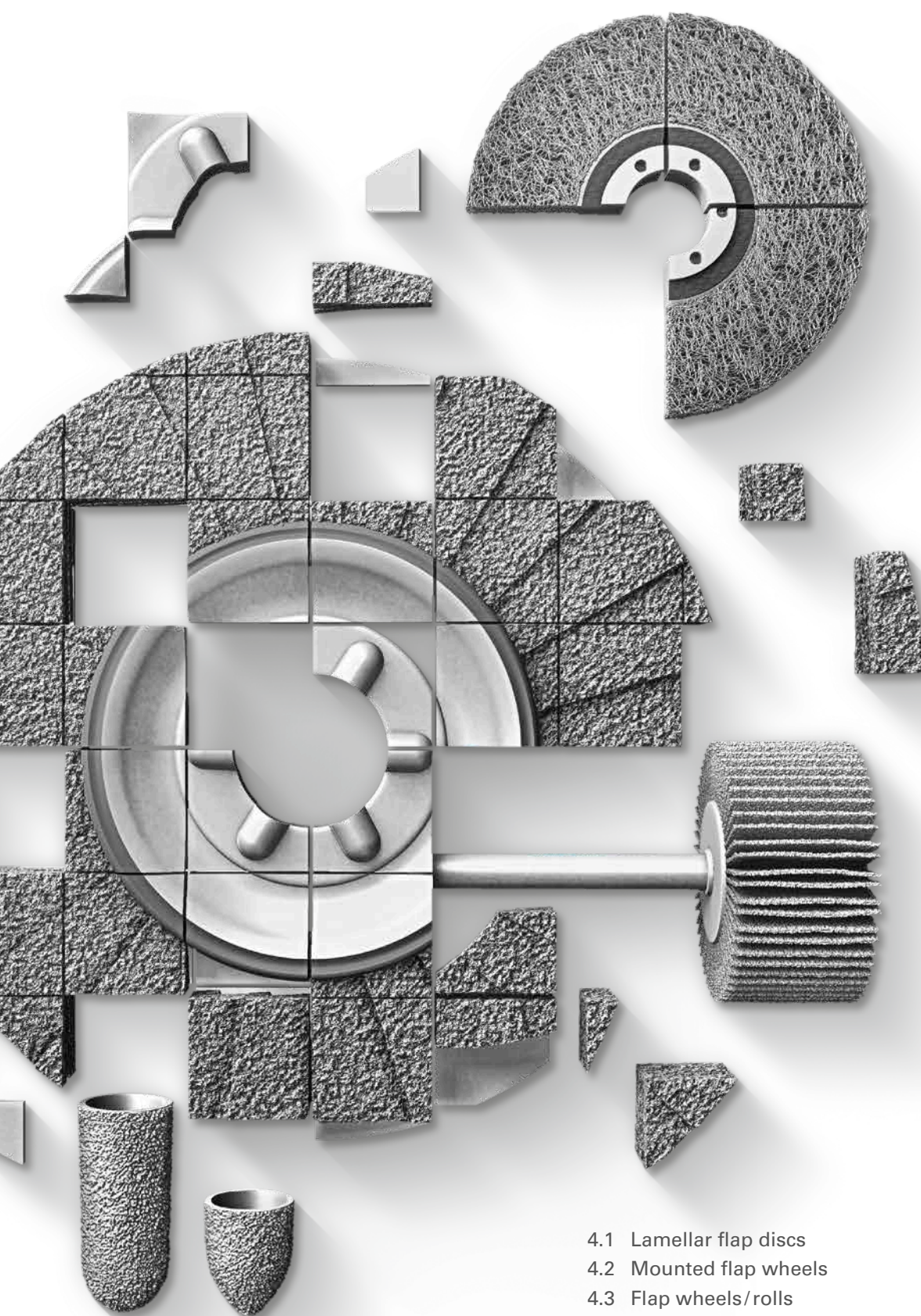
Diamond needle file, electro-plated



★★☆

| Product number | Description | Shapes | Shape | Grain size | Cross section mm | L ₂ mm | L ₁ mm | Pack contains |
|----------------|-------------|---|------------|------------|------------------|-------------------|-------------------|---------------|
| A34003140091 | DF 3140 |  | flat | D 91 | 5.0 x 1.4 | 70 | 140 | 1 |
| A34003140126 | DF 3140 | | flat | D 126 | 5.0 x 1.4 | 70 | 140 | 1 |
| A34003142091 | DF 3142 |  | triangular | D 91 | 3.5 x 3.5 | 70 | 140 | 1 |
| A34003142126 | DF 3142 | | triangular | D 126 | 3.5 x 3.5 | 70 | 140 | 1 |
| A34003143126 | DF 3143 |  | square | D 126 | 2.5 x 2.5 | 70 | 140 | 1 |
| A34003144126 | DF 3144 |  | half-round | D 126 | 5.2 x 1.9 | 70 | 140 | 1 |
| A34003145126 | DF 3145 |  | round | D 126 | 3 | 70 | 140 | 1 |
| A34003146126 | DF 3146 |  | knife | D 126 | 5.0 x 1.4 | 70 | 140 | 1 |

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



GRINDING AND POLISHING

(with flexible tools)

| | |
|-------------------------------------|---------|
| 4.1 Lamellar flap discs | 154–191 |
| 4.2 Mounted flap wheels | 192–212 |
| 4.3 Flap wheels/rolls | 213–226 |
| 4.4 Abrasive bands and mandrels | 227–237 |
| 4.5 Abrasive rolls and mandrels | 238–241 |
| 4.6 Abrasive caps and mandrels | 242–247 |
| 4.7 Abrasive discs and carriers | 248–267 |
| 4.8 Fibre discs, backing pads, etc. | 268–272 |

TECHNICAL INFORMATION

The most important product information at a glance

GENERAL

Our flexible grinding and polishing tools are made from selected grades of abrasive cloth and fleece. They consist of a flexible backing coated with abrasive grain (**see overview on page 153**).

▪ **Backings used:**

cloth, polyester, fleece, fibre

▪ **Grain types used:**

regular aluminium oxide (NK), silicon carbide (SIC),
zirconia alumina (ZK), ceramic (Ceramic)

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

APPLICATION RECOMMENDATIONS

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

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

SAFETY ADVICE

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

QUALITY AND APPLICATIONS

The right abrasive for every application

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

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

| Quality | | Application areas/ machining |
|---|---|---|
|  | NK cloth (Regular aluminium oxide) for universal use | plastic, wood, aluminium, steel |
| | NK cloth (Regular aluminium oxide) with reactive layer | inox |
|  | ZK cloth (Zirconia alumina) | inox |
|  | ZK cloth (Zirconia alumina) with reactive layer | inox |
|  | ZKS cloth (Zirconia alumina) with reactive layer | inox |
|  | SiC cloth (silicon carbide) e.g. for the aerospace industry | titanium, aluminium, inox, glas, ceramic |
|  | Ceramic cloth For hard materials | inox, steel, titanium |
|  | Ceramic4X (ceramic grain) for high-per- formance applications in steel construction | steel |
|  | Purple Grain (Ceramic grain) for universal applications | inox, steel, aluminium, titanium, cast material |
|  | A fleece (Regular aluminium oxide) for universal use | plastic, wood, aluminium, steel |
|  | C fleece (silicon carbide) for the aerospace industry | titanium, aluminium, inox, glas, ceramic |
|  | Z fleece (Zirconia alumina) for faster successes | titanium, aluminium, inox, steel |
|  | TF fleece/cloth mix (Regular aluminium oxide) for extreme work | inox, steel, aluminium |
|  | A fleece/cloth mix (Regular aluminium oxide) for universal use | inox, steel, aluminium, wood |
|  | C fleece/cloth mix (silicon carbide) e.g. for the aerospace industry | titanium, aluminium, inox, glas, ceramic |
|  | CeramicPS Precision-shaped grain for maximum performance on steel | steel |
|  | Ceramic3P Ceramic fleece for working on hard materials | inox, steel, titanium |
|  | CeramicAd Optimised ceramic cloth for universal use | inox |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

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

GENERAL

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

ERGONOMICS

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

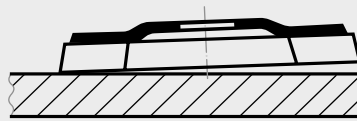
The lamellar flap discs are available in the diameters 100 mm (with 16 mm bore), 115 mm, 125 mm, 150 mm, 178 mm (22.23 mm bore) and 230 mm for use with commercially available angle grinders.

APPLICATION

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

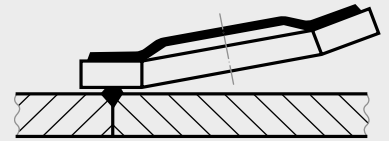
Application examples:

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



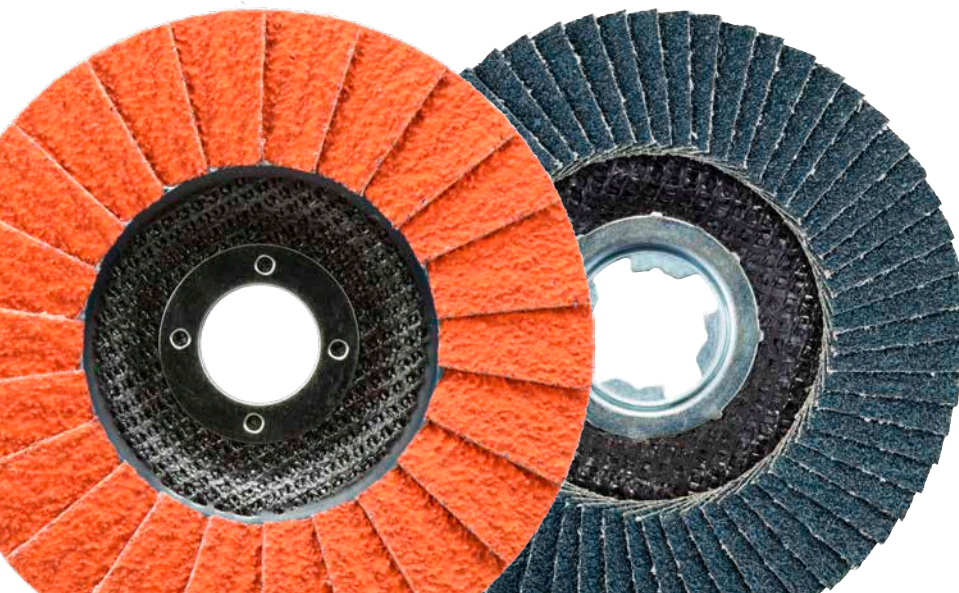
Using the flat version

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



Using the angled version for spot grinding

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



IQ-SERIE FROM LUKAS

DEVELOPED FOR HIGH-PERFORMANCE APPLICATIONS

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

iQ Serie



THE AGGRESSIVE, ALL-ROUNDER GLASS FIBRE-REINFORCED FOR MAXIMUM PERFORMANCE

POWERHOUSES AND ALL-ROUNDERS FOR THE TOUGHEST JOBS WITH LITTLE EFFORT

Purple Grain

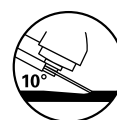
Powerful tools for heavy-duty applications

AGGRESSIVE. DURABLE. ERGONOMIC.

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



innovative
Ceramic grain



operating
angle < 10°



no backing
pad required



low
vibration

WITH THE SELF-SHARPENING EFFECT

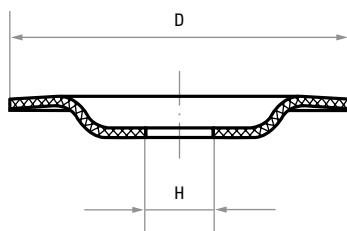
The self-sharpening ceramic grain ensures sustained cool grinding even at low grinding pressure. The tools retain their sharpness down to the last grain.





PG Double compact grinding disc **NEW**

- high and fast removal rate, especially on hardened surfaces, scale, hard coatings and reinforced weld seams
- high stability and durability
- integrated glass fibre-reinforced backing pad



★★★

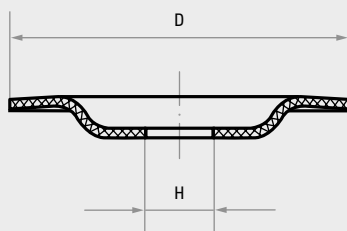
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|---------------|------------|------|-------|----------------------|---------------|
| A27631250361547 | PG Double 125 | Ceramic 36 | 125 | 22.23 | 12,200 | 10 |

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



PG Easy compact grinding disc **NEW**

- one instead of two tools: Eliminates the need to switch between fibre and rough grinding discs.
- available in five sizes
- highest removal rates with little effort



★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|------------|------|-------|----------------------|---------------|
| A27611150361547 | PG EASY 115 | Ceramic 36 | 115 | 22.23 | 13,300 | 10 |
| A27611150601547 | PG EASY 115 | Ceramic 60 | 115 | 22.23 | 13,300 | 10 |
| A27611150801547 | PG EASY 115 | Ceramic 80 | 115 | 22.23 | 13,300 | 10 |
| A27611250361547 | PG EASY 125 | Ceramic 36 | 125 | 22.23 | 12,200 | 10 |
| A27611250601547 | PG EASY 125 | Ceramic 60 | 125 | 22.23 | 12,200 | 10 |
| A27611250801547 | PG EASY 125 | Ceramic 80 | 125 | 22.23 | 12,200 | 10 |
| A27611500361547 | PG EASY 150 | Ceramic 36 | 150 | 22.23 | 10,200 | 10 |
| A27611800361547 | PG EASY 180 | Ceramic 36 | 180 | 22.23 | 10,200 | 10 |
| A27612300361547 | PG EASY 230 | Ceramic 36 | 230 | 22.23 | 6,600 | 10 |

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



FOR THE TOUGHEST JOBS – SEE THE COMPACTPG EASY GRINDING DISC IN ACTION HERE!


1 INSTEAD OF 2

Eliminates the need
to switch between fibre
and rough grinding
discs

The PG Easy CeramicPS is an innovative addition to the Power Grinder family. The compact grinding disc is thin and lightweight, making it an ideal hand tool for universal use that is perfect for small workshops.

The integrated glass fibre-reinforced backing pad for maximum performance ensures high stability and durability combined with working convenience. Synchronous operation and aggressiveness in top form!

The thin and lightweight design of the PG Easy CeramicPS makes it the perfect tool for mobile applications in small workshops. The elimination of fibre and rough grinding discs makes work easier. The low applied grinding pressure and minimal power consumption makes the PG Easy CeramicPS ideal for use on cordless angle grinders. Precision and efficiency in one tool.

PROPERTIES

- glass fibre-reinforced backing pad and triangular, precision-shaped ceramic grain for maximum performance
- deep offset zone allows working at a flat angle and ensures perfect synchronism and aggressiveness
- no accessories or additional backing pad necessary
- longest tool life

**LEARN MORE ABOUT THE
PG EASY CERAMIC PS!**



See it in action

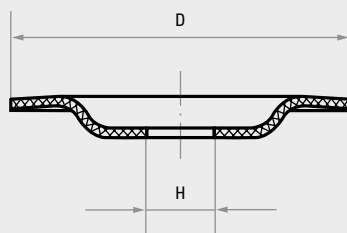


More product
information

GRINDING AND POLISHING
(with flexible tools)

Compact grinding discs PG EASY CeramicPS **NEW**

- one instead of two tools: Eliminates the need to switch between fibre and rough grinding discs.
- glass fibre-reinforced backing pad and precision-shaped ceramic grain for maximum performance
- deep offset zone allows working at a flat angle and ensures perfect synchronism and aggressiveness
- no accessories required
- longest tool life



★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|---|-------------|---------------|------|-------|----------------------|---------------|
| A67651250360799 | PG EASY 125 | CeramicPS 36+ | 125 | 22.23 | 12,200 | 10 |
| Recommended for: ● Steel ● Inox/Steel | | | | | | |

EXCEPTIONAL GRINDING PERFORMANCE IN INDUSTRIAL APPLICATIONS

V4 PURPLE POWER – FOR ROBOTIC APPLICATIONS



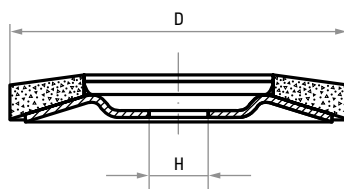
See it in action

As a highly aggressive grinding tool, the V4 Purple Power is designed to be used on powerful angle grinders. On robots and automatic grinders, this grinding disc shows what it's capable of. It achieves unique performance values, combined with a long tool life for impressive efficiency.

The V4 Purple Power is equipped with a high-performance ceramic abrasive coating for outstanding results. In addition,

the flap shape is optimised for high stock removal. This lamellar flap disc effortlessly grinds steel, inox, cast material and titanium. The V4 Purple Power can convert up to 23 kg of structural steel into fine chips during grinding process. The chip removal rate is up to 250 % greater than conventional tools. With a tool life of approximately 5.5 hours, this grinding tool when used on robots also exceeds all expectations.

V4 Purple Power



- exceptional grinding performance in industrial applications
- ideal for use with robots, grinding machines and HeavyDuty machine tools
- exceptional removal rate
- removes more than 20 kg of structural steel when used with a robot
- fewer tool changes
- extremely ergonomic

★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|---|---------------------|------------|------|-------|----------------------|---------------|
| A274812503600475 | V4 Purple Power 125 | Ceramic 36 | 125 | 22.23 | 12,200 | 5 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Titanium ● Cast material | | | | | | |

POWER FOR METALWORKERS

HIGHLY AGGRESSIVE AND DURABLE
FOR UNCOMPROMISING GRINDING

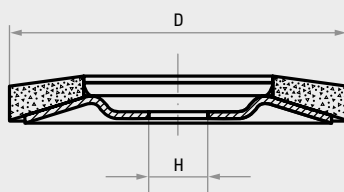
The V4 Master mounted on an angle grinder is used when high stock removal is required. This lamellar flap disc displays its enduring removal performance in rounding off sharp edges and finishing weld seams and thermal cuts. With its powerful material removal, it ensures this kind of challenging work can be performed quickly and effortlessly.

LUKAS has developed this grinding tool for various industries: steel and vessel construction, shipyards and offshore, machine and plant engineering, i.e. for any industry that removes a great deal of material from sheet metal and steel. The V4 Master is an excellent choice in this instance. The low force applied, the deep recess around the bore and the low noise and vibration levels when grinding makes for an easy application.



See it in action

GRINDING AND POLISHING
(with flexible tools)



- exceptional material removal
- high edge retention
- deep recess
- long tool life
- low noise and vibrations
- ergonomic handling requiring minimum force
- free of iron, sulphur and chlorine



V4 Master

★★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|---------------|-------|------|-------|----------------------|---------------|
| A27471150401465 | V4 Master 115 | ZK 40 | 115 | 22.23 | 13,300 | 10 |
| A27471150601465 | V4 Master 115 | ZK 60 | 115 | 22.23 | 13,300 | 10 |
| A27471250401465 | V4 Master 125 | ZK 40 | 125 | 22.23 | 12,200 | 10 |
| A27471250601465 | V4 Master 125 | ZK 60 | 125 | 22.23 | 12,200 | 10 |
| A27471780401465 | V4 Master 178 | ZK 40 | 178 | 22.23 | 8,500 | 10 |

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



SLTT – FOR THE TOUGHEST GRINDING REQUIREMENTS

COMPARE THE EFFICIENCY AGAINST GRINDING DISCS
OR CONVENTIONAL LAMELLAR FLAP DISCS

70%

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

IMPROVED GRINDING PERFORMANCE
WITH ITS INNOVATIVE FLAP ARRANGEMENT

WIDER
FLAPS

UP TO

6

ABRASIVE LAYERS

ROBUST
STEEL BACKING PLATE

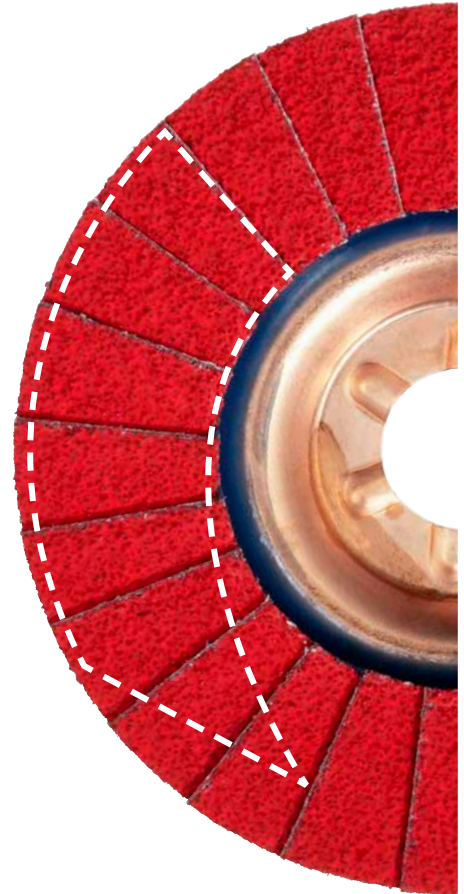
The efficient, high-performance SLTT lamellar flap discs from LUKAS are a better alternative to grinding discs and conventional lamellar flap discs.



The original from LUKAS: the LUKAS flap shape and arrangement with a higher concentration of abrasive grains.

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

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



PROPERTIES

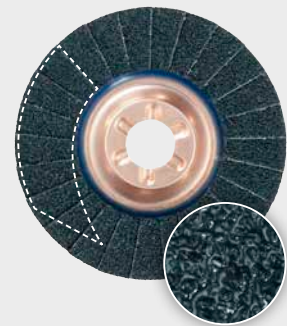
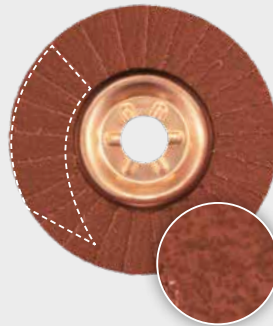
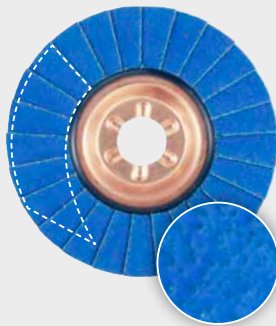
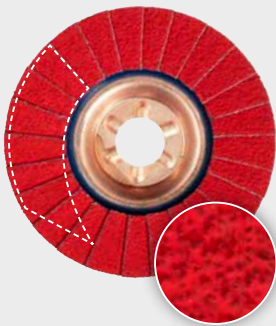
- outstanding material removal
- exceptional tool life
- robust steel back plate
- low noise and vibration levels

APPLICATION

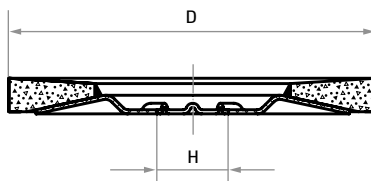
Ideal for machining welds, deburring, derusting, fettling and smoothening. Thanks to its 22.23 mm bore, it fits onto all commonly used angle grinders.

GRINDING AND POLISHING
(with flexible tools)

THE FOUR SLTT VERSIONS



| HeavyDuty Ceramic abrasive cloth | Inox Z Power abrasive cloth | Ceramic3P Ceramic3P abrasive cloth | Steel ZK abrasive cloth |
|---|--|--|---|
| <ul style="list-style-type: none"> ■ developed for the most demanding and toughest grinding applications ■ especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces ■ free of iron, sulphur and chlorine | <ul style="list-style-type: none"> ■ innovative development for grinding stainless steel ■ no glazing or heating of the flaps thanks to the active abrasive surface layer ■ equally efficient for edge and surface applications ■ free of iron, sulphur and chlorine | <ul style="list-style-type: none"> ■ 3P stands for Persistence, Precision and Power ■ maximum tool life thanks to the 6 layers of abrasive cloth ■ the flap disc is particularly suitable for working on hard and tough materials such as stainless steel | <ul style="list-style-type: none"> ■ optimised for universal use on a wide variety of steels and aluminium ■ exceptionally tough grain and resistant to high pressure |

NEW SLTT Ceramic3P lamellar flap discs

- with self-sharpening effect
- with the new Ceramic3P ceramic cloth for durable, precise and powerful grinding
- no tool breakage thanks to robust steel carrier plate
- with the original LUKAS flap shape for the most challenging cutting requirements
- maximum tool life thanks to multi-layer abrasive coating

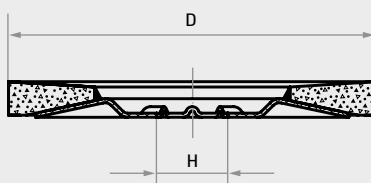
★★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|--|-------------|--------------|------|-------|----------------------|---------------|
| A67201250360085 | SLTT 125 | Ceramic3P 36 | 125 | 22,23 | 12,200 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Titanium | | | | | | |

SEE THE SLTT CERAMIC3P WITH OUR NEW, INNOVATIVE CERAMIC GRAIN IN ACTION HERE!



SLTT HeavyDuty lamellar flap discs



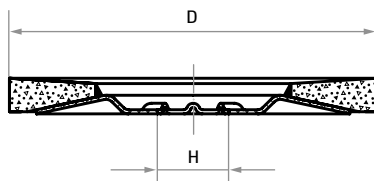
- developed for the most demanding and toughest grinding applications
- especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces
- free of iron, sulphur and chlorine

★★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|--|-------------|------------|------|-------|----------------------|---------------|
| A27201150400050 | SLTT 115 | Ceramic 40 | 115 | 22.23 | 13,300 | 10 |
| A27201150600050 | SLTT 115 | Ceramic 60 | 115 | 22.23 | 13,300 | 10 |
| A27201250400050A | SLTT 125 | Ceramic 40 | 125 | 22.23 | 12,200 | 10 |
| A27201250600050 | SLTT 125 | Ceramic 60 | 125 | 22.23 | 12,200 | 10 |
| A27201500400050 | SLTT 150 | Ceramic 40 | 150 | 22.23 | 10,200 | 10 |
| A27201780400050 | SLTT 178 | Ceramic 40 | 178 | 22.23 | 8,500 | 10 |
| A27201780600050 | SLTT 178 | Ceramic 60 | 178 | 22.23 | 8,500 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Titanium ● Aluminium ● Cast material ● Plastic/Wood | | | | | | |



SLTT Inox lamellar flap discs



- turbo back plate for machining stainless steel
- no glazing or heating of the flaps
- equally efficient for edge and surface applications
- free of iron, sulphur and chlorine

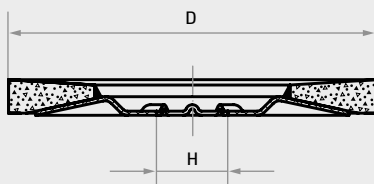
★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|------------|------|-------|----------------------|---------------|
| A27201150400045 | SLTT 115 | Z-Power 40 | 115 | 22.23 | 13,300 | 10 |
| A27201150600045 | SLTT 115 | Z-Power 60 | 115 | 22.23 | 13,300 | 10 |
| A27201250400045A | SLTT 125 | Z-Power 40 | 125 | 22.23 | 12,200 | 10 |
| A27201250600045 | SLTT 125 | Z-Power 60 | 125 | 22.23 | 12,200 | 10 |
| A27201500400045 | SLTT 150 | Z-Power 40 | 150 | 22.23 | 10,200 | 10 |
| A27201780400045 | SLTT 178 | Z-Power 40 | 178 | 22.23 | 8,500 | 10 |
| A27201780600045 | SLTT 178 | Z-Power 60 | 178 | 22.23 | 8,500 | 10 |

Recommended for: ● Inox/Steel ● Steel

GRINDING AND POLISHING
(with flexible tools)

SLTT steel lamellar flap discs



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

★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|--------|------|-------|----------------------|---------------|
| A27201150400065 | SLTT 115 | ZK 40 | 115 | 22.23 | 13,300 | 10 |
| A27201150600065 | SLTT 115 | ZK 60 | 115 | 22.23 | 13,300 | 10 |
| A27201250400065A | SLTT 125 | ZK 40 | 125 | 22.23 | 12,200 | 10 |
| A27201250600065 | SLTT 125 | ZK 60 | 125 | 22.23 | 12,200 | 10 |
| A67201250800018 | SLTT 125 | ZKS 80 | 125 | 22.23 | 12,200 | 10 NEW |
| A27201500400065 | SLTT 150 | ZK 40 | 150 | 22.23 | 10,200 | 10 |
| A27201500600065 | SLTT 150 | ZK 60 | 150 | 22.23 | 10,200 | 10 |
| A27201780400065 | SLTT 178 | ZK 40 | 178 | 22.23 | 8,500 | 10 |
| A27201780600065 | SLTT 178 | ZK 60 | 178 | 22.23 | 8,500 | 10 |

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



THE V2 POWER – FOR UNIVERSAL USE

EXPERIENCE THE EFFICIENCY COMPARED TO CONVENTIONAL LAMELLAR FLAP DISCS

70%

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

IMPROVED GRINDING PERFORMANCE
THANKS TO THE SPECIAL FLAP CONFIGURATION

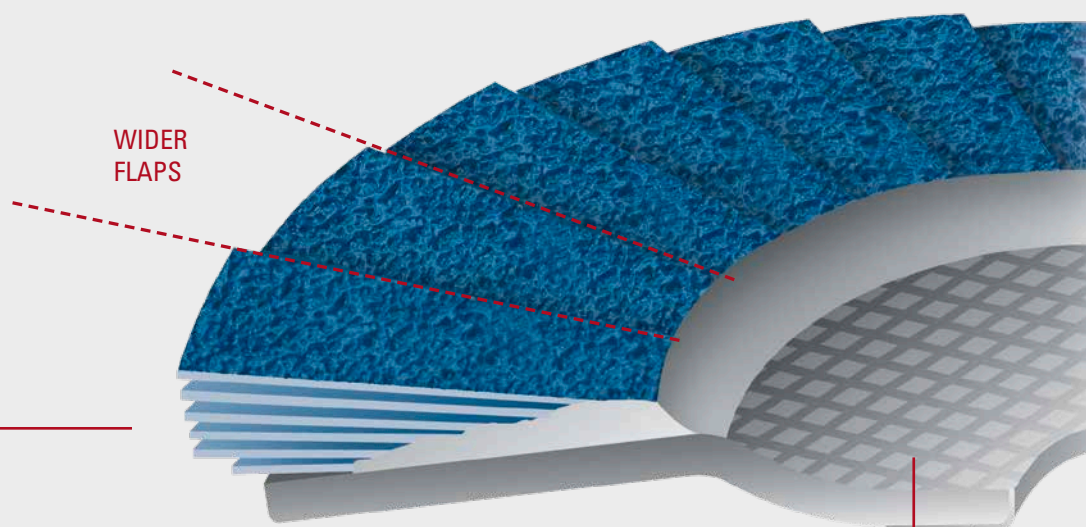
WIDER
FLAPS

UP TO

6

ABRASIVE LAYERS

GLASS FIBRE
BACKING PLATE



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

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

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

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



The original from LUKAS:

The LUKAS flap shape and arrangement with a higher concentration of abrasive grains.

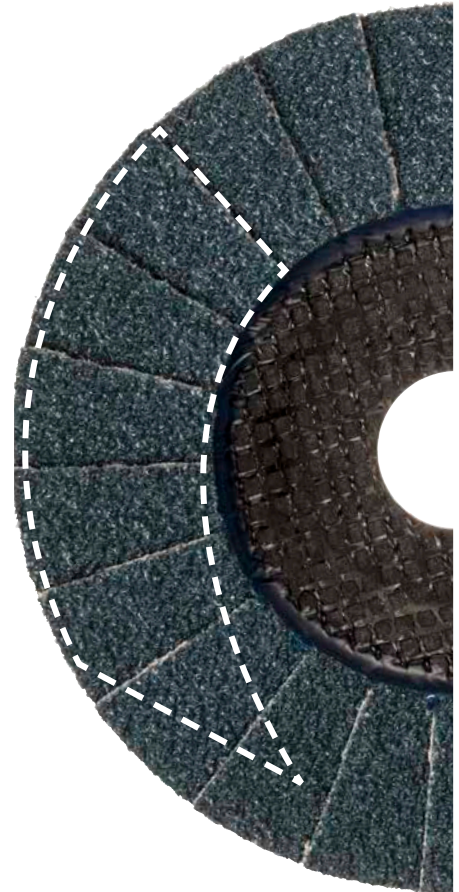
in an exceptionally high stock removal rate per minute. Thanks to the multi-layer abrasive coating, these lamellar flap discs additionally remain sharp throughout the tool life. As the flaps wear, the fresh abrasive coating of the flaps underneath is exposed. Consequently, they achieve a long tool life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

PROPERTIES

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

APPLICATION

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



GRINDING AND POLISHING
(with flexible tools)

THE FIVE V2 POWER VERSIONS



| HeavyDuty Ceramic abrasive cloth | CeramicAd CeramicAd abrasive cloth | Inox Z Power abrasive cloth | Steel ZK abrasive cloth | ALU SiC abrasive cloth |
|---|---|---|---|--|
| <ul style="list-style-type: none"> ■ developed for the most demanding and toughest grinding applications ■ especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces ■ free of iron, sulphur and chlorine | <ul style="list-style-type: none"> ■ Next generation of the red Ceramic cloth: faster and more powerful ■ high removal rates and maximum sharpness ■ for tough jobs on tempered steels and coated surfaces | <ul style="list-style-type: none"> ■ developed for grinding stainless steel ■ no glazing or heating of the flaps thanks to the active abrasive surface layer ■ equally efficient for edge and surface applications ■ free of iron, sulphur and chlorine | <ul style="list-style-type: none"> ■ optimised for universal application on a wide variety of steels and aluminium ■ exceptionally tough grain and resistant to high pressure | <ul style="list-style-type: none"> ■ particularly suitable for preparing welds and finishing aluminium ■ also ideal for fibre-reinforced materials such as CFRP and GFRP |

V2 POWER WITH X-LOCK MOUNTING SYSTEM

THE HIGH-PERFORMANCE LAMELLAR FLAP DISC
WITH THE INNOVATIVE MOUNTING SYSTEM

MOUNTING GRINDING DISCS HAS NEVER BEEN SO EASY

The high-power V2 Power lamellar flap disc is the first tool from LUKAS equipped with the new X-LOCK mounting system. As a result, the outstanding grinding performance is combined with changing the tool in just seconds.

With the new X-LOCK system, you position the flap disc on the mounting fixture and allow it to engage – and you're done. A "click" noise indicates that the disc is firmly mounted. The potential of losing clamping nuts and keys is implemented. As a result, the tool change is fast and easy.



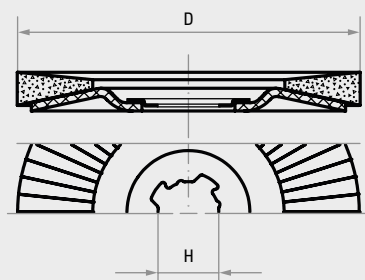
Photo: Bosch

GRINDING AND POLISHING
(with flexible tools)

V2 Power X-LOCK lamellar flap disc



★★★



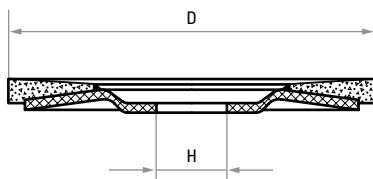
- the professional tool for the toughest jobs on steel, ship's steel plate, Hardox steel, nickel-based alloys and titanium
- achieves impressively high stock removal rates when rough grinding steel, edging and removing of welds
- keyless tool changing in no time at all
- all the benefits of the efficient LUKAS V2 Power lamellar flap disc coupled with the latest mounting system
- free of iron, sulphur and chlorine

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|--------------|--------------|------|--------------|----------------------|---------------|
| A67441250401844 | V2 Power 125 | Ceramic4x 40 | 125 | X-LOCK/22.23 | 12,200 | 10 |
| A67441250601844 | V2 Power 125 | Ceramic4x 60 | 125 | X-LOCK/22.23 | 12,200 | 10 |

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



V2 Power HeavyDuty lamellar flap disc



- especially robust for edge grinding, quenched and tempered steels, scale surfaces or coated surfaces
- free of iron, sulphur and chlorine

★★★

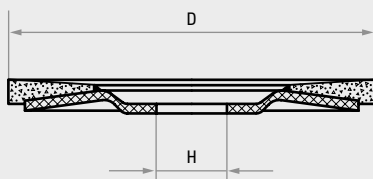
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|--------------|------------|------|-------|----------------------|---------------|
| A27441150401450 | V2 Power 115 | Ceramic 40 | 115 | 22.23 | 13,300 | 10 |
| A27441150601450 | V2 Power 115 | Ceramic 60 | 115 | 22.23 | 13,300 | 10 |
| A27441250401450 | V2 Power 125 | Ceramic 40 | 125 | 22.23 | 12,200 | 10 |
| A27441250601450 | V2 Power 125 | Ceramic 60 | 125 | 22.23 | 12,200 | 10 |
| A27441780401450 | V2 Power 178 | Ceramic 40 | 178 | 22.23 | 8,500 | 10 |
| A27441780601450 | V2 Power 178 | Ceramic 60 | 178 | 22.23 | 8,500 | 10 |
| A27442300401428 | V2 Power 230 | Ceramic 40 | 230 | 22.23 | 6,600 | 10 |

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



V2 Power CeramicAd lamellar flap disc NEW

- innovative glass-fibre fabric carrier: stable and flexible for the best surface results
- patented flap shape: reduces noise and vibrations by 50%
- high stock removal efficient and reliable, ideal for diverse applications
- maximum sharpness: fresh sharp grains are continuously exposed at the tool's surface.
- versatile application possibilities: for machining radial and end faces, ideal for complex geometries.



★★★

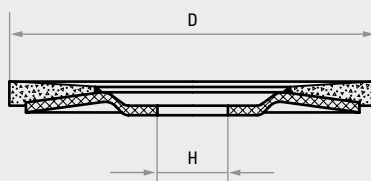
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|--------------|--------------|------|-------|----------------------|---------------|
| A67441000401466 | V2 Power 100 | CeramicAd 40 | 100 | 15.00 | 15,300 | 10 |
| A67441000601466 | V2 Power 100 | CeramicAd 60 | 100 | 15.00 | 15,300 | 10 |
| A67441250401466 | V2 Power 125 | CeramicAd 40 | 125 | 22.23 | 12,200 | 10 |
| A67441250601466 | V2 Power 125 | CeramicAd 60 | 125 | 22.23 | 12,200 | 10 |
| A67441780401466 | V2 Power 178 | CeramicAd 40 | 178 | 22.23 | 8,500 | 10 |

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

MACHINING STATE-OF-THE-ART MATERIALS

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

V2 Power Alu lamellar flap disc



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

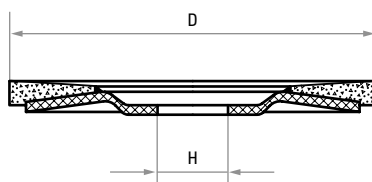
★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|----------------------------|--------------|--------|------|-------|----------------------|---------------|
| A27441150401434 | V2 Power 115 | SIC 40 | 115 | 22.23 | 13,300 | 10 |
| NEW A67441150601434 | V2 Power 115 | SIC 60 | 115 | 22.23 | 13,300 | 10 |
| A27441250361434 | V2 Power 125 | SIC 36 | 125 | 22.23 | 12,200 | 10 |
| A27441250401434 | V2 Power 125 | SIC 40 | 125 | 22.23 | 12,200 | 10 |
| A27441780241434 | V2 Power 178 | SIC 24 | 178 | 22.23 | 8,500 | 10 |
| A27441780361434 | V2 Power 178 | SIC 36 | 178 | 22.23 | 8,500 | 10 |

Recommended for: ● Aluminium ● Titanium ● Plastic/Wood



V2 Power Inox lamellar flap disc



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

★★★

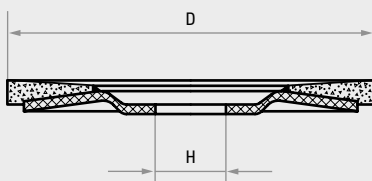
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|--------------|------------|------|-------|----------------------|---------------|
| A27441150401445 | V2 Power 115 | Z-Power 40 | 115 | 22.23 | 13,300 | 10 |
| A27441150601445 | V2 Power 115 | Z-Power 60 | 115 | 22.23 | 13,300 | 10 |
| A67441150801445 | V2 Power 115 | Z-Power 80 | 115 | 22.23 | 13,300 | 10 |
| A27441250401445 | V2 Power 125 | Z-Power 40 | 125 | 22.23 | 12,200 | 10 |
| A27441250601445 | V2 Power 125 | Z-Power 60 | 125 | 22.23 | 12,200 | 10 |
| A27441780401445 | V2 Power 178 | Z-Power 40 | 178 | 22.23 | 8,500 | 10 |
| A27441780601445 | V2 Power 178 | Z-Power 60 | 178 | 22.23 | 8,500 | 10 |

Recommended for: ● Inox/Steel ● Steel

NEW

GRINDING AND POLISHING
(with flexible tools)

V2 Power Steel lamellar flap disc



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

★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|------------------|--------------|--------|------|-------|----------------------|---------------|
| A27441000401465 | V2 Power 100 | ZK 40 | 100 | 16.00 | 15,300 | 10 |
| A27441000601465 | V2 Power 100 | ZK 60 | 100 | 16.00 | 15,300 | 10 |
| A27441150401465 | V2 Power 115 | ZK 40 | 115 | 22.23 | 13,300 | 10 |
| A27441150601465 | V2 Power 115 | ZK 60 | 115 | 22.23 | 13,300 | 10 |
| A27441250401465A | V2 Power 125 | ZK 40 | 125 | 22.23 | 12,200 | 10 |
| A27441250601465 | V2 Power 125 | ZK 60 | 125 | 22.23 | 12,200 | 10 |
| A67441250801465 | V2 Power 125 | ZK 80 | 125 | 22.23 | 12,200 | 10 |
| A27441780401465 | V2 Power 178 | ZK 40 | 178 | 22.23 | 8,500 | 10 |
| A27441780601465 | V2 Power 178 | ZK 60 | 178 | 22.23 | 8,500 | 10 |
| A27442300401418 | V2 Power 230 | ZKS 40 | 230 | 22.23 | 6,600 | 5 |

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

NEW



THREE TOOLS, ONE GOAL: PERFECT FILLET WELDS

USE OUR MADE-TO-MEASURE PRODUCTS TO PRECISELY MACHINE YOUR FILLET WELDS

GRINDING AND POLISHING
(with flexible tools)

Fillet weld grinding improves the quality of your welded joints and enhances corrosion resistance, while minimising the need for finishing work. It also extends the service life of components and optimises the stress absorption for greater safety and reliability. Be inspired by the leading-edge possibilities of grinding!

The U-Edge Pro, V2 Edge and SLTflex professional tools from LUKAS deliver the best results and cover all the main areas of fillet weld machining work.



See it in action



More product information



DISCOVER MORE ABOUT OUR
FILLET WELD SPECIALISTS!

| V2 Edge CeramicAd Lamellar flap discs | U-Edge Pro LUKAS that revolutionises | SLTflex CeramicAd Lamellar flap discs |
|---|---|---|
| <ul style="list-style-type: none">■ innovative glass-fibre fabric carrier: stable and flexible for the best surface results■ patented flap shape: reduces noise and vibrations by 50%■ maximum sharpness: fresh sharp grains are continuously exposed at the tool's surface.■ versatile application possibilities: for machining radial and end faces, ideal for complex geometries. | <ul style="list-style-type: none">■ highly versatile: ideal for grinding, correcting, cleaning and optical smoothing of weld seams.■ durable abrasive cloth: consistent performance down to the very last grain■ Integrated edge protection prevents damage to the workpiece■ patent-pending technology: innovative design for precision and the latest applications | <ul style="list-style-type: none">■ high flexibility: ideal for uneven surfaces and hard-to-reach areas.■ patented flap shape: reduced noise and vibrations, better surface results■ for use on radial and end faces: flexible grinding pattern when used on face ends, ideal for grinding fillet welds |

U-EDGE PRO – REGRINDING FILLET WELDS

ENABLES EFFECTIVE, ERGONOMIC AND PRECISE MACHINING OF WELD SEAMS

INNOVATIVE

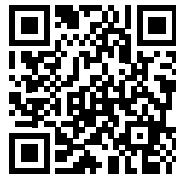
Eliminates the need to use rough grinding discs and grinding discs on fillet welds

More effective, more ergonomic, cleaner and more precise, it combines weld seam machining with a long tool life and perfect results.

Thanks to its multiple layers of abrasive cloth, this patent-pending tool always offers you consistent results down to the last abrasive grain.

Whether for grinding over fillet weld seams, grinding out during corrective welding, for cleaning, paint stripping or optimisation: the radial abrasive surface on the disc allows it to be used on hard-to-reach weld seams.

Additionally, the integrated edge protection prevents damage to the workpiece when machining weld seams.



See it in action



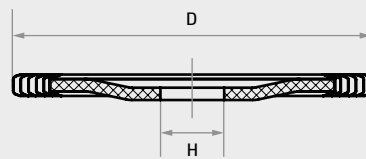
More product information

LEARN MORE ABOUT THE U-EDGE PRO!

GRINDING AND POLISHING
(with flexible tools)



U-Edge Pro Fillet weld grinding disc **NEW**



- pinpoint machining of every welding seam
- grinding disc is not required
- innovative new development that eliminates application compromises
- multiple layers of abrasive cloth
- integrated edge protection prevents tool damage

★★★

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|----------------|-------|------|-------|----------------------|---------------|
| A27401250402071 | U-Edge Pro 125 | ZK 40 | 125 | 22.23 | 12,200 | 5 |
| A27401250602071 | U-Edge Pro 125 | ZK 60 | 125 | 22.23 | 12,200 | 5 |
| A27401250802071 | U-Edge Pro 125 | ZK 80 | 125 | 22.23 | 12,200 | 5 |

Recommended for: ● Inox/Steel ● Steel

THE V2 EDGE CeramicAd STANDS FOR OUTSTANDING PERFORMANCE

MAXIMUM PERFORMANCE AND PRECISION FOR DEMANDING GRINDING WORK.

The LUKAS V2 Edge with CeramicAd lamellar flap disc was developed for the toughest jobs, in particular for machining tempered steels, scale surfaces and coated surfaces.

The glass-fibre fabric carrier ensures stability and flexibility for creating outstanding surface results.

The innovative CeramicAd abrasive is the next development of the red ceramic cloth and offers enhanced power and durability.

Thanks to the patented sickle flap shape and arrangement, the V2 Power flap disc reduces noise and vibrations by 50% compared to standard grinding discs.

The multi-layer abrasive coating ensures that the flaps are always as sharp as when the tool was first used – fresh abrasive flaps are exposed to replace worn flaps, ensuring consistent quality and a long tool life.

The grinding disc is also highly resistant to breakage, making it easier to work with minimum vibration and maximum efficiency. The new feature of the V2 Edge is the especially small glass-fibre backing, which allows for an extra-large overlap of the patented sickle-shaped flaps.

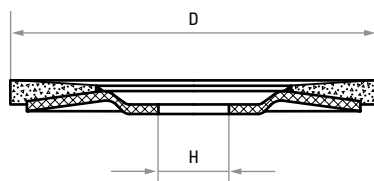
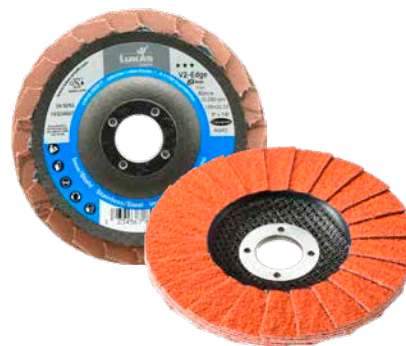
This means that the tool can now also be used on radial (!) and end (!) surfaces, enabling the machining of hard-to-reach workpiece shapes and geometries. Together with the extremely high removal rate, this makes it a true all-rounder that can be used for practically every job.



LEARN MORE ABOUT THE
V2 EDGE CERAMICAD!



V2 EDGE CeramicAd lamellar flap disc NEW



- patented flap shape: reduces noise and vibrations by 50%
- high stock removal efficient and reliable, ideal for diverse applications
- maximum sharpness: fresh sharp grains are continuously exposed at the tool's surface.
- versatile application possibilities: the tool can be used on the end surfaces as well as with the outer edge

★★★

| Product number | Description | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|-----------------|-------------|--------------|---------|---------|------------------|------------------|
| A67491250401466 | V2 Edge 125 | CeramicAd 40 | 125 | 22.23 | 12,200 | 10 |
| A67491250601466 | V2 Edge 125 | CeramicAd 60 | 125 | 22.23 | 12,200 | 10 |

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

- **Stability and flexibility thanks to the glass-fibre fabric carrier:** the glass-fibre fabric carrier ensures stability for machining hard materials.
- **Patented sickle-shaped flap:** the special shape and arrangement of the flaps cuts noise and vibrations by up to 50% for more comfortable and faster work.
- **Constant sharpness and performance:** thanks to the multi-layered abrasive surface, the flaps always stay sharp even when worn as new abrasive surfaces are continuously exposed.
- **Extended application areas:** thanks to the small glass-fibre fabric carrier and the large flap overlap, both radial and end surfaces can be machined efficiently – ideal for hard-to-reach geometries and complex shapes.
- **High removal rates:** These properties make the V2 Edge CeramicAd the first choice for applications requiring high material removal rates under difficult working conditions.



More product
information



See it in action

SLTflex – FOR MACHINING INACCESSIBLE AREAS

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

GRINDING AND POLISHING
(with flexible tools)



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

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

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

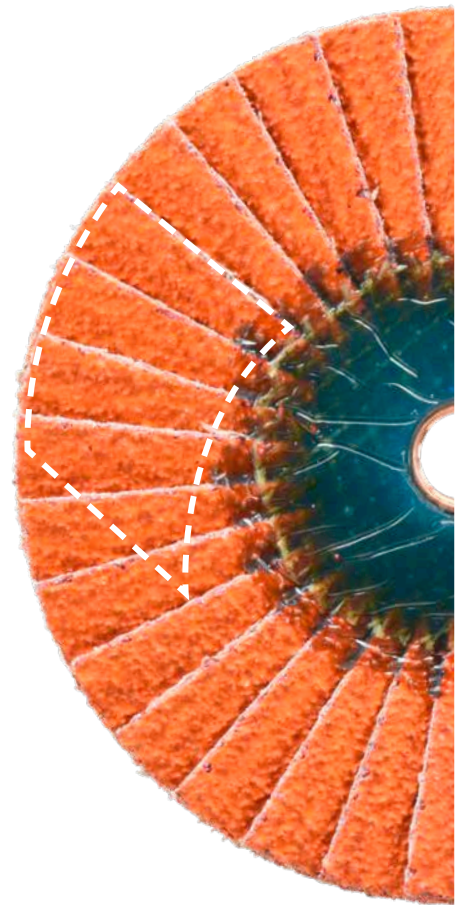
A particularly large concentration of abrasive grains on the outer perimeter results in an exceptionally high stock removal rate per minute. Thanks to the multi-layer abrasive coating, these lamellar flap discs remain sharp throughout the tool life. As the flaps wear, the fresh abrasive coating of the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

PROPERTIES

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

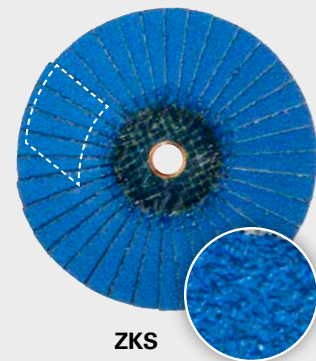
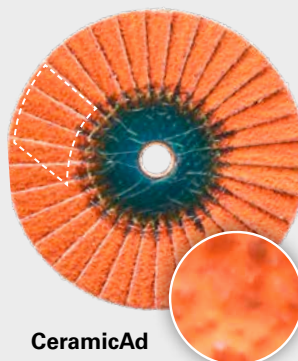
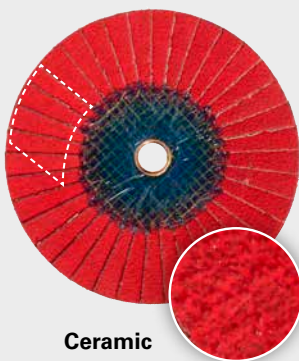
APPLICATION

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



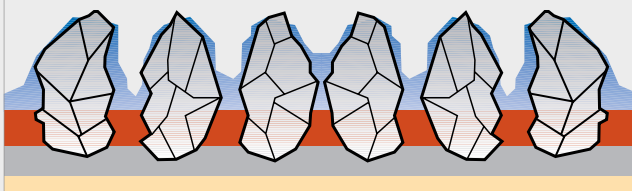
GRINDING AND POLISHING
(with flexible tools)

THE THREE SLTflex VERSIONS



ABRASIVE CLOTH

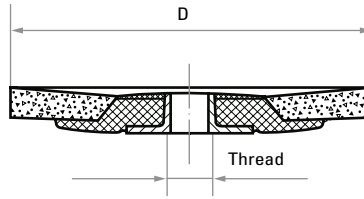
Using high-performance abrasive cloth
(with additional abrasive surface layer)



FLEXIBLE FLAP ARRANGEMENT



SLTflex Ceramic lamellar flap disc



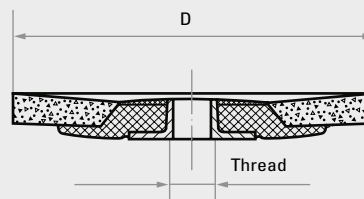
★★★

- The efficient grinding tools for radii and fillet welds
- high flexibility thanks to the wide flap projection (no interference from backing plate)
- easy tool changing (backing pad and clamping nut are not required)
- exceptionally long tool life

| Product number | Description | Grit | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|------------|------|--------|----------------------|---------------|
| A272711504070 | SLTflex 115 | Ceramic 40 | 115 | M14 | 13,300 | 10 |
| A272711506070 | SLTflex 115 | Ceramic 60 | 115 | M14 | 13,300 | 10 |
| A272712504070 | SLTflex 125 | Ceramic 40 | 125 | M14 | 12,200 | 10 |
| A272712506070 | SLTflex 125 | Ceramic 60 | 125 | M14 | 12,200 | 10 |

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

NEW SLTflex CeramicAd lamellar flap disc



★★★

- high flexibility: ideal for uneven surfaces and hard-to-reach areas.
- patented flap shape: reduced noise and vibrations, better surface results
- long-lasting sharpness: multi-layer abrasive coating for consistent performance.
- Alternative to the grinding disc: more flexible and ideal for precise machining.
- for use on radial and end faces: especially flexible grinding pattern when used on face ends, ideal for grinding fillet welds.

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------------|------|------|----------------------|---------------|
| A672712504066 | SLTflex 125 | CeramicAd 40 | 125 | M14 | 12,200 | 10 |
| A672712506066 | SLTflex 125 | CeramicAd 60 | 125 | M14 | 12,200 | 10 |

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

EXPERIENCE MAXIMUM FLEXIBILITY
WITH OUR SLTFLEX CERAMICAD
FILLET WELD GRINDING DISC!



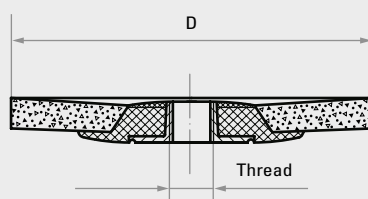
FLEXIBLE FOR HARD-TO-REACH AREAS

FLEXIBILITY AND REMOVAL RATES WHEN MACHINING
HARD-TO-REACH AREAS AND UNEVEN SURFACES.



SLTsflex super flexible lamellar flap disc

- even greater flap projection
- even more flexibility
- M14 quick-clamping thread
- super-soft grinding action
- for perfect surface finishes
- fast tool change
- no backing pad and mounting nut required



★★★

| Product number | Description | Grit | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|---------------|--------|------|--------|----------------------|---------------|
| A272910004018 | SLTs-flex 100 | ZKS 40 | 100 | M10 | 12,100 | 10 |
| A272910006018 | SLTs-flex 100 | ZKS 60 | 100 | M10 | 12,100 | 10 |
| A272910008018 | SLTs-flex 100 | ZKS 80 | 100 | M10 | 12,100 | 10 |
| A672911504018 | SLTs-flex 115 | ZKS 40 | 115 | M14 | 13,300 | 10 |
| A672911506018 | SLTs-flex 115 | ZKS 60 | 115 | M14 | 13,300 | 10 |
| A672911508018 | SLTs-flex 115 | ZKS 80 | 115 | M14 | 13,300 | 10 |
| A672912504018 | SLTs-flex 125 | ZKS 40 | 125 | M14 | 12,200 | 10 |
| A672912506018 | SLTs-flex 125 | ZKS 60 | 125 | M14 | 12,200 | 10 |
| A672912508018 | SLTs-flex 125 | ZKS 80 | 125 | M14 | 12,200 | 10 |
| A272917804018 | SLTs-flex 178 | ZKS 40 | 178 | M14 | 8,500 | 10 |
| A272917806018 | SLTs-flex 178 | ZKS 60 | 178 | M14 | 8,500 | 10 |
| A272917808018 | SLTs-flex 178 | ZKS 80 | 178 | M14 | 8,500 | 10 |

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

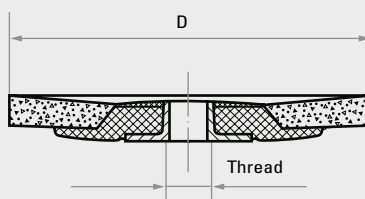
MAXIMUM FLEXIBILITY THANKS TO LARGE FLAP PROJECTION

EASY MACHINING OF RADII AND FILLET WELDS



See it in action

SLTflex lamellar flap disc



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

★★★

NEW

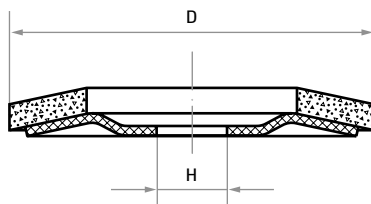
| Product number | Description | Grit | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|--------|------|--------|----------------------|---------------|
| A272711504018 | SLTflex 115 | ZKS 40 | 115 | M14 | 13,300 | 10 |
| A272811504018 | SLTflex 115 | ZKS 40 | 115 | 5/8" | 13,300 | 10 |
| A672711505016 | SLTflex 115 | ZK 50 | 115 | M14 | 13,300 | 10 |
| A272711506018 | SLTflex 115 | ZKS 60 | 115 | M14 | 13,300 | 10 |
| A272811506018 | SLTflex 115 | ZKS 60 | 115 | 5/8" | 13,300 | 10 |
| A272711508016 | SLTflex 115 | ZK 80 | 115 | M14 | 13,300 | 10 |
| A272811508018 | SLTflex 115 | ZK 80 | 115 | 5/8" | 13,300 | 10 |
| A272711512016 | SLTflex 115 | ZK 120 | 115 | M14 | 13,300 | 10 |
| A272811512018 | SLTflex 115 | ZK 120 | 115 | 5/8" | 13,300 | 10 |
| A272712504018 | SLTflex 125 | ZKS 40 | 125 | M14 | 12,200 | 10 |
| A272812504018 | SLTflex 125 | ZKS 40 | 125 | 5/8" | 12,200 | 10 |
| A272712506018 | SLTflex 125 | ZKS 60 | 125 | M14 | 12,200 | 10 |
| A272812506018 | SLTflex 125 | ZKS 60 | 125 | 5/8" | 12,200 | 10 |
| A272712508016 | SLTflex 125 | ZK 80 | 125 | M14 | 12,200 | 10 |
| A272812508018 | SLTflex 125 | ZK 80 | 125 | 5/8" | 12,200 | 10 |
| A272712512016 | SLTflex 125 | ZK 120 | 125 | M14 | 12,200 | 10 |
| A272812512018 | SLTflex 125 | ZK 120 | 125 | 5/8" | 12,200 | 10 |

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



SLTR Ceramic lamellar flap disc **NEW**

- made of resilient materials for a long tool life, high removal performance and fast operation
- can be used with any commercially available angle grinder thanks to 22.23 mm bore
- tested quality: high degree of safety through regular testing



★★★

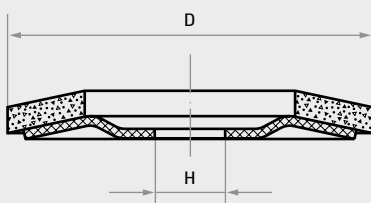
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|------------|------|-------|----------------------|---------------|
| A27231150401428 | SLTR 115 | Ceramic 40 | 115 | 22.23 | 13,300 | 10 |
| A27231150601428 | SLTR 115 | Ceramic 60 | 115 | 22.23 | 13,300 | 10 |
| A27231150801428 | SLTR 115 | Ceramic 80 | 115 | 22.23 | 13,300 | 10 |
| A27231250401428 | SLTR 125 | Ceramic 40 | 125 | 22.23 | 12,200 | 10 |
| A27231250601428 | SLTR 125 | Ceramic 60 | 125 | 22.23 | 12,200 | 10 |

Recommended for: ● Inox/Steel ● Steel ● Titanium



SLTO/SLTR CeramicAd lamellar flap disc **NEW**

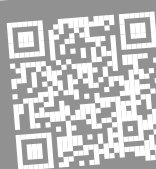
- the all-round talent with superior glass-fibre disc
- available in two variants: flat and dished
- lightweight carrier material for low tool weight
- long tool life thanks to multi-layer abrasive coating
- self-sharpening effect: high chip removal rate especially on stainless steel



★★★

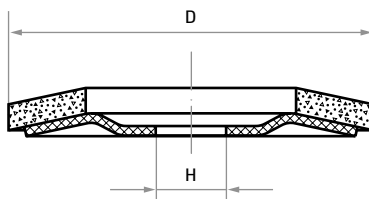
| Product number | Description | Grit | Drawing | D mm | Shape | n _{max} rpm | Pack contains |
|-----------------|-------------|--------------|---------|------|-------|----------------------|---------------|
| A67251250401466 | SLTO 125 | CeramicAd 40 | | 125 | 22.23 | 12,200 | 10 |
| A67231150401466 | SLTR 115 | CeramicAd 40 | | 115 | 22.23 | 13,300 | 10 |
| A67231250401466 | SLTR 125 | CeramicAd 40 | | 125 | 22.23 | 12,200 | 10 |
| A67231250601466 | SLTR 125 | CeramicAd 60 | | 125 | 22.23 | 12,200 | 10 |
| A67231780401466 | SLTR 178 | CeramicAd 40 | | 178 | 22.23 | 8,500 | 10 |

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



SEE THE **SLTO/SLTR CERAMICAD**
LAMELLAR FLAP DISC IN ACTION HERE!

SLTR Control lamellar flap disc



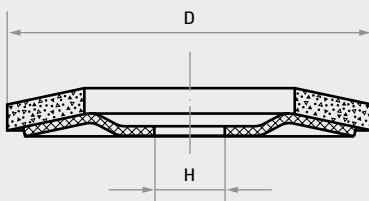
- grinding tool with apertures:
keep a constant check on how
your work is progressing
- protect sensitive surfaces against
damage during grinding

★★★

| Product number | Description | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|-----------------|------------------|------------|---------|---------|------------------|------------------|
| A27461150401406 | SLTR 115 Control | ZK 40 INOX | 115 | 22.23 | 13,300 | 10 |
| A27461150601406 | SLTR 115 Control | ZK 60 INOX | 115 | 22.23 | 13,300 | 10 |
| A27461150801406 | SLTR 115 Control | ZK 80 INOX | 115 | 22.23 | 13,300 | 10 |
| A27461250401406 | SLTR 125 Control | ZK 40 INOX | 125 | 22.23 | 12,200 | 10 |
| A27461250601406 | SLTR 125 Control | ZK 60 INOX | 125 | 22.23 | 12,200 | 10 |
| A27461250801406 | SLTR 125 Control | ZK 80 INOX | 125 | 22.23 | 12,200 | 10 |

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

SLTZ lamellar flap disc



- lamellar flap disc with active
grinding additives
 - outstanding grinding performance
 - best results with the special formulation
 - outstanding tool life
 - suitable for most material
 - suitable for deburring, fettling,
derusting and smoothing
- **Application:** Shipbuilding, steel
construction, VA stainless steel and
many other applications

★★★

| Product number | Description | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|-----------------|-------------|--------|---------|---------|------------------|------------------|
| A27261150401418 | SLTZ 115 | ZKS 40 | 115 | 22.23 | 13,300 | 10 |
| A27261150601418 | SLTZ 115 | ZKS 60 | 115 | 22.23 | 13,300 | 10 |
| A27261150801418 | SLTZ 115 | ZKS 80 | 115 | 22.23 | 13,300 | 10 |
| A27261250401418 | SLTZ 125 | ZKS 40 | 125 | 22.23 | 12,200 | 10 |
| A27261250601418 | SLTZ 125 | ZKS 60 | 125 | 22.23 | 12,200 | 10 |
| A27261250801418 | SLTZ 125 | ZKS 80 | 125 | 22.23 | 12,200 | 10 |

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

IMPRESSIVE TOOL LIFE WITH HIGH ERGONOMIC VALUE

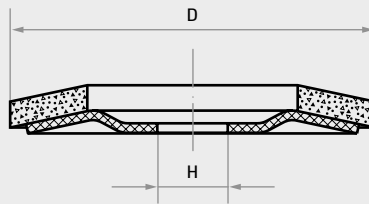
HIGH-PERFORMANCE LUKAS LAMELLAR FLAP DISCS WITH RECTANGULAR FLAPS



GRINDING AND POLISHING
(with flexible tools)



SLTR SIC lamellar flap disc **NEW**



★★☆

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

| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|---------|------|-------|----------------------|---------------|
| A67181150401422 | SLTR 115 | SIC 40 | 115 | 22.23 | 13,300 | 10 |
| A67181150601422 | SLTR 115 | SIC 60 | 115 | 22.23 | 13,300 | 10 |
| A67181150801422 | SLTR 115 | SIC 80 | 115 | 22.23 | 13,300 | 10 |
| A67181151501422 | SLTR 115 | SIC 150 | 115 | 22.23 | 13,300 | 10 |

Recommended for: ● Aluminium ● Cast material

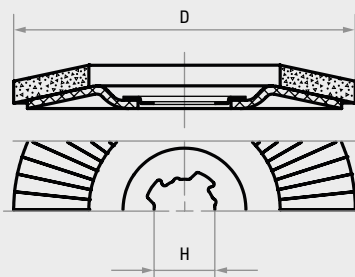


TOOL CHANGING IN NO TIME AT ALL

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

Photo: Bosch

SLTR X-LOCK lamellar flap disc



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

★★☆

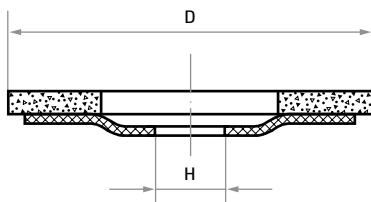
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|-------|---------|--------------|-------------------------|------------------|
| A67181250401865 | SLTR 125 | ZK 40 | 125 | X-LOCK/22.23 | 12,200 | 10 |
| A67181250601865 | SLTR 125 |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

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



SLTO / SLTR lamellar flap disc, zirconia alumina

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



★★☆

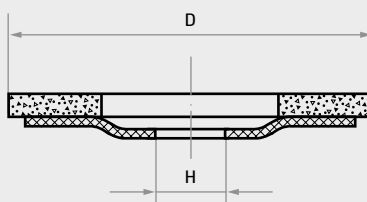
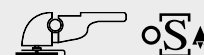
| Product number | Description | Grit | Drawing | D mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|--------|---------|------|-------|----------------------|---------------|
| A27151000401423 | SLTO 100 | ZK 40 | | 100 | 16.00 | 15,300 | 10 NEW |
| A27151150401406 | SLTO 115 | ZK 40 | | 115 | 22.23 | 13,300 | 10 |
| A27151150601406 | SLTO 115 | ZK 60 | | 115 | 22.23 | 13,300 | 10 |
| A27151150801406 | SLTO 115 | ZK 80 | | 115 | 22.23 | 13,300 | 10 |
| A27151250401406 | SLTO 125 | ZK 40 | | 125 | 22.23 | 12,200 | 10 |
| A27151250601406 | SLTO 125 | ZK 60 | | 125 | 22.23 | 12,200 | 10 |
| A27151250801406 | SLTO 125 | ZK 80 | | 125 | 22.23 | 12,200 | 10 |
| A27151780361401 | SLTO 178 | ZK 36 | | 178 | 22.23 | 8,500 | 10 |
| A27151780401401 | SLTO 178 | ZK 40 | | 178 | 22.23 | 8,500 | 10 |
| A27151781201401 | SLTO 178 | ZK 120 | | 178 | 22.23 | 8,500 | 10 |
| A27181000401423 | SLTR 100 | ZK 40 | | 100 | 16.00 | 15,300 | 10 |
| A27181000601423 | SLTR 100 | ZK 60 | | 100 | 16.00 | 15,300 | 10 |
| A27181000801423 | SLTR 100 | ZK 80 | | 100 | 16.00 | 15,300 | 10 |
| A27181150361406 | SLTR 115 | ZK 36 | | 115 | 22.23 | 13,300 | 10 |
| A27181150401406 | SLTR 115 | ZK 40 | | 115 | 22.23 | 13,300 | 10 |
| A27181150601406 | SLTR 115 | ZK 60 | | 115 | 22.23 | 13,300 | 10 |
| A27181150801406 | SLTR 115 | ZK 80 | | 115 | 22.23 | 13,300 | 10 |
| A27181151201406 | SLTR 115 | ZK 120 | | 115 | 22.23 | 13,300 | 10 |
| A27181250361406 | SLTR 125 | ZK 36 | | 125 | 22.23 | 12,200 | 10 |
| A27181250401406 | SLTR 125 | ZK 40 | | 125 | 22.23 | 12,200 | 10 |
| A27181250601406 | SLTR 125 | ZK 60 | | 125 | 22.23 | 12,200 | 10 |
| A27181250801406 | SLTR 125 | ZK 80 | | 125 | 22.23 | 12,200 | 10 |
| A27181251201406 | SLTR 125 | ZK 120 | | 125 | 22.23 | 12,200 | 10 |
| A27181500401416 | SLTR 150 | ZK 40 | | 150 | 22.23 | 10,200 | 10 |
| A27181500601416 | SLTR 150 | ZK 60 | | 150 | 22.23 | 10,200 | 10 |
| A27181500801416 | SLTR 150 | ZK 80 | | 150 | 22.23 | 10,200 | 10 |
| A27181780361401 | SLTR 178 | ZK 36 | | 178 | 22.23 | 8,500 | 10 |
| A27181780401401 | SLTR 178 | ZK 40 | | 178 | 22.23 | 8,500 | 10 |
| A27181780601401 | SLTR 178 | ZK 60 | | 178 | 22.23 | 8,500 | 10 |
| A27181780801401 | SLTR 178 | ZK 80 | | 178 | 22.23 | 8,500 | 10 |

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

EFFICIENTLY MACHINE WELD SEAMS WITH REGULAR ALUMINIUM OXIDE

EASY TO USE, MINIMUM VIBRATION AND HIGH CRACK RESISTANCE

SLTO / SLTR lamellar flap disc, regular aluminium oxide



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

★★★

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

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



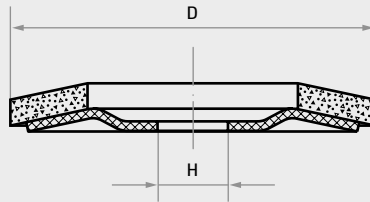
THE ECONOMICAL BASE-X

ACHIEVE HIGH REMOVAL RATES WITH HARD AND SHARP ZIRCONIA ALUMINA



SLTO / SLTR BASE-X lamellar flap disc

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

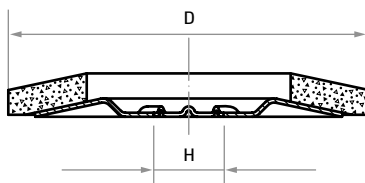
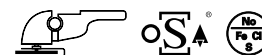


★☆☆

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

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

SLTB lamellar flap disc

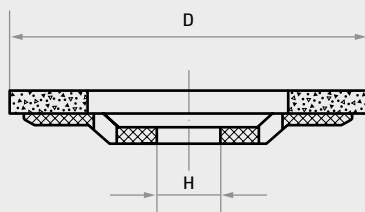
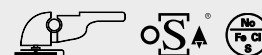


- especially robust lamellar flap disc thanks to the steel backing plate
- well suited for deburring, fettling, derusting, smoothening and weld seam machining
- good heat dissipation for cool grinding
- very good price-to-performance ratio thanks to the rectangular flaps
- always remains sharp throughout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

★★☆

| Product number | Description | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|--|-------------|--------|------|-------|---------------|---------------|
| A2250115040 | SLTB 115 | ZK 40 | 115 | 22.23 | 13,300 | 10 |
| A2250115060 | SLTB 115 | ZK 60 | 115 | 22.23 | 13,300 | 10 |
| A2250115080 | SLTB 115 | ZK 80 | 115 | 22.23 | 13,300 | 10 |
| NEW A62501151200016 | SLTB 115 | ZK 120 | 115 | 22.23 | 13,300 | 10 |
| A2250125040 | SLTB 125 | ZK 40 | 125 | 22.23 | 12,200 | 10 |
| A2250125060 | SLTB 125 | ZK 60 | 125 | 22.23 | 12,200 | 10 |
| A2250125080 | SLTB 125 | ZK 80 | 125 | 22.23 | 12,200 | 10 |
| A2250178040 | SLTB 178 | ZK 40 | 178 | 22.23 | 8,500 | 10 |
| A2250178060 | SLTB 178 | ZK 60 | 178 | 22.23 | 8,500 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium | | | | | | |
| NEW A62501150400005 | SLTB 115 | SIC 40 | 115 | 22.23 | 13,300 | 10 |
| Recommended for: ● Aluminium ● Cast material | | | | | | |

SLTK lamellar flap disc



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

★★☆

| Product number | Description | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|--|-------------|-------|------|-------|---------------|---------------|
| A27111150401623 | SLTK 115 | ZK 40 | 115 | 22.23 | 13,300 | 10 |
| A27111150601623 | SLTK 115 | ZK 60 | 115 | 22.23 | 13,300 | 10 |
| A27111250401623 | SLTK 125 | ZK 40 | 125 | 22.23 | 12,200 | 10 |
| A27111250601623 | SLTK 125 | ZK 60 | 125 | 22.23 | 12,200 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium | | | | | | |

COOLING AND QUICK-CLAMPING THREAD

SLTK LAMELLAR FLAP DISC WITH PRACTICAL PLASTIC BACKING PLATE

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

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

FIND OUT ABOUT OUR SELF-CLAMPING MINI LAMELLAR FLAP DISCS ON **PAGE 258**

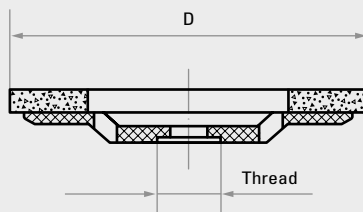


GRINDING AND POLISHING
(with flexible tools)



SLTK lamellar flap disc with quick-clamping thread

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

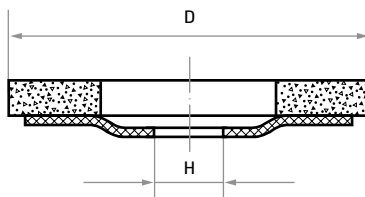


★★☆

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

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

SLTM lamellar flap disc

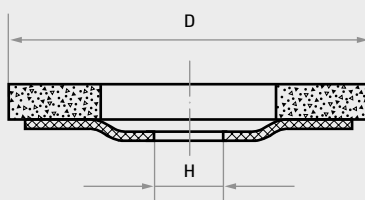
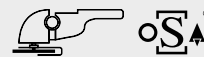


- made from an abrasive cloth and fleece mix for surface enhancement
- can be used without a backing pad on adjustable or low-speed angle grinders

★★☆

| | Product number | Description | Quality | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|---|-----------------|-------------|----------|------------|------|-------|---------------|---------------|
| NEW | A27131151041440 | SLTM 115 | A104/80 | NK 100/80 | 115 | 22.23 | 5,350 | 10 |
| NEW | A27131151061440 | SLTM 115 | A106/150 | NK 180/150 | 115 | 22.23 | 5,350 | 10 |
| NEW | A27131151071440 | SLTM 115 | A107/240 | NK 280/240 | 115 | 22.23 | 5,350 | 10 |
| Recommended use for A qualities: ● Inox/Steel ● Steel ● Cast material ● Plastic/Wood ● Aluminium ● Titanium | | | | | | | | |
| NEW | A27131152041441 | SLTM 115 | C204/80 | SIC 100/80 | 115 | 22.23 | 5,350 | 10 |
| Recommended use for C qualities: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material | | | | | | | | |

SLTV lamellar flap disc



- made of abrasive fleece for fine grinding, e.g. before polishing
- can be used without a backing pad on adjustable or low-speed angle grinders

★★☆

| | Product number | Description | Quality | Grit | D mm | H mm | n_{max} rpm | Pack contains |
|---|-----------------|-------------|---------|---------|------|-------|---------------|---------------|
| NEW | A27221151041430 | SLTV 115 | A104 | NK 100 | 115 | 22.23 | 5,350 | 10 |
| NEW | A27221151061430 | SLTV 115 | A106 | NK 180 | 115 | 22.23 | 5,350 | 10 |
| NEW | A27221151071430 | SLTV 115 | A107 | NK 280 | 115 | 22.23 | 5,350 | 10 |
| NEW | A67221781040030 | SLTV 178 | A104 | NK 100 | 178 | 22.23 | 3,400 | 5 |
| Recommended use for A qualities: ● Inox/Steel ● Steel ● Cast material ● Plastic/Wood ● Aluminium ● Titanium | | | | | | | | |
| NEW | A27221152061430 | SLTV 115 | C206 | SIC 180 | 115 | 22.23 | 5,300 | 10 |
| | A27221153061530 | SLTV 115 | Z306 | ZK 180 | 115 | 22.23 | 5,300 | 10 |
| | A27221153071530 | SLTV 115 | Z307 | ZK 280 | 115 | 22.23 | 5,300 | 10 |
| Recommended use for C and Z qualities: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material | | | | | | | | |

FROM FINE GRINDING TO POLISHING

A SMOOTH TRANSITION WITH LUKAS TOOLS

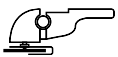


After the fine grinding, is polishing your next job? LUKAS offers a wide assortment of polishing tools especially designed for fine surface treatment and polishing work. Made of high quality raw materials, LUKAS polishing points, discs, sticks and rolls are precisely tailored to achieve the required degree of polishing for each individual application – through to shiny and mirror-like polishing. LUKAS polishing tools are divided into the groups P1 to P7 according to the respective intended use. You can find further information and the products **from page 113**.

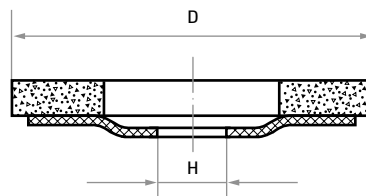
The LUKAS polishing tool range with its huge variety of different shapes allows you to choose the most suitable polishing tools for your specific fine machining (fine and ultra-fine grinding) or polishing requirements. This means that with our tools you can work in an extremely economical and especially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

THE LUKAS POLISHING DISC SET

After fine grinding your surfaces with an angle grinder, you can then easily achieve your desired polishing results with the LUKAS polishing disc set. Just use the different polishing discs from the LUKAS polishing set in sequence. Easily and quickly achieve everything from removing rust to a mirror finish with just a few tool changes and without switching machines. The practical LUKAS polishing disc sets can be found on **pages 136 – 139!**



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



SLTP polishing disc



★★★

| Product number | Description | D mm | H mm | Type/hardness | n _{max} rpm | Pack contains |
|--|-------------|---------|---------|---------------|-------------------------|------------------|
| A271611500414 | SLTP 115 W | 115 | 22.23 | fine | 8,300 | 5 NEW |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

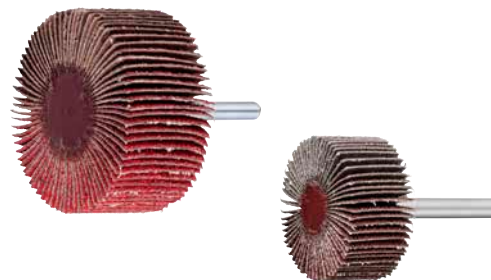
Mounted flap wheels made of abrasive cloth, abrasive fleece and a combination of both

SFL, MOUNTED FLAP WHEEL MADE OF ABRASIVE CLOTH

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

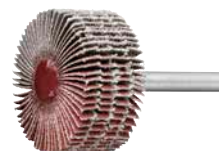
Application examples:

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



SFB, SLOTTED FLAP WHEEL

The slits around the circumference of the flaps add greater flexibility compared to a regular mounted flap wheel. This allows the slotted flap wheel to adapt itself even better to the contour of the workpiece.



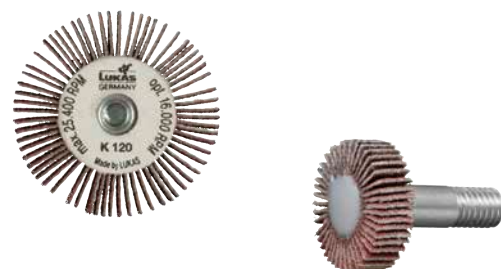
SFT, MOUNTED FLAP WHEEL WITH RECESS

These tools are suitable for both face and peripheral grinding.



SFI AND SFA, MOUNTED FLAP WHEELS MADE OF ABRASIVE CLOTH WITH INTERNAL OR EXTERNAL THREAD INCL. TOOL ADAPTERS

In contrast to the SFL, these mounted flap wheels also have a thread. With the appropriate adapter, the tool can be changed quickly without removing the tool adapter from the power tool. The adapter extends the shaft and optimises set-up time.

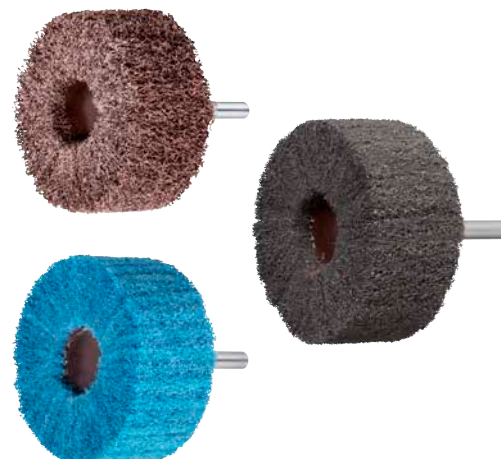


SFV, MOUNTED FLAP WHEEL MADE OF ABRASIVE FLEECE

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

Application examples:

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

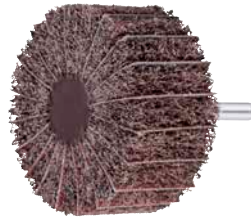


SFR, MOUNTED FLAP WHEEL MADE OF ABRASIVE FLEECE DISCS

These special tools are comprised of individual elastic fleece discs staked one upon the other. This makes them particularly suitable for machining profiled workpieces.

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

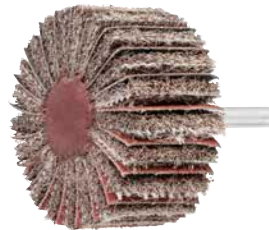
These tools comprise single fleece and cloth flaps radially fixed around the axis of the tool; they are available in regular aluminium oxide (A) and silicon carbide (C). The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared with type SFV. SFM are mainly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

**Application examples:**

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

SFM, MOUNTED FLAP WHEEL MADE OF TF MATERIAL

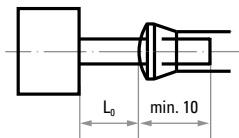
These tools are specially designed for use with non-rusting materials. The abrasive fleece with its reinforced backing guarantees even wear of the abrasive fleece and cloth flaps. Please pay attention to the rotating direction of the tool!

**MFS, MINI MOUNTED FLAP WHEELS**

These special tools are particularly suitable for deburring bore holes, internal tube machining and for machining aluminium rims, for example.

**SPEED**

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

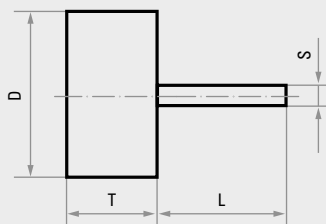
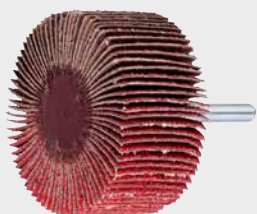


| Quality | Abrasive particles | Grit | Surface |
|---------|-------------------------|---------|------------|
| A104 | Regular aluminium oxide | NK 100 | medium |
| A106 | Regular aluminium oxide | NK 180 | fine |
| A107 | Regular aluminium oxide | NK 280 | very fine |
| C204 | Silicon carbide | SIC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

CERAMIC MOUNTED FLAP WHEELS FROM LUKAS FOR THE MOST PRECISE APPLICATIONS

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

SFL Ceramic mounted flap wheel



- especially high stock removal thanks to self-sharpening ceramic grain
- robust design for a long tool life
- used as a handheld tool, ideal for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling

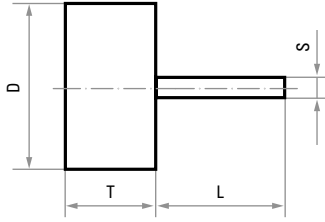
★★★

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|------------------------------|--------------|-------------|------|------|------|------|------------------------|----------------------|---------------|
| A2214020206080 | SFL 02020.06 | Ceramic 80 | 20 | 20 | 6 | 40 | 20,000 | 38,200 | 10 |
| A2214020206120 | SFL 02020.06 | Ceramic 120 | 20 | 20 | 6 | 40 | 20,000 | 38,200 | 10 |
| A2214030106060 | SFL 03010.06 | Ceramic 60 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2214030106080 | SFL 03010.06 | Ceramic 80 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| NEW A6214030306120 | SFL 03030.06 | Ceramic 120 | 30 | 30 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2214030106120 | SFL 03010.06 | Ceramic 120 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2214040206060 | SFL 04020.06 | Ceramic 60 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2214040206080 | SFL 04020.06 | Ceramic 80 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2214040206120 | SFL 04020.06 | Ceramic 120 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2214060156080 | SFL 06015.06 | Ceramic 80 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2214060156120 | SFL 06015.06 | Ceramic 120 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2214060306060 | SFL 06030.06 | Ceramic 60 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2214060306080 | SFL 06030.06 | Ceramic 80 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2214060306120 | SFL 06030.06 | Ceramic 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6214080056080001 | SFL 08005.06 | Ceramic 80 | 80 | 5 | 6 | 40 | 6,000 | 9,500 | 10 |

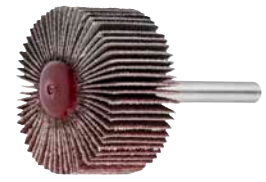
Recommended for: ● Inox/Steel ● Steel ● Titanium ● Aluminium ● Cast material



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



SFL mounted flap wheel



| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains | |
|-------------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|-----|
| A2200010103080 | SFL 01010.03 | NK 80 | 10 | 10 | 3 | 40 | 26,000 | 35,000 | 10 | |
| A2200010103120 | SFL 01010.03 | NK 120 | 10 | 10 | 3 | 40 | 26,000 | 35,000 | 10 | |
| A2200010103150 | SFL 01010.03 | NK 150 | 10 | 10 | 3 | 40 | 26,000 | 35,000 | 10 | |
| A2200010103240 | SFL 01010.03 | NK 240 | 10 | 10 | 3 | 40 | 26,000 | 35,000 | 10 | |
| A2200010153080 | SFL 01015.03 | NK 80 | 10 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A6200010153120 | SFL 01015.03 | NK 120 | 10 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | NEW |
| A6200010153320 | SFL 01015.03 | NK 320 | 10 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | NEW |
| A6200015013240 | SFL 1502.03 | NK 240 | 15 | 2 | 3 | 40 | 24,000 | 35,000 | 50 | NEW |
| A2200015103080 | SFL 01510.03 | NK 80 | 15 | 10 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A2200015103150 | SFL 01510.03 | NK 150 | 15 | 10 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A6200015103240 | SFL 01510.03 | NK 240 | 15 | 10 | 3 | 40 | 24,000 | 35,000 | 10 | NEW |
| A6200015103320 | SFL 01510.03 | NK 320 | 15 | 10 | 3 | 40 | 24,000 | 35,000 | 10 | NEW |
| A2200015106080 | SFL 01510.06 | NK 80 | 15 | 10 | 6 | 40 | 24,000 | 35,000 | 10 | |
| A6200015106240 | SFL 01510.06 | NK 240 | 15 | 10 | 6 | 40 | 24,000 | 35,000 | 10 | NEW |
| A6200015106320 | SFL 01510.06 | NK 320 | 15 | 10 | 6 | 40 | 24,000 | 35,000 | 10 | NEW |
| A2200015153080 | SFL 01515.03 | NK 80 | 15 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A2200015153120 | SFL 01515.03 | NK 120 | 15 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A2200015153150 | SFL 01515.03 | NK 150 | 15 | 15 | 3 | 40 | 24,000 | 35,000 | 10 | |
| A6200015206060 | SFL 01520.06 | NK 60 | 15 | 20 | 6 | 40 | 24,000 | 35,000 | 10 | NEW |
| A6200020033150 | SFL 02003.03 | NK 150 | 20 | 3 | 3 | 40 | 20,000 | 28,000 | 10 | NEW |
| A6200020053080 | SFL 02005.03 | NK 80 | 20 | 5 | 3 | 40 | 20,000 | 28,000 | 10 | NEW |
| A6200020053150 | SFL 02005.03 | NK 150 | 20 | 5 | 3 | 40 | 20,000 | 28,000 | 10 | NEW |
| A2200020056120 | SFL 02005.06 | NK 120 | 20 | 5 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A6200020056080 | SFL 02005.06 | NK 80 | 20 | 5 | 6 | 40 | 20,000 | 38,200 | 10 | NEW |
| A6200020103060 | SFL 02010.03 | NK 60 | 20 | 10 | 3 | 40 | 20,000 | 28,000 | 10 | NEW |
| A2200020103080 | SFL 02010.03 | NK 80 | 20 | 10 | 3 | 40 | 20,000 | 28,000 | 10 | |
| A2200020103120 | SFL 02010.03 | NK 120 | 20 | 10 | 3 | 40 | 20,000 | 28,000 | 10 | |
| A2200020103150 | SFL 02010.03 | NK 150 | 20 | 10 | 3 | 40 | 20,000 | 28,000 | 10 | |
| A2200020103320 | SFL 02010.03 | NK 320 | 20 | 10 | 3 | 40 | 20,000 | 28,000 | 10 | |
| A2200020106080 | SFL 02010.06 | NK 80 | 20 | 10 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020106120 | SFL 02010.06 | NK 120 | 20 | 10 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A6200020106320 | SFL 02010.06 | NK 320 | 20 | 10 | 6 | 40 | 20,000 | 38,200 | 10 | NEW |
| A6200020156040 | SFL 02015.06 | NK 40 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | NEW |
| A2200020156060 | SFL 02015.06 | NK 60 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020156080 | SFL 02015.06 | NK 80 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020156120 | SFL 02015.06 | NK 120 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020156150 | SFL 02015.06 | NK 150 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020156240 | SFL 02015.06 | NK 240 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A6200020156320001 | SFL 02015.06 | NK 320 | 20 | 15 | 6 | 40 | 20,000 | 38,200 | 10 | NEW |
| A2200020206060 | SFL 02020.06 | NK 60 | 20 | 20 | 6 | 40 | 20,000 | 38,200 | 10 | |
| A2200020206080 | SFL 02020.06 | NK 80 | 20 | 20 | 6 | 40 | 20,000 | 38,200 | 10 | |

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

| | Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|------------|----------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| NEW | A6200020206240 | SFL 02020.06 | NK 240 | 20 | 20 | 6 | 40 | 20,000 | 38,200 | 10 |
| NEW | A6200025053080 | SFL 02505.03 | NK 80 | 25 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200025053120 | SFL 02505.03 | NK 120 | 25 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| NEW | A6200025053150 | SFL 02505.03 | NK 150 | 25 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| NEW | A6200025056120 | SFL 02505.06 | NK 120 | 25 | 5 | 6 | 40 | 16,000 | 30,600 | 10 |
| NEW | A6200025056180 | SFL 02505.06 | NK 180 | 25 | 5 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025103080 | SFL 02510.03 | NK 80 | 25 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200025103120 | SFL 02510.03 | NK 120 | 25 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200025103150 | SFL 02510.03 | NK 150 | 25 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200025106080 | SFL 02510.06 | NK 80 | 25 | 10 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025106120 | SFL 02510.06 | NK 120 | 25 | 10 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025156080 | SFL 02515.06 | NK 80 | 25 | 15 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025156120 | SFL 02515.06 | NK 120 | 25 | 15 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025156150 | SFL 02515.06 | NK 150 | 25 | 15 | 6 | 40 | 16,000 | 30,600 | 10 |
| NEW | A6200025156240 | SFL 02515.06 | NK 240 | 25 | 15 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025206080 | SFL 02520.06 | NK 80 | 25 | 20 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025206120 | SFL 02520.06 | NK 120 | 25 | 20 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025256080 | SFL 02525.06 | NK 80 | 25 | 25 | 6 | 40 | 16,000 | 30,600 | 10 |
| | A2200025256150 | SFL 02525.06 | NK 150 | 25 | 25 | 6 | 40 | 16,000 | 30,600 | 10 |
| NEW | A6200030033080 | SFL 03003.03 | NK 80 | 30 | 3 | 3 | 40 | 16,000 | 18,000 | 10 |
| NEW | A6200030033150 | SFL 03003.03 | NK 150 | 30 | 3 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053060 | SFL 03005.03 | NK 60 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053080 | SFL 03005.03 | NK 80 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053120 | SFL 03005.03 | NK 120 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053150 | SFL 03005.03 | NK 150 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053240 | SFL 03005.03 | NK 240 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030053320 | SFL 03005.03 | NK 320 | 30 | 5 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030056060 | SFL 03005.06 | NK 60 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| NEW | A2230030056060 | SFL 03005.06 | NK 60 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 20 |
| | A2200030056080 | SFL 03005.06 | NK 80 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056100 | SFL 03005.06 | NK 100 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056120 | SFL 03005.06 | NK 120 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056150 | SFL 03005.06 | NK 150 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056180 | SFL 03005.06 | NK 180 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056240 | SFL 03005.06 | NK 240 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030056320 | SFL 03005.06 | NK 320 | 30 | 5 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030103060 | SFL 03010.03 | NK 60 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030103080 | SFL 03010.03 | NK 80 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030103120 | SFL 03010.03 | NK 120 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030103150 | SFL 03010.03 | NK 150 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030103240 | SFL 03010.03 | NK 240 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030103320 | SFL 03010.03 | NK 320 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| | A2200030106060 | SFL 03010.06 | NK 60 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030106080 | SFL 03010.06 | NK 80 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030106120 | SFL 03010.06 | NK 120 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030106150 | SFL 03010.06 | NK 150 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030106240 | SFL 03010.06 | NK 240 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030106320 | SFL 03010.06 | NK 320 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| | A2200030156060 | SFL 03015.06 | NK 60 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 |

Recommended for:

● Inox/Steel

● Steel

● Aluminium

● Cast material

● Plastic/Wood

● Titanium

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2200030156080 | SFL 03015.06 | NK 80 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2200030156120 | SFL 03015.06 | NK 120 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2200030156150 | SFL 03015.06 | NK 150 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 |
| A6200030156240 | SFL 03015.06 | NK 240 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 NEW |
| A6200030156320 | SFL 03015.06 | NK 320 | 30 | 15 | 6 | 40 | 16,000 | 25,400 | 10 NEW |
| A2200030206040 | SFL 03020.06 | NK 40 | 30 | 20 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2200030206060 | SFL 03020.06 | NK 60 | 30 | 20 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2200030206080 | SFL 03020.06 | NK 80 | 30 | 20 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2200030206120 | SFL 03020.06 | NK 120 | 30 | 20 | 6 | 40 | 16,000 | 25,400 | 10 |
| A6200030306060 | SFL 03030.06 | NK 60 | 30 | 30 | 6 | 40 | 16,000 | 25,400 | 10 NEW |
| A6200040056080 | SFL 04005.06 | NK 80 | 40 | 5 | 6 | 40 | 12,000 | 19,100 | 10 NEW |
| A2200040056100 | SFL 04005.06 | NK 100 | 40 | 5 | 6 | 40 | 12,200 | 19,100 | 10 |
| A6200040056120 | SFL 04005.06 | NK 120 | 40 | 5 | 6 | 40 | 12,000 | 19,100 | 10 NEW |
| A6200040056180 | SFL 04005.06 | NK 180 | 40 | 5 | 6 | 40 | 12,000 | 19,100 | 10 NEW |
| A2200040103080 | SFL 04010.03 | NK 80 | 40 | 10 | 3 | 40 | 12,000 | 14,000 | 10 |
| A2200040103150 | SFL 04010.03 | NK 150 | 40 | 10 | 3 | 40 | 12,000 | 14,000 | 10 |
| A2200040106060 | SFL 04010.06 | NK 60 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106080 | SFL 04010.06 | NK 80 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106120 | SFL 04010.06 | NK 120 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106150 | SFL 04010.06 | NK 150 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106180 | SFL 04010.06 | NK 180 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106240 | SFL 04010.06 | NK 240 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040106320 | SFL 04010.06 | NK 320 | 40 | 10 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156040 | SFL 04015.06 | NK 40 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156060 | SFL 04015.06 | NK 60 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156080 | SFL 04015.06 | NK 80 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156120 | SFL 04015.06 | NK 120 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156150 | SFL 04015.06 | NK 150 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156240 | SFL 04015.06 | NK 240 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040156320 | SFL 04015.06 | NK 320 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206040 | SFL 04020.06 | NK 40 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206060 | SFL 04020.06 | NK 60 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206080 | SFL 04020.06 | NK 80 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206120 | SFL 04020.06 | NK 120 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206150 | SFL 04020.06 | NK 150 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A6200040206180 | SFL 04020.06 | NK 180 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 NEW |
| A2200040206240 | SFL 04020.06 | NK 240 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040206320 | SFL 04020.06 | NK 320 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040306040 | SFL 04030.06 | NK 40 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040306060 | SFL 04030.06 | NK 60 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2200040306080 | SFL 04030.06 | NK 80 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |
| A6200050056060 | SFL 05005.06 | NK 60 | 50 | 5 | 6 | 40 | 9,000 | 15,300 | 10 NEW |
| A6200050056080 | SFL 05005.06 | NK 80 | 50 | 5 | 6 | 40 | 9,000 | 15,300 | 10 NEW |
| A6200050056120 | SFL 05005.06 | NK 120 | 50 | 5 | 6 | 40 | 9,000 | 15,300 | 10 NEW |
| A6200050056180 | SFL 05005.06 | NK 180 | 50 | 5 | 6 | 40 | 9,000 | 15,300 | 10 NEW |
| A6200050056240 | SFL 05005.06 | NK 240 | 50 | 5 | 6 | 40 | 9,000 | 15,300 | 10 NEW |
| A2200050106060 | SFL 05010.06 | NK 60 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050106080 | SFL 05010.06 | NK 80 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050106100 | SFL 05010.06 | NK 100 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |

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

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|------------------------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2200050106120 | SFL 05010.06 | NK 120 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050106150 | SFL 05010.06 | NK 150 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050106240 | SFL 05010.06 | NK 240 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156040 | SFL 05015.06 | NK 40 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156060 | SFL 05015.06 | NK 60 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156080 | SFL 05015.06 | NK 80 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156120 | SFL 05015.06 | NK 120 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156150 | SFL 05015.06 | NK 150 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156240 | SFL 05015.06 | NK 240 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050156320 | SFL 05015.06 | NK 320 | 50 | 15 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206040 | SFL 05020.06 | NK 40 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206060 | SFL 05020.06 | NK 60 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206080 | SFL 05020.06 | NK 80 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206120 | SFL 05020.06 | NK 120 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206150 | SFL 05020.06 | NK 150 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206240 | SFL 05020.06 | NK 240 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050206320 | SFL 05020.06 | NK 320 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306040 | SFL 05030.06 | NK 40 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306060 | SFL 05030.06 | NK 60 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306080 | SFL 05030.06 | NK 80 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306120 | SFL 05030.06 | NK 120 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306150 | SFL 05030.06 | NK 150 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2200050306320 | SFL 05030.06 | NK 320 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| NEW A6200060056060 | SFL 06005.06 | NK 60 | 60 | 5 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060056080 | SFL 06005.06 | NK 80 | 60 | 5 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060056120 | SFL 06005.06 | NK 120 | 60 | 5 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060056240 | SFL 06005.06 | NK 240 | 60 | 5 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060086080 | SFL 06008.06 | NK 80 | 60 | 8 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060086150001 | SFL 06008.06 | NK 150 | 60 | 8 | 6 | 40 | 8,000 | 12,700 | 10 |
| NEW A6200060086320002 | SFL 06008.06 | NK 320 | 60 | 8 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060106060 | SFL 06010.06 | NK 60 | 60 | 10 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060106080 | SFL 06010.06 | NK 80 | 60 | 10 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060106100 | SFL 06010.06 | NK 100 | 60 | 10 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156040 | SFL 06015.06 | NK 40 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156060 | SFL 06015.06 | NK 60 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156080 | SFL 06015.06 | NK 80 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156120 | SFL 06015.06 | NK 120 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156150 | SFL 06015.06 | NK 150 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156240 | SFL 06015.06 | NK 240 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060156320 | SFL 06015.06 | NK 320 | 60 | 15 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206040 | SFL 06020.06 | NK 40 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206060 | SFL 06020.06 | NK 60 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206080 | SFL 06020.06 | NK 80 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206120 | SFL 06020.06 | NK 120 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206150 | SFL 06020.06 | NK 150 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206240 | SFL 06020.06 | NK 240 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060206320 | SFL 06020.06 | NK 320 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306040 | SFL 06030.06 | NK 40 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306060 | SFL 06030.06 | NK 60 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |

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

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|-------------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2200060306080 | SFL 06030.06 | NK 80 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306100 | SFL 06030.06 | NK 100 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306120 | SFL 06030.06 | NK 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306150 | SFL 06030.06 | NK 150 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060306240 | SFL 06030.06 | NK 240 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A6200060306240 | SFL 06030.06 | NK 240 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 NEW |
| A2200060306320 | SFL 06030.06 | NK 320 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406040 | SFL 06040.06 | NK 40 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406060 | SFL 06040.06 | NK 60 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406080 | SFL 06040.06 | NK 80 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406120 | SFL 06040.06 | NK 120 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406150 | SFL 06040.06 | NK 150 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406240 | SFL 06040.06 | NK 240 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060406320 | SFL 06040.06 | NK 320 | 60 | 40 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2200060506040 | SFL 06050.06 | NK 40 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A2200060506060 | SFL 06050.06 | NK 60 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A2200060506080 | SFL 06050.06 | NK 80 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A2200060506120 | SFL 06050.06 | NK 120 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A2200060506150 | SFL 06050.06 | NK 150 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A2200060506240 | SFL 06050.06 | NK 240 | 60 | 50 | 6 | 40 | 8,000 | 8,500 | 10 |
| A6200080056060 | SFL 08005.06 | NK 60 | 80 | 5 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080056080001 | SFL 08005.06 | NK 80 | 80 | 5 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080056120001 | SFL 08005.06 | NK 120 | 80 | 5 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080066080 | SFL 08006.06 | NK 80 | 80 | 6 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080086120001 | SFL 08008.06 | NK 120 | 80 | 8 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080086150 | SFL 08008.06 | NK 150 | 80 | 8 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080106060 | SFL 08010.06 | NK 60 | 80 | 10 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080106060002 | SFL 08010.06 | NK 60 | 80 | 10 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080106080 | SFL 08010.06 | NK 80 | 80 | 10 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080106150 | SFL 08010.06 | NK 150 | 80 | 10 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080106320 | SFL 08010.06 | NK 320 | 80 | 10 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080156060 | SFL 08015.06 | NK 60 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080156080 | SFL 08015.06 | NK 80 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080156120 | SFL 08015.06 | NK 120 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080156150 | SFL 08015.06 | NK 150 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080156240 | SFL 08015.06 | NK 240 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080156320 | SFL 08015.06 | NK 320 | 80 | 15 | 6 | 40 | 6,000 | 9,500 | 10 |
| A6200080206040 | SFL 08020.06 | NK 40 | 80 | 20 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080206060 | SFL 08020.06 | NK 60 | 80 | 20 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080206080 | SFL 08020.06 | NK 80 | 80 | 20 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080206150 | SFL 08020.06 | NK 150 | 80 | 20 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080306040 | SFL 08030.06 | NK 40 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| A6200080306040002 | SFL 08030.06 | NK 40 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A6200080306050001 | SFL 08030.06 | NK 50 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080306060 | SFL 08030.06 | NK 60 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080306080 | SFL 08030.06 | NK 80 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2200080306120 | SFL 08030.06 | NK 120 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| A6200080306120001 | SFL 08030.06 | NK 120 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 NEW |
| A2200080306150 | SFL 08030.06 | NK 150 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |

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

| | Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|----------------|--------------|--------|---------|---------|---------|---------|---------------------------|-------------------------|------------------|
| NEW | A6200080306180 | SFL 08030.06 | NK 180 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| NEW | A6200080306240 | SFL 08030.06 | NK 240 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| | A2200080306320 | SFL 08030.06 | NK 320 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| NEW | A6200080306320 | SFL 08030.06 | NK 320 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| | A2200080406060 | SFL 08040.06 | NK 60 | 80 | 40 | 6 | 40 | 6,000 | 9,500 | 10 |
| | A2200080406080 | SFL 08040.06 | NK 80 | 80 | 40 | 6 | 40 | 6,000 | 9,500 | 10 |
| NEW | A6200080406120 | SFL 08040.06 | NK 120 | 80 | 40 | 6 | 40 | 6,000 | 9,500 | 10 |
| NEW | A6200080408060 | SFL 08040.08 | NK 60 | 80 | 40 | 8 | 40 | 6,000 | 9,500 | 10 |
| | A2200080506040 | SFL 08050.06 | NK 40 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506060 | SFL 08050.06 | NK 60 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506080 | SFL 08050.06 | NK 80 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506120 | SFL 08050.06 | NK 120 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506150 | SFL 08050.06 | NK 150 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506240 | SFL 08050.06 | NK 240 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| | A2200080506320 | SFL 08050.06 | NK 320 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |
| NEW | A6200100106100 | SFL 10010.06 | NK 100 | 100 | 10 | 6 | 40 | 5,000 | 7,500 | 10 |
| NEW | A6200100106180 | SFL 10010.06 | NK 180 | 100 | 10 | 6 | 40 | 26,000 | 35,000 | 10 |
| | A2200100408040 | SFL 10040.08 | NK 40 | 100 | 40 | 8 | 40 | 5,000 | 7,500 | 10 |
| | A2200100508080 | SFL 10050.08 | NK 80 | 100 | 50 | 8 | 40 | 5,000 | 7,500 | 10 |
| | A2200100508150 | SFL 10050.08 | NK 150 | 100 | 50 | 8 | 40 | 5,000 | 7,500 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | | |

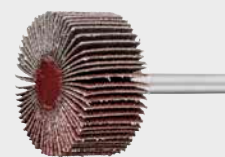
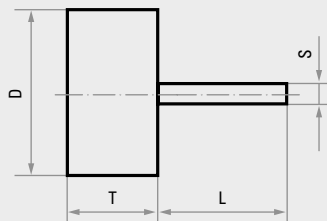
EFFICIENT AND PRODUCTIVE SURFACE GRINDING
– SEE OUR MOUNTED FLAP WHEELS IN ACTION!





SFL Base-X mounted flap wheel

- for rough and fine grinding of many different materials
- used as a handheld tool, good for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling
- good price-to-performance ratio with regular aluminium oxide



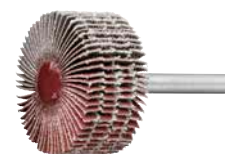
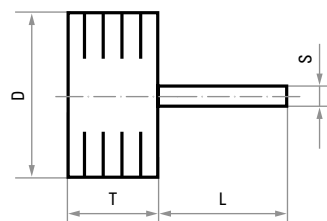
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| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2230030106060 | SFL 03010.06 | NK 60 | 30 | 10 | 6 | 40 | 16,000 | 18,000 | 20 |
| A2230030106080 | SFL 03010.06 | NK 80 | 30 | 10 | 6 | 40 | 16,000 | 18,000 | 20 |
| A2230030106120 | SFL 03010.06 | NK 120 | 30 | 10 | 6 | 40 | 16,000 | 18,000 | 20 |
| A2230030106150 | SFL 03010.06 | NK 150 | 30 | 10 | 6 | 40 | 16,000 | 18,000 | 20 |
| A2230040156080 | SFL 04015.06 | NK 80 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 20 |
| A2230040156120 | SFL 04015.06 | NK 120 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 20 |
| A2230040156150 | SFL 04015.06 | NK 150 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 20 |
| A2230040206040 | SFL 04020.06 | NK 40 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 20 |
| A2230040206060 | SFL 04020.06 | NK 60 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 20 |
| A2230050106060 | SFL 05010.06 | NK 60 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230050106080 | SFL 05010.06 | NK 80 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230050106120 | SFL 05010.06 | NK 120 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230050106150 | SFL 05010.06 | NK 150 | 50 | 10 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230050206060 | SFL 05020.06 | NK 60 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230050206080 | SFL 05020.06 | NK 80 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 20 |
| A2230060306040 | SFL 06030.06 | NK 40 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 20 |
| A2230060306060 | SFL 06030.06 | NK 60 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 20 |
| A2230060306080 | SFL 06030.06 | NK 80 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 20 |
| A2230060306120 | SFL 06030.06 | NK 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 20 |
| A2230060306150 | SFL 06030.06 | NK 150 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 20 |

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

SFB slotted flap wheel

- slitted flaps for greater flexibility
- adapts itself perfectly to the contours of the workpiece
- used as a handheld tool, suitable for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling

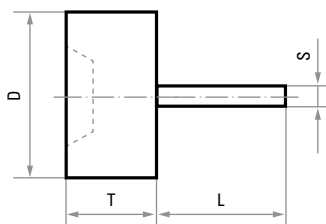
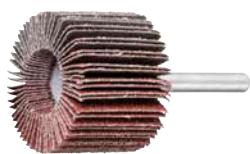


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| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2220040206080 | SFB 04020.06 | NK 80 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2220050206080 | SFB 05020.06 | NK 80 | 50 | 20 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2220050306120 | SFB 05030.06 | NK 120 | 50 | 30 | 6 | 40 | 9,000 | 15,300 | 10 |
| A2220060306080 | SFB 06030.06 | NK 80 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2220060306120 | SFB 06030.06 | NK 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |

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

SFT mounted flap wheel with recess



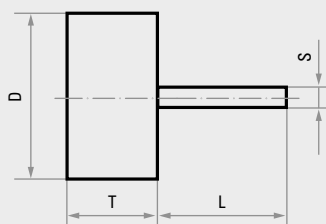
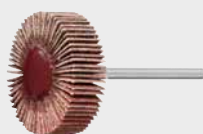
- mounted flap wheels with recess: optimised for face and peripheral grinding
- used as a handheld tool, suitable for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling
- for rough and fine grinding of many different materials

★★★

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n_{recom} rpm | n_{max} rpm | Pack contains |
|-------------------|--------------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A6210030306120003 | SFT 03030.06 | NK 120 | 30 | 30 | 6 | 30 | 12,000 | 19,000 | 10 |
| A3100040306060 | SFT 04030.06 | NK 60 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |
| A3100040306080 | SFT 04030.06 | NK 80 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |
| A3100040306150 | SFT 04030.06 | NK 150 | 40 | 30 | 6 | 40 | 12,000 | 19,100 | 10 |

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

SFT mounted flap wheel for stainless steel



- regular aluminium oxide with active abrasive surface layer
- optimised for use on stainless steel
- used as a handheld tool, suitable for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling

★★☆

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n_{recom} rpm | n_{max} rpm | Pack contains |
|----------------|--------------|---------|------|------|------|------|------------------------|----------------------|---------------|
| A2201030103120 | SFE 03010.03 | NKE 120 | 30 | 10 | 3 | 40 | 16,000 | 18,000 | 10 |
| A2201030106060 | SFE 03010.06 | NKE 60 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2201030106080 | SFE 03010.06 | NKE 80 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2201030106150 | SFE 03010.06 | NKE 150 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2201040156060 | SFE 04015.06 | NKE 60 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2201040156080 | SFE 04015.06 | NKE 80 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2201040156120 | SFE 04015.06 | NKE 120 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A2201060206080 | SFE 06020.06 | NKE 80 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2201060306060 | SFE 06030.06 | NKE 60 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2201060306120 | SFE 06030.06 | NKE 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2201080306080 | SFE 08030.06 | NKE 80 | 80 | 30 | 6 | 40 | 6,000 | 9,500 | 10 |
| A2201080506080 | SFE 08050.06 | NKE 80 | 80 | 50 | 6 | 40 | 6,000 | 7,500 | 10 |

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

INNOVATIVE TOOLS FOR THE AEROSPACE INDUSTRY

PRECISION TOOLS FOR THE MOST DEMANDING REQUIREMENTS

LUKAS has been following the developments in the aerospace industry for some considerable time. Today, we are the internationally acknowledged specialist for innovative solutions and the manufacture of high-performance tools for the aerospace industry. We are familiar with the industry's special

requirements, and have developed highly specialised tool solutions. 10,000 special solutions and numerous innovations are in use worldwide – not only our own, but above all your products will always be ready for whatever the future holds.



HIGH-TECH TOOLS

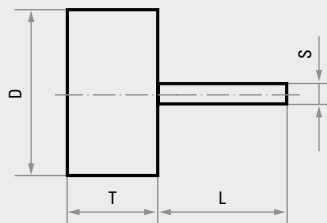
Machining high-tech materials used in the aerospace industry, such as aluminium, titanium, nickel-based alloys or composite materials, requires high-tech tools of the utmost reliability. LUKAS tools for the aerospace industry, e.g. with silicon carbide, can handle the most demanding requirements for reliability, durability and efficiency.

It all comes down to ongoing optimisation of their quality and economic efficiency. The cost-saving potential from selecting the right tool, one that is perfectly suited for the high-tech materials which require processing, also plays a key role. Our goal: the best performance for you!

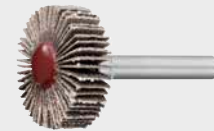
Discover more tools with silicon carbide for the aerospace industry in all the LUKAS product range.



- special quality, e.g. for the aerospace industry
- ideally suited for machining aluminium and aluminium alloys, titanium materials, glass, ceramic, high-temperature steels and plastics
- used as a handheld tool, suitable for smoothening, derusting, fettling, deburring, surface grinding, texturing and bevelling



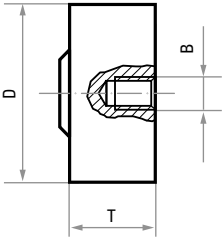
SFC mounted flap wheel, silicon carbide



★★☆

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|--------------|---------|---------|---------|---------|---------|---------------------------|-------------------------|------------------|
| A2202030106080 | SFC 03010.06 | SIC 80 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2202030106150 | SFC 03010.06 | SIC 150 | 30 | 10 | 6 | 40 | 16,000 | 25,400 | 10 |
| A2202040156080 | SFC 04015.06 | SIC 80 | 40 | 15 | 6 | 40 | 12,000 | 19,100 | 10 |
| A6202040206240 | SFC 04020.06 | SIC 240 | 40 | 20 | 6 | 40 | 12,000 | 19,100 | 10 NEW |
| A6202060106150 | SFC 06010.06 | SIC 150 | 60 | 10 | 6 | 40 | 8,000 | 12,700 | 10 NEW |
| A2202060206080 | SFC 06020.06 | SIC 80 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A2202060206120 | SFC 06020.06 | SIC 120 | 60 | 20 | 6 | 40 | 8,000 | 12,700 | 10 |
| A6202060306060 | SFC 06030.06 | SIC 60 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 NEW |
| A2202060306120 | SFC 06030.06 | SIC 120 | 60 | 30 | 6 | 40 | 8,000 | 12,700 | 10 |
| Recommended for: ● Aluminium ● Stone/Construction material ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material | | | | | | | | | |

SFI mounted flap wheel with internal thread



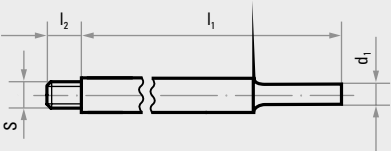
- machine difficult-to-reach areas with the suitable long shank
- thread connection for fast tool changing
- used as a handheld tool, suitable for smoothening, derusting, fettling, deburring, surface grinding, texturing and bevelling
- for rough and fine grinding of many different materials
- The specified maximum permissible speeds only apply when using the matching tool adapter (see below).

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| | Product number | Description | Grit | D mm | T mm | B Thread | n _{recom} rpm | n _{max} rpm | matching tool adapter | Pack contains |
|--|----------------|--------------|--------|------|------|----------|------------------------|----------------------|-----------------------|---------------|
| | A2207030050120 | SFI 03005.M4 | NK 120 | 30 | 5 | M4 | 16,000 | 18,000 | WADI 0404 | 10 |
| NEW | A6207030100080 | SFI 03010.M4 | NK 80 | 30 | 10 | M4 | 16,000 | 18,000 | WADI 0407 | 10 |
| | A2207030100120 | SFI 03010.M4 | NK 120 | 30 | 10 | M4 | 16,000 | 18,000 | WADI 0407 | 10 |
| | A2207030100150 | SFI 03010.M4 | NK 150 | 30 | 10 | M4 | 16,000 | 18,000 | WADI 0407 | 10 |
| NEW | A6207040050150 | SFI 04005.M4 | NK 150 | 40 | 5 | M4 | 10,000 | 10,000 | WADI 0407 | 10 |
| | A2207040150080 | SFI 04015.M6 | NK 80 | 40 | 15 | M6 | 10,000 | 10,000 | WADI 0609 | 10 |
| | A2207040150120 | SFI 04015.M6 | NK 120 | 40 | 15 | M6 | 10,000 | 10,000 | WADI 0609 | 10 |
| | A2207050200080 | SFI 05020.M6 | NK 80 | 50 | 20 | M6 | 7,500 | 7,500 | WADI 0612 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | | |

GRINDING AND POLISHING
(with flexible tools)

Tool adapters for SFI mounted flap wheels



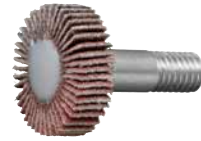
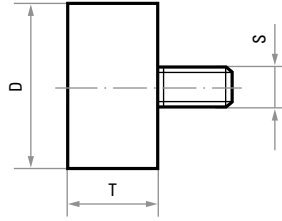
★★☆

| Product number | Description | d ₁ mm | l ₁ mm | S Thread | 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 |



SFA mounted flap wheel with external thread

- machine difficult-to-reach areas with the suitable long shank
- thread connection for fast tool changing
- used as a handheld tool, suitable for smoothing, derusting, fettling, deburring, surface grinding, texturing and bevelling
- for rough and fine grinding of many different materials
- The specified maximum permissible speeds only apply when using the matching tool adapter (see below).

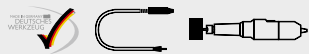


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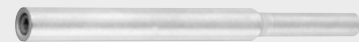
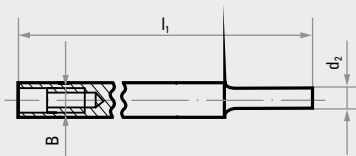
| Product number | Description | Grit | D mm | T mm | S Thread | n _{recom} rpm | n _{max} rpm | Pack contains |
|-------------------|--------------|--------|------|------|----------|------------------------|----------------------|---------------|
| A2200015055150 | SFA 01505.M5 | NK 150 | 15 | 5 | M5 | 16,000 | 18,000 | 10 |
| A2200015055240 | SFA 01505.M5 | NK 240 | 15 | 5 | M5 | 16,000 | 18,000 | 10 |
| A6200020055120 | SFA 02005.M5 | NK 120 | 20 | 5 | M5 | 16,000 | 18,000 | 10 NEW |
| A2200020055150 | SFA 02005.M5 | NK 150 | 20 | 5 | M5 | 16,000 | 18,000 | 10 |
| A6200020055180 | SFA 02005.M5 | NK 180 | 20 | 5 | M5 | 16,000 | 18,000 | 10 NEW |
| A2200020055240 | SFA 02005.M5 | NK 240 | 20 | 5 | M5 | 16,000 | 18,000 | 10 |
| A6200020055320 | SFA 02005.M5 | NK 320 | 20 | 5 | M5 | 16,000 | 18,000 | 10 NEW |
| A6200020056150001 | SFA 02005.M6 | NK 150 | 20 | 5 | M6 | 16,000 | 18,000 | 10 NEW |
| A6200020056240001 | SFA 02005.M6 | NK 240 | 20 | 5 | M6 | 16,000 | 18,000 | 10 NEW |
| A2200030055120 | SFA 03005.M5 | NK 120 | 30 | 5 | M5 | 16,000 | 18,000 | 10 |
| A2200030055150 | SFA 03005.M5 | NK 150 | 30 | 5 | M5 | 16,000 | 18,000 | 10 |
| A2200030055240 | SFA 03005.M5 | NK 240 | 30 | 5 | M5 | 16,000 | 18,000 | 10 |
| A6200030056150002 | SFA 03005.M6 | NK 150 | 30 | 5 | M6 | 16,000 | 18,000 | 10 NEW |
| A6200040056150001 | SFA 04005.M6 | NK 150 | 40 | 5 | M6 | 10,000 | 10,000 | 10 NEW |

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

GRINDING AND POLISHING (with flexible tools)



Tool adapter



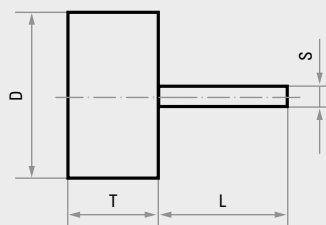
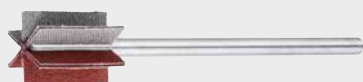
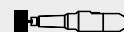
★★☆

| Product number | Description | Tool holder | d ₂ mm | l ₁ mm | B Thread | Pack contains |
|----------------|-------------|-----------------------|-------------------|-------------------|----------|---------------|
| A36300518 | WADA 05 | only for SFA M5 | 6 | 100 | M5 | 1 |
| A563001030571 | WADA 06 | only for SFA M6 | 6 | 50 | M6 | 1 NEW |
| A36300821 | WADA 08 | Universal tool holder | 8 | 130 | M8 | 1 NEW |

DEBURR EVEN THE SMALLEST BORES

LUKAS MINI FLAP WHEELS FOR FLEXIBLE AND FINE WORK

MFS mini flap wheel



- deburring bores
- manufacturing and cleaning of glass products
- internal pipe machining
- machining aluminium tyre rims
- machining bores in turbine blades
- versatile special applications

★★★☆☆

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{max} rpm | Pack contains |
|---|--------------|--------|------|------|------|------|----------------------|---------------|
| A2205015106150 | MFS 01510.06 | NK 150 | 15 | 10 | 6 | 40 | 18,000 | 10 |
| A2205015106150001 | MFS 01510.06 | NK 150 | 15 | 10 | 6 | 100 | 18,000 | 10 |
| A2205015306150 | MFS 01530.06 | NK 150 | 15 | 30 | 6 | 40 | 18,000 | 10 |
| A2205015306150001 | MFS 01530.06 | NK 150 | 15 | 30 | 6 | 100 | 18,000 | 10 |
| A2205020106150 | MFS 02010.06 | NK 150 | 20 | 10 | 6 | 40 | 18,000 | 10 |
| A2205020106150001 | MFS 02010.06 | NK 150 | 20 | 10 | 6 | 100 | 18,000 | 10 |
| A2205020306150 | MFS 02030.06 | NK 150 | 20 | 30 | 6 | 40 | 18,000 | 10 |
| A2205020306150001 | MFS 02030.06 | NK 150 | 20 | 30 | 6 | 100 | 18,000 | 10 |
| A2205025106150 | MFS 02510.06 | NK 150 | 25 | 10 | 6 | 40 | 18,000 | 10 |
| A2205025106150001 | MFS 02510.06 | NK 150 | 25 | 10 | 6 | 100 | 18,000 | 10 |
| NEW A6205025206150001 | MFS 02520.06 | NK 150 | 25 | 20 | 6 | 60 | 18,000 | 50 |
| NEW A6205025206150005 | MFS 02520.06 | NK 150 | 25 | 20 | 6 | 85 | 18,000 | 50 |
| A2205025306150 | MFS 02530.06 | NK 150 | 25 | 30 | 6 | 40 | 18,000 | 10 |
| A2205025306150001 | MFS 02530.06 | NK 150 | 25 | 30 | 6 | 100 | 18,000 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/ Wood ● Titanium | | | | | | | | |

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{max} rpm | Pack contains |
|--|--------------|---------|------|------|------|------|----------------------|---------------|
| NEW A6212020306150 | MFS 02030.06 | SIC 150 | 20 | 30 | 6 | 40 | 18,000 | 10 |
| Recommended for: ● Aluminium ● Cast material ● Titanium | | | | | | | | |



SAFETY INFORMATION

To safely use mini flap wheels with a long shan, they must be placed against the workpiece or inserted into bores or channels

before starting up the power tool. Contact with the workpiece must be assured until the power tool is switched off.

LUKAS MOUNTED FLAP WHEELS MADE OF ABRASIVE FLEECE

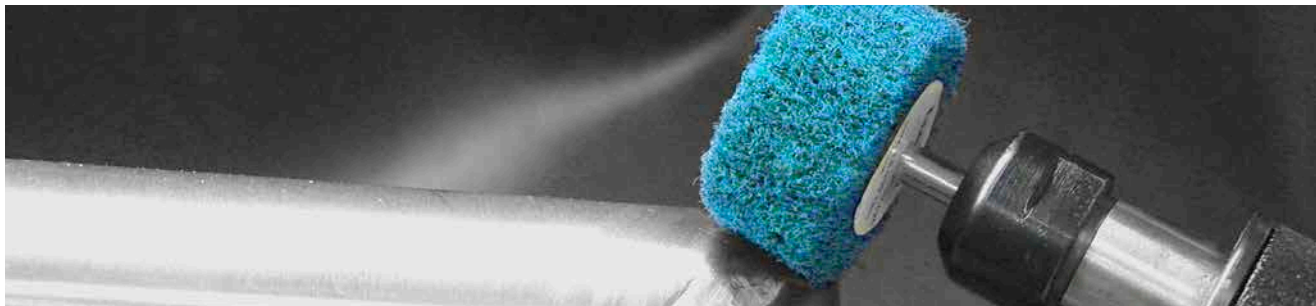
READY FOR EVERY WORK SCENARIO

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

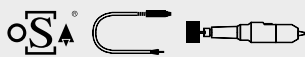
Abrasive fleece is probably the most flexible of all abrasives and can be used for many different jobs. Its wide variety of designs enables LUKAS to offer you a broad spectrum of machining

options: matt finishing, satin-matt finishing, polishing, smoothing and final surface finishing – with LUKAS mounted flap wheels made of abrasive fleece, you can master any scenario.

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

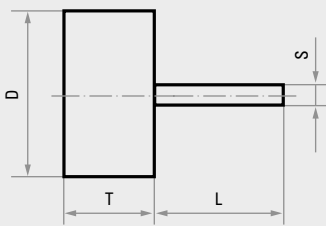


GRINDING AND POLISHING
(with flexible tools)



SFV mounted flap wheel, zirconia alumina

- achieves especially high stock removal rates on hard and tough materials such as stainless steel and a long tool life
- manufactured with zirconia alumina for extreme hardness and sharpness
- used as a handheld tool, ideal for matt finishing, satin-matt finishing, polishing, cleaning or final finishing of workpiece surfaces
- adapts itself perfectly to uneven surfaces for cost-efficient working



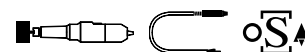
★★★

| Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|---------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A6203020153306 | SFV 02015.03 | Z306 | ZK 180 | 20 | 15 | 3 | 40 | 10,000 | 14,000 | 10 |
| A2203030106306 | SFV 03010.06 | Z306 | ZK 180 | 30 | 10 | 6 | 40 | 10,000 | 14,000 | 10 |
| A2203040206306 | SFV 04020.06 | Z306 | ZK 180 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| A2203050106306 | SFV 05010.06 | Z306 | ZK 180 | 50 | 10 | 6 | 40 | 6,000 | 11,000 | 10 |
| A2203060306306 | SFV 06030.06 | Z306 | ZK 180 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| A2203080506306 | SFV 08050.06 | Z306 | ZK 180 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |

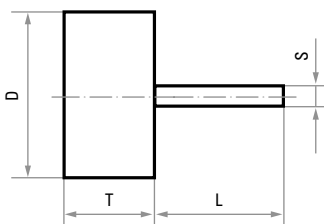
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/ Wood ● Titanium

NEW

SFV mounted flap wheel, regular aluminium oxide



★★★



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

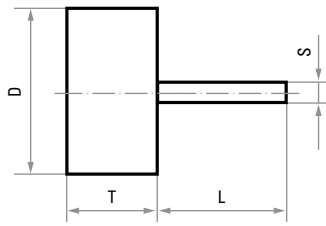
| | Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|-----|-------------------|--------------|---------|--------|------|------|------|------|------------------------|----------------------|---------------|
| NEW | A6203020306106001 | SFV 02030.06 | A106 | NK 180 | 20 | 30 | 6 | 40 | 10,000 | 14,000 | 10 |
| NEW | A6203030106106 | SFV 03010.06 | A106 | NK 180 | 30 | 10 | 6 | 40 | 10,000 | 14,000 | 10 |
| NEW | A6203030203107 | SFV 03020.03 | A107 | NK 280 | 30 | 20 | 3 | 40 | 10,000 | 14,000 | 10 |
| | A2203030206106 | SFV 03020.06 | A106 | NK 180 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 |
| | A2203030406107 | SFV 03040.06 | A107 | NK 280 | 30 | 40 | 6 | 40 | 10,000 | 14,000 | 10 |
| NEW | A6203040106106001 | SFV 04010.06 | A106 | NK 180 | 40 | 10 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040206104 | SFV 04020.06 | A104 | NK 100 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040206106 | SFV 04020.06 | A106 | NK 180 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040206107 | SFV 04020.06 | A107 | NK 280 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040306104 | SFV 04030.06 | A104 | NK 100 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040306106 | SFV 04030.06 | A106 | NK 180 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203040306107 | SFV 04030.06 | A107 | NK 280 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2203050106106 | SFV 05010.06 | A106 | NK 180 | 50 | 10 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050206104 | SFV 05020.06 | A104 | NK 100 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050206106 | SFV 05020.06 | A106 | NK 180 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050306104 | SFV 05030.06 | A104 | NK 100 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050306106 | SFV 05030.06 | A106 | NK 180 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050306107 | SFV 05030.06 | A107 | NK 280 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050406104 | SFV 05040.06 | A104 | NK 100 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050406106 | SFV 05040.06 | A106 | NK 180 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2203050406107 | SFV 05040.06 | A107 | NK 280 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 |
| NEW | A6203060206104 | SFV 06020.06 | A104 | NK 100 | 60 | 20 | 6 | 40 | 5,000 | 9,000 | 10 |
| NEW | A6203060206106 | SFV 06020.06 | A106 | NK 180 | 60 | 20 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060306104 | SFV 06030.06 | A104 | NK 100 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060306106 | SFV 06030.06 | A106 | NK 180 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060306107 | SFV 06030.06 | A107 | NK 280 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060406104 | SFV 06040.06 | A104 | NK 100 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060406106 | SFV 06040.06 | A106 | NK 180 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060406107 | SFV 06040.06 | A107 | NK 280 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060506104 | SFV 06050.06 | A104 | NK 100 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060506106 | SFV 06050.06 | A106 | NK 180 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2203060506107 | SFV 06050.06 | A107 | NK 280 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| NEW | A6203080106106 | SFV 08010.06 | A106 | NK 180 | 80 | 10 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2203080406104 | SFV 08040.06 | A104 | NK 100 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2203080406106 | SFV 08040.06 | A106 | NK 180 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2203080506104 | SFV 08050.06 | A104 | NK 100 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2203080506106 | SFV 08050.06 | A106 | NK 180 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2203080506107 | SFV 08050.06 | A107 | NK 280 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| NEW | A6203100506104001 | SFV 10050.06 | A104 | NK 100 | 100 | 50 | 6 | 40 | 3,000 | 5,700 | 10 |
| NEW | A6203080406104006 | SFV 08040.06 | A104 | NK 100 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 |
| NEW | A6203080506104001 | SFV 08050.06 | A104 | NK 100 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |

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



SFV mounted flap wheel, silicon carbide

- mounted flap wheels with silicon carbide: ideally suited for machining aluminium and aluminium alloys, titanium materials, glass, ceramic, high-temperature steels and plastics
- special quality, e.g. for the aerospace industry
- used as a handheld tool, ideal for matt finishing, satin-matt finishing, polishing, cleaning or final finishing of workpiece surfaces
- adapts itself perfectly to uneven surfaces for cost-efficient working



★★☆

| Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains | |
|-------------------|--------------|---------|---------|------|------|------|------|------------------------|----------------------|---------------|-----|
| A6203018206206 | SFV 01820.06 | C206 | SIC 180 | 18 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203020106206 | SFV 02010.06 | C206 | SIC 180 | 20 | 10 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A2203020153207 | SFV 02015.03 | C207 | SIC 280 | 20 | 15 | 3 | 40 | 10,000 | 14,000 | 10 | |
| A6203025256204 | SFV 02525.06 | C204 | SIC 100 | 25 | 25 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203030103207 | SFV 03010.03 | C207 | SIC 280 | 30 | 10 | 3 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203030156206 | SFV 03015.06 | C206 | SIC 180 | 30 | 15 | 6 | 40 | 10,000 | 14,000 | 100 | NEW |
| A6203030206204 | SFV 03020.06 | C204 | SIC 100 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203030206206 | SFV 03020.06 | C206 | SIC 180 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203030206207 | SFV 03020.06 | C207 | SIC 280 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6203040106206 | SFV 04010.06 | C206 | SIC 180 | 40 | 10 | 6 | 40 | 7,500 | 14,000 | 10 | NEW |
| A6203040206204 | SFV 04020.06 | C204 | SIC 100 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | NEW |
| A2203040206206 | SFV 04020.06 | C206 | SIC 180 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A6203040206206 | SFV 04020.06 | C206 | SIC 180 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | NEW |
| A2203040206207 | SFV 04020.06 | C207 | SIC 280 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A6203040306206 | SFV 04030.06 | C206 | SIC 180 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 | NEW |
| A2203040306207 | SFV 04030.06 | C207 | SIC 280 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A6203040306208001 | SFV 04030.06 | C208 | SIC 400 | 40 | 30 | 6 | 40 | 7,500 | 1,4000 | 10 | NEW |
| A6203050106206 | SFV 05010.06 | C206 | SIC 180 | 50 | 10 | 6 | 40 | 6,000 | 11,000 | 10 | NEW |
| A6203050156206 | SFV 05015.06 | C206 | SIC 180 | 50 | 15 | 6 | 40 | 6,000 | 11,000 | 10 | NEW |
| A2203050206204 | SFV 05020.06 | C204 | SIC 100 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2203050206206 | SFV 05020.06 | C206 | SIC 180 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2203050206207 | SFV 05020.06 | C207 | SIC 280 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2203050306207 | SFV 05030.06 | C207 | SIC 280 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2203050406207 | SFV 05040.06 | C207 | SIC 280 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A6203060106206 | SFV 06010.06 | C206 | SIC 180 | 60 | 10 | 6 | 40 | 5,000 | 9,000 | 10 | NEW |
| A6203060206207 | SFV 06020.06 | C207 | SIC 280 | 60 | 20 | 6 | 40 | 5,000 | 9,000 | 10 | NEW |
| A2203060306204 | SFV 06030.06 | C204 | SIC 100 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2203060306206 | SFV 06030.06 | C206 | SIC 180 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2203060306207 | SFV 06030.06 | C207 | SIC 280 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2203060406204 | SFV 06040.06 | C204 | SIC 100 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2203060406207 | SFV 06040.06 | C207 | SIC 280 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2203080406204 | SFV 08040.06 | C204 | SIC 100 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2203080406206 | SFV 08040.06 | C206 | SIC 180 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2203080406207 | SFV 08040.06 | C207 | SIC 280 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2203080506204 | SFV 08050.06 | C204 | SIC 100 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2203080506206 | SFV 08050.06 | C206 | SIC 180 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2203080506207 | SFV 08050.06 | C207 | SIC 280 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A6203100408206 | SFV 10040.08 | C206 | SIC 180 | 100 | 40 | 8 | 40 | 3,000 | 5,700 | 18 | NEW |

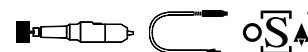
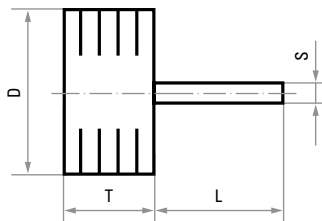
Recommended for: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material

 GRINDING AND POLISHING
(with flexible tools)

SFR mounted fleece discs



★★★



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

| Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|---------|--------|------|------|------|------|------------------------|----------------------|---------------|
| A2223060506104 | SFR 06050.06 | A104 | NK 100 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| A2223060506106 | SFR 06050.06 | A106 | NK 180 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| A2223060506107 | SFR 06050.06 | A107 | NK 280 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 |
| A2223080506104 | SFR 08050.06 | A104 | NK 100 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| A2223080506106 | SFR 08050.06 | A106 | NK 180 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| A2223080506107 | SFR 08050.06 | A107 | NK 280 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |

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

COMBINATION OF ABRASIVE FLEECE AND ABRASIVE CLOTH

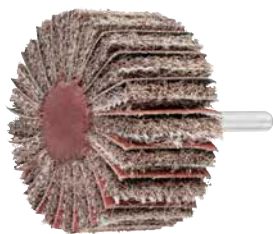
GREATER STABILITY FOR SUSTAINED USAGE



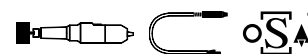
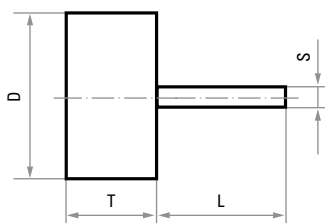
These LUKAS grinding tools feature a combination of abrasive fleece and abrasive cloth. During the production, the fleece and cloth flaps are fastened alternately and radially to the tool axis.

The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared to mounted flap wheels with only abrasive fleece. These optimised mounted flap wheels are mainly used on handheld power tools and, thanks to their stability, are ideally suited for cleaning, derusting, surface preparation, texturing and rough grinding.

SFM mounted flap wheel, combined abrasive fleece TF and cloth



★★★★



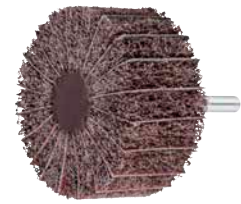
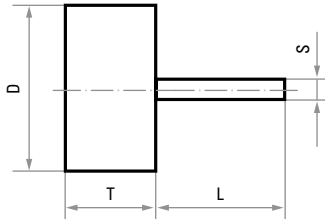
- due to its especially stable abrasive fleece made of TF material, this mounted flap wheel wears evenly
- perfect for continuous working
- specially designed for use on non-rusting materials
- used as a handheld tool, ideal for the cleaning, derusting, surface preparation, texturing and rough grinding of workpiece surfaces

| Product number | Description | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|--------------|------------|------|------|------|------|------------------------|----------------------|---------------|
| A2204040206120 | SFM 04020.06 | TF 120/80 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| A2204060306120 | SFM 06030.06 | TF 120/80 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| A2204080506120 | SFM 08050.06 | TF 120/80 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| A2204080406120 | SFM 08040.06 | TF 120/150 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 |

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



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



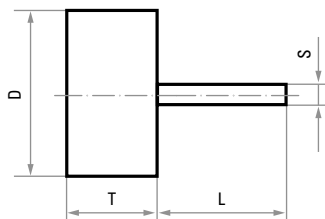
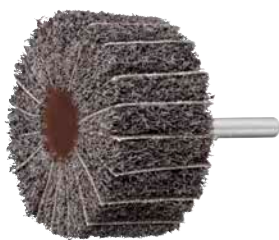
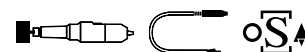
★★★

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

| Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains | |
|-------------------|--------------|----------|------------|------|------|------|------|------------------------|----------------------|---------------|-----|
| A6204020156104 | SFM 02015.06 | A104/80 | NK 100/80 | 20 | 15 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6204020203106 | SFM 02020.03 | A106/150 | NK 180/150 | 20 | 20 | 3 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6204020206106 | SFM 02020.06 | A106/150 | NK 180/150 | 20 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6204025256106001 | SFM 02525.06 | A106/150 | NK 180/150 | 25 | 25 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A620403020610601 | SFM 03020.06 | A106/150 | NK 180/150 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 | NEW |
| A6204030206106 | SFM 03020.06 | A106/120 | NK 180/120 | 30 | 20 | 6 | 60 | 10,000 | 14,000 | 100 | NEW |
| A2204030306104 | SFM 03030.06 | A104/80 | NK 100/80 | 30 | 30 | 6 | 40 | 10,000 | 14,000 | 10 | |
| A6204040106106001 | SFM 04010.06 | A106/150 | NK 180/150 | 40 | 10 | 6 | 80 | 7,500 | 14,000 | 10 | NEW |
| A2204040206104 | SFM 04020.06 | A104/80 | NK 100/80 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | NEW |
| A2204040206106 | SFM 04020.06 | A106/150 | NK 180/150 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A2204040206107 | SFM 04020.06 | A107/240 | NK 280/240 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A2204040306104 | SFM 04030.06 | A104/80 | NK 100/80 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A6204040306106024 | SFM 04030.06 | A106/120 | NK 180/120 | 40 | 30 | 6 | 60 | 7,500 | 14,000 | 100 | |
| A6204040306106007 | SFM 04030.06 | A106/120 | NK 180/120 | 40 | 30 | 6 | 60 | 7,500 | 14,000 | 100 | NEW |
| A2204040306106 | SFM 04030.06 | A106/150 | NK 180/150 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A6204040306106 | SFM 04030.06 | A106/150 | NK 180/150 | 40 | 30 | 6 | 80 | 7,500 | 14,000 | 10 | NEW |
| A2204040306107 | SFM 04030.06 | A107/240 | NK 280/240 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 | |
| A2204050206104 | SFM 05020.06 | A104/80 | NK 100/80 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2204050206106 | SFM 05020.06 | A106/150 | NK 180/150 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A6204050306104002 | SFM 05030.06 | A104/120 | NK 100/120 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 | NEW |
| A2204050306106 | SFM 05030.06 | A106/150 | NK 180/150 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2204050306107 | SFM 05030.06 | A107/240 | NK 280/240 | 50 | 30 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2204050406104 | SFM 05040.06 | A104/80 | NK 100/80 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2204050406106 | SFM 05040.06 | A106/150 | NK 180/150 | 50 | 40 | 6 | 40 | 6,000 | 11,000 | 10 | |
| A2204060306104 | SFM 06030.06 | A104/80 | NK 100/80 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060306106 | SFM 06030.06 | A106/150 | NK 180/150 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060306107 | SFM 06030.06 | A107/240 | NK 280/240 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060406104 | SFM 06040.06 | A104/80 | NK 100/80 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060406106 | SFM 06040.06 | A106/150 | NK 180/150 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060406107 | SFM 06040.06 | A107/240 | NK 280/240 | 60 | 40 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060506104 | SFM 06050.06 | A104/80 | NK 100/80 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A2204060506106 | SFM 06050.06 | A106/150 | NK 180/150 | 60 | 50 | 6 | 40 | 5,000 | 9,000 | 10 | |
| A6204080306104001 | SFM 08030.06 | A104/60 | NK 100/60 | 80 | 30 | 6 | 40 | 4,000 | 7,000 | 10 | NEW |
| A2204080406104 | SFM 08040.06 | A104/80 | NK 100/80 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2204080406106 | SFM 08040.06 | A106/150 | NK 180/150 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2204080406107 | SFM 08040.06 | A107/240 | NK 280/240 | 80 | 40 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A6204080506104005 | SFM 08050.06 | A104/40 | NK 100/40 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | NEW |
| A2204080506104 | SFM 08050.06 | A104/80 | NK 100/80 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2204080506106 | SFM 08050.06 | A106/150 | NK 180/150 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A2204080506107 | SFM 08050.06 | A107/240 | NK 280/240 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 | |
| A6204100506104002 | SFM 10050.06 | A104/60 | NK 100/60 | 100 | 50 | 6 | 40 | 3,000 | 5,700 | 10 | NEW |

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

SFM mounted flap wheel, combined abrasive fleece and cloth, silicon carbide



★★☆

- for continuous working
- mounted flap wheels with silicon carbide: ideally suited for machining aluminium and aluminium alloys, titanium materials, glass, ceramic, high-temperature steels and plastics
- special quality, e.g. for the aerospace industry
- used as a handheld tool, ideal for cleaning, derusting, preparation, texturing and rough of workpiece surfaces

| | Product number | Description | Quality | Grit | D mm | T mm | S mm | L mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|---|----------------|--------------|----------|-------------|------|------|------|------|------------------------|----------------------|---------------|
| NEW | A6204020206206 | SFM 02020.06 | C206/150 | SIC 180/150 | 20 | 20 | 6 | 40 | 10,000 | 14,000 | 10 |
| NEW | A6204030206204 | SFM 03020.06 | C204/80 | SIC 100/80 | 30 | 20 | 6 | 40 | 10,000 | 14,000 | 10 |
| | A2204040206204 | SFM 04020.06 | C204/80 | SIC 100/80 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2204040206206 | SFM 04020.06 | C206/150 | SIC 180/150 | 40 | 20 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2204040306204 | SFM 04030.06 | C204/80 | SIC 100/80 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2204040306206 | SFM 04030.06 | C206/150 | SIC 180/150 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2204040306207 | SFM 04030.06 | C207/240 | SIC 280/240 | 40 | 30 | 6 | 40 | 7,500 | 14,000 | 10 |
| | A2204050206204 | SFM 05020.06 | C204/80 | SIC 100/80 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2204050206206 | SFM 05020.06 | C206/150 | SIC 180/150 | 50 | 20 | 6 | 40 | 6,000 | 11,000 | 10 |
| | A2204060306204 | SFM 06030.06 | C204/80 | SIC 100/80 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2204060306206 | SFM 06030.06 | C206/150 | SIC 180/150 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2204060306207 | SFM 06030.06 | C207/240 | SIC 280/240 | 60 | 30 | 6 | 40 | 5,000 | 9,000 | 10 |
| | A2204080506204 | SFM 08050.06 | C204/80 | SIC 100/80 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| | A2204080506206 | SFM 08050.06 | C206/150 | SIC 180/150 | 80 | 50 | 6 | 40 | 4,000 | 7,000 | 10 |
| NEW | A6204100308206 | SFM 10030.08 | C206/120 | SIC 180/120 | 100 | 30 | 8 | 40 | 3,000 | 5,700 | 20 |
| Recommended for: ● Aluminium ● Plastic/Wood ● Titanium ● Inox/Steel ● Steel ● Cast material | | | | | | | | | | | |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Flap wheels from LUKAS

LSL, FLAP WHEELS OF ABRASIVE CLOTH, CUSTOMER SOLUTIONS

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

Application examples:

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

LSV, FLAP WHEELS OF ABRASIVE FLEECE, CUSTOMER SOLUTIONS

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

Application examples:

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

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

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

Application examples:

- Cleaning
- Derusting
- Surface preparation
- Texturing
- Roughening

SAMPLE ORDER

Customised solutions adapted to handle your challenge

We manufacture LUKAS LSL, LSV and LSM flap wheels as well as LUKAS FRV mops according to your specific requirements as individual custom solutions. For this reason, the product tables on **pages 215–220** contain a description together with additional information instead of the usual article numbers.

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

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

Please give the following details when placing your order:

LSL 125025

DESCRIPTION

NK 60

GRIT

Bore 13

BORE (H)

FLAP WHEELS FOR ANGLE GRINDERS

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

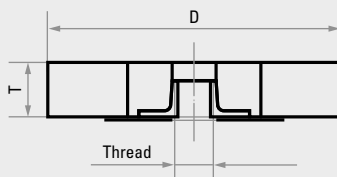
Each flap of this wheel of abrasive cloth is embedded radially to the axis in a solid plastic core. Used with a handheld tool, it is therefore ideal for derusting, removing paint and annealing lacquers, reworking welding seams and for grinding work in container and railing construction, as well as in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

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

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



LSL, flap wheel of abrasive cloth with thread



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



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

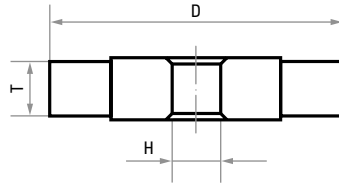
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium



LSL, flap wheel of abrasive cloth

LUKAS-CUSTOMER SOLUTION

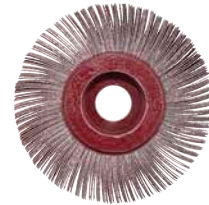
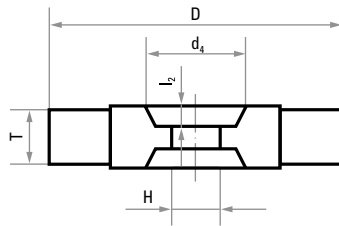
- for cleaning, deburring, derusting, surface preparation, texturing and roughening
- Other dimensions, bores or qualities are available on request. Available diameters 80 mm to max. 400 mm.
- A sample order for this LUKAS custom solution can be found on **page 213**.
- v_{recom} 30 m/s in handheld use
- v_{max} 50 m/s in stationary use
- n_{max} (rpm) applies for stationary use



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

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

*minimum order quantity



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

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

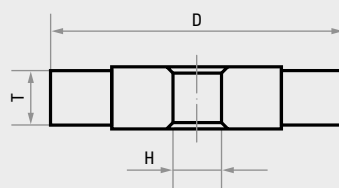
*minimum order quantity

LUKAS FLAP WHEEL MADE OF ABRASIVE FLEECE

ADAPTED TO HANDLE YOUR SPECIFIC CHALLENGES

LSV, flap wheel of abrasive fleece

LUKAS-CUSTOMER SOLUTION



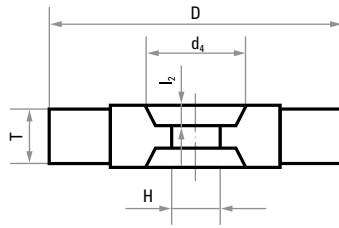
- for matt finishing, satin finishing, polishing, smoothening and final surface finishing
- other dimensions, bores or qualities (e.g. "very hard" version or impregnated with polyurethane) are available upon request. Available diameters 80 mm to max. 400 mm.
- a sample order for this LUKAS custom solution can be found on **page 213**.
- v_{\max} 35 m/s

★★☆

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

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

*minimum order quantity



| Description | Quality | Grit | Type | D mm | T mm | H mm | recess on both sides d ₄ mm | recess on both sides l ₂ mm | n _{recom} rpm | n _{max} rpm | MOQ* pcs. |
|------------------|---------|---------|--------|---|------|----------|--|--|------------------------|----------------------|-----------|
| LSV 150050 | A104 W | NK 100 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A106 W | NK 180 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A107 W | NK 280 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C204 W | SIC 100 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C206 W | SIC 180 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C207 W | SIC 280 | soft | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A104 M | NK 100 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A106 M | NK 180 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A107 M | NK 280 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C204 M | SIC 100 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C206 M | SIC 180 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C207 M | SIC 280 | medium | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A104 H | NK 100 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A106 H | NK 180 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | A107 H | NK 280 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C204 H | SIC 100 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C206 H | SIC 180 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 150050 | C207 H | SIC 280 | hard | 150 | 50 | 13-16-20 | 47 | 18 | 2,000 | 4,000 | 25 |
| LSV 160050 | A104 W | NK 100 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A106 W | NK 180 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A107 W | NK 280 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C204 W | SIC 100 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C206 W | SIC 180 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C207 W | SIC 280 | soft | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A104 M | NK 100 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A106 M | NK 180 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A107 M | NK 280 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C204 M | SIC 100 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C206 M | SIC 180 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C207 M | SIC 280 | medium | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A104 H | NK 100 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A106 H | NK 180 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | A107 H | NK 280 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C204 H | SIC 100 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C206 H | SIC 180 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| LSV 160050 | C207 H | SIC 280 | hard | 160 | 50 | 13-16-20 | 47 | 18 | 1,900 | 3,800 | 25 |
| Recommended for: | | | | ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | |

*minimum order quantity

| Description | Quality | Grit | Type | D mm | T mm | H mm | recess on both sides d ₄ mm | recess on both sides l ₂ mm | n _{recom} rpm | n _{max} rpm | MOQ* pcs. |
|---|---------|---------|--------|---------|---------|----------|--|--|---------------------------|-------------------------|--------------|
| LSV 200025 | A104 W | NK 100 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A106 W | NK 180 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A107 W | NK 280 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C204 W | SIC 100 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C206 W | SIC 180 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C207 W | SIC 280 | soft | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A104 M | NK 100 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A106 M | NK 180 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A107 M | NK 280 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C204 M | SIC 100 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C206 M | SIC 180 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C207 M | SIC 280 | medium | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A104 H | NK 100 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A106 H | NK 180 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | A107 H | NK 280 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C204 H | SIC 100 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C206 H | SIC 180 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200025 | C207 H | SIC 280 | hard | 200 | 25 | 20-25-32 | 71 | 10 | 1,500 | 3,000 | 25 |
| LSV 200050 | A104 W | NK 100 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A106 W | NK 180 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A107 W | NK 280 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C204 W | SIC 100 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C206 W | SIC 180 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C207 W | SIC 280 | soft | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A104 M | NK 100 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A106 M | NK 180 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A107 M | NK 280 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C204 M | SIC 100 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C206 M | SIC 180 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C207 M | SIC 280 | medium | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A104 H | NK 100 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A106 H | NK 180 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | A107 H | NK 280 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C204 H | SIC 100 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C206 H | SIC 180 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| LSV 200050 | C207 H | SIC 280 | hard | 200 | 50 | 20-25-32 | 71 | 18 | 1,500 | 3,000 | 25 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | | | |

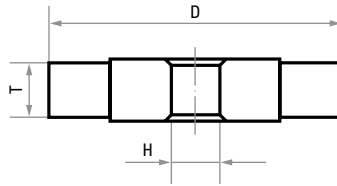
*minimum order quantity



LSM, flap wheel of abrasive fleece and cloth in combination

LUKAS-CUSTOMER SOLUTION

- for cleaning, derusting, surface preparation, texturing and roughening
- other dimensions, bores or qualities are available on request. Available diameters 80 mm to max. 400 mm.
- a sample order for this LUKAS custom solution can be found on **p. 213**
- v_{\max} 35 m/s

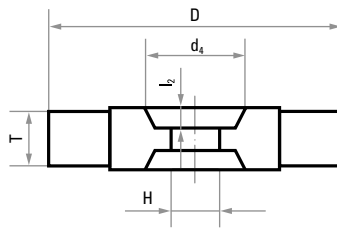


★★☆

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

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

*minimum order quantity



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

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

*minimum order quantity

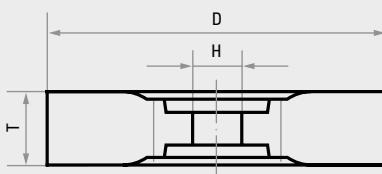
SILKY LUSTRE MATT FINISHING ON STAINLESS STEEL

LUKAS MOPS FOR YOUR APPLICATION



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

FRV, mops of abrasive fleece LUKAS-CUSTOMER SOLUTION



- for silky lustre matt finishing on stainless steel, chrome, nickel and non-ferrous metals
- can also be used for cleaning and smoothing primer coatings and soiled paint surfaces in the wood and plastics industries
- the best cutting speed is between 10 – 20 m/s, applying only slight contact pressure.
- a sample order for this LUKAS custom solution can be found on **page 213**.

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

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

*minimum order quantity

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS flap rolls

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

LWL, FLAP ROLLS MADE OF ABRASIVE CLOTH FOR BURNISHING MACHINES

These tools are comprised of single flaps that are radially fixed around the axis in a plastic core. Please pay attention to the rotational direction of the tool! **Page 222**

Application examples:

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

LWV, FLAP ROLLS MADE OF ABRASIVE FLEECE FOR BURNISHING MACHINES

This design is comprised of abrasive fleece flaps. The use of fibre fleece makes the tool elastic and allows it to adapt itself to the shape of the workpiece. **Page 223**

Application examples:

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

LWM, FLAP ROLLS MADE OF TF MATERIAL

These rolls with a 19 mm bore and four keyways are specially designed for use on non-rusting materials. The abrasive fleece, with its reinforced backing, guarantees even wear of the abrasive fleece and cloth flaps. Please pay attention to the rotational direction of the tool! **Page 224**

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

The combination of abrasive cloth and abrasive fleece results in a higher stock removal rate compared to type LWV. Please pay attention to the rotational direction of the tool! **Pages 224 / 225**

Application examples:

- Cleaning
- Derusting
- surface preparation
- Texturing
- Roughening

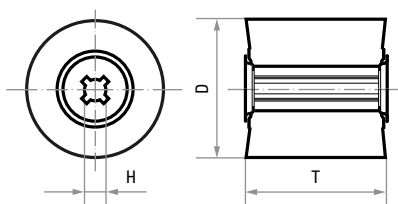
LWF, SINUS ABRASIVE ROLL MADE OF ABRASIVE FLEECE FOR CONDITIONING MACHINES

These tools consist of abrasive fleece webs that are wound around the core in a wave pattern. This wave arrangement enables matt finishing of surfaces without visible transitions. The use of fibre fleece makes the LWF elastic and allows it to adapt itself to the shape of the workpiece. **Page 225**

Application examples:

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

LWL, flap roll made of abrasive cloth

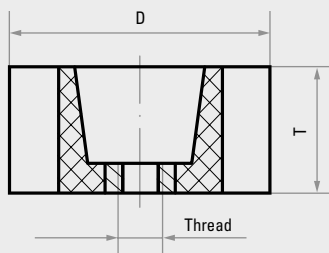


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- for cleaning, deburring, derusting, surface preparation, texturing and roughening
- for conditioning machines

| | Product number | Description | Grit | D mm | T mm | H mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|-------------------|-------------|--------|------|------|------|------------------------|----------------------|---------------|
| NEW | A6280100200060 | LWL 100020 | NK 60 | 100 | 20 | 19 | 3,700 | 6,000 | 1 |
| | A2280100500040 | LWL 100050 | NK 40 | 100 | 50 | 19 | 3,700 | 6,000 | 2 |
| | A2280100500060 | LWL 100050 | NK 60 | 100 | 50 | 19 | 3,700 | 6,000 | 2 |
| | A2280100500080 | LWL 100050 | NK 80 | 100 | 50 | 19 | 3,700 | 6,000 | 2 |
| | A22801001000040 | LWL 100100 | NK 40 | 100 | 100 | 19 | 3,700 | 6,000 | 1 |
| | A22801001000060 | LWL 100100 | NK 60 | 100 | 100 | 19 | 3,700 | 6,000 | 1 |
| | A22801001000080 | LWL 100100 | NK 80 | 100 | 100 | 19 | 3,700 | 6,000 | 1 |
| NEW | A6280100100012001 | LWL 100100 | NK 120 | 100 | 100 | 19 | 3,700 | 6,000 | 1 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | |

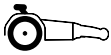
LWL, flap roll made of abrasive cloth with thread



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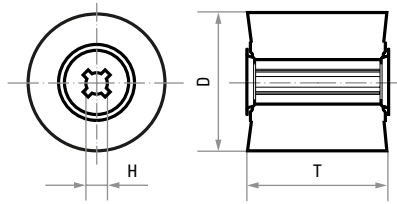
- fits on commercially available angle grinders
- for cleaning, deburring, derusting, surface preparation, texturing and roughening

| | Product number | Description | Grit | D mm | T mm | Thread | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|----------------|-------------|-------|------|------|--------|------------------------|----------------------|---------------|
| | A2280100501060 | LWL 100050 | NK 60 | 100 | 50 | M14 | 3,700 | 6,000 | 2 |
| | A2280100501080 | LWL 100050 | NK 80 | 100 | 50 | M14 | 3,700 | 6,000 | 2 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | |



LWV, flap roll made of abrasive fleece

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



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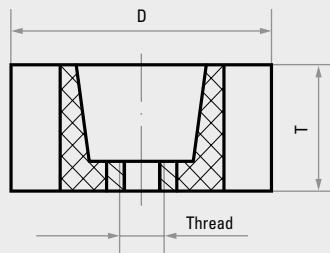
| Product number | Description | Quality | Grit | D mm | T mm | H mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|-------------|---------|---------|------|------|------|------------------------|----------------------|---------------|
| A2286100500104 | LWV 100050 | A104 | NK 100 | 100 | 50 | 19 | 2,800 | 6,000 | 2 |
| A2286100500106 | LWV 100050 | A106 | NK 180 | 100 | 50 | 19 | 2,800 | 6,000 | 2 |
| A2286100500107 | LWV 100050 | A107 | NK 280 | 100 | 50 | 19 | 2,800 | 6,000 | 2 |
| A22861001000104 | LWV 100100 | A104 | NK 100 | 100 | 100 | 19 | 2,800 | 6,000 | 1 |
| A22861001000106 | LWV 100100 | A106 | NK 180 | 100 | 100 | 19 | 2,800 | 6,000 | 1 |
| A22861001000107 | LWV 100100 | A107 | NK 280 | 100 | 100 | 19 | 2,800 | 6,000 | 1 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | | |
| A6286100100020406 | LWV 100100 | C 204 M | SIC 100 | 100 | 100 | 19 | 3,700 | 6,000 | 1 NEW |
| A62861001000206 | LWV 100100 | C 206 M | SIC 180 | 100 | 100 | 19 | 3,700 | 6,000 | 1 NEW |
| A62861001000208 | LWV 100100 | C 208 M | SIC 320 | 100 | 100 | 19 | 3,700 | 6,000 | 1 NEW |
| Recommended for: ● Aluminium ● Cast material ● Titanium | | | | | | | | | |

GRINDING AND POLISHING (with flexible tools)



LWV, flap roll made of abrasive fleece with thread

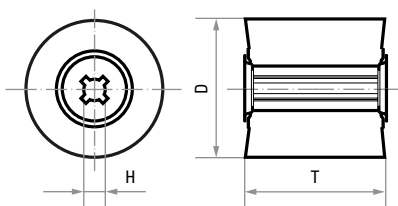
- fits on commercially available angle grinders
- use of fibre fleece makes it elastic
- adapts itself to the shape of the workpiece
- for matt finishing, satin-matt finishing, polishing, smoothening and final finishing of workpiece surfaces



★★☆

| Product number | Description | Grit | D mm | T mm | Thread | n _{recom} rpm | n _{max} rpm | Pack contains |
|--|-------------|-------|------|------|--------|------------------------|----------------------|---------------|
| A2286100501104 | LWV 100050 | A 104 | 100 | 50 | M14 | 2,800 | 6,000 | 2 |
| A2286100501106 | LWV 100050 | A 106 | 100 | 50 | M14 | 2,800 | 6,000 | 2 |
| A2286100501107 | LWV 100050 | A 107 | 100 | 50 | M14 | 2,800 | 6,000 | 2 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium | | | | | | | | |

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

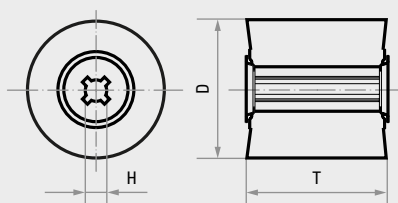


- for conditioning machines
- due to its highly robust abrasive fleece made of TF material, this mounted flap wheel wears evenly.
- perfect for continuous working
- ideal for machining the surfaces of sheet metal products made from stainless steel such as sinks and containers
- for cleaning, deburring,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

★★★

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

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



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

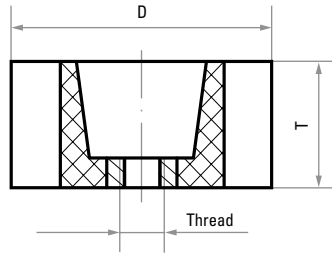
★★☆

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



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

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



★★☆

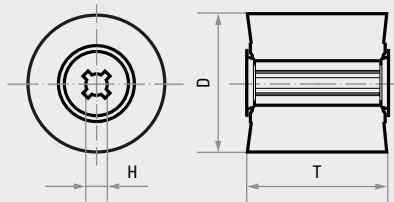
| Product number | Description | Quality | Grit | D mm | T mm | Thread | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|-------------|----------|------------|------|------|--------|------------------------|----------------------|---------------|
| A2288100501104 | LWM 100050 | A104/80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

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



LWF, sinus abrasive roll with abrasive fleece

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



★★☆

| Product number | Description | Quality | Grit | D mm | T mm | H mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|-----------------|-------------|---------|--------|------|------|------|------------------------|----------------------|---|
| A2281100500104 | LWF 100050 | A104 | NK 100 | 100 | 50 | 19 | 2,800 | 3,800 | 2 NEW |
| A22811001000104 | LWF 100100 | A104 | NK 100 | 100 | 100 | 19 | 2,800 | 3,800 | 1 |
| A22811001000106 | LWF 100100 | A106 | NK 180 | 100 | 100 | 19 | 2,800 | 3,800 | 1 |

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

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

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

LUKAS CONDITIONING MACHINES

THE MATCHING POWER TOOL FOR YOUR CONDITIONING ROLLS

Conditioning machine



Technical details:

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

Properties:

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

With the appropriate tool perfect for:

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

★★☆

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

| For use with LUKAS tools | | | Dimensions | Catalogue page |
|--------------------------|-------------------------------------|--|---------------------------|----------------|
| ESM 1310 | P6 polishing roll | | 100 x 50 mm, 100 x 100 mm | 143 |
| | SBZY abrasive band rolls | | 100 x 100 mm | 232 |
| | LWL/LWV/LWM/LWF abrasive flap rolls | | 100 x 50 mm, 100 x 100 mm | 222–225 |



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

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive bands and mandrels from LUKAS

SBZY ABRASIVE BANDS, CYLINDRICAL SHAPE

We offer a large selection of abrasive bands and matching mandrels. They are available in many different dimensions and qualities. Abrasive bands are made of abrasive cloth which is spirally wound onto a fabric with a backing. Mounted on matching mandrels, they are used with handheld machines (straight grinders or machines with a flexible shaft). **Pages 228–232**

Application examples:

- Cleaning
- Light deburring
- Refining
- Surface and contour grinding
- Fine grinding

STZY ABRASIVE BAND MANDRELS, CYLINDRICAL SHAPE

Our mandrels are used solely for mounting our cylindrical abrasive bands. Due to the special slots in the mandrel, the abrasive bands are firmly secured as speed increases. **Page 232–233**

SBKE ABRASIVE BANDS, CONICAL SHAPE

Conical abrasive bands are comparable in their design and usage with the cylindrical version. The taper (sleeve shape) allows the grinding of workpieces with hard-to-reach areas. **Page 234**

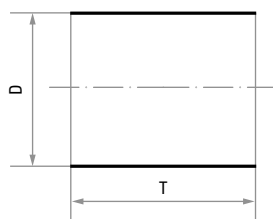
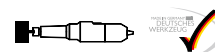
STKE ABRASIVE BAND MANDRELS, CONICAL SHAPE

Our mandrels are used solely for mounting our conical abrasive bands. Due to the special slot design, the abrasive bands are firmly secured as speed increases. **Page 234**

STWS ABRASIVE BAND MANDRELS FOR ABRASIVE BAND ROLLS

These especially soft mandrels are provided with a 19 mm bore and four keyways in order to be used with our corresponding abrasive band on handheld surface grinders (conditioning machines). **Page 235**

SBZY Ceramic abrasive band, cylindrical shape



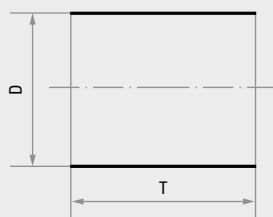
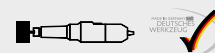
★★★

- especially robust ceramic grain for hard materials
- high stock removal rate and long tool life
- Hardened surfaces, wear-resistant steels, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- ▶ The matching mandrels can be found on **page 232/233**.

| Product number | Description | Grit | D mm | T mm | Pack contains |
|----------------|-------------|------------|------|------|---------------|
| A240603030040 | SBZY 03030 | Ceramic 40 | 30 | 30 | 50 |
| A240603030060 | SBZY 03030 | Ceramic 60 | 30 | 30 | 50 |
| A240604530040 | SBZY 04530 | Ceramic 40 | 45 | 30 | 50 |
| A240604530060 | SBZY 04530 | Ceramic 60 | 45 | 30 | 50 |
| A240604530080 | SBZY 04530 | Ceramic 80 | 45 | 30 | 50 |
| A240606030040 | SBZY 06030 | Ceramic 40 | 60 | 30 | 25 |
| A240606030060 | SBZY 06030 | Ceramic 60 | 60 | 30 | 25 |

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

SBZY Z-Power abrasive band, cylindrical shape

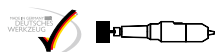


★★★

- made of zirconia alumina with active abrasive surface layer
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- in combination with mandrels for use with straight grinders or machines with flexible shafts
- ▶ The matching mandrels can be found on **page 232/233**.

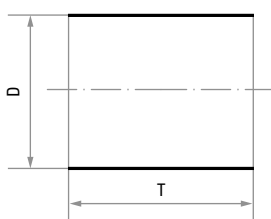
| Product number | Description | Grit | D mm | T mm | Pack contains |
|----------------|-------------|------------|------|------|---------------|
| A241203030036 | SBZY 03030 | Z-Power 36 | 30 | 30 | 50 |
| A241203030050 | SBZY 03030 | Z-Power 50 | 30 | 30 | 50 |
| A241203030060 | SBZY 03030 | Z-Power 60 | 30 | 30 | 50 |
| A241203030080 | SBZY 03030 | Z-Power 80 | 30 | 30 | 50 |
| A241204530036 | SBZY 04530 | Z-Power 36 | 45 | 30 | 50 |
| A241204530050 | SBZY 04530 | Z-Power 50 | 45 | 30 | 50 |
| A241204530080 | SBZY 04530 | Z-Power 80 | 45 | 30 | 50 |
| A241206030036 | SBZY 06030 | Z-Power 36 | 60 | 30 | 25 |
| A241206030050 | SBZY 06030 | Z-Power 50 | 60 | 30 | 25 |
| A241206030080 | SBZY 06030 | Z-Power 80 | 60 | 30 | 25 |

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



SBZY zirconia alumina abrasive band, cylindrical shape

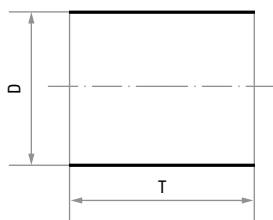
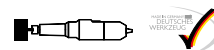
- made of abrasive cloth with zirconia alumina
 - for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
 - in combination with mandrels for use with straight grinders or machines with flexible shafts
- The matching mandrels can be found on **page 232/233**.



| Product number | Description | Grit | D mm | T mm | Pack contains |
|----------------|-------------|-------|------|------|---------------|
| A240201325050 | SBZY 01325 | ZK 50 | 13 | 25 | 50 |
| A240201530050 | SBZY 01530 | ZK 50 | 15 | 30 | 50 |
| A240201530060 | SBZY 01530 | ZK 60 | 15 | 30 | 50 |
| A240201530080 | SBZY 01530 | ZK 80 | 15 | 30 | 50 |
| A240201925036 | SBZY 01925 | ZK 36 | 19 | 25 | 50 |
| A640201925040 | SBZY 01925 | ZK 40 | 19 | 25 | 50 NEW |
| A240201925050 | SBZY 01925 | ZK 50 | 19 | 25 | 50 |
| A240202220036 | SBZY 02220 | ZK 36 | 22 | 20 | 50 |
| A240202220050 | SBZY 02220 | ZK 50 | 22 | 20 | 50 |
| A240202220060 | SBZY 02220 | ZK 60 | 22 | 20 | 50 |
| A240202525036 | SBZY 02525 | ZK 36 | 25 | 25 | 50 |
| A240202525050 | SBZY 02525 | ZK 50 | 25 | 25 | 50 |
| A240202525080 | SBZY 02525 | ZK 80 | 25 | 25 | 50 |
| A240203030036 | SBZY 03030 | ZK 36 | 30 | 30 | 50 |
| A240203030050 | SBZY 03030 | ZK 50 | 30 | 30 | 50 |
| A240203030060 | SBZY 03030 | ZK 60 | 30 | 30 | 50 |
| A240203030080 | SBZY 03030 | ZK 80 | 30 | 30 | 50 |
| A240203825036 | SBZY 03825 | ZK 36 | 38 | 25 | 50 NEW |
| A240204530036 | SBZY 04530 | ZK 36 | 45 | 30 | 50 |
| A240204530050 | SBZY 04530 | ZK 50 | 45 | 30 | 50 |
| A240204530060 | SBZY 04530 | ZK 60 | 45 | 30 | 50 |
| A240204530080 | SBZY 04530 | ZK 80 | 45 | 30 | 50 |
| A240206030036 | SBZY 06030 | ZK 36 | 60 | 30 | 50 |
| A240206030050 | SBZY 06030 | ZK 50 | 60 | 30 | 50 |
| A240206030060 | SBZY 06030 | ZK 60 | 60 | 30 | 50 |
| A240206030080 | SBZY 06030 | ZK 80 | 60 | 30 | 50 |

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

SBZY regular aluminium oxide abrasive band, cylindrical shape



★★☆

- Regular aluminium oxide has good tool life when used on structural steel and for rough grinding.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- in combination with mandrels for use with straight grinders or machines with flexible shafts
- ▶ The matching mandrels can be found on **page 232/233**.

| Product number | Description | Grit | D mm | T mm | Pack contains |
|------------------------------|-------------|--------|------|------|---------------|
| A240000810150 | SBZY 00810 | NK 150 | 8 | 10 | 50 |
| A240001010080 | SBZY 01010 | NK 80 | 10 | 10 | 50 |
| A240001010150 | SBZY 01010 | NK 150 | 10 | 10 | 50 |
| A240001010240 | SBZY 01010 | NK 240 | 10 | 10 | 50 |
| A240001010320 | SBZY 01010 | NK 320 | 10 | 10 | 50 |
| A240001020080 | SBZY 01020 | NK 80 | 10 | 20 | 50 |
| A240001020150 | SBZY 01020 | NK 150 | 10 | 20 | 50 |
| A240001020240 | SBZY 01020 | NK 240 | 10 | 20 | 50 |
| A240001020320 | SBZY 01020 | NK 320 | 10 | 20 | 50 |
| A240001210080 | SBZY 01210 | NK 80 | 12 | 10 | 50 |
| A240001210150 | SBZY 01210 | NK 150 | 12 | 10 | 50 |
| A240001213080 | SBZY 01213 | NK 80 | 12 | 13 | 50 |
| A240001213120 | SBZY 01213 | NK 120 | 12 | 13 | 50 |
| A240001213240 | SBZY 01213 | NK 240 | 12 | 13 | 50 |
| A240001225080 | SBZY 01225 | NK 80 | 12 | 25 | 50 |
| A240001225150 | SBZY 01225 | NK 150 | 12 | 25 | 50 |
| A240001225240 | SBZY 01225 | NK 240 | 12 | 25 | 50 |
| A240001225320 | SBZY 01225 | NK 320 | 12 | 25 | 50 |
| NEW A6400013250500001 | SBZY 01325 | NK 50 | 13 | 25 | 50 |
| NEW A640001325060 | SBZY 01325 | NK 60 | 13 | 25 | 50 |
| A240001325080 | SBZY 01325 | NK 80 | 13 | 25 | 50 |
| A240001325150 | SBZY 01325 | NK 150 | 13 | 25 | 50 |
| NEW A640001325240 | SBZY 01325 | NK 240 | 13 | 25 | 50 |
| NEW A640001325320 | SBZY 01325 | NK 320 | 13 | 25 | 50 |
| A240001510060 | SBZY 01510 | NK 60 | 15 | 10 | 50 |
| A240001510080 | SBZY 01510 | NK 80 | 15 | 10 | 50 |
| A240001510150 | SBZY 01510 | NK 150 | 15 | 10 | 50 |
| A240001510240 | SBZY 01510 | NK 240 | 15 | 10 | 50 |
| A240001510320 | SBZY 01510 | NK 320 | 15 | 10 | 50 |
| A240001530040 | SBZY 01530 | NK 40 | 15 | 30 | 50 |
| A240001530050 | SBZY 01530 | NK 50 | 15 | 30 | 50 |
| A240001530060 | SBZY 01530 | NK 60 | 15 | 30 | 50 |
| A240001530080 | SBZY 01530 | NK 80 | 15 | 30 | 50 |
| A240001530120 | SBZY 01530 | NK 120 | 15 | 30 | 50 |
| A240001530150 | SBZY 01530 | NK 150 | 15 | 30 | 50 |
| A240001530240 | SBZY 01530 | NK 240 | 15 | 30 | 50 |
| A240001530320 | SBZY 01530 | NK 320 | 15 | 30 | 50 |
| A240001925060 | SBZY 01925 | NK 60 | 19 | 25 | 50 |
| A240001925080 | SBZY 01925 | NK 80 | 19 | 25 | 50 |
| A240001925150 | SBZY 01925 | NK 150 | 19 | 25 | 50 |
| NEW A640001925240 | SBZY 01925 | NK 240 | 19 | 25 | 50 |

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

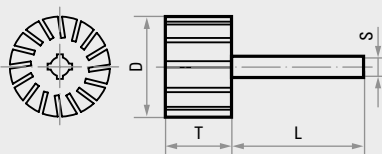
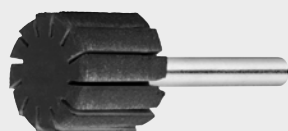
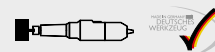
| Product number | Description | Grit | D mm | T mm | Pack contains | |
|----------------|-------------|--------|---------|---------|------------------|-----|
| A640002210080 | SBZY 02210 | NK 80 | 22 | 10 | 50 | NEW |
| A240002210150 | SBZY 02210 | NK 150 | 22 | 10 | 50 | |
| A240002210240 | SBZY 02210 | NK 240 | 22 | 10 | 50 | |
| A240002210320 | SBZY 02210 | NK 320 | 22 | 10 | 50 | |
| A240002220050 | SBZY 02220 | NK 50 | 22 | 20 | 50 | |
| A240002220060 | SBZY 02220 | NK 60 | 22 | 20 | 50 | |
| A240002220080 | SBZY 02220 | NK 80 | 22 | 20 | 50 | |
| A240002220150 | SBZY 02220 | NK 150 | 22 | 20 | 50 | |
| A240002220240 | SBZY 02220 | NK 240 | 22 | 20 | 50 | |
| A240002220320 | SBZY 02220 | NK 320 | 22 | 20 | 50 | |
| A240002525040 | SBZY 02525 | NK 40 | 25 | 25 | 50 | |
| A240002525060 | SBZY 02525 | NK 60 | 25 | 25 | 50 | |
| A240002525080 | SBZY 02525 | NK 80 | 25 | 25 | 50 | |
| A240002525150 | SBZY 02525 | NK 150 | 25 | 25 | 50 | |
| A240003020040 | SBZY 03020 | NK 40 | 30 | 20 | 50 | |
| A240003020050 | SBZY 03020 | NK 50 | 30 | 20 | 50 | |
| A240003020060 | SBZY 03020 | NK 60 | 30 | 20 | 50 | |
| A240003020080 | SBZY 03020 | NK 80 | 30 | 20 | 50 | |
| A240003020150 | SBZY 03020 | NK 150 | 30 | 20 | 50 | |
| A240003020240 | SBZY 03020 | NK 240 | 30 | 20 | 50 | |
| A240003030040 | SBZY 03030 | NK 40 | 30 | 30 | 50 | |
| A240003030050 | SBZY 03030 | NK 50 | 30 | 30 | 50 | |
| A240003030060 | SBZY 03030 | NK 60 | 30 | 30 | 50 | |
| A240003030080 | SBZY 03030 | NK 80 | 30 | 30 | 50 | |
| A240003030150 | SBZY 03030 | NK 150 | 30 | 30 | 50 | |
| A240003030240 | SBZY 03030 | NK 240 | 30 | 30 | 50 | |
| A240003030320 | SBZY 03030 | NK 320 | 30 | 30 | 50 | |
| A240003825040 | SBZY 03825 | NK 40 | 38 | 25 | 50 | |
| A240003825050 | SBZY 03825 | NK 50 | 38 | 25 | 50 | |
| A240003825060 | SBZY 03825 | NK 60 | 38 | 25 | 50 | |
| A240003825080 | SBZY 03825 | NK 80 | 38 | 25 | 50 | |
| A240003825150 | SBZY 03825 | NK 150 | 38 | 25 | 50 | |
| A240004530040 | SBZY 04530 | NK 40 | 45 | 30 | 50 | |
| A240004530050 | SBZY 04530 | NK 50 | 45 | 30 | 50 | |
| A240004530060 | SBZY 04530 | NK 60 | 45 | 30 | 50 | |
| A240004530080 | SBZY 04530 | NK 80 | 45 | 30 | 50 | |
| A240004530150 | SBZY 04530 | NK 150 | 45 | 30 | 50 | |
| A240004530240 | SBZY 04530 | NK 240 | 45 | 30 | 50 | |
| A240004530320 | SBZY 04530 | NK 320 | 45 | 30 | 50 | |
| A240005125040 | SBZY 05125 | NK 40 | 51 | 25 | 50 | |
| A240005125050 | SBZY 05125 | NK 50 | 51 | 25 | 50 | |
| A240005125060 | SBZY 05125 | NK 60 | 51 | 25 | 50 | |
| A240005125080 | SBZY 05125 | NK 80 | 51 | 25 | 50 | |
| A240005125150 | SBZY 05125 | NK 150 | 51 | 25 | 50 | |
| A240006030040 | SBZY 06030 | NK 40 | 60 | 30 | 50 | |
| A240006030050 | SBZY 06030 | NK 50 | 60 | 30 | 50 | |
| A240006030060 | SBZY 06030 | NK 60 | 60 | 30 | 50 | |
| A240006030080 | SBZY 06030 | NK 80 | 60 | 30 | 50 | |
| A240006030150 | SBZY 06030 | NK 150 | 60 | 30 | 50 | |
| A640006030240 | SBZY 06030 | NK 240 | 60 | 30 | 50 | NEW |
| A240007530040 | SBZY 07530 | NK 40 | 75 | 30 | 50 | |

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

GRINDING AND POLISHING
(with flexible tools)

| | Product number | Description | Grit | D mm | T mm | Pack contains |
|---|----------------|-------------|--------|------|------|---------------|
| | A240007530060 | SBZY 07530 | NK 60 | 75 | 30 | 50 |
| | A240007530080 | SBZY 07530 | NK 80 | 75 | 30 | 50 |
| | A240007530150 | SBZY 07530 | NK 150 | 75 | 30 | 50 |
| NEW | A640007530240 | SBZY 07530 | NK 240 | 75 | 30 | 50 |
| | A240010040040 | SBZY 10040 | NK 40 | 100 | 40 | 25 |
| | A240010040060 | SBZY 10040 | NK 60 | 100 | 40 | 25 |
| | A240010040080 | SBZY 10040 | NK 80 | 100 | 40 | 25 |
| | A240010040150 | SBZY 10040 | NK 150 | 100 | 40 | 25 |
| NEW | A6400100100040 | SBZY 100100 | NK 40 | 100 | 100 | 6 |
| Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium | | | | | | |

STZY hard abrasive band mandrel, cylindrical shape



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

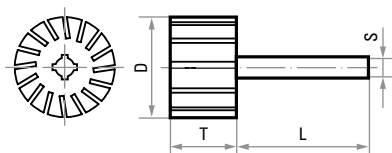
★★☆

| Product number | Description | Type | D mm | T mm | S mm | L mm | n_{max} rpm | Pack contains |
|-----------------|---------------|------|------|------|------|------|---------------|---------------|
| A2500010103 | STZY 01010.03 | hard | 10 | 10 | 3 | 25 | 54,000 | 5 |
| A2500010106 | STZY 01010.06 | hard | 10 | 10 | 6 | 40 | 57,000 | 5 |
| A2500010206 | STZY 01020.06 | hard | 10 | 20 | 6 | 40 | 57,000 | 5 |
| A2500012106 | STZY 01210.06 | hard | 12 | 10 | 6 | 40 | 46,500 | 5 |
| A2500012132 | STZY 01213.02 | hard | 12 | 13 | 2.35 | 40 | 26,000 | 5 |
| A2500012256 | STZY 01225.06 | hard | 12 | 25 | 6 | 40 | 46,500 | 5 |
| A2500013256 | STZY 01325.06 | hard | 13 | 25 | 6 | 40 | 44,000 | 5 |
| A2500015106 | STZY 01510.06 | hard | 15 | 10 | 6 | 40 | 38,000 | 5 |
| A2500015306 | STZY 01530.06 | hard | 15 | 30 | 6 | 40 | 38,000 | 5 |
| A2500019256 | STZY 01925.06 | hard | 19 | 25 | 6 | 40 | 30,000 | 5 |
| A2500022106 | STZY 02210.06 | hard | 22 | 10 | 6 | 40 | 26,000 | 5 |
| A2500022206 | STZY 02220.06 | hard | 22 | 20 | 6 | 40 | 26,000 | 5 |
| A2500025256 | STZY 02525.06 | hard | 25 | 25 | 6 | 40 | 22,500 | 5 |
| A2500030206 | STZY 03020.06 | hard | 30 | 20 | 6 | 40 | 19,000 | 5 |
| A2500030306 | STZY 03030.06 | hard | 30 | 30 | 6 | 40 | 19,000 | 5 |
| A2500038256 | STZY 03825.06 | hard | 38 | 25 | 6 | 40 | 15,000 | 5 |
| A25000453060001 | STZY 04530.06 | hard | 45 | 30 | 6 | 40 | 13,000 | 5 |
| A2500051256 | STZY 05125.06 | hard | 51 | 25 | 6 | 40 | 11,200 | 5 |
| A25000603060001 | STZY 06030.06 | hard | 60 | 30 | 6 | 40 | 9,500 | 5 |
| A2500060308 | STZY 06030.08 | hard | 60 | 30 | 8 | 40 | 9,500 | 5 |
| A25000753080001 | STZY 07530.08 | hard | 75 | 30 | 8 | 40 | 6,500 | 2 |



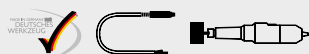
STZY medium abrasive band mandrel, cylindrical shape

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



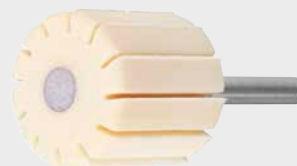
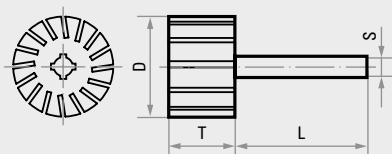
★★☆

| Product number | Description | Type | D mm | T mm | S mm | L mm | n_{max} rpm | Pack contains |
|-----------------|---------------|--------|------|------|------|------|---------------|---------------|
| A2501008103 | STZY 00810.03 | medium | 8 | 10 | 3 | 40 | 47,500 | 5 |
| A2501012256 | STZY 01225.06 | medium | 12 | 25 | 6 | 40 | 31,500 | 5 |
| A2501015306 | STZY 01530.06 | medium | 15 | 30 | 6 | 40 | 25,000 | 5 |
| A2501022206 | STZY 02220.06 | medium | 22 | 20 | 6 | 40 | 17,000 | 5 |
| A2501030206 | STZY 03020.06 | medium | 30 | 20 | 6 | 40 | 12,500 | 5 |
| A2501030306 | STZY 03030.06 | medium | 30 | 30 | 6 | 40 | 12,500 | 5 |
| A25010453060001 | STZY 04530.06 | medium | 45 | 30 | 6 | 40 | 13,000 | 5 |
| A25010603060001 | STZY 06030.06 | medium | 60 | 30 | 6 | 40 | 6,500 | 5 |
| A25011004080001 | STZY 10040.08 | medium | 100 | 40 | 8 | 40 | 4,000 | 2 |



STZY soft abrasive band mandrel, cylindrical shape

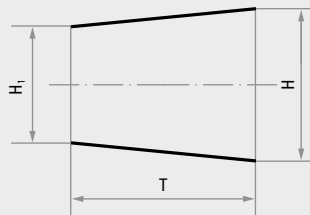
The stated maximum permissible speeds apply for a maximum overhang length L_0 of 20 mm. The maximum permissible speed must be calculated separately for other overhang lengths!



★★☆

| Product number | Description | Type | D mm | T mm | S mm | L mm | n_{max} rpm | Pack contains |
|----------------|---------------|------|------|------|------|------|---------------|---------------|
| A2502030306 | STZY 03030.06 | soft | 30 | 30 | 6 | 40 | 9,500 | 5 |
| A2502045306 | STZY 04530.06 | soft | 45 | 30 | 6 | 40 | 6,300 | 5 |
| A2502060306 | STZY 06030.06 | soft | 60 | 30 | 6 | 40 | 4,700 | 5 |
| A2502075308 | STZY 07530.08 | soft | 75 | 30 | 8 | 40 | 3,800 | 2 |
| A2502100408 | STZY 10040.08 | soft | 100 | 40 | 8 | 40 | 2,800 | 2 |

SBKE regular aluminium oxide abrasive band, conical shape



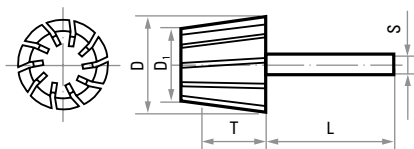
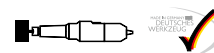
- tapered for grinding on hard-to-reach areas
- for rough grinding, regular aluminium oxide has good tool life when used on structural steel and ensures cost-effective machining.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- in combination with abrasive band mandrels for use with straight grinders or machines with flexible shafts

★★☆

| Product number | Description | Grit | H mm | T mm | H ₁ mm | Pack contains |
|----------------|-------------|--------|------|------|-------------------|---------------|
| A300002063040 | SBKE 02063 | NK 40 | 20 | 63 | 14 | 50 |
| A300002063060 | SBKE 02063 | NK 60 | 20 | 63 | 14 | 50 |
| A300002063080 | SBKE 02063 | NK 80 | 20 | 63 | 14 | 50 |
| A300002063150 | SBKE 02063 | NK 150 | 20 | 63 | 14 | 50 |
| A300002930040 | SBKE 02930 | NK 40 | 29 | 30 | 22 | 50 |
| A300002930050 | SBKE 02930 | NK 50 | 29 | 30 | 22 | 50 |
| A300002930060 | SBKE 02930 | NK 60 | 29 | 30 | 22 | 50 |
| A300002930080 | SBKE 02930 | NK 80 | 29 | 30 | 22 | 50 |
| A300002930150 | SBKE 02930 | NK 150 | 29 | 30 | 22 | 50 |
| A300003660040 | SBKE 03660 | NK 40 | 36 | 60 | 22 | 50 |
| A300003660050 | SBKE 03660 | NK 50 | 36 | 60 | 22 | 50 |
| A300003660060 | SBKE 03660 | NK 60 | 36 | 60 | 22 | 50 |
| A300003660080 | SBKE 03660 | NK 80 | 36 | 60 | 22 | 50 |
| A300003660150 | SBKE 03660 | NK 150 | 36 | 60 | 22 | 50 |

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

STKE hard abrasive band mandrel, conical shape



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

★★☆

| Product number | Description | Type | D mm | T mm | S mm | D ₁ mm | L mm | n _{max} rpm | Pack contains |
|----------------|---------------|------|------|------|------|-------------------|------|----------------------|---------------|
| A2500020636 | STKE 02063.06 | hard | 20 | 63 | 6 | 14 | 40 | 21,000 | 5 |
| A2500029306 | STKE 02930.06 | hard | 29 | 30 | 6 | 22 | 40 | 21,000 | 5 |
| A2500036606 | STKE 03660.06 | hard | 36 | 60 | 6 | 22 | 40 | 13,500 | 5 |

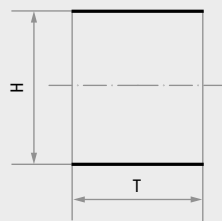
ABRASIVE BANDS ALSO FOR CONDITIONING MACHINES

MEET EVERY CHALLENGE WITH LUKAS TOOLS

SBZY abrasive band rolls



- abrasive band rolls in combination with a soft mandrel for use on conditioning machines
- for rough grinding, regular aluminium oxide has good tool life when used on structural steel and ensures cost-effective machining.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding



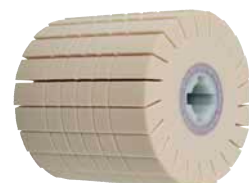
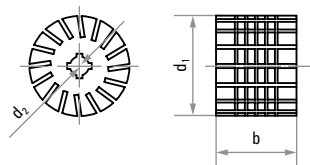
★★☆

| Product number | Description | Grit | H mm | T mm | Pack contains |
|----------------|-------------|--------|------|------|---------------|
| A2400100100060 | SBZY 100100 | NK 60 | 100 | 100 | 6 |
| A2400100100080 | SBZY 100100 | NK 80 | 100 | 100 | 6 |
| A2400100100120 | SBZY 100100 | NK 120 | 100 | 100 | 6 |
| A2400100100150 | SBZY 100100 | NK 150 | 100 | 100 | 6 |

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



STWS soft abrasive band mandrel, cylindrical shape



The 19 mm bore has four 6 mm keyways.

★★☆

| Product number | Description | Type | d ₁ mm | b mm | Bore d ₂ mm | n _{max} rpm | Pack contains |
|----------------|-------------|------|-------------------|------|------------------------|----------------------|---------------|
| A2502100100 | STWS 100100 | soft | 100 | 100 | 19 | 2,800 | 1 |

SBL finishing belt



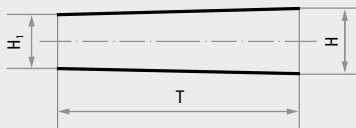
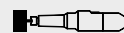
★★☆

■ operating speed: 28 m/s

| Product number | Description | Grit | B mm | Length mm | Backing | 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

SHKE conical abrasive sleeve

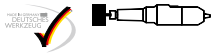


★★☆

- tapered for grinding hard-to-reach areas
- for rough grinding, regular aluminium oxide has good tool life when working on structural steel and ensures cost-effective machining.
- for cleaning, light deburring, refining, surface and contour grinding as well as fine grinding
- in combination with abrasive band mandrels for use with straight grinders or machines with flexible shafts

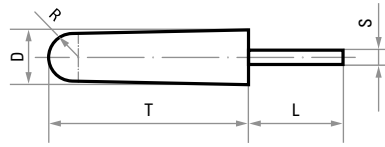
| Product number | Description | Grit | H mm | T mm | H ₁ mm | Pack contains |
|----------------|-------------|--------|------|------|-------------------|---------------|
| A2101108080 | SHKE 0885 | NK 80 | 8 | 85 | 4.5 | 25 |
| A2101108150 | SHKE 0885 | NK 150 | 8 | 85 | 4.5 | 25 |
| A2101158080 | SHKE 1385 | NK 80 | 13 | 85 | 9.5 | 25 |
| A2101158150 | SHKE 1385 | NK 150 | 13 | 85 | 9.5 | 25 |
| A2101208080 | SHKE 1885 | NK 80 | 18 | 85 | 14.5 | 25 |
| A2101208150 | SHKE 1885 | NK 150 | 18 | 85 | 14.5 | 25 |
| A2101258080 | SHKE 2385 | NK 80 | 23 | 85 | 19.5 | 25 |
| A2101258150 | SHKE 2385 | NK 150 | 23 | 85 | 19.5 | 25 |

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



GTKE conical abrasive sleeve mandrel

To reach deep machining areas, LUKAS grinding caps with a round conical shape (pp. 244–246) can also be used on this mandrel with a head length of 85 mm in addition to abrasive sleeves.



★★☆

| Product number | Description | D mm | T mm | L mm | ~ R mm | Shank diameter x length mm | n _{max} rpm | Pack contains |
|----------------|-------------|---------|---------|---------|-----------|-------------------------------|-------------------------|------------------|
| A25001086 | GTKE 0885 | 8 | 85 | 40 | 2 | 6 x 40 | 24,000 | 5 |
| A25001586 | GTKE 1385 | 13 | 85 | 40 | 5 | 6 x 40 | 17,000 | 5 |
| A25002086 | GTKE 1885 | 18 | 85 | 40 | 7.5 | 6 x 40 | 12,000 | 5 |
| A25002586 | GTKE 2385 | 23 | 85 | 40 | 9.5 | 6 x 40 | 10,000 | 5 |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive rolls and mandrels from LUKAS

SRZY CYLINDRICAL ABRASIVE ROLLS AND
SRKE CONICAL ABRASIVE ROLLS

These abrasive rolls consist of wound abrasive cloth. Their design ensures that new abrasive grain is repeatedly exposed during the grinding process as the outer diameter wears down. Please pay attention to the rotational direction during use and mount the abrasive roll so that the bonded side points towards the mandrel.

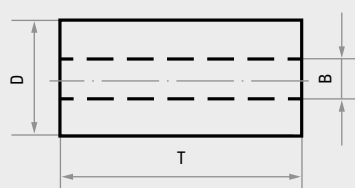
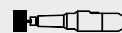
Application examples:

- Deburring
- Cleaning
- Fettling

SRTR ABRASIVE ROLL MANDREL

Reusable tool carrier for secure mounting of the cylindrical and conical abrasive rolls.

SRZY Ceramic abrasive roll, cylindrical



- continuous grinding of small workpieces
- abrasive roll with ceramic grain for an exceptional tool life
- Hardened surfaces, wear-resistant steels, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- for deburring, cleaning or fettling of small workpieces
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found on **page 241**.

★★★

| Product number | Description | Grit | D mm | T mm | B mm | n_{max} rpm | Matching abrasive roll mandrels | Pack contains |
|-------------------|-------------|-------------|---------|---------|---------|------------------|------------------------------------|------------------|
| A2403006380600001 | SRZY 0638 | Ceramic 60 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A2403006380800001 | SRZY 0638 | Ceramic 80 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A2403006381200001 | SRZY 0638 | Ceramic 120 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A2403010380600001 | SRZY 1038 | Ceramic 60 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A2403010380800001 | SRZY 1038 | Ceramic 80 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A2403010381200001 | SRZY 1038 | Ceramic 120 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A2403013380600001 | SRZY 1338 | Ceramic 60 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A2403013380800001 | SRZY 1338 | Ceramic 80 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A2403013381200001 | SRZY 1338 | Ceramic 120 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |

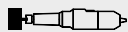
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

MULTI-LAYER ABRASIVE COATING WOUND IN A CYLINDRICAL FORM

ACHIEVE AN EXCEPTIONAL TOOL LIFE WITH LUKAS ABRASIVE ROLLS

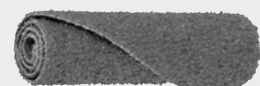
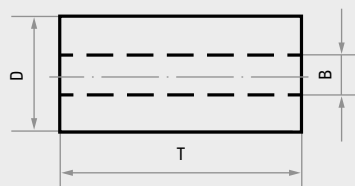


GRINDING AND POLISHING
(with flexible tools)



Abrasive roll SRZY SIC **NEW**

- for deburring, cleaning or fettling small workpieces
 - silicon carbide for a long tool life
 - on cast materials, glass and stone
 - enormous amount of abrasive coating due to the large, cylindrically wound working surface
- The matching tool carriers can be found on **page 241**.

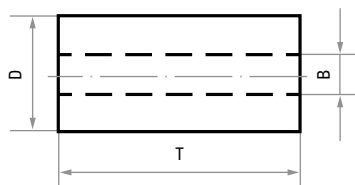


★★☆

| Product number | Description | Grit | D mm | T mm | B mm | n _{max} rpm | Matching abrasive roll mandrels | Pack contains |
|------------------|-------------|---------|------|------|------|----------------------|---------------------------------|---------------|
| A640300638150001 | SRZY 0638 | SIC 150 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A64030063815002 | SRZY 0638 | SIC 150 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 100 |
| A640300638080001 | SRZY 0638 | SIC 80 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A64030103815002 | SRZY 1038 | SIC 150 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 100 |
| A640301038240 | SRZY 1038 | SIC 240 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A64030123815002 | SRZY 1238 | SIC 150 | 12 | 38 | 3 | 24,000 | SRTR 3070.06 | 100 |
| A640301438150001 | SRZY 1438 | SIC 150 | 14 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A640301438240001 | SRZY 1438 | SIC 240 | 14 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A640301838150001 | SRZY 1838 | SIC 150 | 18 | 38 | 3 | 16,000 | SRTR 3070.06 | 50 |

Recommended for: ● Aluminium ● Cast material ● Stone

SRZY regular aluminium oxide abrasive roll, cylindrical



- for deburring, cleaning or fettling of small workpieces
- Regular aluminium oxide has good tool life when used on structural steel, when rough grinding, and ensures cost-effective machining.
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found on **page 241**.

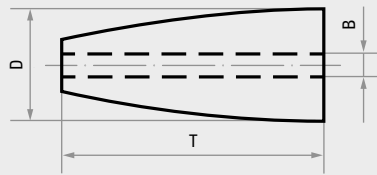
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| | Product number | Description | Grit | D mm | T mm | B mm | n _{max} rpm | Matching abrasive roll mandrels | Pack contains |
|---|-------------------|-------------|--------|------|------|------|----------------------|---------------------------------|---------------|
| | A240300625080 | SRZY 0625 | NK 80 | 6 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240300625150 | SRZY 0625 | NK 150 | 6 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| NEW | A640300625240 | SRZY 0625 | NK 240 | 6 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| NEW | A640300638060 | SRZY 0638 | NK 60 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240300638080 | SRZY 0638 | NK 80 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| NEW | A6403006381200003 | SRZY 0638 | NK 120 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240300638150 | SRZY 0638 | NK 150 | 6 | 38 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240301025050 | SRZY 1025 | NK 50 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240301025080 | SRZY 1025 | NK 80 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240301025150 | SRZY 1025 | NK 150 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| | A240301038050 | SRZY 1038 | NK 50 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| | A240301038080 | SRZY 1038 | NK 80 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| NEW | A640301038120 | SRZY 1038 | NK 120 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 200 |
| | A240301038150 | SRZY 1038 | NK 150 | 10 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| | A240301325050 | SRZY 1325 | NK 50 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| | A240301325080 | SRZY 1325 | NK 80 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| | A240301325150 | SRZY 1325 | NK 150 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| | A240301338050 | SRZY 1338 | NK 50 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| | A240301338080 | SRZY 1338 | NK 80 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| NEW | A640301338120002 | SRZY 1338 | NK 120 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 100 |
| | A240301338150 | SRZY 1338 | NK 150 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| NEW | A640301338240 | SRZY 1338 | NK 240 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| | A240302038050 | SRZY 2038 | NK 50 | 20 | 38 | 5 | 16,000 | SRTR 5085.06 | 50 |
| | A240302038080 | SRZY 2038 | NK 80 | 20 | 38 | 5 | 16,000 | SRTR 5085.06 | 50 |
| | A240302038150 | SRZY 2038 | NK 150 | 20 | 38 | 5 | 16,000 | SRTR 5085.06 | 50 |
| | A240302050050 | SRZY 2050 | NK 50 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |
| | A240302050080 | SRZY 2050 | NK 80 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |
| Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium | | | | | | | | | |



SRKE regular aluminium oxide abrasive roll, conical

- for deburring, cleaning or fettling of small workpieces
- tapered for grinding hard-to-reach areas
- Regular aluminium oxide has good tool life when used on structural steel, when rough grinding, and ensures cost-effective machining.
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found at the bottom of this page.



★★☆

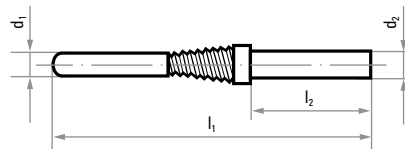
| Product number | Description | Grit | D mm | T mm | B mm | n_{max} rpm | Matching abrasive roll mandrels | Pack contains |
|------------------|-------------|--------|------|------|------|---------------|---------------------------------|----------------|
| A640401050080001 | SRKE 1050 | NK 80 | 10 | 50 | 3 | 24,000 | SRTR 3070.06 | 100 NEW |
| A640401050080 | SRKE 1050 | NK 80 | 10 | 50 | 3 | 24,000 | SRTR 3070.06 | 100 NEW |
| A240401025050 | SRKE 1025 | NK 50 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A240401025080 | SRKE 1025 | NK 80 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A240401025150 | SRKE 1025 | NK 150 | 10 | 25 | 3 | 24,000 | SRTR 3063.03 or SRTR 3063.06 | 50 |
| A640401050150001 | SRKE 1050 | NK 150 | 10 | 50 | 3 | 24,000 | SRTR 3070.06 | 100 NEW |
| A640401050150 | SRKE 1050 | NK 150 | 10 | 50 | 3 | 24,000 | SRTR 3070.06 | 100 NEW |
| A640401050280 | SRKE 1050 | NK 280 | 10 | 50 | 3 | 24,000 | SRTR 3070.06 | 100 NEW |
| A240401325050 | SRKE 1325 | NK 50 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| A240401325080 | SRKE 1325 | NK 80 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| A240401325150 | SRKE 1325 | NK 150 | 13 | 25 | 3 | 24,000 | SRTR 3063.06 | 50 |
| A240401338050 | SRKE 1338 | NK 50 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A240401338080 | SRKE 1338 | NK 80 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A240401338150 | SRKE 1338 | NK 150 | 13 | 38 | 3 | 24,000 | SRTR 3070.06 | 50 |
| A240401638050 | SRKE 1638 | NK 50 | 16 | 38 | 3 | 16,000 | SRTR 3070.06 | 50 |
| A240401638080 | SRKE 1638 | NK 80 | 16 | 38 | 3 | 16,000 | SRTR 3070.06 | 50 |
| A240401638150 | SRKE 1638 | NK 150 | 16 | 38 | 3 | 16,000 | SRTR 3070.06 | 50 |
| A240402050036 | SRKE 2050 | NK 36 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |
| A240402050050 | SRKE 2050 | NK 50 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |
| A240402050080 | SRKE 2050 | NK 80 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |
| A240402050150 | SRKE 2050 | NK 150 | 20 | 50 | 5 | 16,000 | SRTR 5085.06 | 50 |

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

GRINDING AND POLISHING
(with flexible tools)



SRTR abrasive roll mandrel



★★☆

| Product number | Description | Type | d_1 mm | l_1 mm | d_2 mm | l_2 mm | Pack contains |
|----------------|--------------|------|----------|----------|----------|----------|---------------|
| A32030130001 | SRTR 3063.03 | Inox | 3 | 64 | 3 | 27 | 5 |
| A32030160001 | SRTR 3063.06 | Inox | 3 | 64 | 6 | 27 | 1 |
| A32030260001 | SRTR 3070.06 | Inox | 3 | 70 | 6 | 25 | 1 |
| A32030460001 | SRTR 5085.06 | Inox | 5 | 85 | 6 | 35 | 5 |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS abrasive caps and mandrels

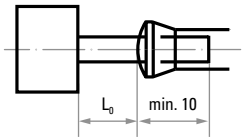
Our abrasive caps and sleeves consist of high-quality abrasive cloth and are manufactured to fit perfectly on our corresponding mandrels. We offer a large assortment of tools with the corresponding mandrel for various applications.

Application examples:

- Fine and ultra-fine grinding work, especially in hard-to-reach areas
- Machining in tool- and mouldmaking industry as well as pattern construction

PERMISSIBLE SPEEDS

The maximum permissible speeds indicated in the respective table of abrasive cap mandrels apply for a maximum overhang length of 15 mm. The maximum permissible speed must be calculated separately for other overhang lengths!



| ABRASIVE CAP CERAMIC | ABRASIVE CAP SILIZIUMKARBID | ABRASIVE CAP SPECIAL |
|--|---|--|
| ★★★ | ★★☆ | ★★☆ |
| | | |
| Self-sharpening ceramic grain for machining the most challenging materials. Hardened and wear-resistant steels, titanium alloys, weld seams and hard coatings are no longer a problem with this grain. | Silicon carbide especially for machining aluminium alloys and cast materials. Particularly recommended for applications in the aerospace industry on account of the low heat generation and reduced flying sparks | Special quality for the machining of corrosion and heat-resistant steels in the tool- and mould-making industry as well as for the universal machining of plastics, aluminium and non-ferrous metals. The surface layer with active abrasive additives enables enhanced stock removal rate and a longer tool life. |

THE GRINDING TOOL WITH SELF-SHARPENING EFFECT

GRIND LONGER ON THE HARDEST METALS WITH THE LUKAS CERAMIC ABRASIVE CAP



Whether tool steel, cast steel or titanium alloys – an increasing amount of extremely hard and tough metals are machined in industry. With the ceramic abrasive cap, a tool for straight grinders is now available that makes machining smaller parts and deburring extremely easy. An extra-long tool life is an added bonus thanks to the self-sharpening effect.

4 DIFFERENT
SHAPES
AVAILABLE



**AN ALL-ROUND TOOL
FOR DEBURRING, GRINDING,
BEVELLING AND REGRINDING**

MAXIMUM CUTTING PERFORMANCE

The abrasive caps with ceramic grain were developed for machining the most demanding materials. Hardened and wear-resistant steels, titanium alloys, weld seams and hard coatings are no longer a problem when using these abrasive caps. Due to its self-sharpening effect, this aggressive grinding behaviour is retained for a very long time.

THE TROUBLESHOOTER FOR MACHINING METAL

The Ceramic abrasive caps represent a valuable addition as a tool for all industries in which hard metals are machined. These include the tool and mould industries as well as demanding mechanical and steel engineering and also the aerospace industry. These abrasive caps are perfect for grinding uneven surfaces, machining small parts, deburring and regrinding small radii. The abrasive caps can even be used for stainless steel because they generate little heat during grinding.



SEE THE SKWR
CERAMIC ABRASIVE CAP
IN ACTION HERE!

GRINDING AND POLISHING
(with flexible tools)

SELF-SHARPENING EFFECT REDUCES TOOL COSTS

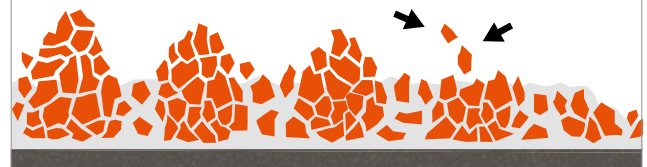
Thanks to self-sharpening, Ceramic abrasive caps achieve a tool life many times that of ordinary caps. Tool changes are required much less frequently, thus reducing tool costs.

NO MORE GLAZING

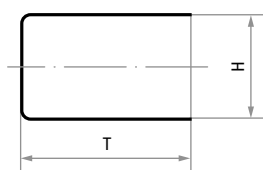
The grinding particles embedded in a resin matrix break off when worn and make way for new particles with sharp cutting edges. The dulling known as “glazing” familiar with other grinding tools does not occur when machining hard materials. As a result, the Ceramic abrasive cap continues to work like new despite wear.

THE SELF-SHARPENING EFFECT

Worn grinding particles break off, exposing new particles with sharp cutting edges. That's why the abrasive cap remains as sharp as new for a long time.



SK Ceramic abrasive caps



- self-sharpening
- for the hardest materials
- exceptionally long tool life
- precise fit
- also for stainless steel

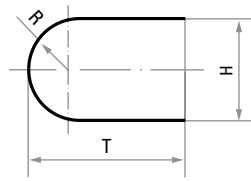
★★★

| Product number | Description | Shapes | Grit | H mm | T mm | Pack contains |
|----------------|-------------|--------|-------------|------|------|---------------|
| A21120052080 | SKWR 0511 | | Ceramic 80 | 5 | 11 | 100 |
| A21120052150 | SKWR 0511 | | Ceramic 150 | 5 | 11 | 100 |
| A21120072080 | SKWR 0713 | | Ceramic 80 | 7 | 13 | 100 |
| A21120072150 | SKWR 0713 | | Ceramic 150 | 7 | 13 | 100 |
| A21120102080 | SKWR 1015 | | Ceramic 80 | 10 | 15 | 100 |
| A21120102150 | SKWR 1015 | | Ceramic 150 | 10 | 15 | 100 |
| A21120132080 | SKWR 1319 | | Ceramic 80 | 13 | 19 | 100 |
| A21120132150 | SKWR 1319 | | Ceramic 150 | 13 | 19 | 100 |
| A21120162080 | SKWR 1626 | | Ceramic 80 | 16 | 26 | 100 |
| A21120162150 | SKWR 1626 | | Ceramic 150 | 16 | 26 | 100 |
| A2112051080 | SKKE 0515 | | Ceramic 80 | 5 | 15 | 100 |
| A2112051150 | SKKE 0515 | | Ceramic 150 | 5 | 15 | 100 |
| A2112112080 | SKKE 1125 | | Ceramic 80 | 11 | 25 | 100 |
| A2112112150 | SKKE 1125 | | Ceramic 150 | 11 | 25 | 100 |
| A2112163080 | SKKE 1632 | | Ceramic 80 | 16 | 32 | 100 |
| A2112163150 | SKKE 1632 | | Ceramic 150 | 16 | 32 | 100 |
| A2112224080 | SKKE 2140 | | Ceramic 80 | 21 | 40 | 100 |
| A2112224150 | SKKE 2140 | | Ceramic 150 | 21 | 40 | 100 |
| A21120051080 | SKZY 0510 | | Ceramic 80 | 5 | 10 | 100 |
| A21120051150 | SKZY 0510 | | Ceramic 150 | 5 | 10 | 100 |
| A21120071080 | SKZY 0712 | | Ceramic 80 | 7 | 12 | 100 |
| A21120071150 | SKZY 0712 | | Ceramic 150 | 7 | 12 | 100 |
| A21120101080 | SKZY 1015 | | Ceramic 80 | 10 | 15 | 100 |
| A21120101150 | SKZY 1015 | | Ceramic 150 | 10 | 15 | 100 |
| A21120131080 | SKZY 1317 | | Ceramic 80 | 13 | 17 | 100 |
| A21120131150 | SKZY 1317 | | Ceramic 150 | 13 | 17 | 100 |
| A21120161080 | SKZY 1626 | | Ceramic 80 | 16 | 26 | 100 |
| A21120161150 | SKZY 1626 | | Ceramic 150 | 16 | 26 | 100 |
| A21120053080 | SKWK 0511 | | Ceramic 80 | 5 | 11 | 100 |
| A21120053150 | SKWK 0511 | | Ceramic 150 | 5 | 11 | 100 |
| A21120073080 | SKWK 0713 | | Ceramic 80 | 7 | 13 | 100 |
| A21120073150 | SKWK 0713 | | Ceramic 150 | 7 | 13 | 100 |
| A21120103080 | SKWK 1015 | | Ceramic 80 | 10 | 15 | 100 |
| A21120103150 | SKWK 1015 | | Ceramic 150 | 10 | 15 | 100 |
| A21120133080 | SKWK 1319 | | Ceramic 80 | 13 | 19 | 100 |
| A21120133150 | SKWK 1319 | | Ceramic 150 | 13 | 19 | 100 |
| A21120163080 | SKWK 1626 | | Ceramic 80 | 16 | 26 | 100 |
| A21120163150 | SKWK 1626 | | Ceramic 150 | 16 | 26 | 100 |

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




SKWR SIC abrasive cap NEW



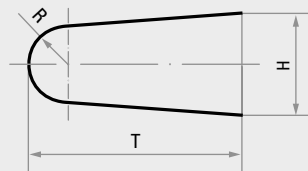
- for machining cast material
- for precise work

★★☆

| Product number | Description | Shapes | Grit | H mm | T mm | Pack contains |
|--|-------------|---|---------|------|------|---------------|
| A61000052240 | SKWR 0511 |  | SIC 240 | 5 | 11 | 100 |
| A610001020800010 | SKWR 1015 | | SIC 80 | 10 | 15 | 100 |
| A610001320800010 | SKWR 1319 | | SIC 80 | 13 | 19 | 100 |
| Recommended for: Aluminium Cast material Titanium | | | | | | |


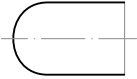
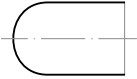


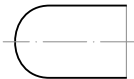
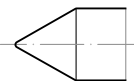

SKS Special abrasive cap



- enhanced stock removal rate using regular aluminium oxide with active abrasive surface layer
- suitable for corrosion and heat-resistant steels as well as for universal machining of plastics, non-ferrous metals and many other materials

★★☆

| Product number | Description | Shapes | Grit | H mm | T mm | Pack contains |
|---|-------------|---|---------|---------|---------|------------------|
| A21020051080 | SKZYS 0510 |  | NKS 80 | 5 | 10 | 100 |
| A21020051150 | SKZYS 0510 | | NKS 150 | 5 | 10 | 100 |
| A21020051320 | SKZYS 0510 | | NKS 320 | 5 | 10 | 100 |
| A21020071060 | SKZYS 0712 | | NKS 60 | 7 | 12 | 100 |
| A21020071080 | SKZYS 0712 | | NKS 80 | 7 | 12 | 100 |
| A21020071150 | SKZYS 0712 | | NKS 150 | 7 | 12 | 100 |
| A21020071320 | SKZYS 0712 | | NKS 320 | 7 | 12 | 100 |
| A21020101060 | SKZYS 1015 | | NKS 60 | 10 | 15 | 100 |
| A21020101080 | SKZYS 1015 | | NKS 80 | 10 | 15 | 100 |
| A21020101150 | SKZYS 1015 | | NKS 150 | 10 | 15 | 100 |
| A21020101320 | SKZYS 1015 | | NKS 320 | 10 | 15 | 100 |
| A21020131060 | SKZYS 1317 | | NKS 60 | 13 | 17 | 100 |
| A21020131080 | SKZYS 1317 | | NKS 80 | 13 | 17 | 100 |
| A21020131150 | SKZYS 1317 | | NKS 150 | 13 | 17 | 100 |
| A21020131320 | SKZYS 1317 | | NKS 320 | 13 | 17 | 100 |
| A21020161060 | SKZYS 1626 |  | NKS 60 | 16 | 26 | 100 |
| A21020161080 | SKZYS 1626 | | NKS 80 | 16 | 26 | 100 |
| A21020161150 | SKZYS 1626 | | NKS 150 | 16 | 26 | 100 |
| A21020161320 | SKZYS 1626 | | NKS 320 | 16 | 26 | 100 |
| A21020052080 | SKWRS 0511 |  | NKS 80 | 5 | 11 | 100 |
| A21020052150 | SKWRS 0511 | | NKS 150 | 5 | 11 | 100 |
| A21020052320 | SKWRS 0511 | | NKS 320 | 5 | 11 | 100 |
| Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood | | | | | | |

| Product number | Description | Shapes | Grit | H mm | T mm | Pack contains | |
|-----------------|-------------|---|---------|------|------|---------------|---------------|
| A21020072060 | SKWRS 0713 |  | NKS 60 | 7 | 13 | 100 | |
| A21020072080 | SKWRS 0713 | | NKS 80 | 7 | 13 | 100 | |
| A21020072150 | SKWRS 0713 | | NKS 150 | 7 | 13 | 100 | |
| A21020072320 | SKWRS 0713 | | NKS 320 | 7 | 13 | 100 | |
| A21020102060 | SKWRS 1015 | | NKS 60 | 10 | 15 | 100 | |
| A21020102080 | SKWRS 1015 | | NKS 80 | 10 | 15 | 100 | |
| A21020102150 | SKWRS 1015 | | NKS 150 | 10 | 15 | 100 | |
| A21020102320 | SKWRS 1015 | | NKS 320 | 10 | 15 | 100 | |
| A21020132060 | SKWRS 1319 | | NKS 60 | 13 | 19 | 100 | |
| A21020132080 | SKWRS 1319 | | NKS 80 | 13 | 19 | 100 | |
| A21020132150 | SKWRS 1319 | | NKS 150 | 13 | 19 | 100 | |
| A21020132320 | SKWRS 1319 | | NKS 320 | 13 | 19 | 100 | |
| A21020162060 | SKWRS 1626 | | NKS 60 | 16 | 26 | 100 | |
| A21020162080 | SKWRS 1626 | | NKS 80 | 16 | 26 | 100 | |
| A21020162150 | SKWRS 1626 | | NKS 150 | 16 | 26 | 100 | |
| A21020162320 | SKWRS 1626 | | NKS 320 | 16 | 26 | 100 | |
| A21020053060 | SKWKS 0511 |  | NKS 60 | 5 | 11 | 100 | |
| A21020053080 | SKWKS 0511 | | NKS 80 | 5 | 11 | 100 | |
| A21020053150 | SKWKS 0511 | | NKS 150 | 5 | 11 | 100 | |
| A21020053320 | SKWKS 0511 | | NKS 320 | 5 | 11 | 100 | |
| A21020073060 | SKWKS 0713 | | NKS 60 | 7 | 13 | 100 | |
| A21020073080 | SKWKS 0713 | | NKS 80 | 7 | 13 | 100 | |
| A21020073150 | SKWKS 0713 | | NKS 150 | 7 | 13 | 100 | |
| A21020073320 | SKWKS 0713 | | NKS 320 | 7 | 13 | 100 | |
| A21020103060 | SKWKS 1015 | | NKS 60 | 10 | 15 | 100 | |
| A21020103080 | SKWKS 1015 | | NKS 80 | 10 | 15 | 100 | |
| A21020103150 | SKWKS 1015 | | NKS 150 | 10 | 15 | 100 | |
| A21020103320 | SKWKS 1015 | | NKS 320 | 10 | 15 | 100 | |
| A21020133060 | SKWKS 1319 | | NKS 60 | 13 | 19 | 100 | |
| A21020133080 | SKWKS 1319 | | NKS 80 | 13 | 19 | 100 | |
| A21020133150 | SKWKS 1319 | | NKS 150 | 13 | 19 | 100 | |
| A21020133320 | SKWKS 1319 | | NKS 320 | 13 | 19 | 100 | |
| A21020163060 | SKWKS 1626 | | NKS 60 | 16 | 26 | 100 | |
| A21020163080 | SKWKS 1626 | | NKS 80 | 16 | 26 | 100 | |
| A21020163150 | SKWKS 1626 | | NKS 150 | 16 | 26 | 100 | |
| A21020163320 | SKWKS 1626 | | NKS 320 | 16 | 26 | 100 | |
| Product number | Description | Shapes | Grit | H mm | T mm | ~ R mm | Pack contains |
| A2102051080 | SKKES 0515 |  | NKS 80 | 5 | 15 | 2 | 25 |
| A2102051150 | SKKES 0515 | | NKS 150 | 5 | 15 | 2 | 25 |
| NEW A2102051280 | SKKES 0515 | | NKS 320 | 5 | 15 | 2 | 100 |
| A2102112060 | SKKES 1125 | | NKS 60 | 11 | 25 | 5 | 25 |
| A2102112080 | SKKES 1125 | | NKS 80 | 11 | 25 | 5 | 25 |
| A2102112150 | SKKES 1125 | | NKS 150 | 11 | 25 | 5 | 25 |
| NEW A2102112280 | SKKES 1125 | | NKS 320 | 11 | 25 | 5 | 100 |
| A2102163060 | SKKES 1632 | | NKS 60 | 16 | 32 | 7.5 | 25 |
| A2102163080 | SKKES 1632 | | NKS 80 | 16 | 32 | 7.5 | 25 |
| A2102163150 | SKKES 1632 | | NKS 150 | 16 | 32 | 7.5 | 25 |
| A2102224060 | SKKES 2140 | | NKS 60 | 21 | 40 | 9.5 | 25 |
| A2102224080 | SKKES 2140 | | NKS 80 | 21 | 40 | 9.5 | 25 |
| A2102224150 | SKKES 2140 | | NKS 150 | 21 | 40 | 9.5 | 25 |

Recommended for:

Inox/Steel

Steel

Aluminium

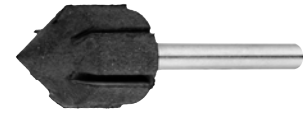
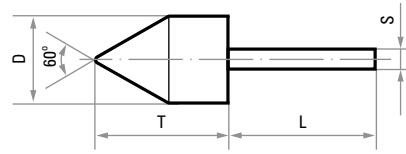
Cast material

Plastic/Wood

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



Abrasive cap mandrel



★★☆☆

| Product number | Description | Shapes | D mm | T mm | Shank diameter x length mm | | n_{max} rpm | Pack contains |
|----------------|-------------|--------|---------|---------|-------------------------------|-------------------------------|------------------|------------------|
| A250000511 | GTZY 0510 | | 5 | 10 | 1/8" x 25 | | 95,000 | 5 |
| A250000513 | GTZY 0510 | | 5 | 10 | 3 x 25 | | 95,000 | 5 |
| A250000713 | GTZY 0712 | | 7 | 12 | 3 x 25 | | 65,000 | 5 |
| A250001011 | GTZY 1015 | | 10 | 15 | 1/8" x 25 | | 45,000 | 5 |
| A250001013 | GTZY 1015 | | 10 | 15 | 3 x 25 | | 45,000 | 5 |
| A250001313 | GTZY 1317 | | 13 | 17 | 3 x 25 | | 35,000 | 5 |
| A250001613 | GTZY 1626 | | 16 | 26 | 3 x 25 | | 18,000 | 5 |
| A250001616 | GTZY 1626 | | 16 | 26 | 6 x 40 | | 30,000 | 5 |
| A250000521 | GTWR 0511 | | 5 | 11 | 1/8" x 25 | | 95,000 | 5 |
| A250000523 | GTWR 0511 | | 5 | 11 | 3 x 25 | | 95,000 | 5 |
| A250000721 | GTWR 0713 | | 7 | 13 | 1/8" x 25 | | 65,000 | 5 |
| A250000723 | GTWR 0713 | | 7 | 13 | 3 x 25 | | 65,000 | 5 |
| A250001021 | GTWR 1015 | | 10 | 15 | 1/8" x 25 | | 45,000 | 5 |
| A250001023 | GTWR 1015 | | 10 | 15 | 3 x 25 | | 45,000 | 5 |
| A250001323 | GTWR 1319 | | 13 | 19 | 3 x 25 | | 35,000 | 5 |
| A250001621 | GTWR 1626 | | 16 | 26 | 1/8" x 25 | | 18,000 | 5 |
| A250001623 | GTWR 1626 | | 16 | 26 | 3 x 25 | | 18,000 | 5 |
| A250001626 | GTWR 1626 | | 16 | 26 | 6 x 40 | | 30,000 | 5 |
| A250000531 | GTWK 0511 | | 5 | 11 | 1/8" x 25 | | 95,000 | 5 |
| A250000533 | GTWK 0511 | | 5 | 11 | 3 x 25 | | 95,000 | 5 |
| A250000733 | GTWK 0713 | | 7 | 13 | 3 x 25 | | 65,000 | 5 |
| A250001033 | GTWK 1015 | | 10 | 15 | 3 x 25 | | 45,000 | 5 |
| A250001333 | GTWK 1319 | | 13 | 19 | 3 x 25 | | 35,000 | 5 |
| A250001633 | GTWK 1626 | | 16 | 26 | 3 x 25 | | 18,000 | 5 |
| A250001636 | GTWK 1626 | | 16 | 26 | 6 x 40 | | 30,000 | 5 |
| Product number | Description | Shapes | D mm | T mm | ~ R mm | Shank diameter x length mm | n_{max} rpm | Pack contains |
| A250000511 | GTKE 0515 | | 5 | 15 | 2 | 1/4" x 40 | 95,000 | 5 |
| A250000513 | GTKE 0515 | | 5 | 15 | 2 | 3 x 25 | 57,000 | 5 |
| A250000516 | GTKE 0515 | | 5 | 15 | 2 | 6 x 40 | 95,000 | 5 |
| A25001126 | GTKE 1125 | | 11 | 25 | 5 | 6 x 40 | 40,000 | 5 |
| A25001636 | GTKE 1632 | | 16 | 32 | 7.5 | 6 x 40 | 30,000 | 5 |
| A25002246 | GTKE 2140 | | 21 | 40 | 9.5 | 6 x 40 | 20,000 | 5 |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Abrasive discs and carriers from LUKAS

PSG/PSR SELF-CLAMPING ABRASIVE DISCS

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

► Find out more about these abrasive discs on **pages 250–257**.



PSK ADHESIVE ABRASIVE DISCS

LUKAS abrasive discs – PSK – are self-adhesive. The rubberised back of the abrasive discs is covered with a protective film. After removing this film, the abrasive discs are stuck to the respective carrier. These discs are suitable for machining many different surfaces. The adhesive bond does not permit reuse once the disc has been peeled off the carrier. These abrasive discs are available in regular aluminium oxide and silicon carbide as well as with different grit sizes, as illustrated in the following tables.

► Find out more about these abrasive discs on **pages 260/261**.



PSH SELF-FIXING ABRASIVE DISCS

LUKAS abrasive discs – PSH – are self-fixing. The abrasive discs have a Velcro backing, with the corresponding carriers covered with hooked fabric. These discs are suitable for machining both flat and concave surfaces. Abrasive discs that have not been completely worn down during machining can be removed and reused another time. These abrasive discs are available in a quality and grit size adapted to the respective application as illustrated in the following tables.

► Find out more about these abrasive discs on **pages 263–266**.












PSG ABRASIVE DISCS

Quality and applications

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

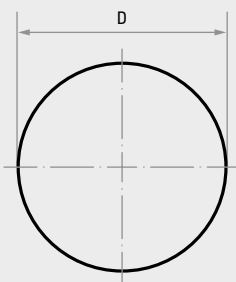
You will find all abrasive discs from the PSG range in the following overview. Read through the properties and application details of the different workpiece materials to find the right quality to meet your requirements.

| Quality | | Properties | Application areas/machining | Page |
|---|--|---|--|------|
|  | NK Abrasive cloth Regular aluminium oxide | very tough abrasive, high resilience | universal grinding and deburring | 252 |
|  | NKE Abrasive cloth Regular aluminium oxide with reinforced backing material | very tough abrasive, high resilience | The reinforcement makes these discs suitable for the toughest demands and beveling. | 253 |
|  | ZK Abrasive cloth Zirconia alumina | exceptionally resilient grain with high pressure resistance | ideal for Hastelloy, Inconel, non-rusting steel and metals that are difficult to machine | 251 |
|  | Z-Power Abrasive cloth Zirconia alumina with active abrasive surface layer | excellent stock removal rate, long tool life | ideal for machining non-rusting steel; special surface layer prevents clogging | 251 |
|  | Ceramic Abrasive cloth Ceramic grain | excellent stock removal rate without grain shredding, particularly stable due to reinforced backing, cool cutting | ideal for machining non-rusting steel and nickel alloys | 250 |
|  | SIC Abrasive cloth Silicon carbide | minimum heat accumulation, special quality for the aerospace industry | Ideal for machining titanium, titanium alloys and aluminium (aviation industry). Plastics and ceramics can also be processed. | 255 |
|  | Abrasive fleece Regular aluminium oxide coarse/brown | polishing effect with the fibre structure, consistent results due to continuous exposure of new grinding particles; long tool life | ideal for removing rust or paint, scratches and pre-grinding marks; general improvement of surface quality | 254 |
|  | Abrasive fleece Regular aluminium oxide medium/red-brown | | | |
|  | Abrasive fleece Regular aluminium oxide fine/blue | | | |

MACHINE ULTRA-HARD MATERIALS

INNOVATIVE CERAMIC GRAIN WITH SELF-SHARPENING EFFECT

PSG Ceramic self-clamping abrasive disc

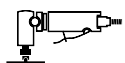


- especially robust ceramic grain for hard materials
 - fitted with a "quick lock" – fastened to the respective carrier by a small twist
 - high stock removal rate and long tool life
 - Hardened surfaces, wear-resistant steel, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- The matching tool carriers can be found on **page 255**.

★★★☆☆

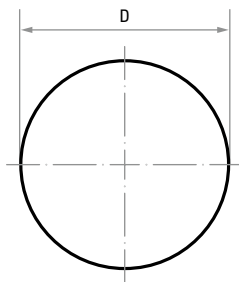
| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|---------|-------------------------|-----------------------------------|------------------|
| A33790250360458 | PSG 025 | Ceramic 36 | 25 | 38,000 | GTG 025 | 100 |
| A33790250600458 | PSG 025 | Ceramic 60 | 25 | 38,000 | GTG 025 | 100 |
| A33790250800458 | PSG 025 | Ceramic 80 | 25 | 38,000 | GTG 025 | 100 |
| A33790251200458 | PSG 025 | Ceramic 120 | 25 | 38,000 | GTG 025 | 100 |
| A33790380360458 | PSG 038 | Ceramic 36 | 38 | 25,000 | GTG 038 | 100 |
| A33790380600458 | PSG 038 | Ceramic 60 | 38 | 25,000 | GTG 038 | 100 |
| A33790380800458 | PSG 038 | Ceramic 80 | 38 | 25,000 | GTG 038 | 100 |
| A33790381200458 | PSG 038 | Ceramic 120 | 38 | 25,000 | GTG 038 | 100 |
| A33790500360458 | PSG 050 | Ceramic 36 | 50 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33790500500458 | PSG 050 | Ceramic 50 | 50 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33790500600458 | PSG 050 | Ceramic 60 | 50 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33790500800458 | PSG 050 | Ceramic 80 | 50 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33790501200458 | PSG 050 | Ceramic 120 | 50 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33790750360458 | PSG 075 | Ceramic 36 | 75 | 20,000 | GTG 075 | 50 |
| A33790750600458 | PSG 075 | Ceramic 60 | 75 | 20,000 | GTG 075 | 50 |
| A33790750800458 | PSG 075 | Ceramic 80 | 75 | 20,000 | GTG 075 | 50 |
| A33790751200458 | PSG 075 | Ceramic 120 | 75 | 20,000 | GTG 075 | 50 |

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



PSG Z-Power self-clamping abrasive disc

- made of zirconia alumina with active abrasive surface layer
- ideal for machining stainless steel
- special surface layer prevents clogging
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- The matching tool carriers can be found on **page 255**.



★★☆

| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33770380360458 | PSG 038 | Z-Power 36 | 38 | 25,000 | GTG 038 | 100 |
| A33770380600458 | PSG 038 | Z-Power 60 | 38 | 25,000 | GTG 038 | 100 |
| A33770380800458 | PSG 038 | Z-Power 80 | 38 | 25,000 | GTG 038 | 100 |
| A33770381200458 | PSG 038 | Z-Power 120 | 38 | 25,000 | GTG 038 | 100 |
| A33770500360458 | PSG 050 | Z-Power 36 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33770500600458 | PSG 050 | Z-Power 60 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33770500800458 | PSG 050 | Z-Power 80 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33770501200458 | PSG 050 | Z-Power 120 | 50 | 30,000 | GTG 038 and GTG 050 | 50 |
| A33770750360458 | PSG 075 | Z-Power 36 | 76 | 20,000 | GTG 075 | 50 |
| A33770750600458 | PSG 075 | Z-Power 60 | 76 | 20,000 | GTG 075 | 50 |
| A33770750800458 | PSG 075 | Z-Power 80 | 76 | 20,000 | GTG 075 | 50 |
| A33770751200458 | PSG 075 | Z-Power 120 | 76 | 20,000 | GTG 075 | 50 |

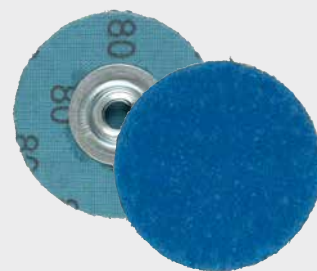
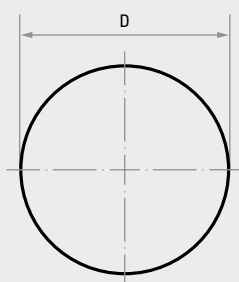
NEW

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

GRINDING AND POLISHING
(with flexible tools)

PSG self-clamping zirconia alumina abrasive disc

- made from abrasive cloth with zirconia alumina
- ideal for Hastelloy, Inconel, stainless steel and metals that are difficult to machine
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- The matching tool carriers can be found on **page 255**.

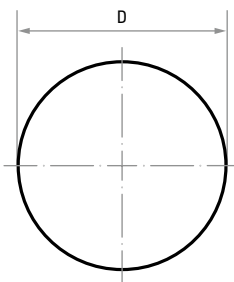
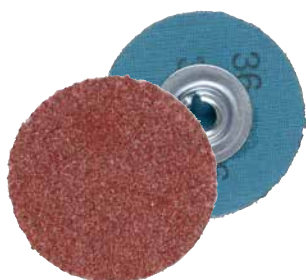
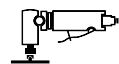


★★☆

| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33530250600458 | PSG 025 | ZK 60 | 25 | 38,000 | GTG 025 | 100 |
| A33530250800458 | PSG 025 | ZK 80 | 25 | 38,000 | GTG 025 | 100 |
| A33530380600458 | PSG 038 | ZK 60 | 38 | 25,000 | GTG 038 | 100 |
| A33530380800458 | PSG 038 | ZK 80 | 38 | 25,000 | GTG 038 | 100 |
| A33530500360458 | PSG 050 | ZK 36 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33530500600458 | PSG 050 | ZK 60 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33530500800458 | PSG 050 | ZK 80 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33530750360458 | PSG 075 | ZK 36 | 76 | 20,000 | GTG 075 | 50 |
| A33530750600458 | PSG 075 | ZK 60 | 76 | 20,000 | GTG 075 | 50 |

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

PSG self-clamping regular aluminium oxide abrasive disc



- for universal grinding and deburring work
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- The matching tool carriers can be found on **page 255**.

★★★

| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|----------------------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33510200600458 | PSG 020 | NK 60 | 19 | 47,000 | GTG 020 | 100 |
| A33510200800458 | PSG 020 | NK 80 | 19 | 47,000 | GTG 020 | 100 |
| A33510201200458 | PSG 020 | NK 120 | 19 | 47,000 | GTG 020 | 100 |
| A33510250360458 | PSG 025 | NK 36 | 25 | 38,000 | GTG 025 | 100 |
| A33510250600458 | PSG 025 | NK 60 | 25 | 38,000 | GTG 025 | 100 |
| A33510250800458 | PSG 025 | NK 80 | 25 | 38,000 | GTG 025 | 100 |
| A33510251200458 | PSG 025 | NK 120 | 25 | 38,000 | GTG 025 | 100 |
| NEW A73510381800458 | PSG 038 | NK 180 | 38 | 30,000 | GTG 038 | 50 |
| NEW A73510382400458 | PSG 038 | NK 240 | 38 | 30,000 | GTG 038 | 50 |
| A33510380360458 | PSG 038 | NK 36 | 38 | 25,000 | GTG 038 | 100 |
| A33510380600458 | PSG 038 | NK 60 | 38 | 25,000 | GTG 038 | 100 |
| A33510380800458 | PSG 038 | NK 80 | 38 | 25,000 | GTG 038 | 100 |
| A33510381200458 | PSG 038 | NK 120 | 38 | 25,000 | GTG 038 | 100 |
| A33510500360458 | PSG 050 | NK 36 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510500500458 | PSG 050 | NK 50 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510500600458 | PSG 050 | NK 60 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510500800458 | PSG 050 | NK 80 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510501200458 | PSG 050 | NK 120 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510501800458 | PSG 050 | NK 180 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510502400458 | PSG 050 | NK 240 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33510750600458 | PSG 075 | NK 60 | 76 | 20,000 | GTG 075 | 50 |
| A33510750800458 | PSG 075 | NK 80 | 76 | 20,000 | GTG 075 | 50 |
| A33510751200458 | PSG 075 | NK 120 | 76 | 20,000 | GTG 075 | 50 |
| NEW A73510751800458 | PSG 075 | NK 180 | 75 | 20,000 | GTG 075 | 50 |

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

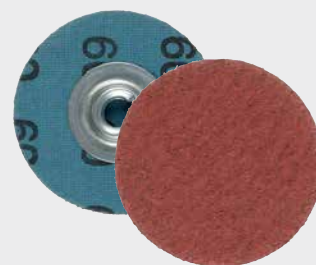
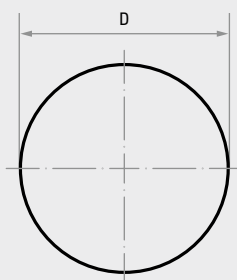
CAN ALSO HANDLE EDGES

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



PSG reinforced self-clamping regular aluminium oxide abrasive disc

- made of abrasive cloth with regular aluminium oxide and reinforced backing material
- The reinforcement makes these discs suitable for the toughest applications and beveling.
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- ▶ The matching tool carriers can be found on **page 255**.

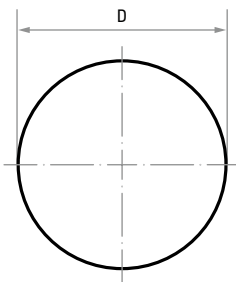
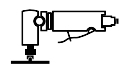


★★☆

| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33520250600458 | PSG 025 | NKE 60 | 25 | 38,000 | GTG 025 | 100 |
| A33520250800458 | PSG 025 | NKE 80 | 25 | 38,000 | GTG 025 | 100 |
| A33520251200458 | PSG 025 | NKE 120 | 25 | 38,000 | GTG 025 | 100 |
| A33520251800458 | PSG 025 | NKE 180 | 25 | 38,000 | GTG 025 | 100 |
| A33520252400458 | PSG 025 | NKE 240 | 25 | 38,000 | GTG 025 | 100 |
| A33520380600458 | PSG 038 | NKE 60 | 38 | 25,000 | GTG 038 | 100 |
| A33520380800458 | PSG 038 | NKE 80 | 38 | 25,000 | GTG 038 | 100 |
| A33520381200458 | PSG 038 | NKE 120 | 38 | 25,000 | GTG 038 | 100 |
| A33520500360458 | PSG 050 | NKE 36 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520500600458 | PSG 050 | NKE 60 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520500800458 | PSG 050 | NKE 80 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520501200458 | PSG 050 | NKE 120 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520501800458 | PSG 050 | NKE 180 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520502400458 | PSG 050 | NKE 240 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33520750800458 | PSG 075 | NKE 80 | 76 | 20,000 | GTG 075 | 50 |

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

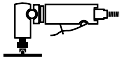
PSG self-clamping abrasive disc, abrasive fleece



- ideal for removing rust or paint, scratches and pre-grinding marks
- Improvement of surface quality
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- ▶ The matching tool carriers can be found on **page 255**.

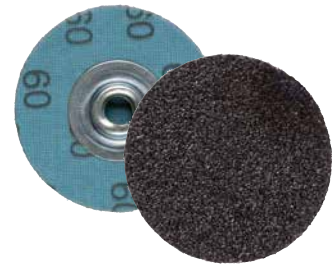
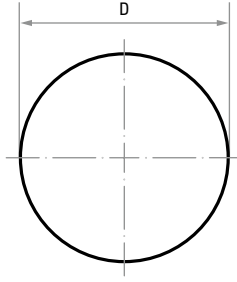
★★☆

| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|--|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33740250040458 | PSG 025 | P coarse | 25 | 15,000 | GTG 025 | 50 |
| A33740250020458 | PSG 025 | P medium | 25 | 15,000 | GTG 025 | 50 |
| A33740380050458 | PSG 038 | P fine | 38 | 10,000 | GTG 038 | 50 |
| A33740380040458 | PSG 038 | P coarse | 38 | 10,000 | GTG 038 | 50 |
| A33740380020458 | PSG 038 | P medium | 38 | 10,000 | GTG 038 | 50 |
| A33740500050458 | PSG 050 | P fine | 50 | 7,500 | GTG 038 and GTG 050 | 50 |
| A33740500040458 | PSG 050 | P coarse | 50 | 7,500 | GTG 038 and GTG 050 | 50 |
| A33740500020458 | PSG 050 | P medium | 50 | 7,500 | GTG 038 and GTG 050 | 50 |
| A33740750050458 | PSG 075 | P fine | 75 | 5,000 | GTG 075 | 25 |
| A33740750040458 | PSG 075 | P coarse | 75 | 5,000 | GTG 075 | 25 |
| A33740750020458 | PSG 075 | P medium | 75 | 5,000 | GTG 075 | 25 |
| A33550380040458 | PSG 038 | V coarse | 38 | 10,000 | GTG 038 | 50 |
| A33550380020458 | PSG 038 | V medium | 38 | 10,000 | GTG 038 | 50 |
| A33550380050458 | PSG 038 | V fine | 38 | 10,000 | GTG 038 | 50 |
| A33550500040458 | PSG 050 | V coarse | 50 | 8,000 | GTG 038 and GTG 050 | 50 |
| A33550500020458 | PSG 050 | V medium | 50 | 8,000 | GTG 038 and GTG 050 | 50 |
| A33550500050458 | PSG 050 | V fine | 50 | 8,000 | GTG 038 and GTG 050 | 50 |
| Recommended for: ● Inox/Steel ● Steel ● Plastic/Wood ● Aluminium ● Cast material ● Titanium | | | | | | |



PSG self-clamping silicon carbide abrasive disc

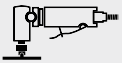
- no heat accumulation
- ideal for machining titanium and titanium alloys, aluminium (aerospace industry), as well as plastics and ceramics
- fitted with a "quick lock" – fastened to the respective carrier by a small twist
- The matching tool carriers can be found at the bottom of this page.



★★☆

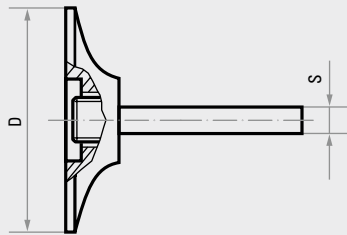
| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33780380360458 | PSG 038 | SIC 36 | 38 | 25,000 | GTG 038 | 100 |
| A33780380600458 | PSG 038 | SIC 60 | 38 | 25,000 | GTG 038 | 100 |
| A33780380800458 | PSG 038 | SIC 80 | 38 | 25,000 | GTG 038 | 100 |
| A33780500600458 | PSG 050 | SIC 60 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33780500800458 | PSG 050 | SIC 80 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |
| A33780501200458 | PSG 050 | SIC 120 | 51 | 25,000 | GTG 038 and GTG 050 | 100 |

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



GTG abrasive disc carrier for self-clamping abrasive discs

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



★★☆

| Product number | Description | Type | D mm | S mm | n _{max} rpm | Pack contains |
|------------------|-------------|--------|------|------|----------------------|---------------|
| A335002000260458 | GTG 020.06 | medium | 18 | 6 | 47,000 | 1 |
| A335002500260458 | GTG 025.06 | medium | 23 | 6 | 38,000 | 1 |
| A335003800260458 | GTG 038.06 | medium | 33 | 6 | 30,000 | 1 |
| A335005000260458 | GTG 050.06 | medium | 45 | 6 | 25,000 | 1 |
| A735005000210458 | GTG 050.06 | medium | 45 | 6 | 25,000 | 1 |
| A335005000360458 | GTG 050.06 | hard | 45 | 6 | 25,000 | 1 |
| A335007500260458 | GTG 075.06 | medium | 70 | 6 | 20,000 | 1 |
| A335007500360458 | GTG 075.06 | hard | 70 | 6 | 20,000 | 1 |





NEW

PSR ABRASIVE DISCS

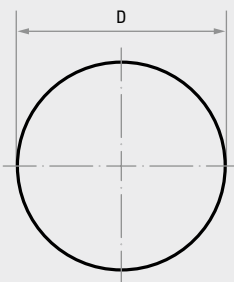
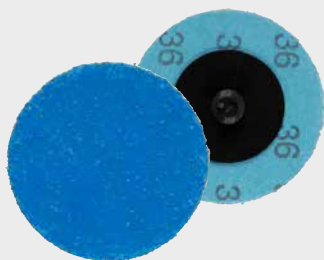
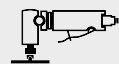
Quality and applications

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

very wide selection. You will find all abrasive discs from the PSR range in the following overview. Read through the properties and application details for the different workpiece materials to find the right abrasives and tools that meet your requirements.

| Quality | Properties | Application areas/machining | Page |
|--|--|--|------|
|  ZK Abrasive cloth Zirconia alumina | exceptionally resilient grain with high pressure resistance | ideal for Hastelloy, Inconel, stainless steel and metals that are difficult to machine | 256 |
|  Abrasive fleece Regular aluminium oxide coarse/brown | polishing effect with the fibre structure, consistent results due to continuous exposure of new grinding particles; long tool life | ideal for removing rust or paint, scratches and pre-grinding marks; general improvement of surface quality | 257 |
|  Abrasive fleece Regular aluminium oxide medium/red-brown | | | |
|  Abrasive fleece Regular aluminium oxide fine/blue | | | |

PSR self-clamping zirconia alumina abrasive disc

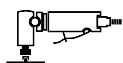


- made from abrasive cloth with zirconia alumina
- ideal for Hastelloy, Inconel, stainless steel and metals that are to machine
- with a plastic thread – fastened to the respective carrier by a small twist
- The matching tool carrier can be found on **page 259**.

★★☆

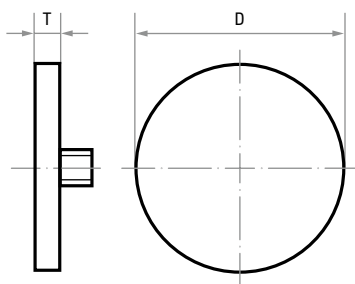
| Product number | Description | Quality/grit size | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|----------------------|--------------------------------|---------------|
| A33630500360458 | PSR 050 | ZK 36 | 51 | 25,000 | GTR 038 and GTR 050 | 100 |
| A33630500600458 | PSR 050 | ZK 60 | 51 | 25,000 | GTR 038 and GTR 050 | 100 |
| A33630500800458 | PSR 050 | ZK 80 | 51 | 25,000 | GTR 038 and GTR 050 | 100 |
| A33630501200458 | PSR 050 | ZK 120 | 51 | 25,000 | GTR 038 and GTR 050 | 100 |
| A33630750360458 | PSR 075 | ZK 36 | 76 | 20,000 | GTR 075 | 50 |
| A33630750600458 | PSR 075 | ZK 60 | 76 | 20,000 | GTR 075 | 50 |
| A33630750800458 | PSR 075 | ZK 80 | 76 | 20,000 | GTR 075 | 50 |

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



PSR self-clamping abrasive disc, narrow abrasive fleece

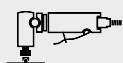
- ideal for removing rust or paint, scratches and pre-grinding marks
- P version with narrow abrasive fleece
- Improvement of surface quality
- with a plastic thread – fastened to the respective carrier by a small twist
- The matching tool carrier can be found on **page 259**.



★★☆☆

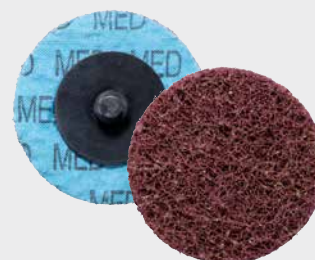
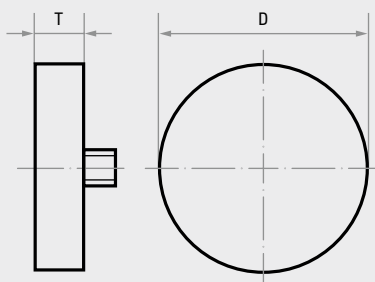
| Product number | Description | Quality/grit size | D mm | T mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|------|----------------------|--------------------------------|---------------|
| A33750380020458 | PSR 038 | P medium | 38 | 6 | 10,000 | GTR 038 | 50 |
| A33750380050458 | PSR 038 | P fine | 38 | 6 | 10,000 | GTR 038 | 50 |
| A33750500040458 | PSR 050 | P coarse | 51 | 6 | 7,500 | GTR 038 and GTR 050 | 50 |
| A33750500020458 | PSR 050 | P medium | 51 | 6 | 7,500 | GTR 038 and GTR 050 | 50 |
| A33750500050458 | PSR 050 | P fine | 51 | 6 | 7,500 | GTR 038 and GTR 050 | 50 |
| A33750750040458 | PSR 075 | P coarse | 76 | 6 | 5,000 | GTR 038, GTR 050 and GTR 075 | 25 |
| A33750750050458 | PSR 075 | P fine | 76 | 6 | 5,000 | GTR 038, GTR 050 and GTR 075 | 25 |
| A33750750020458 | PSR 075 | P medium | 76 | 6 | 5,000 | GTR 038, GTR 050 and GTR 075 | 25 |

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



PSR self-clamping abrasive disc, wide abrasive fleece

- ideal for removing rust or paint, scratches and pre-grinding marks
- V version with wider and softer abrasive fleece
- Improvement of surface quality
- with a plastic thread – fastened to the respective carrier by a small twist
- The matching tool carrier can be found on **page 259**.

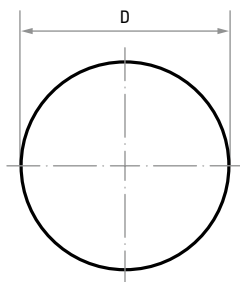


★★☆☆

| Product number | Description | Quality/grit size | D mm | T mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|-----------------|-------------|-------------------|------|------|----------------------|--------------------------------|---------------|
| A33760500040458 | PSR 050 | V coarse | 51 | 12 | 8,000 | GTR 038 and GTR 050 | 50 |
| A33760500020458 | PSR 050 | V medium | 51 | 10 | 8,000 | GTR 038 and GTR 050 | 50 |
| A33760500050458 | PSR 050 | V fine | 51 | 8 | 8,000 | GTR 038 and GTR 050 | 50 |

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

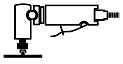
SLTG self-clamping lamellar flap disc



- excellent machining performance
- good grip even at low contact pressure
- long tool life (compared to surface grinding discs)
- Flap projection
- elastic
- perfectly suitable for use with robots
- with a plastic thread – fastened to the respective carrier by a small twist

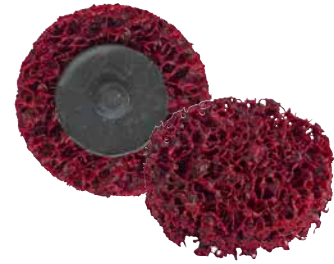
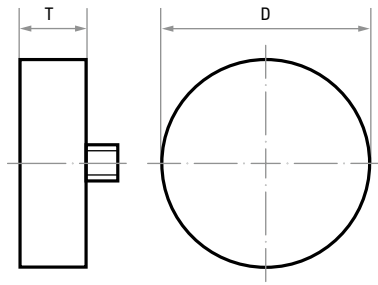
★★☆

| Product number | Description | Grit | D mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|--|-------------|------------|------|----------------------|--------------------------------|---------------|
| A33310500401623 | SLTG 050 R | ZK 40 | 50 | 19,000 | GTR 038.06 | 10 |
| A33310500601623 | SLTG 050 R | ZK 60 | 50 | 19,000 | GTR 038.06 | 10 |
| A33310500801623 | SLTG 050 R | ZK 80 | 50 | 19,000 | GTR 038.06 | 10 |
| A33310501201623 | SLTG 050 R | ZK 120 | 50 | 19,000 | GTR 038.06 | 10 |
| NEW A63310500601628 | SLTG 050 R | Ceramic 60 | 50 | 19,000 | GTR 038.06 | 10 |
| NEW A63310500801622 | SLTG 050 R | SIC 80 | 50 | 19,000 | GTR 038.06 | 10 |
| A33310650401623 | SLTG 065 R | ZK 40 | 65 | 14,700 | GTR 050.06 | 10 |
| A33310650601623 | SLTG 065 R | ZK 60 | 65 | 14,700 | GTR 050.06 | 10 |
| A33310650801623 | SLTG 065 R | ZK 80 | 65 | 14,700 | GTR 050.06 | 10 |
| A33310750401623 | SLTG 075 R | ZK 40 | 75 | 12,700 | GTR 050.06 | 10 |
| A33310750601623 | SLTG 075 R | ZK 60 | 75 | 12,700 | GTR 050.06 | 10 |
| A33310750801623 | SLTG 075 R | ZK 80 | 75 | 12,700 | GTR 050.06 | 10 |
| A33310751201623 | SLTG 075 R | ZK 120 | 75 | 12,700 | GTR 050.06 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium | | | | | | |



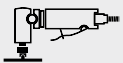
ASVR self-clamping flap disc

- the all-rounder for removing paint, adhesive residue and rust, as well as cleaning and polishing a wide variety of surface materials
- made of resilient materials for a long tool life, high stock removal performance and fast operation
- with a plastic thread – fastened to the respective carrier by a small twist



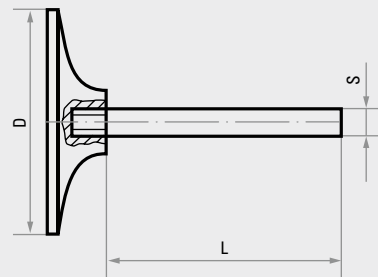
★★☆

| Product number | Description | D mm | T mm | n _{max} rpm | Matching abrasive disc carrier | Pack contains |
|--|-------------|------|------|----------------------|--------------------------------|---------------|
| A2291050002 | ASVR 050 | 51 | 16 | 10,500 | GTR 050.06 | 10 |
| Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium | | | | | | |



GTR abrasive disc carrier for self-clamping abrasive discs and flap discs

The carriers are supplied in a universally-used medium hardness. This medium type is suitable for almost every application.



★★☆

| Product number | Description | Type | D mm | L mm | S mm | n _{max} rpm | Pack contains |
|------------------|-------------|--------|------|------|------|----------------------|---------------|
| A336003800260458 | GTR 038.06 | medium | 33 | 40 | 6 | 30,000 | 1 |
| A336005000260458 | GTR 050.06 | medium | 45 | 40 | 6 | 25,000 | 1 |
| A736005000210458 | GTR 050.06 | medium | 45 | 40 | 6.35 | 25,000 | 1 |
| A336007500260458 | GTR 075.06 | medium | 70 | 40 | 6 | 20,000 | 1 |

NEW

PSK ABRASIVE DISCS

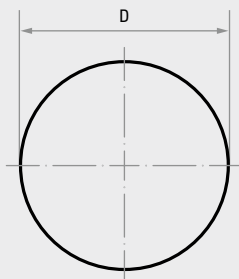
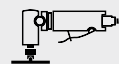
Quality and applications

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

You will find all abrasive discs from the PSK range in the following overview. Read through the properties and application details for the different workpiece materials to find the right abrasives and tools that meet your requirements.

| Quality | Properties | Application areas/machining | Page |
|---|---|---|------|
|  <p>NK Abrasive cloth Regular aluminium oxide</p> | very tough abrasive, high resilience | universal grinding and deburring | 261 |
|  <p>SIC Abrasive cloth Silicon carbide</p> | minimum heat accumulation, special quality for the aviation industry | Ideal for machining titanium, titanium alloys and aluminium (aerospace industry). Plastics and ceramics can also be processed. | 260 |

PSK adhesive silicon carbide abrasive disc



- no heat accumulation
- ideal for machining titanium and titanium alloys, aluminium (aviation industry), as well as plastics and ceramic
- Adhesive: After removing the film, these abrasive discs are easily stuck to the respective carrier.
- ▶ The matching tool carrier can be found on **page 262**.

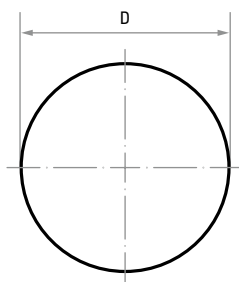
★★☆

| Product number | Description | Grit | D mm | Pack contains |
|----------------|-------------|---------|------|---------------|
| A2305018080 | PSK 018 | SIC 80 | 21 | 100 |
| A2305018120 | PSK 018 | SIC 120 | 21 | 100 |
| A2305030080 | PSK 030 | SIC 80 | 33 | 100 |
| A2305030120 | PSK 030 | SIC 120 | 33 | 100 |
| A2305045120 | PSK 045 | SIC 120 | 48 | 100 |

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



PSK adhesive regular aluminium oxide abrasive disc



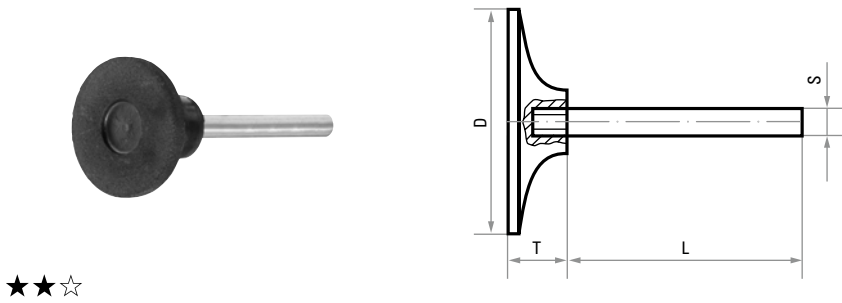
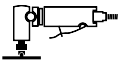
- for universal grinding and deburring
- Adhesive: After removing the film, these abrasive discs are easily stuck to the respective carrier.
- The matching tool carrier can be found on [page 262](#).



| Product number | Description | Grit | D mm | Pack contains |
|----------------|-------------|--------|------|---------------|
| A2300018060 | PSK 018 | NK 60 | 21 | 100 |
| A2300018080 | PSK 018 | NK 80 | 21 | 100 |
| A2300018120 | PSK 018 | NK 120 | 21 | 100 |
| A2300018150 | PSK 018 | NK 150 | 21 | 100 |
| A2300018180 | PSK 018 | NK 180 | 21 | 100 |
| A2300018240 | PSK 018 | NK 240 | 21 | 100 |
| A2300030060 | PSK 030 | NK 60 | 33 | 100 |
| A2300030080 | PSK 030 | NK 80 | 33 | 100 |
| A2300030120 | PSK 030 | NK 120 | 33 | 100 |
| A2300030150 | PSK 030 | NK 150 | 33 | 100 |
| A2300030180 | PSK 030 | NK 180 | 33 | 100 |
| A2300030240 | PSK 030 | NK 240 | 33 | 100 |
| A2300045060 | PSK 045 | NK 60 | 48 | 100 |
| A2300045080 | PSK 045 | NK 80 | 48 | 100 |
| A2300045120 | PSK 045 | NK 120 | 48 | 100 |
| A2300045150 | PSK 045 | NK 150 | 48 | 100 |
| A2300045180 | PSK 045 | NK 180 | 48 | 100 |
| A2300045240 | PSK 045 | NK 240 | 48 | 100 |
| A2300060060 | PSK 060 | NK 60 | 63 | 100 |
| A2300060080 | PSK 060 | NK 80 | 63 | 100 |
| A2300060120 | PSK 060 | NK 120 | 63 | 100 |
| A2300060150 | PSK 060 | NK 150 | 63 | 100 |
| A2300075060 | PSK 075 | NK 60 | 78 | 100 |
| A2300075080 | PSK 075 | NK 80 | 78 | 100 |
| A2300075120 | PSK 075 | NK 120 | 78 | 100 |
| A2300075150 | PSK 075 | NK 150 | 78 | 100 |

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

GTK abrasive disc carrier for adhesive abrasive discs



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





| Product number | Description | D mm | S mm | T mm | L mm | n_{max} rpm | Pack contains |
|----------------|-------------|---------|---------|---------|---------|------------------|------------------|
| A250301830001 | GTK 018.03 | 18 | 3 | 11 | 30 | 20,000 | 5 |
| A250303030001 | GTK 030.03 | 30 | 3 | 12 | 30 | 12,500 | 5 |
| A250303060001 | GTK 030.06 | 30 | 6 | 12 | 40 | 12,500 | 5 |
| A250304560001 | GTK 045.06 | 45 | 6 | 11 | 40 | 10,000 | 5 |
| A250306060001 | GTK 060.06 | 60 | 6 | 13 | 40 | 8,000 | 5 |
| A250307560001 | GTK 075.06 | 75 | 6 | 15 | 40 | 6,000 | 2 |

PSH ABRASIVE DISCS

Quality and applications

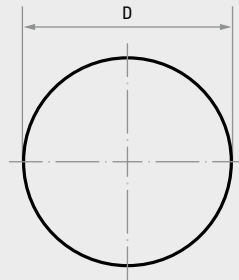
LUKAS offers you the right abrasive for every job – tailored to your requirements and the materials you want to machine. The high-quality abrasives from LUKAS are ideal for many industries, applications and requirements, and therefore offer you a

very wide selection. You will find all abrasive discs from the PSH range in the following overview. Read through the properties and application details for the different workpiece materials to find the right abrasives and tools that meet your requirements.

| Quality | | Properties | Application areas/machining | Page |
|--|--|--|---|---------|
|  | NK Abrasive cloth Regular aluminium oxide | very tough abrasive, high resilience | universal grinding and deburring | 263–265 |
|  | Abrasive fleece Regular aluminium oxide coarse/brown | polishing effect due to fibre structure, consistent results thanks to continuous exposure of new grinding particles, long tool life | ideal for removing rust or paint, scratches and pre-grinding marks; general improvement of the surface finish | 266 |
|  | Abrasive fleece Regular aluminium oxide medium/red-brown | | | |
|  | Abrasive fleece Regular aluminium oxide fine/green | | | |

GRINDING AND POLISHING
(with flexible tools)

PSH self-fixing regular aluminium oxide abrasive disc



★★★☆☆

- suitable for the universal machining of both flat and concave surfaces
- with Velcro material for fast tool changes
- The matching tool carrier can be found on [page 264](#).

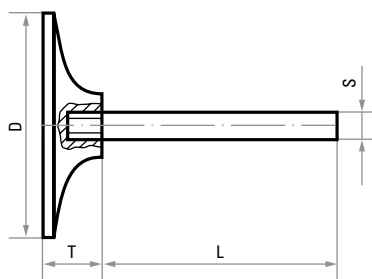
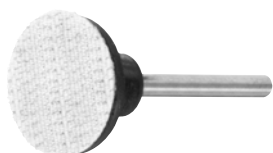
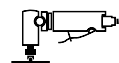
| Product number | Description | Grit | D mm | Pack contains |
|----------------|-------------|--------|------|---------------|
| A3300018060 | PSH 018 | NK 60 | 20 | 100 |
| A3300018080 | PSH 018 | NK 80 | 20 | 100 |
| A3300018120 | PSH 018 | NK 120 | 20 | 100 |
| A3300018150 | PSH 018 | NK 150 | 20 | 100 |
| A3300018180 | PSH 018 | NK 180 | 20 | 100 |
| A3300018240 | PSH 018 | NK 240 | 20 | 100 |
| A3300018320 | PSH 018 | NK 320 | 20 | 100 |
| A3300030060 | PSH 030 | NK 60 | 33 | 100 |
| A3300030080 | PSH 030 | NK 80 | 33 | 100 |
| A3300030120 | PSH 030 | NK 120 | 33 | 100 |
| A3300030150 | PSH 030 | NK 150 | 33 | 100 |
| A3300030180 | PSH 030 | NK 180 | 33 | 100 |
| A3300030240 | PSH 030 | NK 240 | 33 | 100 |

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

| Product number | Description | Grit | D mm | Pack contains |
|------------------------|-------------|--------|------|---------------|
| A3300030320 | PSH 030 | NK 320 | 33 | 100 |
| A3300045060 | PSH 045 | NK 60 | 48 | 100 |
| A3300045080 | PSH 045 | NK 80 | 48 | 100 |
| A3300045120 | PSH 045 | NK 120 | 48 | 100 |
| A3300045150 | PSH 045 | NK 150 | 48 | 100 |
| A3300045180 | PSH 045 | NK 180 | 48 | 100 |
| A3300045240 | PSH 045 | NK 240 | 48 | 100 |
| NEW A7300045320 | PSH 045 | NK 320 | 45 | 100 |
| A3300060060 | PSH 060 | NK 60 | 63 | 100 |
| A3300060080 | PSH 060 | NK 80 | 63 | 100 |
| A3300060120 | PSH 060 | NK 120 | 63 | 100 |
| A3300060150 | PSH 060 | NK 150 | 63 | 100 |
| A3300060180 | PSH 060 | NK 180 | 63 | 100 |
| A3300060240 | PSH 060 | NK 240 | 63 | 100 |
| A3300060320 | PSH 060 | NK 320 | 63 | 100 |
| A3300075060 | PSH 075 | NK 60 | 78 | 100 |
| A3300075080 | PSH 075 | NK 80 | 78 | 100 |
| A3300075120 | PSH 075 | NK 120 | 78 | 100 |
| A3300075150 | PSH 075 | NK 150 | 78 | 100 |
| A3300075180 | PSH 075 | NK 180 | 78 | 100 |
| A3300075240 | PSH 075 | NK 240 | 78 | 100 |
| A3300075320 | PSH 075 | NK 320 | 78 | 100 |
| A3300120060 | PSH 125 | NK 60 | 125 | 100 |
| A3300120080 | PSH 125 | NK 80 | 125 | 100 |

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

GTH abrasive disc carrier for self-fixing abrasive discs



The GTH abrasive disc carriers with diameters of 18 and 30 mm have Inox hooks. Hooks with a diameter of 45 mm and greater are made of polyamide.

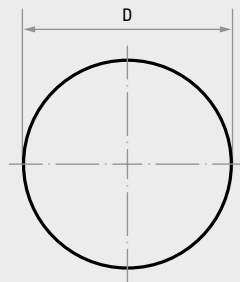
The stated maximum permissible speeds apply for a maximum overhang length L_0 of 20 mm. The maximum permissible speed must be calculated separately for other overhang lengths.

★★☆

| Product number | Description | D mm | S mm | T mm | L mm | n_{max} rpm | Pack contains |
|--------------------------|------------------------|------|------|------|------|---------------|---------------|
| A250401830001 | GTH 018.03 | 18 | 3 | 11 | 30 | 20,000 | 5 |
| A250403030001 | GTH 030.03 | 30 | 3 | 12 | 30 | 12,500 | 5 |
| A250403060001 | GTH 030.06 | 30 | 6 | 12 | 40 | 12,500 | 5 |
| NEW A650403060004 | GTHM 030.06 extra soft | 30 | 6 | 50 | 40 | 12,500 | 5 |
| A250404560001 | GTH 045.06 | 45 | 6 | 11 | 40 | 10,000 | 5 |
| A250406060001 | GTH 060.06 | 60 | 6 | 13 | 40 | 8,000 | 5 |
| A250407560001 | GTH 075.06 | 75 | 6 | 15 | 40 | 6,000 | 2 |
| A25041206 | GTH 120.06 | 120 | 6 | 20 | 25 | 4,000 | 2 |



PSH self-fixing compact grain abrasive disc



- With high grain density on cutting edges thanks to compact grain: guarantees extremely high stock removal performance
- does not clog even with soft or smearing materials
- with Velcro material for fast tool changes

★★☆

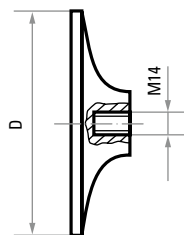
| Product number | Description | Grit | D mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|-----------------|-------------|---------|------|------------------------|----------------------|---------------|
| A73001150800001 | PSH 115 | NK 80 | 115 | 4,800 | 8,000 | 50 |
| A73001151200004 | PSH 115 | NK 120 | 115 | 4,800 | 8,000 | 50 |
| A73001152400005 | PSH 115 | NK 240 | 115 | 4,800 | 8,000 | 50 |
| A73001154000005 | PSH 115 | NK 400 | 115 | 4,800 | 8,000 | 50 |
| A73001158000005 | PSH 115 | NK 800 | 115 | 4,800 | 8,000 | 50 |
| A73001151210005 | PSH 115 | NK 1200 | 115 | 4,800 | 8,000 | 50 |
| A73001250800005 | PSH 125 | NK 80 | 125 | 4,600 | 7,650 | 50 |
| A73001251200005 | PSH 125 | NK 120 | 125 | 4,600 | 7,650 | 50 |
| A73001252400005 | PSH 125 | NK 240 | 125 | 4,600 | 7,650 | 50 |
| A73001254000005 | PSH 125 | NK 400 | 125 | 4,600 | 7,650 | 50 |
| A73001258000005 | PSH 125 | NK 800 | 125 | 4,600 | 7,650 | 50 |
| A73001251210005 | PSH 125 | NK 1200 | 125 | 4,600 | 7,650 | 50 |
| A73001500800005 | PSH 150 | NK 80 | 150 | 3,800 | 6,350 | 50 |
| A73001501200006 | PSH 150 | NK 120 | 150 | 3,800 | 6,350 | 50 |
| A73001502400005 | PSH 150 | NK 240 | 150 | 3,800 | 6,350 | 50 |
| A73001504000005 | PSH 150 | NK 400 | 150 | 3,800 | 6,350 | 50 |
| A73001508000005 | PSH 150 | NK 800 | 150 | 3,800 | 6,350 | 50 |
| A73001501210005 | PSH 150 | NK 1200 | 150 | 3,800 | 6,350 | 50 |

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

GRINDING AND POLISHING
(with flexible tools)



GTHX abrasive disc carrier for self-fixing abrasive discs with thread



★★☆

| Product number | Description | Quality | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|-------------------------|------|--------|----------------------|---------------|
| A38311151004 | GTHX 115 | medium for Velcro discs | 115 | M14 | 8,300 | 1 |
| A38311251004 | GTHX 125 | medium for Velcro discs | 125 | M14 | 7,600 | 1 |
| A38311501004 | GTHX 150 | medium for Velcro discs | 150 | M14 | 6,300 | 1 |

SELF-FIXING ABRASIVE FLEECE DISCS

ATTACHMENT MADE EASY THANKS TO THE FIXING SYSTEM

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

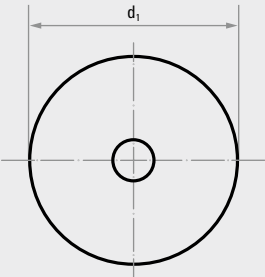
SECURE AND FAST

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



GRINDING AND POLISHING
(with flexible tools)

PSH self-fixing abrasive disc, abrasive fleece

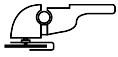


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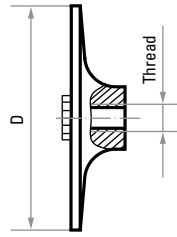
- suitable for machining both flat and concave surfaces
- adapts itself to uneven surfaces
- self-fixing to the respective carrier for a quick tool change
- ▶ The matching tool carrier can be found on **page 267**.

| Product number | Description | Quality | D mm | n _{recom} rpm | n _{max} rpm | Pack contains |
|----------------|-------------|------------------|------|------------------------|----------------------|---------------|
| A3380115102001 | PSH 115 | Fleece coarse | 115 | 4,100 | 8,300 | 10 |
| A3380115104001 | PSH 115 | Fleece medium | 115 | 4,100 | 8,300 | 10 |
| A3380115107001 | PSH 115 | Fleece very fine | 115 | 4,100 | 8,300 | 10 |
| A3380125102001 | PSH 125 | Fleece coarse | 125 | 3,800 | 7,600 | 10 |
| A3380125104001 | PSH 125 | Fleece medium | 125 | 3,800 | 7,600 | 10 |
| A3380125107001 | PSH 125 | Fleece very fine | 125 | 3,800 | 7,600 | 10 |

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



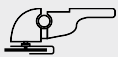
GTHZ abrasive disc carrier for abrasive fleece with centering pin



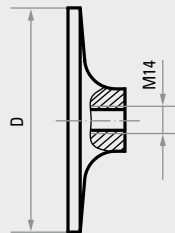
► especially for PSH with centering pin on page 266

★★☆

| Product number | Description | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|------|--------|----------------------|---------------|
| A25041151402 | GTHZ 115 | 115 | M14 | 8,300 | 1 |
| A25041251402 | GTHZ 125 | 125 | M14 | 7,600 | 1 |



GTH abrasive disc carrier for abrasive fleece



★★☆

| Product number | Description | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|------|--------|----------------------|---------------|
| A38311151003 | GTH 115 | 115 | M14 | 8,300 | 1 |
| A38311251003 | GTH 125 | 125 | M14 | 7,600 | 1 |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

Fibre discs and carriers from LUKAS

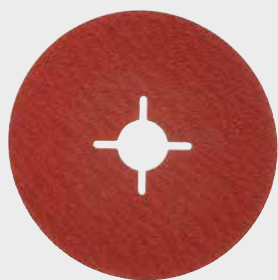
FIS FIBRE DISCS

FIS fibre discs are used together with an STF backing pad on angle grinders. We offer these very popular tools in the qualities NK, ZK, Ceramic, as well as in an NK quality (BASE) for the price-conscious user.

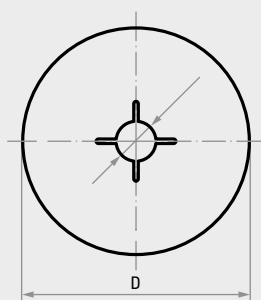
SHF SEMI-FLEXIBLE GRINDING DISCS

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

FIS Ceramic fibre disc with cross slot



★★★



- single layer of abrasive with ceramic grain for the toughest applications
- high stock removal rate and long tool life
- Hardened surfaces, wear-resistant steel, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- used together with a backing pad on angle grinders
- ▶ The matching tool carriers can be found on **pages 271/272**.

| Product number | Description | Grit | D mm | Bore mm | n _{max} rpm | Pack contains |
|-----------------------------|-------------|-------------|------|---------|----------------------|---------------|
| A383011502030001 | FIS 115 | Ceramic 20 | 115 | 22 | 13,300 | 50 |
| A383011503630001 | FIS 115 | Ceramic 36 | 115 | 22 | 13,300 | 50 |
| A383011504030001 | FIS 115 | Ceramic 40 | 115 | 22 | 13,300 | 50 |
| A383011505030001 | FIS 115 | Ceramic 50 | 115 | 22 | 13,300 | 50 |
| A383011506030001 | FIS 115 | Ceramic 60 | 115 | 22 | 13,300 | 50 |
| A383011508030001 | FIS 115 | Ceramic 80 | 115 | 22 | 13,300 | 50 |
| A383012502030001 | FIS 125 | Ceramic 20 | 125 | 22 | 12,200 | 50 |
| A383012502430001 | FIS 125 | Ceramic 24 | 125 | 22 | 12,200 | 50 |
| A383012503630001 | FIS 125 | Ceramic 36 | 125 | 22 | 12,200 | 50 |
| A383012504030001 | FIS 125 | Ceramic 40 | 125 | 22 | 12,200 | 50 |
| NEW A383012505030001 | FIS 125 | Ceramic 50 | 125 | 22 | 12,200 | 50 |
| A383012506030001 | FIS 125 | Ceramic 60 | 125 | 22 | 12,200 | 50 |
| A383012508030001 | FIS 125 | Ceramic 80 | 125 | 22 | 12,200 | 50 |
| A383012512030001 | FIS 125 | Ceramic 120 | 125 | 22 | 12,200 | 50 |
| A383015002030001 | FIS 150 | Ceramic 20 | 150 | 22 | 10,200 | 50 |
| A383015003630001 | FIS 150 | Ceramic 36 | 150 | 22 | 10,200 | 50 |
| A383015004030001 | FIS 150 | Ceramic 40 | 150 | 22 | 10,200 | 50 |
| A383018002030001 | FIS 180 | Ceramic 20 | 180 | 22 | 8,500 | 50 |
| A383018003630001 | FIS 180 | Ceramic 36 | 180 | 22 | 8,500 | 50 |
| A383018004030001 | FIS 180 | Ceramic 40 | 180 | 22 | 8,500 | 50 |
| A383018006030001 | FIS 180 | Ceramic 60 | 180 | 22 | 8,500 | 50 |
| A383018008030001 | FIS 180 | Ceramic 80 | 180 | 22 | 8,500 | 50 |

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

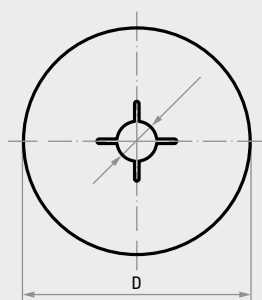
FINE AND CONSISTENT SURFACE FINISH

LUKAS FIBRE DISCS FOR YOUR REQUIRED SURFACE RESULTS



FIS zirconia alumina fibre disc with cross slot

- single layer of abrasive for the toughest applications
- made of exceptionally tough zirconia alumina with high resilience to pressure
- used together with a backing pad on angle grinders
- The matching tool carriers can be found on **pages 271/272**.



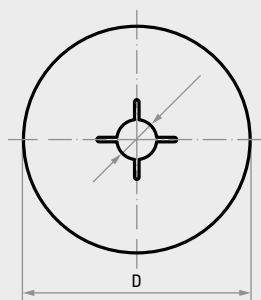
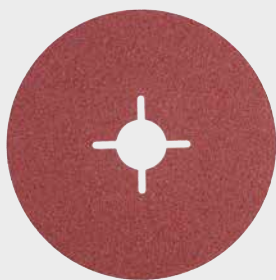
★★☆

| Product number | Description | Grit | D mm | Bore mm | n _{max} rpm | Pack contains |
|----------------|-------------|-------|------|---------|----------------------|---------------|
| A38301150362 | FIS 115 | ZK 36 | 115 | 22 | 13,300 | 50 |
| A38301150402 | FIS 115 | ZK 40 | 115 | 22 | 13,300 | 50 |
| A38301150602 | FIS 115 | ZK 60 | 115 | 22 | 13,300 | 50 |
| A38301150802 | FIS 115 | ZK 80 | 115 | 22 | 13,300 | 50 |
| A38301250362 | FIS 125 | ZK 36 | 125 | 22 | 12,200 | 50 |
| A38301250402 | FIS 125 | ZK 40 | 125 | 22 | 12,200 | 50 |
| A38301250602 | FIS 125 | ZK 60 | 125 | 22 | 12,200 | 50 |
| A38301250802 | FIS 125 | ZK 80 | 125 | 22 | 12,200 | 50 |

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



FIS regular aluminium oxide fibre disc with cross slot

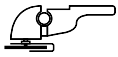


- single layer of abrasive for tough applications
- regular aluminium oxide for cost-effective working
- used together with a backing pad on angle grinders
- The matching tool carriers can be found on [pages 271/272](#).

★★☆

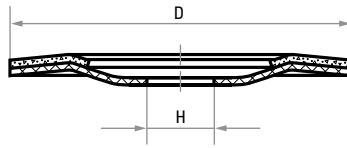
| Product number | Description | Grit | D mm | Bore mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------|------|---------|----------------------|---------------|
| A38301150241 | FIS 115 | NK 24 | 115 | 22 | 13,300 | 50 |
| A38301150361 | FIS 115 | NK 36 | 115 | 22 | 13,300 | 50 |
| A38301150401 | FIS 115 | NK 40 | 115 | 22 | 13,300 | 50 |
| A38301150601 | FIS 115 | NK 60 | 115 | 22 | 13,300 | 50 |
| A38301150801 | FIS 115 | NK 80 | 115 | 22 | 13,300 | 50 |
| A38301151201 | FIS 115 | NK 120 | 115 | 22 | 13,300 | 50 |
| A38301250241 | FIS 125 | NK 24 | 125 | 22 | 12,200 | 50 |
| A38301250361 | FIS 125 | NK 36 | 125 | 22 | 12,200 | 50 |
| A38301250401 | FIS 125 | NK 40 | 125 | 22 | 12,200 | 50 |
| A38301250601 | FIS 125 | NK 60 | 125 | 22 | 12,200 | 50 |
| A38301250801 | FIS 125 | NK 80 | 125 | 22 | 12,200 | 50 |
| A38301500601 | FIS 150 | NK 60 | 150 | 22 | 10,200 | 50 |
| A38301800241 | FIS 180 | NK 24 | 180 | 22 | 8,500 | 50 |
| A38301800361 | FIS 180 | NK 36 | 180 | 22 | 8,500 | 50 |
| A38301800401 | FIS 180 | NK 40 | 180 | 22 | 8,500 | 50 |
| A38301800601 | FIS 180 | NK 60 | 180 | 22 | 8,500 | 50 |
| A38301800801 | FIS 180 | NK 80 | 180 | 22 | 8,500 | 50 |

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



SHF semi-flexible grinding disc

- consists of a stable fibre backing with a structured abrasive coating of silicon carbide
- for removing paint, rust and adhesives, but also for machining fibre-reinforced plastics such as CFRP and GFRP (e.g. for wind turbine blades)
- also very suitable for animal hooves
- may only be used with backing pads
- ▶ The matching tool carriers can be found on this and the next page.



★★☆

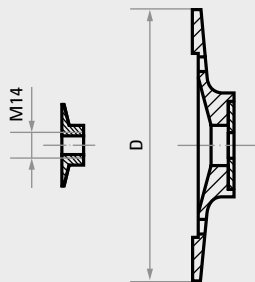
| Product number | Description | Grit | D mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------|------|-------|----------------------|---------------|
| A38351150164 | SHF 115 | SIC 16 | 115 | 22.23 | 13,300 | 25 |
| A38351150244 | SHF 115 | SIC 24 | 115 | 22.23 | 13,300 | 25 |
| A38351150364 | SHF 115 | SIC 36 | 115 | 22.23 | 13,300 | 25 |
| A38351150604 | SHF 115 | SIC 60 | 115 | 22.23 | 13,300 | 25 |
| A38351250244 | SHF 125 | SIC 24 | 125 | 22.23 | 12,200 | 25 |
| A38351250364 | SHF 125 | SIC 36 | 125 | 22.23 | 12,200 | 25 |

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



STF HL fibre disc backing pad with cooling slots

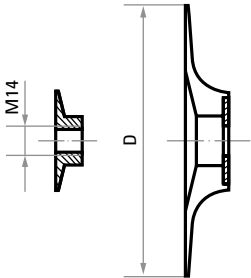
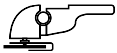
The carriers are supplied in a universally applicable degree of hardness; our medium type is suitable for almost every application. Other types are available on request for roughing work or radius grinding. Cooling slots and ventilation holes increase the stock removal rate and tool life.



★★★

| Product number | Description | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|------|--------|----------------------|---------------|
| A38311151002 | STF HL | 113 | M14 | 13,300 | 1 |
| A38311251002 | STF HL | 123 | M14 | 12,200 | 1 |
| A38311501002 | STF HL | 148 | M14 | 10,200 | 1 |
| A38311801002 | STF HL | 175 | M14 | 8,500 | 1 |

STF fibre disc backing pad



★★☆

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

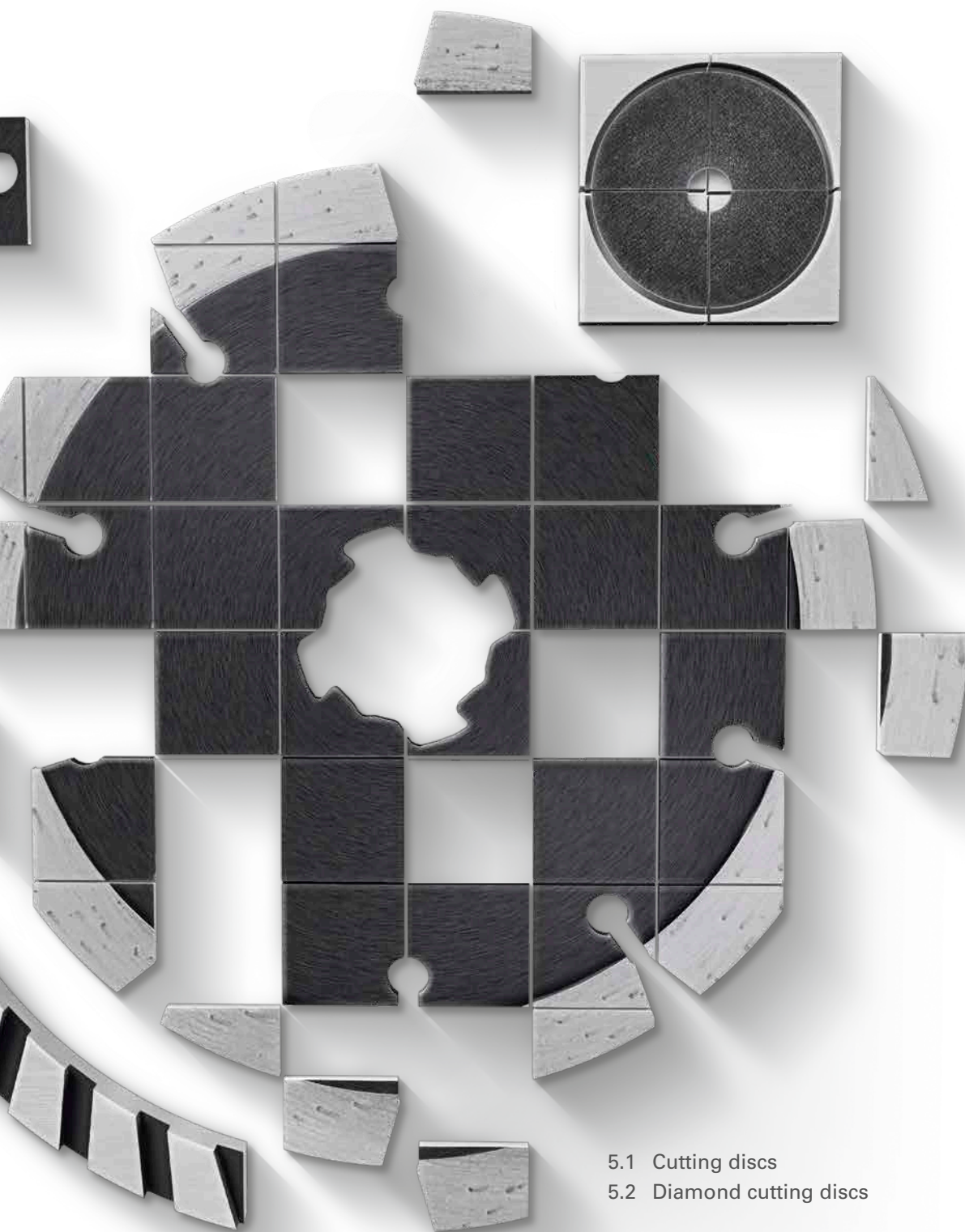
■ nuts included

| Product number | Description | D mm | Thread | n _{max} rpm | Pack contains |
|----------------|-------------|------|--------|----------------------|---------------|
| A38311151001 | STF 115 | 113 | M14 | 13,300 | 1 |
| A38311251001 | STF 125 | 123 | M14 | 12,200 | 1 |
| A38311501001 | STF 150 | 148 | M14 | 10,200 | 1 |
| A38311701001 | STF 180 | 175 | M14 | 8,500 | 1 |

CUTTING

- 5.1 Cutting discs
- 5.2 Diamond cutting discs

274–290
291–298



TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS cutting discs

SHELF LIFE

Resin-bonded cutting discs for handheld use may only be used for up to three years after the manufacture date. The expiry date (month and year) is stamped on the metal ring, e.g. V07/2025.



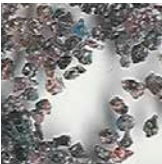
LABELLING SYSTEM FOR RESIN-BONDED CUTTING DISCS

All of the important information about your LUKAS cutting 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.



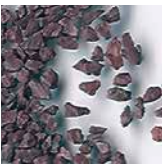
CUTTING



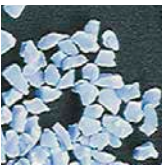
A
Semi-friable
aluminium oxide



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 |

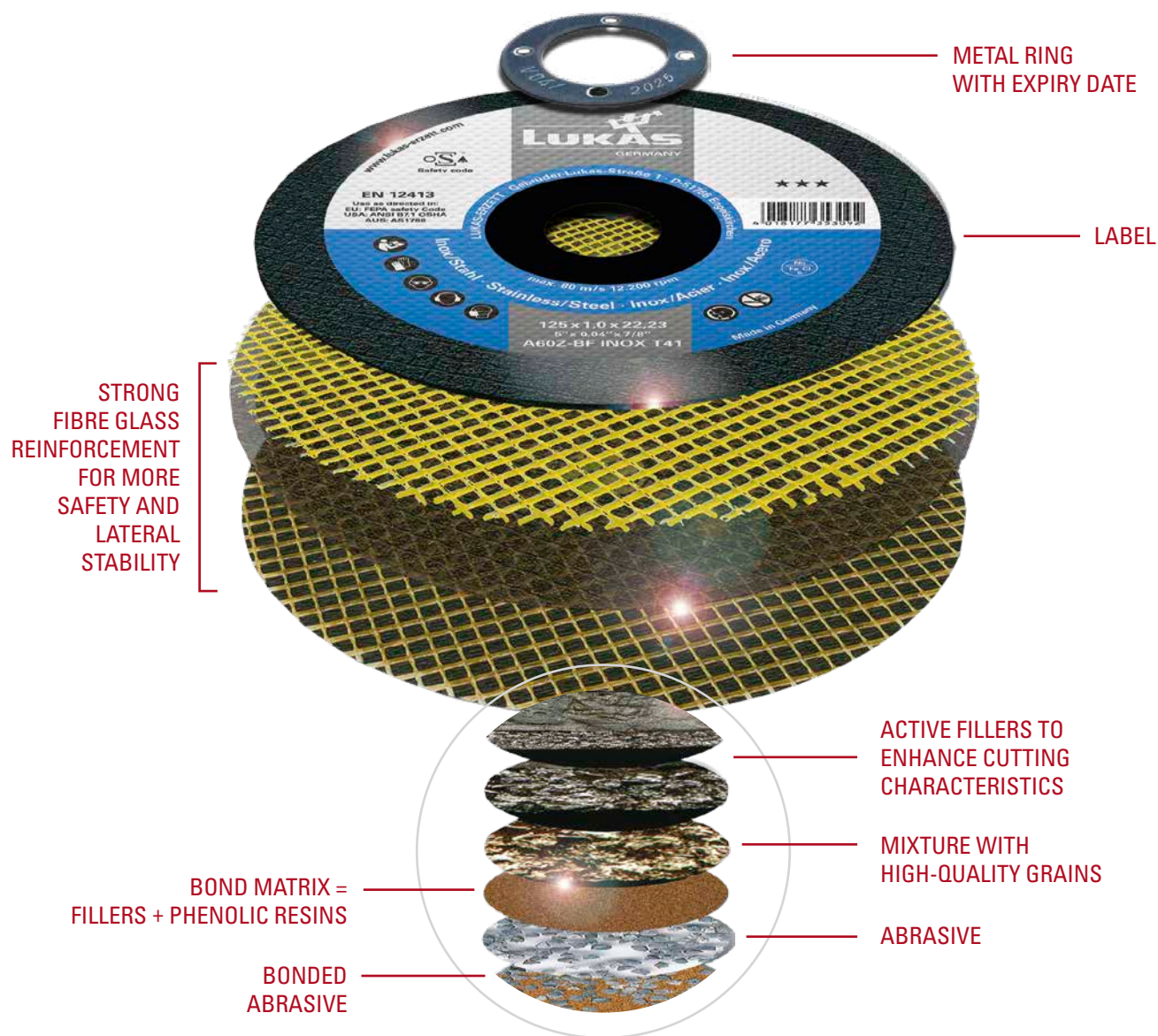
BOND

The bond is to hold the abrasive grain in the disc. LUKAS cutting discs are available with the following two types of bond:

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

TECHNICAL INFORMATION

Construction and components of LUKAS cutting discs



OPERATING SPEED

LUKAS cutting discs are developed and tested for specified maximum operating speeds and grinding processes. Before attaching 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 cutting disc.

| Maximum operating speed | Cutting 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

Safe cutting 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

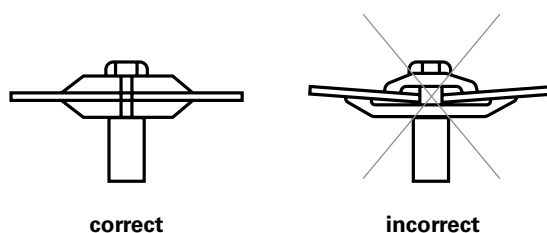
- Safety requirements for bonded abrasive products: EN 12413
- Safety requirements for superabrasive products: EN 13236

SAFETY INFORMATION

- **Avoid improper handling of the discs.** Use only fibre-reinforced cutting discs on power tools.
- Store discs **in a dry place at room temperature.**
- Do not **use damaged discs.**
- Never exceed the maximum permitted speed specified **on the disc.**
- Use only 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.**
- Do not apply lateral pressure **to cutting discs.** Avoid bending the disc.
- Do not 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.
- **Do not cant and seize** the disc **when** cutting.
- **Avoid applying excessive pressure** on the disc. It will cause the motor to slow down.
- **Do not 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.
- Do only use the machine only in a position where you have full control and are well balanced.

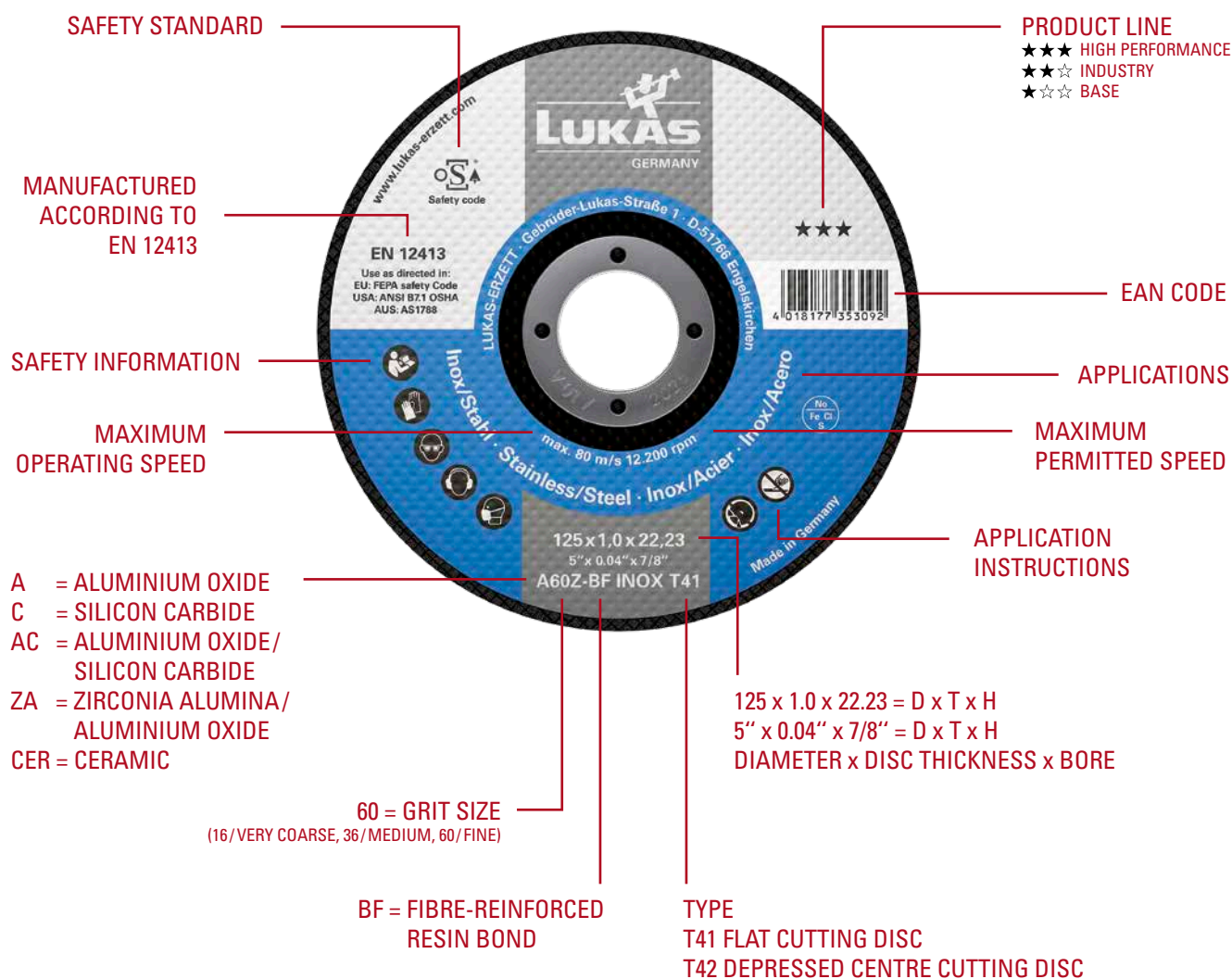
CLAMPING SYSTEM

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

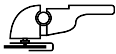























TYPES OF RESIN-BONDED CUTTING DISCS

| T41 Flat cutting discs | T42 Depressed centre cutting disc |
|--|--|
| <p>Cutting discs T = (0.8 mm–4.5 mm) (USA: Type 1)</p> | <p>Cutting discs T = (0.8 mm–4.5 mm) (USA: Type 27)</p> |
| <ul style="list-style-type: none"> Available in diameters from 50 mm (2") to 230 mm (9"), for handheld use From 300 mm (12") to 500 mm (20") for stationary machines | <ul style="list-style-type: none"> Available in diameters from 76 mm (3") to 230 mm (9"), approved for handheld use |

AREA OF USE

Overview of types of LUKAS cutting discs

| Type | Product line | Material | | | | |
|--|--------------|--|---|--|--|---|
| | | Inox/Steel | Steel | Aluminium | Stone/ Construction material | Cast metal/ Construction material |
| Handheld cutting discs for angle grinders Diameter 100–230 mm  | ★★★ |  Page 279 – 281 |  Page 285 | |  Page 294 und 297 |  Page 293 |
| | ★★☆ |  Page 282 |  Page 285 |  Page 286 |  Page 294, 296 und 297 | |
| | ★☆☆ |  Page 284 und 289 |  Page 286 | |  Page 296 und 298 | |
| Handheld cutting discs with X-LOCK system for angle grinders Diameter 115–125 mm  | ★★☆ |  Page 283 | | |  Page 295 und 298 | |
| Stationary cutting discs Diameter Larger than 230 mm   | ★★★ | | | |  Page 294 |  Page 293 |
| | ★★☆ | | | |  Page 294, 296 und 297 | |
| | ★☆☆ |  Page 288 |  Page 288/289 | | | |

MAXIMUM PERFORMANCE AND COOL CUTTING

EXTREMELY DURABLE FOR CUTTING STAINLESS STEEL

LUKAS cutting discs with ceramic grain are perfectly suited for high performance steel cutting. Thanks to the fast but cool cutting, they can machine inox without any blue discolouration whatsoever and have an exceptional tool life due to the self-sharpening effect. In addition, this tool requires little force to be applied.

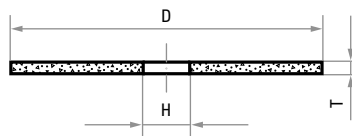
EXTREME TOOL LIFE DUE TO SELF-SHARPENING EFFECT

The high performance cutting discs contain ceramic grit that constantly releases extremely fine particles in use. When the particles break off due to wear, new, sharp abrasive particles are immediately exposed. This self-sharpening effect allows

the highly-versatile cutting discs to achieve an excellent cutting performance consistently over the tool service life with little force required and boast impressive durability. This reduces the frequency of tool replacement significantly – lowering tool costs.

FASTER CUTS WITH HIGHER EFFICIENCY

The ceramic grain allows hard materials, such as hardened surfaces, wear-resistant steels, scale and hardened coatings, titanium alloys and reinforced weld seams, to be cut easily and quickly.



- extremely long tool life
- energy optimised for the highest performance angle grinders
- maximum cutting performance
- little force required
- cool cutting

Ceramic cutting disc



★★★

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|-----------------|------|------|-------|----------------------|---------------|
| AT008310V9802 | T41 115x1.0 | CER 46U-BF Inox | 115 | 1.0 | 22.23 | 13,300 | 25 |
| AT008312V9802 | T41 125x1.0 | CER 46U-BF Inox | 125 | 1.0 | 22.23 | 12,200 | 25 |
| AT008320V9802 | T41 230x2.0 | CER 46U-BF Inox | 230 | 2.0 | 22.23 | 6,600 | 25 |

Recommended for: ● Inox/Steel ● Steel ● Titanium



LUKAS CUTTING DISCS IN 3-STAR QUALITY

TOP PERFORMANCE FOR THE TOUGHEST JOBS

CUTTING

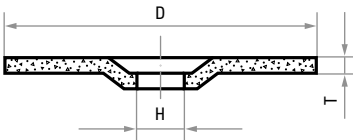
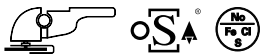
Thanks to innovative press technology and the highest quality raw materials, 3-star LUKAS cutting discs achieve the ultimate results.

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 cutting 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 state-of-the-art production processes provide for high quality and a maximum storage time.

- maximum tool life and cutting performance with innovative bonding technology
- high cutting speed at a cool cutting 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 to quality thanks to top quality raw materials
- energy optimised for your high-performance angle grinders
- environmentally friendly production using up-to-date manufacturing processes and optimised formulas
- perfect for a wide variety of inox and steel materials
- precise cutting

COOL JOBBER - cutting and grinding disc for stainless steel



★★★

- for cutting and grinding with one tool
- carry out two work steps without changing tools
- practical, precise and safe

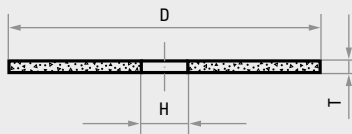
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------------------------|------|------|-------|----------------------|---------------|
| AS015675V9802 | T27 115x2.0 | A36V-BF Inox COOL JOBBER | 115 | 2.0 | 22.23 | 13,300 | 25 |
| AS015676V9802 | T27 125x2.0 | A36V-BF Inox COOL JOBBER | 125 | 2.0 | 22.23 | 12,200 | 25 |

Recommended for: ● Inox/Steel ● Steel ● Aluminium



Cutting disc for stainless steel

- iron-, chloride- and sulphur-free tool
- cuts precisely at a high cutting speed and low cutting temperature
- maximum tool life and cutting performance through innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing



★★★

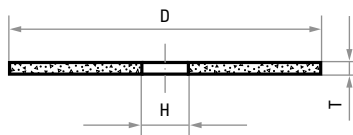
| Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|---|-------------|--------------|-------|------|------|-------|----------------------|---------------|
| AT100010V9802 | T41 105x1,0 | A46Z-BF Inox | | 105 | 1,0 | 15.00 | 14,500 | 50 |
| AT007231V9802 | T41 115x1.0 | A60Z-BF Inox | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT007235V9802 | T41 115x1.6 | A46Z-BF Inox | | 115 | 1.6 | 22.23 | 13,300 | 50 |
| AT007211V9802 | T41 115x2.5 | A30Z-BF Inox | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT007233V9802 | T41 125x1.0 | A60Z-BF Inox | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT007237V9802 | T41 125x1.6 | A46Z-BF Inox | | 125 | 1.6 | 22.23 | 12,200 | 50 |
| AT007213V9802 | T41 125x2.5 | A30Z-BF Inox | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT007239V9802 | T41 150x1.2 | A60Z-BF Inox | | 150 | 1.2 | 22.23 | 10,200 | 50 |
| AT007241V9802 | T41 150x1.6 | A46Z-BF Inox | | 150 | 1.6 | 22.23 | 10,200 | 25 |
| AT007243V9802 | T41 180x1.6 | A46Z-BF Inox | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| AT007245V9802 | T41 230x2.0 | A46Z-BF Inox | | 230 | 2.0 | 22.23 | 6,600 | 25 |
| AT007219V9802 | T41 230x2.5 | A30Z-BF Inox | | 230 | 2.5 | 22.23 | 6,600 | 25 |
| AT005301V9802 | T42 115x0.8 | A60Z-BF Inox | | 115 | 0.8 | 22.23 | 13,300 | 50 |
| AT007212V9802 | T42 115x2.5 | A30Z-BF Inox | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT005302V9802 | T42 125x0.8 | A60Z-BF Inox | | 125 | 0.8 | 22.23 | 12,200 | 50 |
| AT007214V9802 | T42 125x2.5 | A30Z-BF Inox | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT007244V9802 | T42 180x1.6 | A46Z-BF Inox | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| AT007246V9802 | T42 230x1.9 | A46Z-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT007220V9802 | T42 230x2.5 | A30Z-BF Inox | | 230 | 2.5 | 22.23 | 6,600 | 25 |
| Recommended for: ● Inox/Steel ● Steel ● Titanium ● Aluminium ● Cast material | | | | | | | | |

CUTTING



Cutting disc set

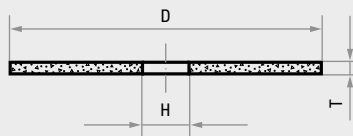
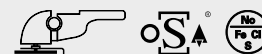
- The handy choice, e.g. for the construction site
- cutting discs in a metal can
 - safely packed
 - moisture-proof



★★★

| 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 | | | | | | | |

Cutting disc for stainless steel



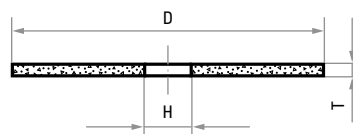
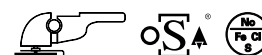
- free of iron, chlorine and sulphur
- cuts precisely at a high cutting speed and low cutting temperature
- long tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing

★★☆

| Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------------|-------|------|------|-------|----------------------|---------------|
| AT005841V9802 | T41 115x1.0 | A60X-BF Inox | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT003346V9802 | T41 115x1.6 | A46X-BF Inox | | 115 | 1.6 | 22.23 | 13,300 | 50 |
| AT001657V9802 | T41 115x2.0 | A36U-BF Inox | | 115 | 2.0 | 22.23 | 13,300 | 25 |
| AT005842V9802 | T41 125x1.0 | A60X-BF Inox | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT003348V9802 | T41 125x1.6 | A46X-BF Inox | | 125 | 1.6 | 22.23 | 12,200 | 50 |
| AT001687V9802 | T41 125x2.0 | A36U-BF Inox | | 125 | 2.0 | 22.23 | 12,200 | 25 |
| AT003327V9802 | T41 150x1.6 | A46X-BF Inox | | 150 | 1.6 | 22.23 | 10,200 | 25 |
| AT001743V9802 | T41 180x2.0 | A36U-BF Inox | | 180 | 2.0 | 22.23 | 8,500 | 25 |
| AT005864V9802 | T41 230x1.9 | A46X-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT001782V9802 | T41 230x2.0 | A36U-BF Inox | | 230 | 2.0 | 22.23 | 6,600 | 25 |
| AT001696V9802 | T42 125x2.5 | A30U-BF Inox | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT005571V9802 | T42 180x1.6 | A46X-BF Inox | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| AT005877V9802 | T42 230x1.9 | A46X-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT004464V9802 | T42 230x3.0 | A30U-BF Inox | | 230 | 3.0 | 22.23 | 6,600 | 25 |

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

Cutting disc set



The handy choice, e.g.

for the construction site

- cutting discs in a metal can
- safely packed
- moisture-proof

★★☆

| 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

Photo: Bosch

TOOL CHANGE WITH JUST A CLICK

CHANGING CUTTING DISCS IS FASTER AND SIMPLER THAN EVER

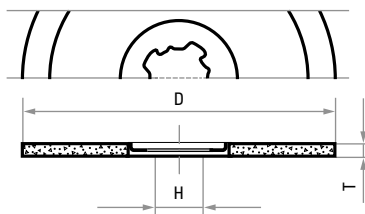
With the new X-LOCK system, simply position the LUKAS cutting disc on the angle grinder's mounting fixture, allow it to engage and you're done. The click sound tells you the disc is securely and safely in place and ready for use. The tool change now only takes a few seconds. There are also no parts like clamping nuts and keys that can get lost easily. That means tool changing is fast and easy, making lengthy tool-change times a thing of the past.

TOOL CHANGE IN NO TIME AT ALL

The X-LOCK allows you to change LUKAS cutting discs in seconds, as well as other LUKAS tool products such as the mounted flap discs found on **pages 168 and 184**.



- faster and simpler tool changes thanks to the latest X-LOCK system
- free of iron, chlorine and sulphur
- cuts precisely at a high cutting speed and low cutting temperature
- long tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing



X-LOCK cutting disc

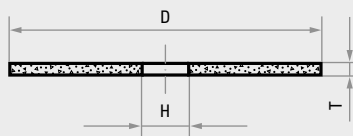
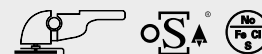


★★★

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----------------|--------------------------|--------------|---------|---------|---------|-------------------------|------------------|
| AT115010V980201 | T41 115x1.0x22.23 X-LOCK | A46U-BF Inox | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT125010V980202 | T41 125x1.0x22.23 X-LOCK | A46U-BF Inox | 125 | 1.0 | 22.23 | 12,200 | 50 |

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

Cutting disc for stainless steel



- free of iron, chlorine and sulphur
- cuts precisely
- long tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing

☆☆☆

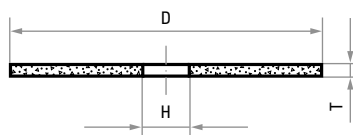
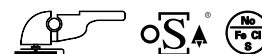
| | Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----|----------------|-------------|-----------------|-------|------|------|-------|----------------------|---------------|
| | AT003108V9802 | T41 100x1.0 | A60S-BF Inox | | 100 | 1.0 | 16.00 | 15,300 | 50 |
| NEW | AT001655V9802 | T41 115x1.0 | A60T-BF Inox | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| | AT004643V9802 | T41 115x1.0 | A60S-BF Inox | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| | AT000647V9802 | T41 115x1.6 | A46T-BF Inox | | 115 | 1.6 | 22.23 | 13,300 | 50 |
| | AT002672V9802 | T41 125x1.0 | A60S-BF Inox | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| NEW | AT001685V9802 | T41 125x1.0 | A60T-BF Inox | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| | AT000674V9802 | T41 125x1.6 | A46T-BF Inox | | 125 | 1.6 | 22.23 | 12,200 | 50 |
| | AT000700V9802 | T41 150x1.6 | A46T-BF Inox | | 150 | 1.6 | 22.23 | 10,200 | 25 |
| NEW | AT001716V9802 | T41 150x2.0 | A36U-BF Inox | | 150 | 2.0 | 22.23 | 10,200 | 25 |
| | AT000716V9802 | T41 180x1.6 | A46T-BF Inox | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| | AT000742V9802 | T41 230x1.9 | A46T-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| | AT003568V9802 | T41 230x3.0 | A24/30S-BF Inox | | 230 | 3.0 | 22.23 | 6,600 | 25 |
| | AT001442V9802 | T42 115x2.5 | A24/30S-BF Inox | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| | AT004157V9802 | T42 125x2.5 | A24/30S-BF Inox | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| | AT000718V9802 | T42 180x1.6 | A46T-BF Inox | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| | AT000744V9802 | T42 230x1.9 | A46T-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| NEW | AT003475V9802 | T42 230x1.9 | A46P-BF Inox | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| | AT005451V9802 | T42 230x2.5 | A24/30S-BF Inox | | 230 | 2.5 | 22.23 | 6,600 | 25 |
| | AT004168V9802 | T42 230x3.0 | A24/30S-BF Inox | | 230 | 3.0 | 22.23 | 6,600 | 25 |

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



MAXIMUM CUTTING PERFORMANCE AND ULTIMATE TOOL LIFE – SEE FOR YOURSELF!

Cutting disc set



- The handy choice, e.g. for the construction site
- cutting discs in a metal can
 - safely packed
 - moisture-proof

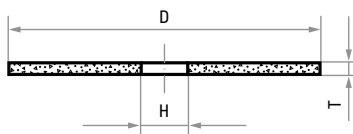
☆☆☆

| | 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 ● Aluminium ● Cast material ● Titanium



- cuts precisely at a high cutting speed and low cutting temperature
- maximum tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing



Cutting disc for machining steel



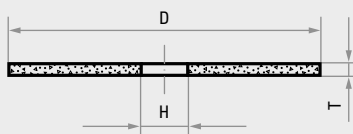
★★★

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|---------------|------|------|-------|----------------------|---------------|
| AT007276V9802 | T41 115x1.0 | A60Z-BF Steel | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT007271V9802 | T41 115x1.6 | A46Z-BF Steel | 115 | 1.6 | 22.23 | 13,300 | 50 |
| AT007278V9802 | T41 125x1.0 | A60Z-BF Steel | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT007273V9802 | T41 125x1.6 | A46Z-BF Steel | 125 | 1.6 | 22.23 | 12,200 | 50 |
| AT007284V9802 | T41 230x1.9 | A46Z-BF Steel | 230 | 1.9 | 22.23 | 6,600 | 25 |

Recommended for: ● Steel ● Cast material



- cuts precisely at a high cutting speed and low cutting temperature
- long tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing



Cutting disc for steel

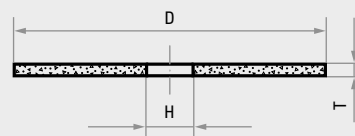


★★★

| Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|---------------|-------|------|------|-------|----------------------|---------------|
| AT005840V9802 | T41 115x1.0 | A60X-BF Steel | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT013301V9802 | T41 115x1.6 | A46X-BF Steel | | 115 | 1.6 | 22.23 | 13,300 | 50 |
| AT001656V9802 | T41 115x2.0 | A36U-BF Steel | | 115 | 2.0 | 22.23 | 13,300 | 25 |
| AT005835V9802 | T41 125x1.0 | A60X-BF Steel | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT013302V9802 | T41 125x1.6 | A46X-BF Steel | | 125 | 1.6 | 22.23 | 12,200 | 50 |
| AT001686V9802 | T41 125x2.0 | A36U-BF Steel | | 125 | 2.0 | 22.23 | 12,200 | 25 |
| AT011086V9802 | T41 125x2.5 | A30X-BF Steel | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT013303V9802 | T41 150x1.6 | A46X-BF Steel | | 150 | 1.6 | 22.23 | 10,200 | 25 |
| AT013305V9802 | T41 180x1.6 | A46X-BF Steel | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| AT001742V9802 | T41 180x2.0 | A36U-BF Steel | | 180 | 2.0 | 22.23 | 8,500 | 25 |
| AT005867V9802 | T41 230x1.9 | A46X-BF Steel | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT001781V9802 | T41 230x2.0 | A36U-BF Steel | | 230 | 2.0 | 22.23 | 6,600 | 25 |
| AT001785V9802 | T41 230x3.0 | A30U-BF Steel | | 230 | 3.0 | 22.23 | 6,600 | 25 |
| AT001665V9802 | T42 115x2.5 | A30U-BF Steel | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT001695V9802 | T42 125x2.5 | A30U-BF Steel | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT001724V9802 | T42 150x2.5 | A30U-BF Steel | | 150 | 2.5 | 22.23 | 10,200 | 25 |
| AT001750V9802 | T42 180x3.0 | A30U-BF Steel | | 180 | 3.0 | 22.23 | 8,500 | 25 |
| AT001790V9802 | T42 230x2.5 | A30U-BF Steel | | 230 | 2.5 | 22.23 | 6,600 | 25 |

Recommended for: ● Steel ● Cast material

Cutting disc for steel



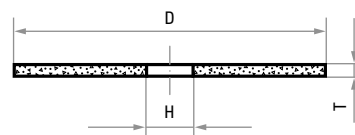
- cuts precisely
- long tool life and cutting performance with innovative bonding technology
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing

☆☆☆

| Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-------------------------|-------------|---------------|-------|------|------|-------|----------------------|---------------|
| AT006440V9802 | T41 115x1.0 | A60S-BF Steel | | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT006448V9802 | T41 115x1.6 | A46T-BF Steel | | 115 | 1.6 | 22.23 | 13,300 | 50 |
| AT00656V9802 | T41 115x2.5 | A24R-BF Steel | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT006710V9802 | T41 125x1.0 | A60S-BF Steel | | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT00675V9802 | T41 125x1.6 | A46T-BF Steel | | 125 | 1.6 | 22.23 | 12,200 | 50 |
| AT00679V9802 | T41 125x2.5 | A24R-BF Steel | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT00707V9802 | T41 150x2.5 | A24R-BF Steel | | 150 | 2.5 | 22.23 | 10,200 | 25 |
| AT00717V9802 | T41 180x1.6 | A46T-BF Steel | | 180 | 1.6 | 22.23 | 8,500 | 25 |
| AT00728V9802 | T41 180x3.0 | A24R-BF Steel | | 180 | 3.0 | 22.23 | 8,500 | 25 |
| AT00743V9802 | T41 230x1.9 | A46T-BF Steel | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT00967V9802 | T41 230x2.0 | A36T-BF Steel | | 230 | 2.0 | 22.23 | 6,600 | 25 |
| AT00750V9802 | T41 230x3.0 | A24R-BF Steel | | 230 | 3.0 | 22.23 | 6,600 | 25 |
| NEW AT00638V9802 | T42 100x2.5 | A24R-BF Steel | | 100 | 2.5 | 16.00 | 15,300 | 50 |
| AT00662V9802 | T42 115x2.5 | A24R-BF Steel | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT00688V9802 | T42 125x2.5 | A24R-BF Steel | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT00732V9802 | T42 180x3.0 | A24R-BF Steel | | 180 | 3.0 | 22.23 | 8,500 | 25 |
| AT00745V9802 | T42 230x1.9 | A46T-BF Steel | | 230 | 1.9 | 22.23 | 6,600 | 25 |
| AT00754V9802 | T42 230x3.0 | A24R-BF Steel | | 230 | 3.0 | 22.23 | 6,600 | 25 |

Recommended for: ● Steel ● Cast material

Cutting disc for machining non-ferrous metals



- easily cuts soft, light metals
- no smearing when used on aluminium
- ideal combination of abrasive grit and bonding agent

☆☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|-------------|------|------|-------|----------------------|---------------|
| AT000920V9802 | T41 115x1.0 | A60N-BF Alu | 115 | 1.0 | 22.23 | 13,300 | 50 |
| AT000950V9802 | T41 125x1.0 | A60N-BF Alu | 125 | 1.0 | 22.23 | 12,200 | 50 |
| AT001694V9802 | T41 125x2.5 | A36N-BF Alu | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT001789V9802 | T41 230x2.5 | A36N-BF Alu | 230 | 2.5 | 22.23 | 6,600 | 25 |

Recommended for: ● Aluminium

THE DISC FOR UNIVERSAL USE

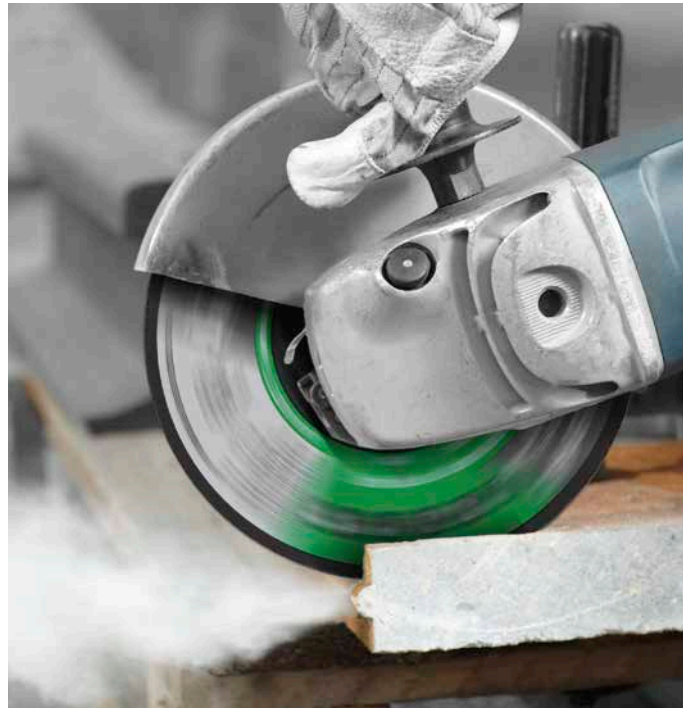
EFFICIENTLY CUT CONCRETE, STONE OR CAST MATERIAL

FLEXIBLE, FAST WORKING

Especially in structural and civil engineering, for new buildings or structural alterations on existing ones and in road construction, tools are required that allow flexible machining of a broad range of building materials. Regardless of whether you are working with brickwork, cast pipes or concrete supports – LUKAS cutting discs for stone, concrete and cast material cut reliably and quickly. They are the perfect alternative for tradespeople who do not regularly use diamond cutting discs.

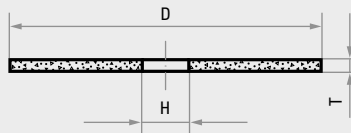
BROAD RANGE OF APPLICATIONS

This disc is also used for fettling in many foundries and fettling shop, where they come into their own thanks to their high silicon carbide content. As a result, cast parts with inclusions and defects in the surface can be machined quickly and reliably. Risers and sprues can easily be cut off.



Cutting disc for stone and cast material

- for universal use
- for use on construction sites
- preferable to diamond cutting discs thanks to its excellent value for money and high speed

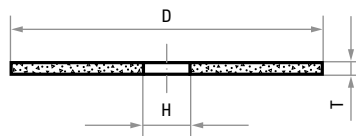


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| Product number | Description | Quality | Shape | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|---------------|-------|---------|---------|---------|-------------------------|------------------|
| AT115025V980201 | T41 115x2.5 | C24S-BF Stone | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT125025V980201 | T41 125x2.5 | C24S-BF Stone | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT180030V980201 | T41 180x3.0 | C24S-BF Stone | | 180 | 3.0 | 22.23 | 8,500 | 25 |
| AT230030V980201 | T41 230x3.0 | C24S-BF Stone | | 230 | 3.0 | 22.23 | 6,600 | 25 |
| AT115025V980202 | T42 115x2.5 | C24S-BF Stone | | 115 | 2.5 | 22.23 | 13,300 | 25 |
| AT125025V980202 | T42 125x2.5 | C24S-BF Stone | | 125 | 2.5 | 22.23 | 12,200 | 25 |
| AT230030V980202 | T42 230x3.0 | C24S-BF Stone | | 230 | 3.0 | 22.23 | 6,600 | 25 |
| AT230030V980203 | T42 230x3.0 | C24R-BF Stone | | 230 | 3.0 | 22.23 | 6,600 | 25 |

Recommended for: ● Stone ● Cast material

Stationary cutting disc for machining stainless steel



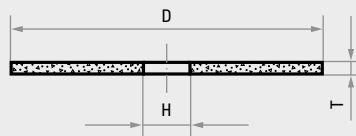
- free of iron, chlorine and sulphur
- optimised for stationary use
- cuts precisely
- long tool life and cutting performance with innovative bonding technology

★☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n_{max} rpm | Pack contains |
|----------------|-------------|--------------|------|------|-------|---------------|---------------|
| AT010003 | T41 300x3.5 | A30S-BF Inox | 300 | 3.5 | 32.00 | 5,100 | 10 |
| AT020208 | T41 350x2.6 | A30S-BF Inox | 350 | 2.6 | 25.40 | 4,400 | 10 |

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

Cutting disc for machining steel



- large cutting disc for stationary and handheld use
- cuts precisely
- long tool life and cutting performance with innovative bonding technology

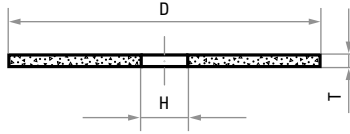
★☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n_{max} rpm | Pack contains |
|----------------|-------------|---------|------|------|-------|---------------|---------------|
| AT010052 | T41 300x4.0 | A24R-BF | 300 | 4.0 | 20.00 | 6,400 | 10 |
| AT010055 | T41 350x4.0 | A24R-BF | 350 | 4.0 | 20.00 | 5,400 | 10 |
| AT010057 | T41 350x4.0 | A24R-BF | 350 | 4.0 | 25.40 | 5,400 | 10 |

Recommended for: ● Steel ● Cast material



Stationary cutting disc for machining steel

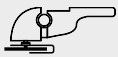


- optimised for stationary use
- cuts precisely
- long tool life and cutting performance with innovative bonding technology

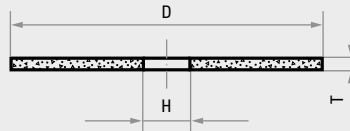
★☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|---------------|------|------|-------|----------------------|---------------|
| AT010028 | T41 300x2.6 | A36S-BF Steel | 300 | 2.6 | 25.40 | 6,400/80 m/s | 10 |
| AT001774 | T41 300x3.5 | A30T-BF Steel | 300 | 3.5 | 22.23 | 6,400/100 m/s | 10 |
| AT001776 | T41 300x3.5 | A30T-BF Steel | 300 | 3.5 | 25.40 | 6,400/100 m/s | 10 |
| AT010020 | T41 300x3.5 | A30T-BF Steel | 300 | 3.5 | 32.00 | 6,400/100 m/s | 10 |
| AT010029 | T41 350x2.6 | A36S-BF Steel | 350 | 2.6 | 25.40 | 5,400/80 m/s | 10 |
| AT010022 | T41 350x3.5 | A30T-BF Steel | 350 | 3.5 | 25.40 | 5,400/100 m/s | 10 |
| AT010023 | T41 350x3.5 | A30T-BF Steel | 350 | 3.5 | 32.00 | 5,400/100 m/s | 10 |
| AT010030 | T41 400x3.2 | A36S-BF Steel | 400 | 3.2 | 25.40 | 4,700/80 m/s | 5 |
| AT010026 | T41 400x4.0 | A30T-BF Steel | 400 | 4.0 | 32.00 | 4,700/100 m/s | 5 |

Recommended for: ● Steel ● Cast material



Laboratory cutting disc **NEW**



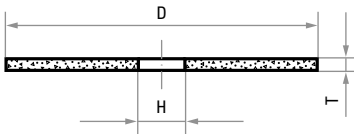
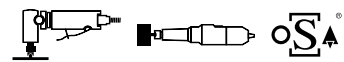
- precise cuts
- no structural changes
- cool cutting

★☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|-----------------|------|------|------|----------------------|---------------|
| AT300020V9802001 | T41 300x2.0 | 43A 46 K 15 B70 | 300 | 2.0 | 32 | 3,200 | 25 |
| AT300020V9802 | T41 300x2.0 | A70I-B | 300 | 2.0 | 32 | 3,200 | 25 |
| AT400035V9802 | T41 400x3.5 | A60H-B | 400 | 3.5 | 32 | 3,000 | 25 |
| AT500035V9802 | T41 500x3.5 | A60H-B | 500 | 3.5 | 32 | 1,900 | 25 |

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

Small cutting disc for machining stainless steel



- The thin width of less than a millimetre allows you to get to hard-to-reach places.
- delicately machine small parts
- free of iron, chlorine and sulphur
- high level of safety and lateral stability thanks to strong fibreglass fabric and regular testing

☆☆☆

| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|---|-------------|--------------|---------|---------|---------|-------------------------|------------------|
| AT501006V9802 | T41 50x1.0 | A46S-BF Inox | 50 | 1.0 | 6.0 | 30,500 | 50 |
| AT501010V9802 | T41 50x1.0 | A46S-BF Inox | 50 | 1.0 | 10.0 | 30,500 | 50 |
| AT761006V9802 | T41 76x1.0 | A46S-BF Inox | 76 | 1.0 | 6.0 | 20,100 | 50 |
| AT761010V9802 | T41 76x1.0 | A46S-BF Inox | 76 | 1.0 | 10.0 | 20,100 | 50 |
| AT763010V9802 | T41 76x3.0 | A46S-BF Inox | 76 | 3.0 | 10.0 | 20,100 | 50 |
| Recommended for: Inox/Steel Steel | | | | | | | |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS diamond cutting discs

DIAMOND

Diamond is the hardest material in the world. The type of diamond chosen depends on what it is used for. Only synthetic diamonds are used for the diamond cutting discs. Unlike natural diamonds, their properties can be reproduced and controlled.

The following characteristics are significant when selecting diamonds:

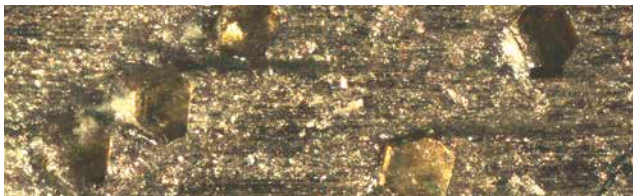
- degree of purity
- defined fracture strength
- sharp edges
- consistent geometry

Diamonds are classified by quality levels and grit sizes.



SEGMENT

The segments consist of a diamond-embedded metal powder. The metal bond must be suited to the material to be cut. The metal powder consists of bronze, cobalt, iron, carbide, or tungsten carbide, for example. The various characteristics of the metal powder give the segment sharpness and the all-important wear resistance. The segment coating is produced by a sintering process. A hard bond is selected for abrasive construction materials, while a soft bond is needed for hard structural materials.



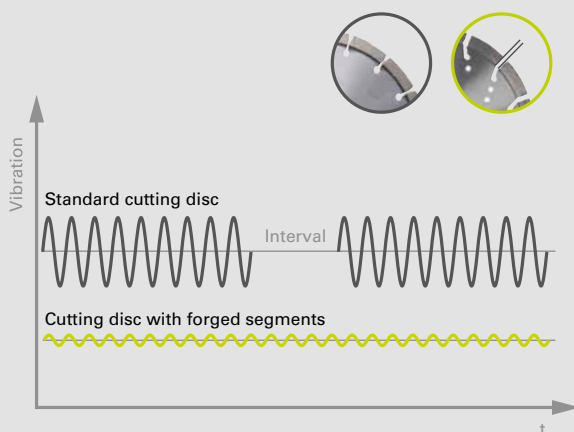
SEGMENT GEOMETRY

The patented forged segment geometry allows even tall segments to be arranged very close to each other. This significantly reduces vibration for the user. Another crucial advantage is safety. The dense, porelessly forged segments have welds that provide much more safety against fracturing compared to the usual sintered segments.

- universal and fast due to new types of alloys in the segments
- less vibration through trapezium segment geometry
- more safety due to segment feet that are poreless and provide the utmost safety against fracturing
- long tool life thanks to taller segments and slower rate of diamond shedding

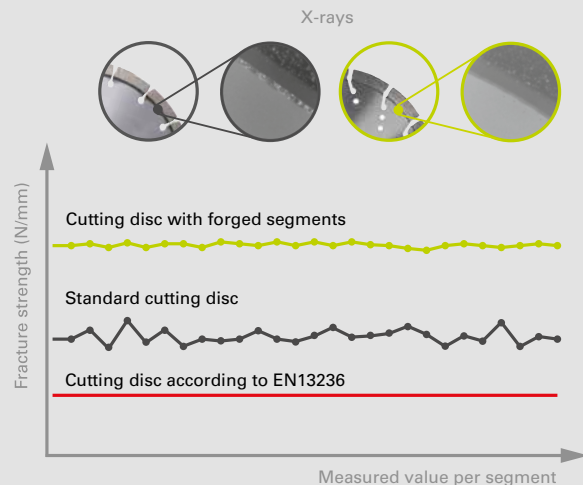
COMPARISON OF CUTTING PROPERTIES

Low-vibration, narrow-gap cutting discs compared to cutting discs with forged segment



WELDING PROPERTIES OF FORGED SEGMENTS

Highest level of safety against fracturing



USAGE INSTRUCTIONS

The right disc for your application

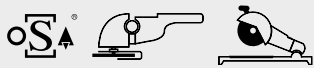
LUKAS has diamond cutting discs for a variety of materials. Whether you are working with concrete, tile or asphalt, you will

find the perfect tool for every application. Select the material that you want to cut from the table below.

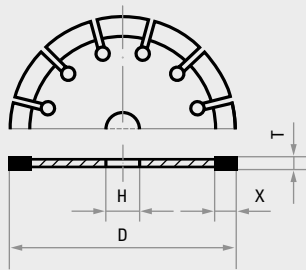
| <div><div></div> best suitable</div> <div><div></div> suitable</div> | | | | Tile | | | Granite, hard materials | | | Concrete | | | Building material | | | | Asphalt, abrasive materials | | | | |
|--|--------------------------------|--------------|-------------------|------|----------------|--------------|-------------------------|----------|---------------|---------------------|----------------------------|-------------------|-------------------|------------|----------------------|-----------------|-----------------------------|--------|----------------|---------|-----------|
| Page | Product | Product line | Segment height mm | Tile | Fine stoneware | Granite tile | Granite | Porphyry | Clinker brick | Reinforced concrete | Exposed aggregate concrete | Concrete products | Brick, masonry | Roof tiles | Gas concrete, pumice | Sand-lime brick | Refractory bricks | Screed | Fresh concrete | Asphalt | Grey iron |
| Diamond cutting discs | | | | | | | | | | | | | | | | | | | | | |
| 293 | VDC | ★★★★ | 7 | | | | | | | | | | | | | | | | | | |
| 294 | LD Multi S13 | | 13 | | | | | | | | | | | | | | | | | | |
| 294/295 | LD3 S10/ LD3 S10 X-LOCK | ★★★☆☆ | 10 | | | | | | | | | | | | | | | | | | |
| 296 | LD7 S10 | | 10 | | | | | | | | | | | | | | | | | | |
| 296 | Turbo S10 | | 10 | | | | | | | | | | | | | | | | | | |
| 296 | Blue Cut+ | | 10 | | | | | | | | | | | | | | | | | | |
| 297 | TC7 | ★★☆☆☆ | 7 | | | | | | | | | | | | | | | | | | |
| Tile cutting discs | | | | | | | | | | | | | | | | | | | | | |
| 297 | FAST CUT S10 | ★★★★ | 10 | | | | | | | | | | | | | | | | | | |
| 297/298 | FLIESE S7/ FLIESE S7 X-LOCK | ★★★☆☆ | 7 | | | | | | | | | | | | | | | | | | |
| 298 | FC7 | ★★☆☆☆ | 7 | | | | | | | | | | | | | | | | | | |

VDC – AGGRESSIVE APPLICATION WITH EXTREME TOOL LIFE

STAYS COOL. NO DUST OR ODOURS. NO EXPIRY DATE.



- the diamond cutting disc that revolutionised cutting cast iron
- ideal for cutting cast iron (GG, GGG), fibreglass reinforced plastics (GFRP) and mineralisation
- not suitable for high-alloy materials containing nickel!



VDC diamond cutting disc

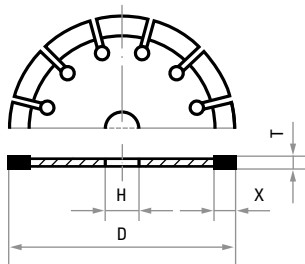


★★★

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains | |
|----------------|-------------|---------|------------------------|-----------------------|---------|-------------------------|------------------|-----|
| A34901152222 | VDC 115022 | 115 | 7.0 | 2.2 | 22.23 | 13,300 | 1 | |
| A34901252222 | VDC 125022 | 125 | 7.0 | 2.2 | 22.23 | 12,200 | 1 | |
| A34901802622 | VDC 180026 | 180 | 7.0 | 2.2 | 22.23 | 8,500 | 1 | |
| A34902303022 | VDC 230030 | 230 | 7.0 | 3.0 | 22.23 | 6,600 | 1 | |
| A7401300050001 | VDC 300035 | 300 | 7.0 | 3.5 | 22.23 | 5,000 | 1 | NEW |
| A7401300050003 | VDC 300035 | 300 | 7.0 | 3.5 | 40.00 | 5,000 | 1 | NEW |
| A34903503632 | VDC 350036 | 350 | 7.0 | 3.6 | 32.00 | 4,400 | 1 | |
| A74014000403 | VDC 400038 | 400 | 7.0 | 3.8 | 32.00 | 3,800 | 1 | NEW |
| A740175604 | VDC 756040 | 756 | 7.0 | 4.0 | 100.00 | 2,000 | 1 | NEW |

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

LD Multi S13 diamond cutting disc



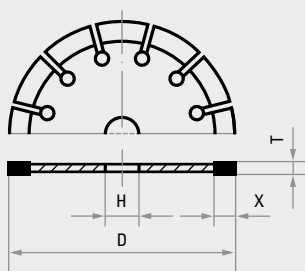
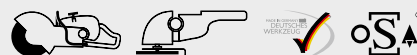
★★★

- professional disc for concrete and construction materials
- extremely versatile with optimum cutting speed
- long tool life
- Trapezium-shaped segments ensure low vibration.
- segment produced using forge technology

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|--------------|---------|------------------------|-----------------------|---------|-------------------------|------------------|
| A344031151213083 | LD Multi S13 | 115 | 13 | 2.4 | 22.23 | 13,300 | 1 |
| A344031251213093 | LD Multi S13 | 125 | 13 | 2.4 | 22.23 | 12,200 | 1 |
| A344031501213113 | LD Multi S13 | 150 | 13 | 2.4 | 22.23 | 10,200 | 1 |
| A344031801213133 | LD Multi S13 | 180 | 13 | 2.4 | 22.23 | 8,500 | 1 |
| A344032301213153 | LD Multi S13 | 230 | 13 | 2.6 | 22.23 | 6,600 | 1 |
| A344033002213183 | LD Multi S13 | 300 | 13 | 2.8 | 25.4 | 6,400 | 1 |
| A344033502213213 | LD Multi S13 | 350 | 13 | 3.0 | 25.4 | 5,500 | 1 |
| A344034002213243 | LD Multi S13 | 400 | 13 | 3.2 | 25.4 | 4,800 | 1 |

Recommended for: ● Stone/Construction material

LD3 S10 diamond cutting disc



★★☆

- For universal applications but highly versatile with a high cutting rate in reinforced concrete and construction material
- excellent price-performance ratio
- laser-welded joints

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|---------|------------------------|-----------------------|---------|-------------------------|------------------|
| A344131151210083 | LD3 S10 | 115 | 11 | 2.4 | 22.23 | 13,300 | 1 |
| A344131251210093 | LD3 S10 | 125 | 11 | 2.4 | 22.23 | 12,200 | 1 |
| A344131801210143 | LD3 S10 | 180 | 11 | 2.4 | 22.23 | 8,500 | 1 |
| A344132301210163 | LD3 S10 | 230 | 11 | 2.6 | 22.23 | 6,600 | 1 |
| A344133002210163 | LD3 S10 | 300 | 11 | 2.8 | 25.4 | 6,400 | 1 |
| A344133502210163 | LD3 S10 | 350 | 11 | 3.0 | 25.4 | 5,500 | 1 |
| A344134002210163 | LD3 S10 | 400 | 11 | 3.2 | 25.4 | 4,800 | 1 |

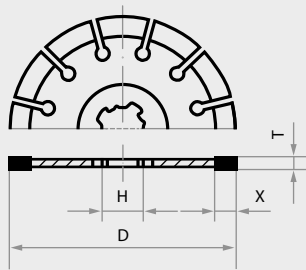
Recommended for: ● Stone/Construction material

HIGH CUTTING RATE – QUICK CHANGE

NO ACCESSORIES NEEDED FOR TOOL CHANGE DUE TO THE X-LOCK SYSTEM



- For universal applications but highly versatile with a high cutting rate in reinforced concrete and construction material
- Tool change is as easy as a click. No accessories needed due to the innovative X-LOCK system.
- excellent price-performance ratio
- laser-welded joints



LD3 S10 X-LOCK diamond cutting disc



★★☆

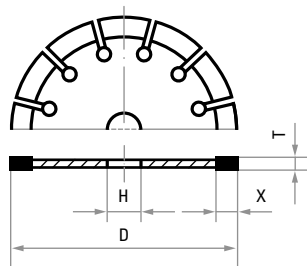
| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|----------------|---------|------------------------|-----------------------|---------|-------------------------|------------------|
| A344131259210083 | LD3 S10 X-LOCK | 125 | 10 | 2.3 | 22.23 | 12,200 | 10 |

Recommended for: ● Stone/Construction material

LD 7 S10 diamond cutting disc



★★☆

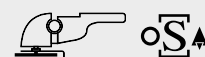


- perfect for cutting asphalt
- specially formed segments for high running smoothness and core protection
- laser-welded joints

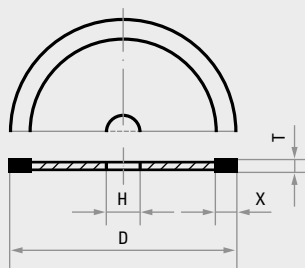
| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n_{max} rpm | Pack contains |
|------------------|-------------|------|---------------------|--------------------|------|---------------|---------------|
| A344173002210183 | LD7 S10 | 300 | 11 | 3.2 | 25.4 | 6,400 | 1 |
| A344173502210213 | LD7 S10 | 350 | 11 | 3.2 | 25.4 | 5,500 | 1 |
| A344174002210243 | LD7 S10 | 400 | 11 | 3.5 | 25.4 | 4,800 | 1 |
| A344174502210283 | LD7 S10 | 450 | 11 | 4.0 | 25.4 | 2,700 | 1 |

Recommended for: ● Stone/Construction material

TURBO S10 diamond cutting disc



★★☆



- ideal for cleanly cutting construction materials or concrete
- suitable for various applications

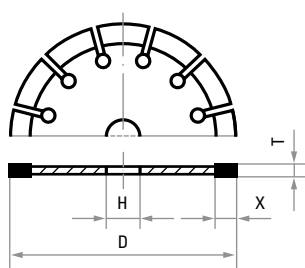
| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n_{max} rpm | Pack contains |
|------------------|-------------|------|---------------------|--------------------|-------|---------------|---------------|
| A344141151110013 | TURBO S10 | 115 | 10 | 1.8 | 22.23 | 13,300 | 1 |
| A344141251110013 | TURBO S10 | 125 | 10 | 1.8 | 22.23 | 12,200 | 1 |
| A344141801110013 | TURBO S10 | 180 | 10 | 2.2 | 22.23 | 8,500 | 1 |
| A344142301110013 | TURBO S10 | 230 | 10 | 2.4 | 22.23 | 6,600 | 1 |

Recommended for: ● Stone/Construction material

NEW Blue Cut+ S10 diamond cutting disc



★★☆



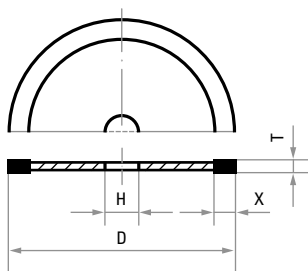
- especially popular on construction sites
- excellent price-performance ratio

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n_{max} rpm | Pack contains |
|------------------|---------------|------|---------------------|--------------------|-------|---------------|---------------|
| A345241151120085 | Blue Cut+ S10 | 115 | 10 | 2.0 | 22.23 | 13,300 | 1 |
| A345241251120095 | Blue Cut+ S10 | 125 | 10 | 2.0 | 22.23 | 12,200 | 1 |
| A345241501120125 | Blue Cut+ S10 | 150 | 10 | 2.2 | 22.23 | 10,200 | 1 |
| A345242301120165 | Blue Cut+ S10 | 230 | 10 | 2.5 | 22.23 | 6,600 | 1 |

Recommended for: ● Stone/Construction material



TC7 diamond cutting disc

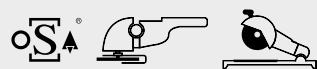


- the turbo disc for precise cutting
- great price-performance ratio

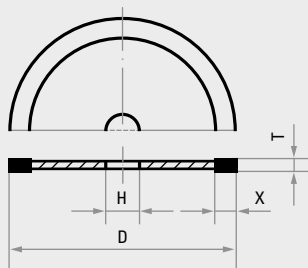
★☆☆

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|------|---------------------|--------------------|-------|----------------------|---------------|
| A345241151107775 | TC7 | 115 | 7 | 2.4 | 22.23 | 13,300 | 1 |
| A345241251107775 | TC7 | 125 | 7 | 2.6 | 22.23 | 12,200 | 1 |
| A345242301107775 | TC7 | 230 | 7 | 3.2 | 22.23 | 6,600 | 1 |

Recommended for: ● Stone/Construction material



FAST CUT diamond cutting disc

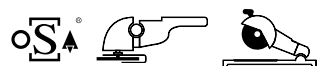


- extra-thin diamond cutting disc for ceramic and fine stone applications
- cuts through the hardest tiles quickly and cleanly
- offers an extra-thin segment coating and reinforced flange area

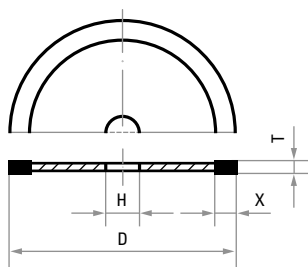
★★★

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|--------------|------|---------------------|--------------------|-------|----------------------|---------------|
| A344091151110013 | FAST CUT S10 | 115 | 10 | 1.4 | 22.23 | 13,300 | 1 |
| A344091251110013 | FAST CUT S10 | 125 | 10 | 1.4 | 22.23 | 12,200 | 1 |

Recommended for: ● Stone/Construction material



FLIESE S7 diamond cutting disc



- the popular choice cutting discs for tile and ceramic
- also cuts exactly through glazed ceramic

★★☆

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|-------------|------|---------------------|--------------------|-------|----------------------|---------------|
| A34411151107013 | FLIESE S7 | 115 | 7 | 1.6 | 22.23 | 13,300 | 1 |
| A344111251107013 | FLIESE S7 | 125 | 7 | 1.6 | 22.23 | 12,200 | 1 |
| A344112301107013 | FLIESE S7 | 230 | 7 | 2.0 | 22.23 | 6,600 | 1 |

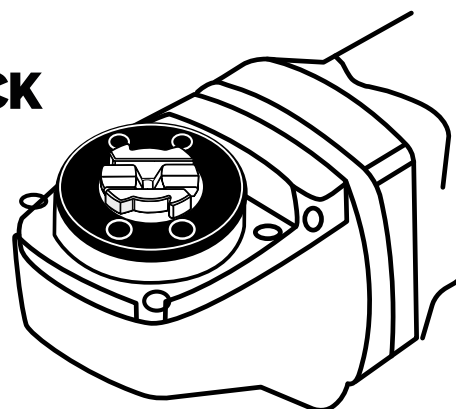
Recommended for: ● Stone/Construction material

TOOL CHANGE WITH JUST A CLICK

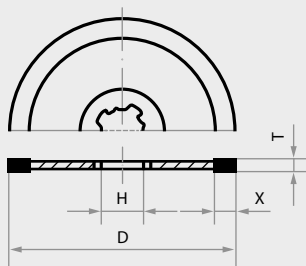
CHANGE TOOL QUICKLY AND EASILY WITH NO NEEDED ACCESSORIES

With the X-LOCK system, simply position the LUKAS diamond cutting disc on the angle grinder's mounting fixture, allow it to engage and you are done. The click sound lets you know that the disc is securely and safely in place and ready for use. The tool change now only takes a few seconds. There are also no parts like clamping nuts and keys that can get lost easily. That means tool changing is fast and easy, making lengthy tool-change times a thing of the past.

XLOCK



FLIESE S7 X-LOCK diamond cutting disc

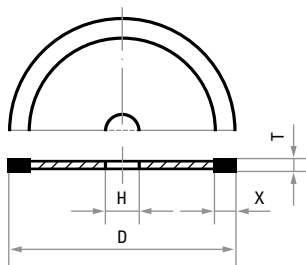


★★☆

- cutting disc for tile and ceramic, with practical X-LOCK system
- tool change without accessories; turn in your hand
- also cuts exactly through glazed ceramic

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|--|------------------|------|---------------------|--------------------|-------|----------------------|---------------|
| A344111259107013 | FLIESE S7 X-LOCK | 125 | 7 | 1.5 | 22.23 | 12,200 | 10 |
| Recommended for: ● Stone/Construction material | | | | | | | |

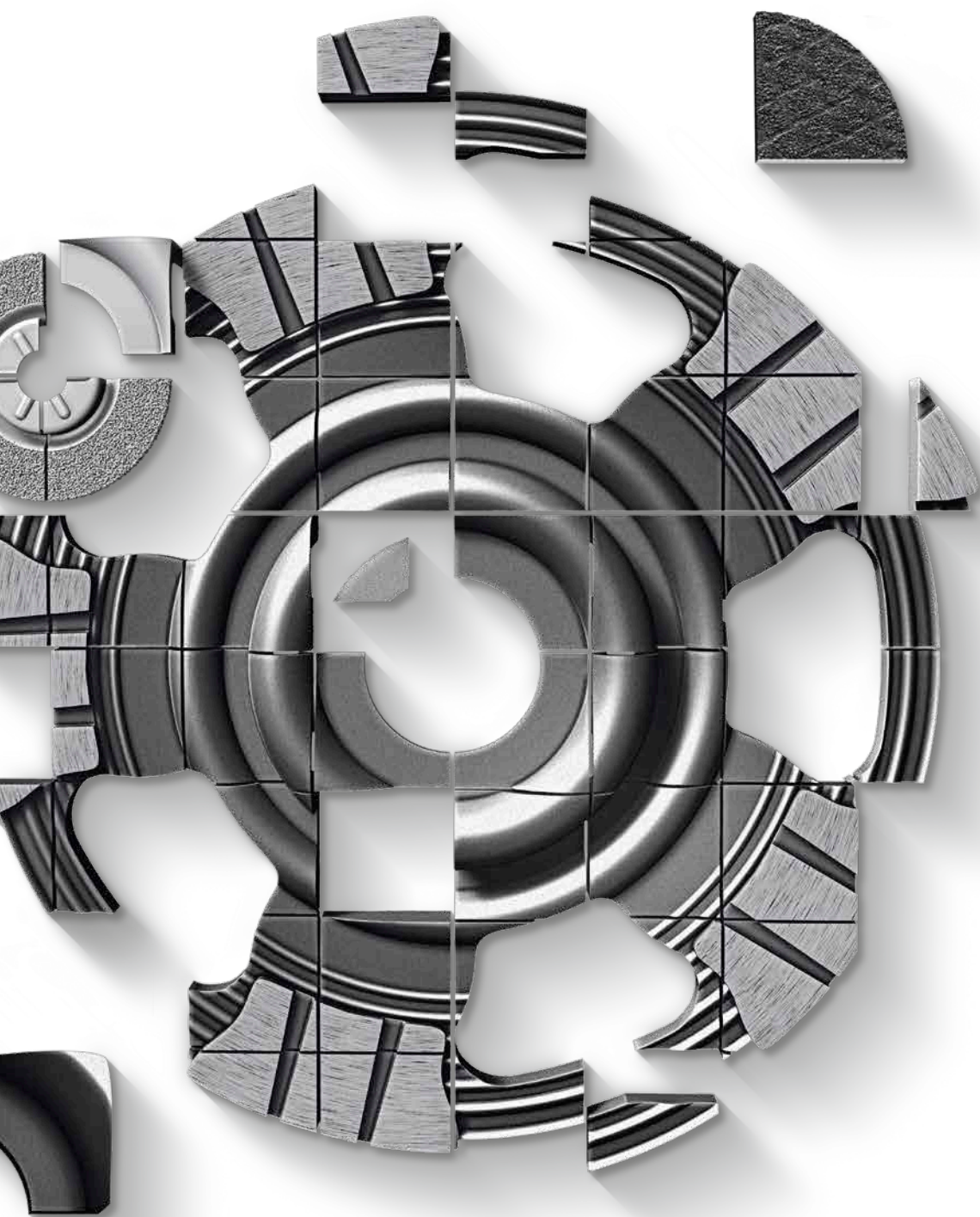
FC7 diamond cutting disc



★★☆

- cuts through tiles with ease
- excellent price-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 | | | | | | | |



ROUGH GRINDING

ROUGH GRINDING

| | |
|---|---------|
| 6.1 Grinding discs | 300–311 |
| 6.2 Diamond cup wheels | 312 |
| 6.3 Tungsten carbide granulate-tipped tools | 313 |

TECHNICAL INFORMATION AND PRODUCT INFORMATION

LUKAS grinding discs

SHELF LIFE

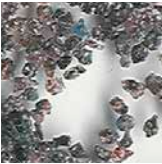
Resin-bonded grinding discs for handheld use may only be used up to three years after the manufacture date. The expiry date (month and year) is stamped on the metal ring, e.g. V07/2025.



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.

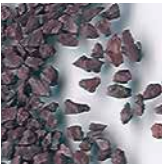
The following overview provides all the information concerning the abbreviations and markings.



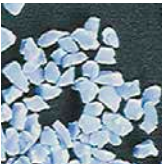
A
Semi-friable
aluminium oxide



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 |

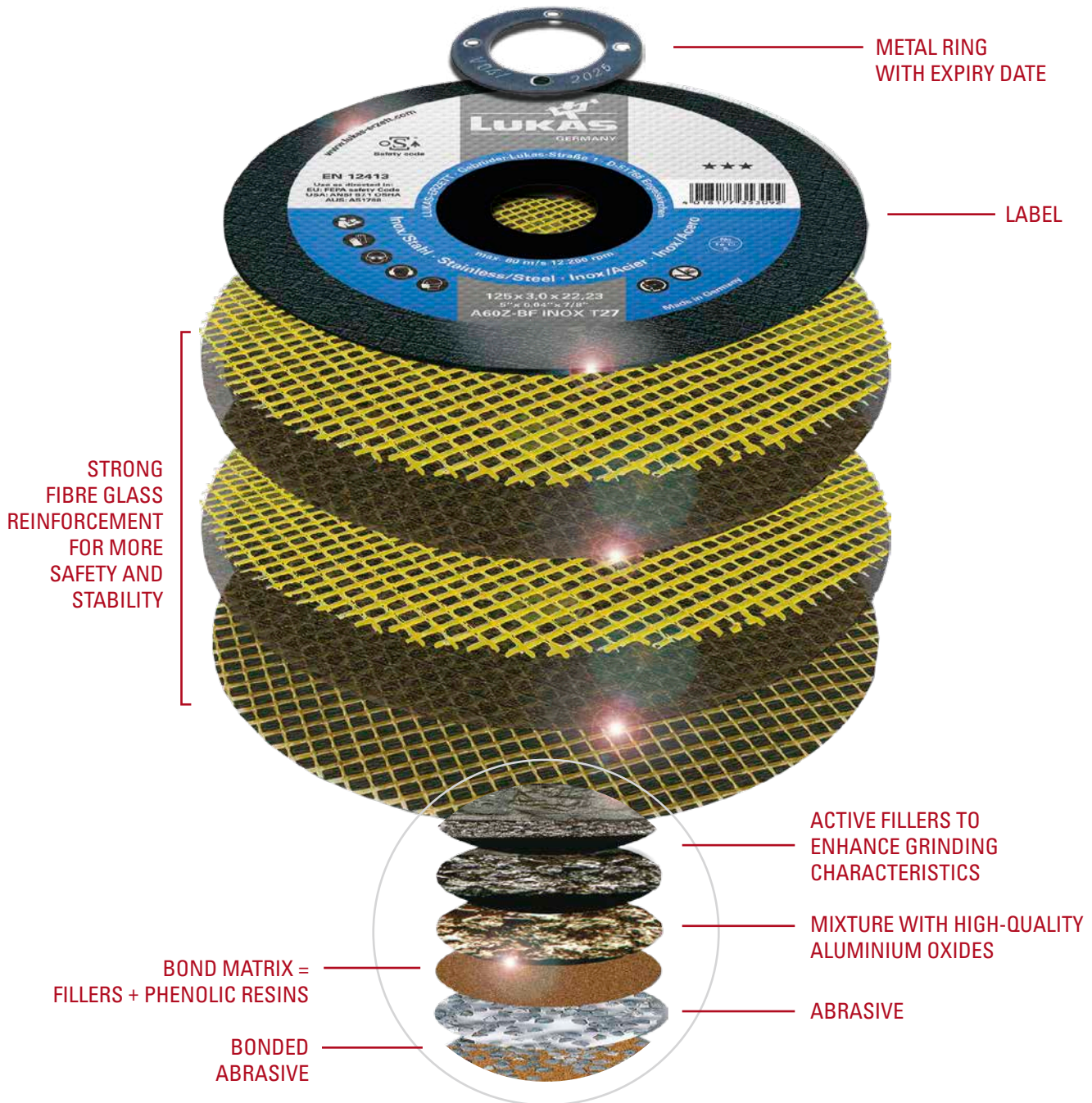
BOND

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

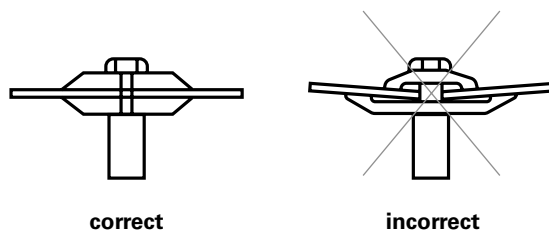
- Safety requirements for bonded abrasive products: EN 12413
- Safety requirements for superabrasive products: EN 13236

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.

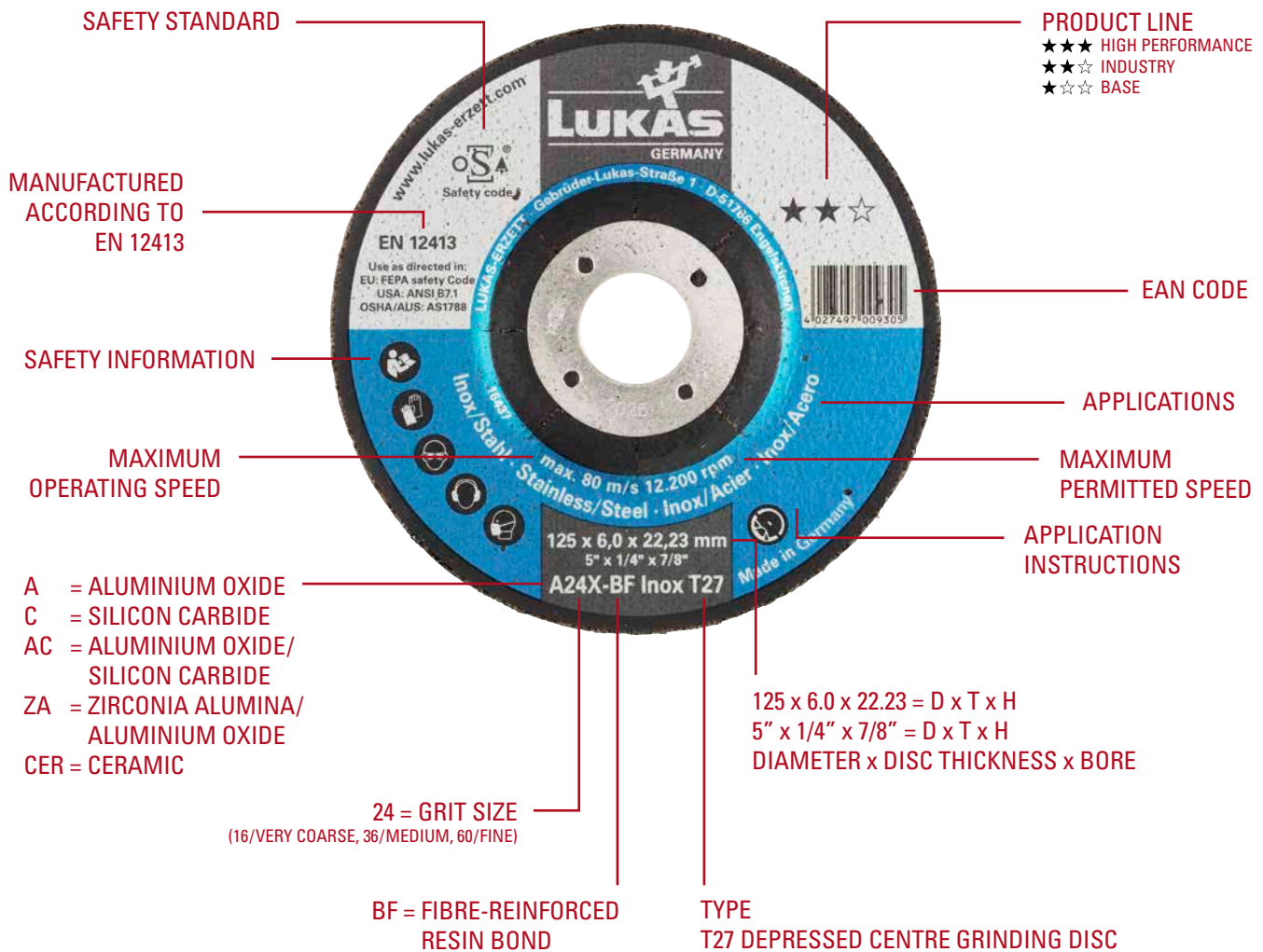
CLAMPING SYSTEM

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).

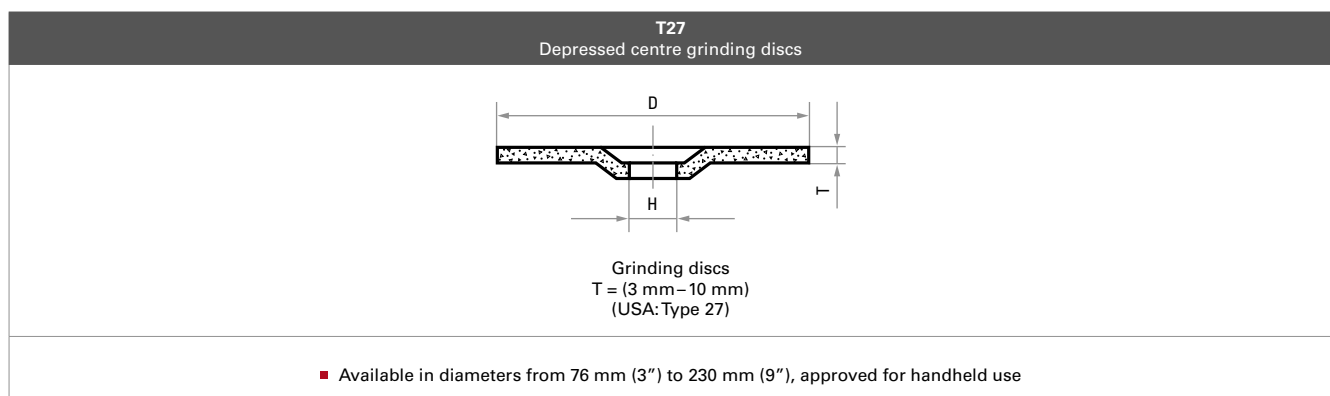


LABELLING

All important markings on the label

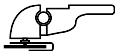










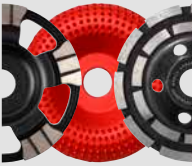




TYPES OF RESIN-BONDED GRINDING DISCS



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 305 and 306 |  Page 308 | | | |
| | ★★☆ |  Page 307 |  Page 309 |  Page 310 |  Page 311 |  Page 311 |
| | ★★☆ |  Page 307 |  Page 309 | | | |
| Diamond grinding disc for the angle grinder  | ★★☆ | | | |  Page 312 | |
| Tungsten carbide granulate-tipped disc for angle grinders  | ★★☆ | | | |  Page 313 | |

THE PERFECT ALTERNATIVE TO THE GRINDING DISC: THE **iQ-SERIES FLAP DISC** FROM LUKAS!
GO TO **PAGES 155–180** 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 discolouration 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.

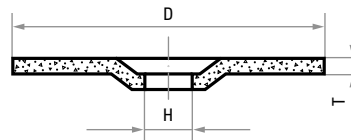
EXTREME TOOL LIFE DUE TO SELF-SHARPENING EFFECT

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



★★★★

| 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



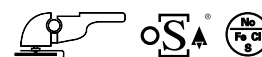
LUKAS GRINDING DISCS IN 3-STAR QUALITY

EXCELLENT QUALITY FOR TOP GRINDING PERFORMANCE

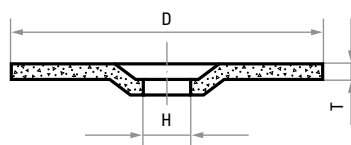
Thanks to innovative press technology and the highest quality raw materials, 3-star LUKAS grinding discs achieve the ultimate results. The minimum wear of 3-star quality noticeably reduces odours and dust, thus improving working conditions. Energy and ergonomically optimised for powerful machines, 3-star 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

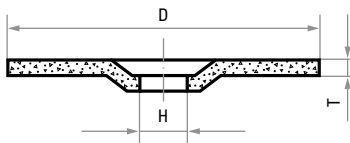
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------------|------|------|-------|----------------------|---------------|
| AS013491V9802 | T27 115x7.0 | A24U-BF Inox | 115 | 7.0 | 22.23 | 13,300 | 10 |
| AS013492V9802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



★★☆

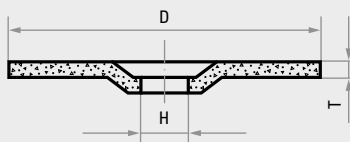
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------------|------|------|-------|----------------------|---------------|
| AS003100V9802 | T27 115x6.0 | A24X-BF Inox | 115 | 6.0 | 22.23 | 13,300 | 10 |
| AS003101V9802 | 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

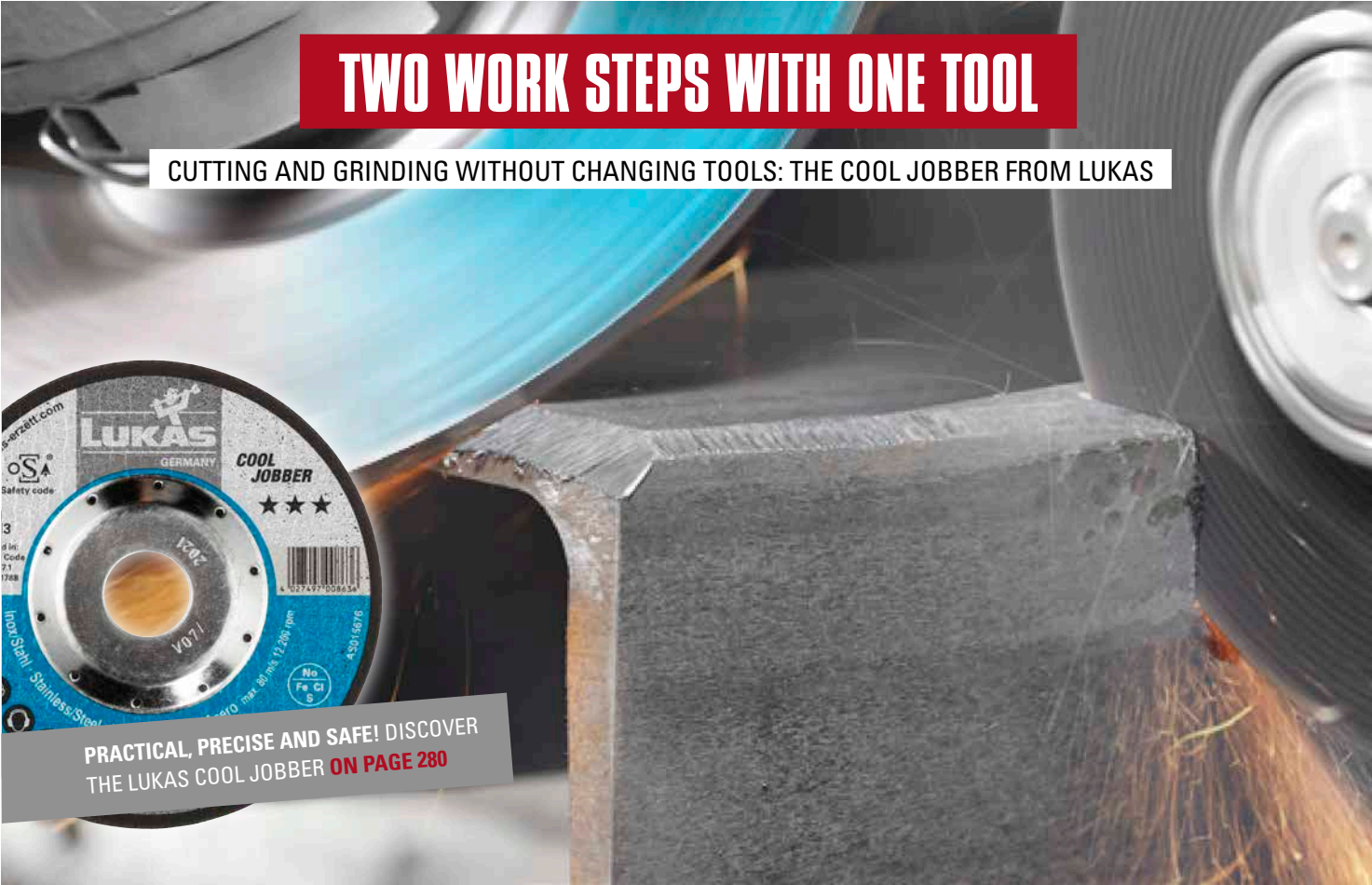
- perfectly suited for grinding a wide variety of stainless steel and steel materials
- free of iron, chlorine and sulphur
- tested quality: high level of safety through regular testing
- precise removal with high speed
- low odour and dust levels in daily use
- allows for ergonomical working with little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



★★☆

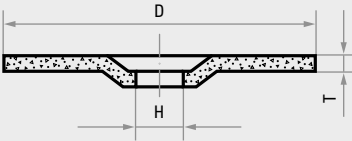
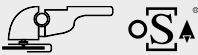
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|-----------------|------|------|-------|----------------------|---------------|
| AS002037V9802 | T27 100x6.0 | A24/30S-BF Inox | 100 | 6.0 | 16.00 | 15,300 | 10 |
| AS000105V980201 | 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



PRACTICAL, PRECISE AND SAFE! DISCOVER THE LUKAS COOL JOBBER **ON PAGE 280**

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 ergonomic working with little use of force

★★★

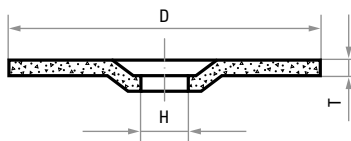
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|---------------|------|------|-------|----------------------|---------------|
| AS012451V9802 | T27 115x7.0 | A24X-BF Steel | 115 | 7.0 | 22.23 | 13,300 | 10 |
| AS012453V9802 | 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



★★☆

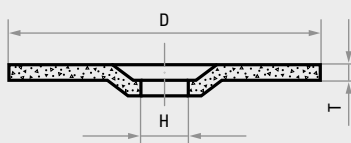
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|------------------|------|------|-------|----------------------|---------------|
| AS001679V9802 | T27 115x6.0 | A24/30T-BF Steel | 115 | 6.0 | 22.23 | 13,300 | 10 |
| AS001710V9802 | 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 |
| AS115072V980201 | T27 115x7.2 | A24/30S-BF Steel | 115 | 7.2 | 22.23 | 13,300 | 10 NEW |
| 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 |
| AS002920V9802 | T27 150x4.0 | A24/30S-BF Steel | 150 | 4.0 | 22.23 | 10,200 | 10 NEW |
| 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 |
| AS180072V980201 | T27 180x7.2 | A24/30S-BF Steel | 180 | 7.2 | 22.23 | 8,500 | 10 NEW |
| 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"

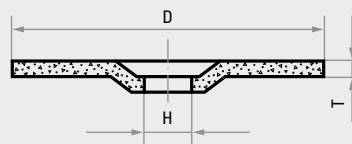
The major advantage of this grinding disc is that the "smearing" effect can be avoided. When machining pure aluminium and soft alloys, soft chips can stick to the aluminium edges if the tool is not designed specifically for this purpose. However, LUKAS grinding discs were developed and tested for aluminium. 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.



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

★★☆

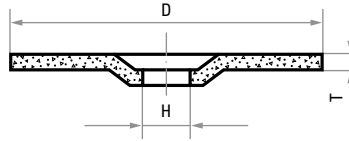
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------|-------------|------|------|-------|----------------------|---------------|
| AS001708V9802 | T27 125x7.0 | A24N-BF Alu | 125 | 7.0 | 22.23 | 12,200 | 10 |

Recommended for: ● Aluminium



Grinding disc for machining stone

- 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



★★☆

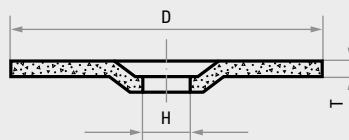
| Product number | Description | Quality | D mm | T mm | H mm | n _{max} rpm | Pack contains |
|-----------------|-------------|---------------|------|------|-------|----------------------|---------------|
| AS115060V980201 | T27 115x6.0 | C24R-BF Stone | 115 | 6.0 | 22.23 | 13,300 | 10 |
| AS125060V980201 | 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



Grinding disc for machining cast material

- 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

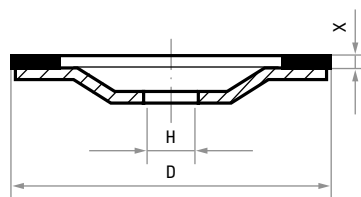


★★☆

| 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 |
| AS180070V980201 | T27 180x7.0 | ZA24R-BF Cast | 180 | 7.0 | 22.23 | 8,500 | 10 |
| AS000499V9802 | T27 230x4.8 | ZAC24R-BF Cast | 230 | 4.8 | 22.23 | 6,600 | 10 |
| AS001812V980201 | T27 230x6.0 | ZA24R-BF Cast | 230 | 6.0 | 22.23 | 6,600 | 10 |

Recommended for: ● Cast material

S6 diamond cup wheel



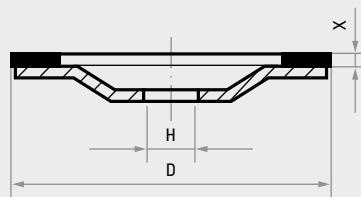
★★☆

- 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

S5 diamond cup wheel



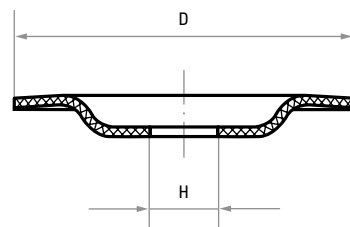
★☆☆

- 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

NEW VVDS diamond grinding disc



★★☆

- for removing paint, adhesive and mortar

| Product number | Description | D mm | H mm | n _{max} rpm | Pack contains |
|----------------|-------------------------------|------|-------|----------------------|---------------|
| A7402125000001 | VVDS 125 flat diamond coating | 125 | 22.23 | 12,200 | 1 |
| A7402180000001 | VVDS 180 flat diamond coating | 300 | 22.23 | 8,500 | 1 |

Recommended for: ● Stone ● Plastic

FROM ANIMAL HOOVES TO MACHINING STONE

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

Tungsten carbide granulate-tipped tools (HGW) 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

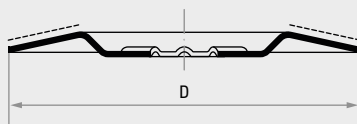
Coarse grit is suitable for machining soft materials. **The harder the material, the finer the required grit.** The LUKAS tungsten carbide granulate-tipped flap disc can be used for many applications. It can be used to roughen rubber (e.g. when repairing conveyor belts), remove residues from cladding 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



- 7.1 Coarse fleece
- 7.2 Brushes
- 7.3 Rolls and sheets

CLEANING

317/318
319–325
326–328



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

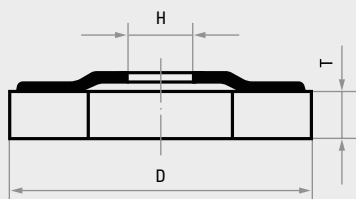
- low heat generation
- operation at low grinding pressure possible
- no clogging
- no damage to workpieces

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

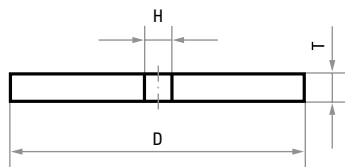


| Product number | Description | D mm | T mm | H mm | n recomm. rpm | n max. rpm | Pack contains |
|----------------|-------------|---------|---------|---------|------------------|---------------|------------------|
| A270111500114 | ASVT 115 | 115 | 13 | 22.23 | 5,300 | 10,500 | 10 |
| A270112500114 | 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 259**

ASVS grinding disc

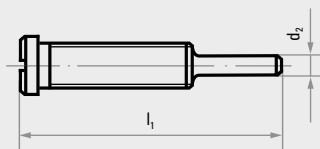


- grinding disc for flexible shaft grinders or drilling machines
- the all-rounder for removing paint and adhesive residue, as well as rust removal, cleaning and polishing a wide variety of surface materials
- made of resilient materials for a long service life, high removal performance and fast operation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

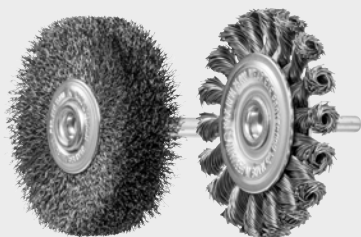
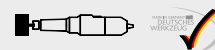
Technical brushes are manufactured according to a rigorous quality control (according to EN 1083-2). However, it is always advisable to wear safety clothing when working with technical brushes.



FLEXIBLE MACHINING OF THE MOST COMPLEX CONTOURS

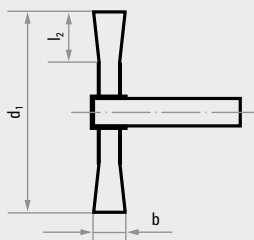
CLEANING METAL SURFACES WITH LUKAS HIGH QUALITY STEEL WIRE

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

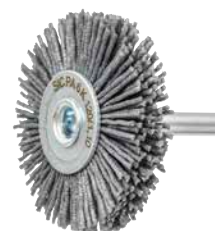
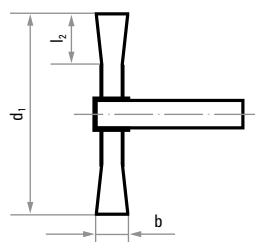
★★☆

| 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



★★☆

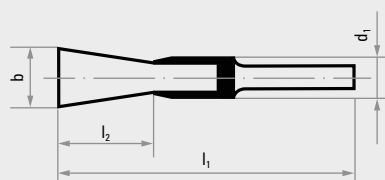
| Product number | Description | Type | d ₁ mm | b mm | l ₂ mm | n _{max} rpm | Pack contains |
|----------------|-------------|--------|----------------------|---------|----------------------|-------------------------|------------------|
| A350105010048 | BSNG 05010 | coarse | 50 | 10 | 12 | 15,000 | 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

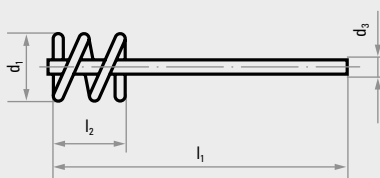
| | | | | | | | | | | |
|---------------|------------|-----------|---------|----|----|----|----|------|--------|----|
| A351101006 | BPVW 01020 | stainless | crimped | 10 | 10 | 20 | 60 | 0.3 | 20,000 | 10 |
| A351101506 | BPVW 01725 | stainless | crimped | 16 | 17 | 22 | 65 | 0.3 | 20,000 | 10 |
| A350502029232 | 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



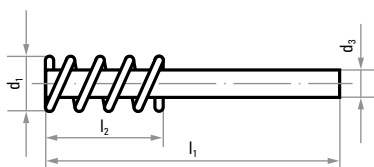
★★☆

- 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

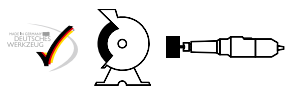


★★☆

- 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

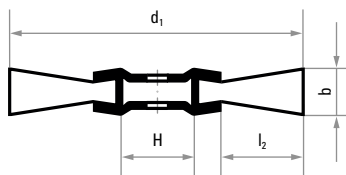
| Product number | Description | Material | d ₁ mm | l ₂ mm | d ₃ mm | l ₁ mm | Wire Ø mm | n _{max} rpm | Pack contains |
|----------------|-------------|----------|----------------------|----------------------|----------------------|----------------------|--------------|-------------------------|------------------|
| 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"

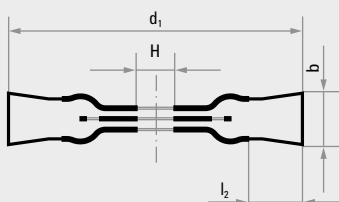
★★☆

| 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: ● Steel ● Cast material | | | | | | | | | | |
| A350315023213 | BRVW 15023 | stainless | crimped | 150 | 23 | 50 | 33 | 0.3 | 6,000 | 1 |
| Recommended for: ● Inox/Steel ● Steel ● Titanium | | | | | | | | | | |



BR wheel brush, knotted

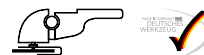
- designed for extreme brush requirements
- can be used on commercially available angle grinders
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal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



★★☆

| 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: ● Steel ● 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: ● Inox/Steel ● Steel ● Titanium | | | | | | | | | | |

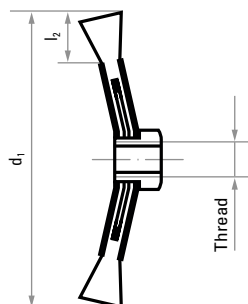
BK conical brush



crimped

knotted

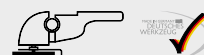
★★☆



- 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.

| 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 | | | | | | | | | | |

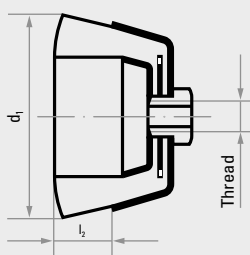
BTG cup brush



crimped

knotted

★★☆

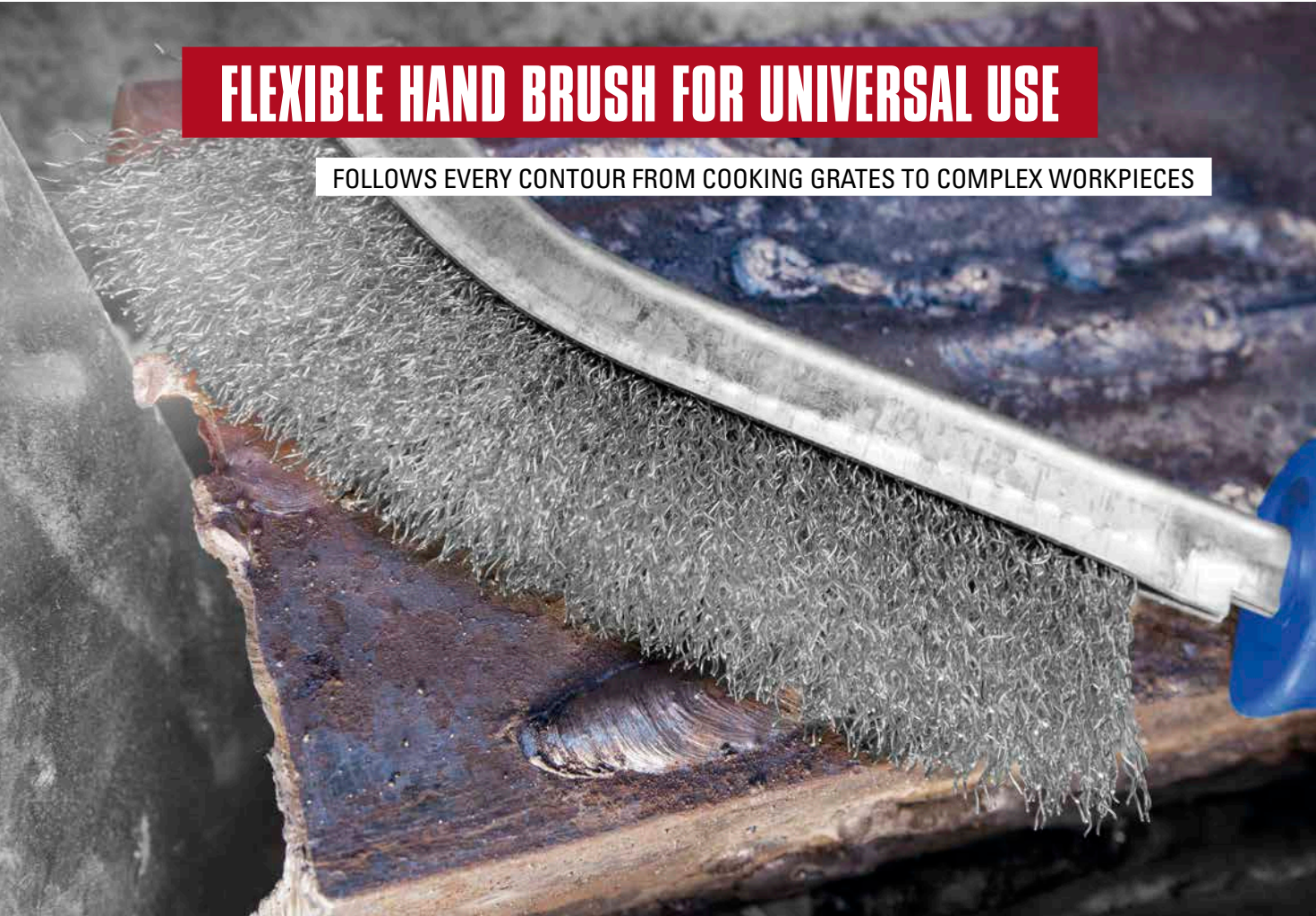


- with practical M14 thread
- for deburring, descaling, derusting, surface cleaning, roughening and paint stripping
- made of high-quality steel wire with high tensile strength
- "Stainless" quality is used where residues from normal steel wire would impair surfaces such as stainless steel, aluminium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

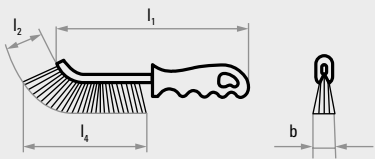
| Product number | Description | Material | Type | d ₁ mm | l ₂ mm | Thread | Wire Ø mm | n _{max} rpm | Pack contains |
|--|--------------|-----------|---------|----------------------|----------------------|--------|--------------|-------------------------|------------------|
| A350406020114 | BTSW 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 | BTWV 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



- 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.



BHU, hand brushes for universal use



steel

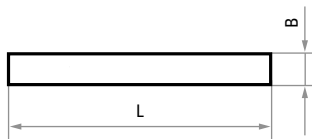


stainless

★★★☆☆

| 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 | | | | | | | | |

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 |
| NEW A7821150180 | SPR 150 | SIC 180 | 150 | 50 | 1 |
| NEW A78211504000003 | SPR 150 | SIC 400 J-Flex | 150 | 50 | 1 |
| NEW A7821305080 | SPR 305 | NK 80 | 305 | 50 | 1 |
| NEW A7821305100 | SPR 305 | NK 100 | 305 | 50 | 1 |
| NEW A7821305120 | SPR 305 | NK 120 | 305 | 50 | 1 |
| NEW A7821305150 | SPR 305 | NK 150 | 305 | 50 | 1 |
| NEW A7821305220 | SPR 305 | NK 220 | 305 | 50 | 1 |
| NEW A7821305240 | SPR 305 | NK 240 | 305 | 50 | 1 |

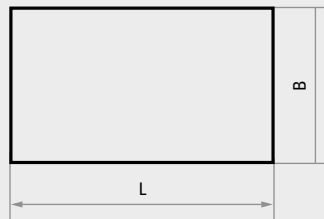
Recommended for: ● Inox/Steel ● Steel ● Aluminium ● Cast material ● Plastic/Wood ● Titanium

PERFECT SURFACES

USE LUKAS SHEETS OF ABRASIVE CLOTH FOR MANUAL OPTIMISATION



SLB sheets of abrasive cloth



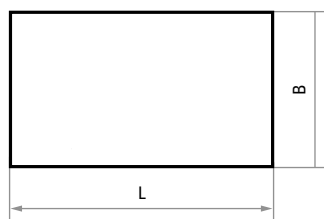
- for practical manual reworking
- LUKAS sheets of abrasive cloth with their excellent grinding properties help you to optimise manual grinding tasks.

★★☆

| 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

SVB fleece pads

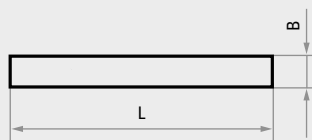


★★☆

- 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 | | | | | | |

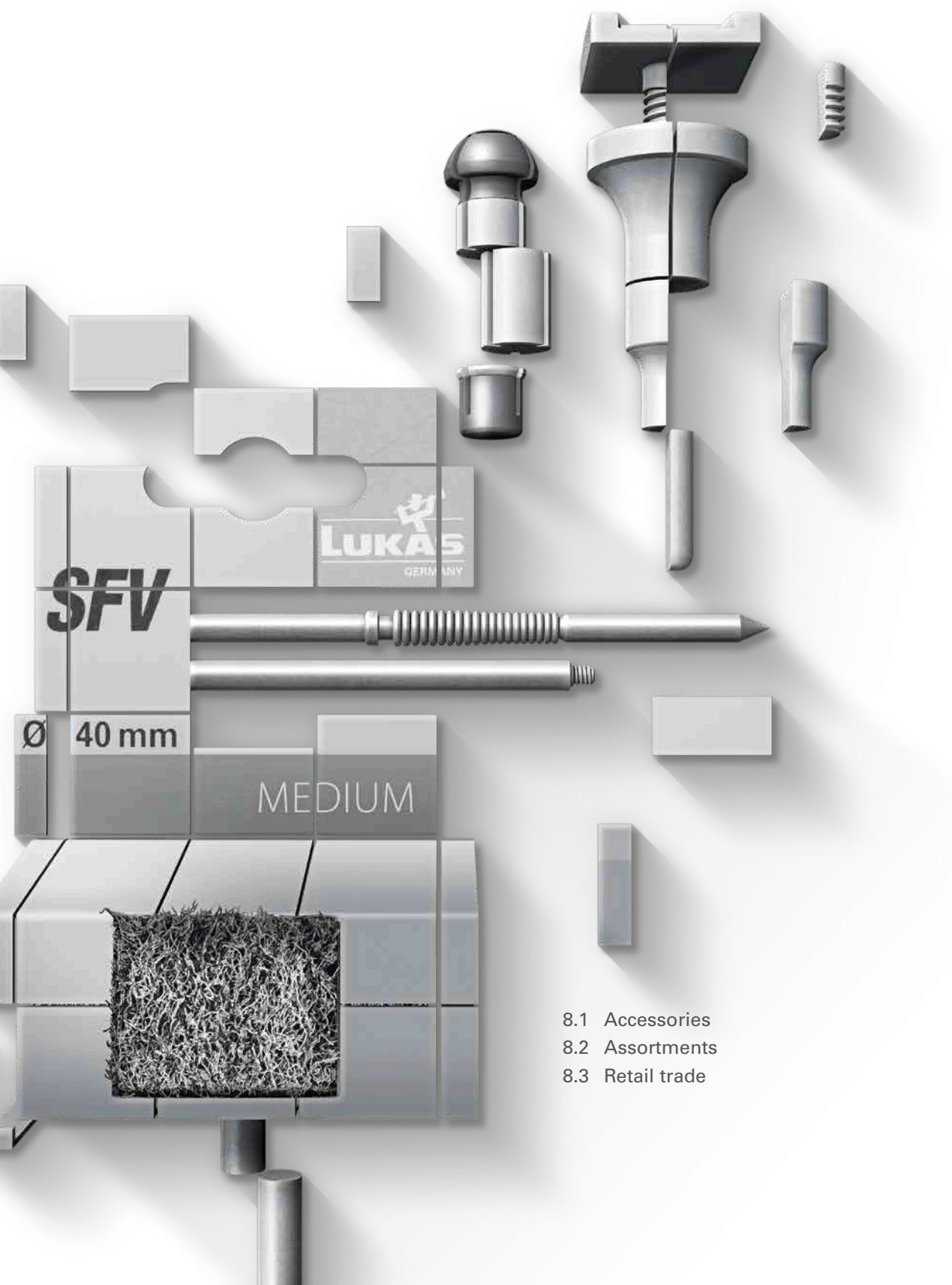
SVR fleece roll



★★☆

- 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 |
|--|------------------|-------------|----------------|-----------|------------|------------|---------------|
| NEW | A782010001011 | SVR 100 | A coarse | red-brown | 100 | 10 | 1 |
| NEW | A782010001016 | SVR 100 | A medium | red-brown | 100 | 10 | 1 |
| NEW | A782010001012 | SVR 100 | A fine | red-brown | 100 | 10 | 1 |
| NEW | A782010001013001 | SVR 100 | A XS very fine | red-brown | 100 | 10 | 1 |
| NEW | A782011501016 | SVR 100 | A medium | red-brown | 115 | 10 | 1 |
| | A382011501012 | SVR 115 | A fine | green | 115 | 10 | 1 |
| | A382011501013 | SVR 115 | A very fine | red-brown | 115 | 10 | 1 |
| NEW | A782011501013002 | SVR 115 | A XS very fine | red-brown | 115 | 10 | 1 |
| Recommended for: <div><div></div>Inox/Steel</div> <div><div></div>Steel</div> <div><div></div>Aluminium</div> <div><div></div>Cast material</div> <div><div></div>Plastic /Wood</div> <div><div></div>Titanium</div> | | | | | | | |
| | A382011501024 | SVR 115 | C ultra fine | grey | 115 | 10 | 1 |
| NEW | A782010001017 | SVR 100 | S ultra fine | grey | 100 | 10 | 1 |
| NEW | A782015001023 | SVR 150 | C very fine | grey | 150 | 10 | 1 |
| Recommended for: <div><div></div>Inox/Steel</div> <div><div></div>Steel</div> <div><div></div>Aluminium</div> <div><div></div>Cast material</div> <div><div></div>Plastic /Wood</div> <div><div></div>Titanium</div> | | | | | | | |

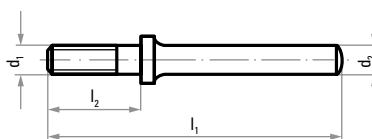


ACCESSORIES AND RETAIL TRADE

- 8.1 Accessories
- 8.2 Assortments
- 8.3 Retail trade

330–333
334–338
339–343

Arbors for felt polishing wheels



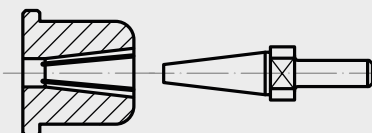
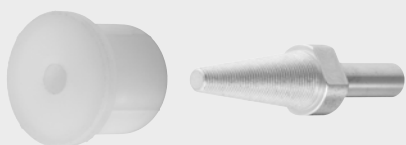
★★☆

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

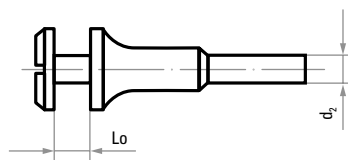
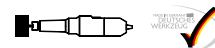


★★☆

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

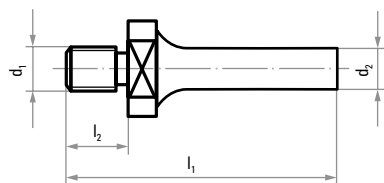


★★☆

| 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 |

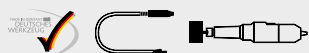


Arbors for tools with an internal thread

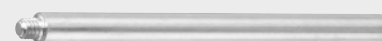
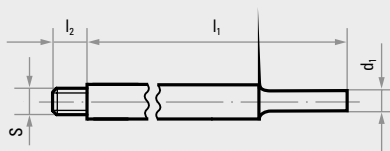


★★☆

| 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



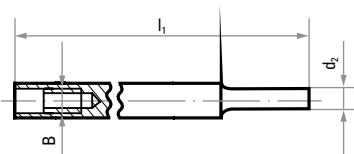
► only for use with the LUKAS mounted flap wheels on **page 204**

★★☆

| 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

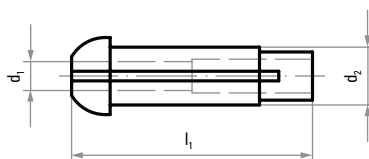
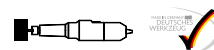


► only for use with the LUKAS mounted flap wheels on **page 205**

★★☆

| Product number | Description | Tool holder | d ₂ mm | l ₁ mm | B Thread | Pack contains |
|----------------|-------------|-----------------------|----------------------|----------------------|-------------|------------------|
| A36300518 | WADA 05 | only for SFA M5 | 6 | 100 | M5 | 1 |
| A563001030571 | WADA 06 | only for SFA M6 | 6 | 50 | M6 | 1 NEW |
| A36300821 | WADA 08 | Universal tool holder | 8 | 130 | M8 | 1 NEW |

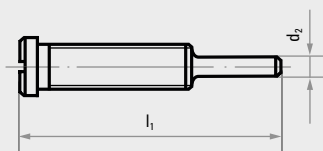
Reducing bush



★★☆

| 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 |

ASB mounting arbor

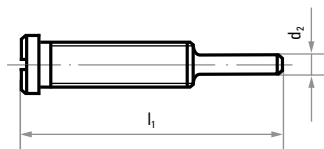


★★☆

- mounting arbor for ASVS grinding discs
- Perfect dimensional stability: fits perfectly in 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 |
|----------------|-------------|--------|----------------------|----------------------|------------------|
| A1610021007302 | ASB 08 | M12 | 8 | 60 | 1 |

NEW Tool holder for small discs



★★☆

- for mounting small grinding discs

| Product number | Description | Disc holder | d ₁ mm | d ₂ mm | Pack contains |
|----------------|-------------|-------------|----------------------|----------------------|------------------|
| A6982003005 | Mandrell 05 | 3b | 5 | 3 | 1 |
| A6982003008 | Mandrel 08 | 4b | 8 | 3 | 1 |

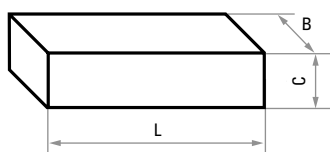


Sharpening stones

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 |
|--|------------------|--------------------------------|---------|---------|---------|------------------|
| A204300000118 | RU 1 | SICGR 60 O V23/green=fine | 50 | 25 | 15 | 5 |
| A204300000122 | RU 1 | SICGR 24 O V23/dark=coarse | 50 | 25 | 15 | 5 |
| A204300000218 | RU 2 | SICGR 60 O V23/green=fine | 100 | 30 | 15 | 5 |
| A204300000222 | RU 2 | SICGR 24 O V23/dark=coarse | 100 | 30 | 15 | 5 |
| A204300000318 | RU 3 | SICGR 60 O V23/green=fine | 100 | 50 | 25 | 5 |
| A204300000322 | RU 3 | SICGR 24 O V23/dark=coarse | 100 | 50 | 25 | 5 |
| A204300000418 | RU 4 | SICGR 60 O V23/green=fine | 150 | 50 | 25 | 5 |
| A204300000422 | RU 4 | SICGR 24 O V23/dark=coarse | 150 | 50 | 25 | 5 |
| A6043200502522010 | RU 200 x 50 x 25 | SICDKL20 / SICDKL80 (P/QU V27) | 200 | 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 |
| A6043150131312 | RU 150 x 13 x 13 | EKWBR 180 LV7 | 150 | 13 | 13 | 20 |
| A60430130615008 | RU 150 x 13 x 6 | EKW 100 JOT V4 | 150 | 13 | 6 | 50 |
| A6043150130702 | RU 150 x 13 x 7 | EKR 80 JOT V1 | 150 | 13 | 7 | 100 |
| A6043150251037 | RU 150 x 25 x 10 | HKD 120 D (10) V1 | 150 | 25 | 10 | 25 |
| A6043150251508001 | RU 150 x 25 x 15 | EKW 150 HV4 | 150 | 25 | 15 | 50 |
| A6043150251518003 | RU 150 x 25 x 15 | SICGR 80 DV3 | 150 | 25 | 15 | 5 |
| A6043150252018 | RU 150 x 25 x 20 | SICGR 120 GV3 | 150 | 25 | 20 | 50 |
| A6043150250833 | RU 150 x 25 x 8 | HK 120 EV1 | 150 | 25 | 8 | 25 |
| A6043150502508006 | RU 150 x 50 x 25 | EKW 150 HV4 | 150 | 50 | 25 | 5 |
| A6043150502508012 | RU 150 x 50 x 25 | EKWBR 120 E (9) V40 | 150 | 50 | 25 | 5 |
| A6043150503502 | RU 150 x 50 x 35 | EKR 80/100 DV1 | 150 | 50 | 35 | 5 |
| A6043200502508004 | RU 200 x 50 x 25 | EKW 100 E (7) V1 | 200 | 50 | 25 | 5 |
| A6043200502508014 | RU 200 x 50 x 25 | EKW 180 EV1 | 200 | 50 | 25 | 10 |
| A60430255020037 | RU 200 x 50 x 25 | HKD 120 D (10) V1 | 200 | 50 | 25 | 10 |
| A6043200502522005 | RU 200 x 50 x 25 | SICDKL. 16 NV27 | 200 | 50 | 25 | 5 |
| Recommended for: ● Steel | | | | | | |

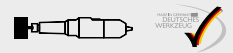
AVAILABLE DIMENSIONS

| 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 |
| | 216 | 78 | 20–35 |
| | 150 | 13 | 5–35 |

► For detailed information about sharpening stones, please refer to **page 111**.

Carbide burr assortments



F10 S3
Z7 Steel



F10 S6
Z7 Steel



Assortment
Z42 Inox/Steel



Assortment
Z9 Alu



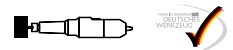
Assortment
Z9 Alu

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

ZX Universal carbide burr assortments



F5 S3 BASE-X

★★☆

- 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

| 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: ● Steel ● Cast material ● Inox/Steel ● Titanium | | | | | | | |



Carbide burr assortment ZX TiAN

NEW


- general tooththing
- longer tool life
- HeavyDuty coating for extreme applications

★☆☆

| Product number | Description | Cut | Shank diameter mm | Content 1 per pack | | | Pack contains |
|--|------------------------------|--------------|-------------------|---|----------------------------|----------------------------|---------------|
| A50390006TIALN | ZX-6 assortment 6-pieceTiAlN | ZX Universal | 6 | 6 parts: HFAS 1225.06 HFM 1020.06 | HFC 0616.06 HFL 1230.06 | HFC 1225.06 HFF 1020.06 | 1 |
| Recommended for: ● Steel ● Cast material ● Inox/Steel ● Titanium | | | | | | | |



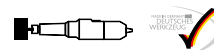
Mould Maker Highlights, 10-piece tool set

NEW


- high-quality tools, especially for mouldmaking
- 5 grinding tools
- 4 polishing tools
- 1 burr

★★☆☆

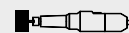
| Product number | Description | Shank mm | Content of the 10-piece set 1 per pack | | | Pack contains |
|---|------------------------|----------|---|---|---|---------------|
| A6048001020001 | Mould Maker Highlights | 6 | ZF1 – ZF3 rotary file SK Ceramic abrasive cap Abrasive cap mandrel Ceramic mounted point SFL Mounted flap wheel SFL Mounted flap wheel P5 polishing point P2 polishing point (DIN 69170) Monocrystalline diamond pastes P3 polishing point | A100106166140001 A21120162150 A250001626 A200001325677 A2200020156060 A2200020056120 A2620013206120 A2610013206280 A3410119310 A3700012206 | HFAS 0616.06 ZF3 SKWR 1626 Ceramic 150 GTWR 1626.06 X 40 hard ZY 1325.06 CERAMIC 46 L V118 SFL 02015.06 NK 60 SFL 02005.06 NK 120 P5ZY 1320.06 GRAIN 120 red P2ZY 1320.06 GRAIN 280 green E-093 6µm (YELLOW) 10g P3ZY 1220.06 H3 | 1 |
| Recommended for: ● Steel ● Inox/Steel | | | | | | |

NEW EasyFinish 3D tool range

★★☆

- put an end to time-consuming finishing work
- four burs for removing support structures – the right variant for every angle
- three mounted points in different shapes that have proven their value and established themselves in toolmaking and mouldmaking
- for fine to gloss polishing of even the smallest surfaces: Three P2 polishing points

| Product number | Description | Toothing/ grit | Shank diameter mm | Set scope | Content per pack | | Pack contains |
|--|------------------------|-----------------|-------------------|-----------|------------------------|----------------------|---------------|
| A103900103 | EasyFinish 3D tool set | EasyFinish 3D | 3 | 10 parts | HFAS 0320 HFD 0605 | HFC 0320 HFA 1602 | 1 |
| | | NDW 100 Qu V115 | | | ZY 0408 WR 1013 | SP 0510 | |
| | | K120 | | | P2ZY 0610 P2KU 1010 | P2ZY 1010 | |
| Recommended for: <div><div></div> Steel</div> <div><div></div> Inox/Steel</div> <div><div></div> Aluminium</div> <div><div></div> Plastic/Wood</div> | | | | | | | |

HSS burr 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

★★☆

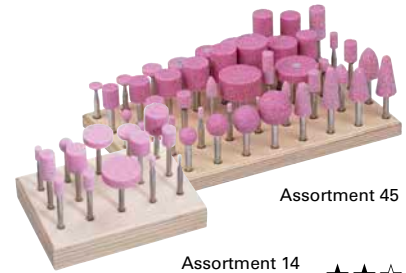
| Product number | Description | Quality | Shank diameter mm | Content per pack | Pack contains |
|--|-----------------|---------|-------------------|---|--|
| A1239000110 | Set MF Z5 S3 | Z5 | 3 | 10 parts: MF 807 MF 845 MF 864 MF 874 | MF 813 MF 850 MF 866 MF 841 MF 853 MF 872 |
| A12390003 | Set MF Z3 S6 | Z3 | 6 | 10 parts: MFA 0616 MFD 0403 MFG 1230 MFM 0618 | MFA 1225 MFD 1210 MFG 1230 MFC 1225 MFE 1220 MFK 0620 |
| A12390004 | Set MF Z3/Z5 S6 | 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 1225 MFD 1210 MFG 1220 MFL 1630 MFN 1213 |
| NEW A523900101 | Set MF Z3 S6 | Z3 | 6 | 10 parts: MFNS 1230 MFA 1013 MFH 1230 MFE 1625 | MFAS 1625 MFL 1020 MFL 1630 MFD 1614 MFM 1020 MFG 1630 |
| 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



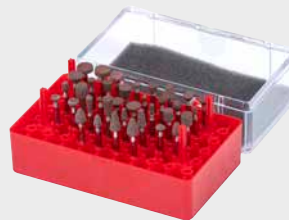
| Product number | Description | Quality | Shank diameter mm | Content per pack | Pack contains |
|----------------|---------------|---------|-------------------|--|---------------|
| A204700001402 | Assortment 14 | EKR | 3 x 30 | 14 parts: ZY 0205 ZY 0306 ZY 0408 ZY 0510 ZY 0610 ZY 0810 ZY 0816 ZY 1010 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



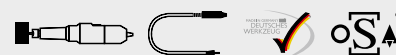
★★★

- 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: <input type="radio"/> Steel | | | | | | | |

Group P1 polishing point 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: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input type="radio"/> Cast material <input type="radio"/> Titanium | | | | | | | |

Assortment of small soft elastomer polishing points



★★☆

- The small polishing points have a shank diameter of 2.35 mm.

| Product number | Description | Quality | Content | Shank mm | Pack contains |
|---|------------------|-----------|----------|----------|---------------|
| A29551301582077 | P7Sort. 130-158M | SICGR 240 | 12 parts | 2,35 | 1 |
| Recommended for: <input checked="" type="radio"/> Inox/Steel <input type="radio"/> Steel <input type="radio"/> Aluminium <input type="radio"/> Cast material <input type="radio"/> 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.



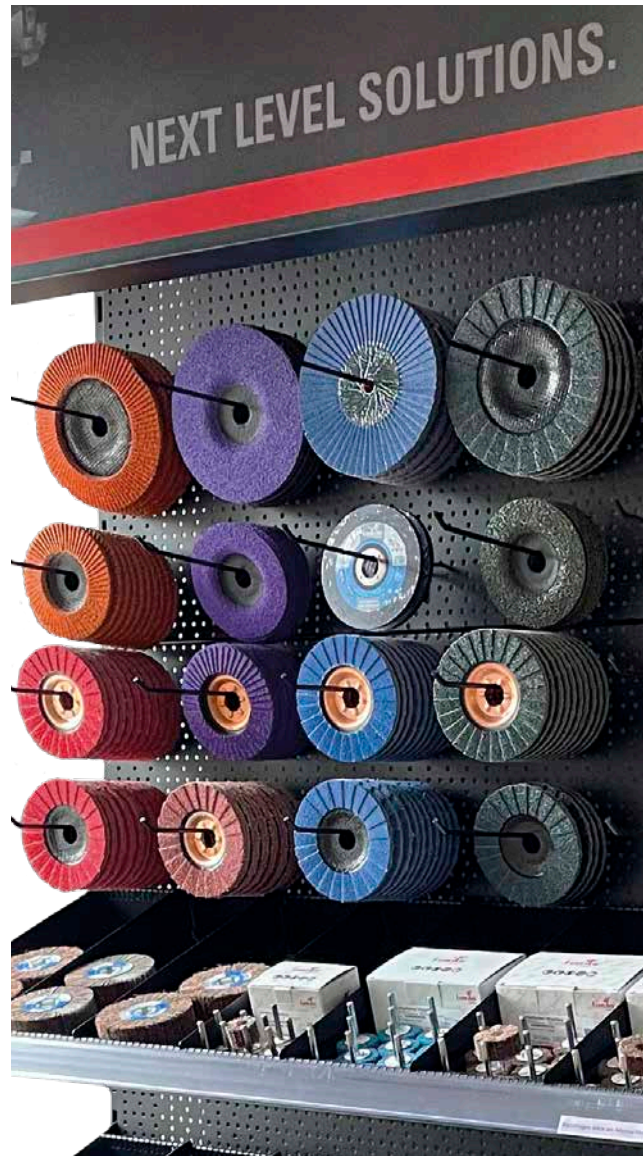
**GET IN TOUCH WITH YOUR
CONTACT PARTNER NOW FOR
MORE INFORMATION AND AN
ATTRACTIVE PRICE OFFER!**

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.



PRODUCT INFORMATION

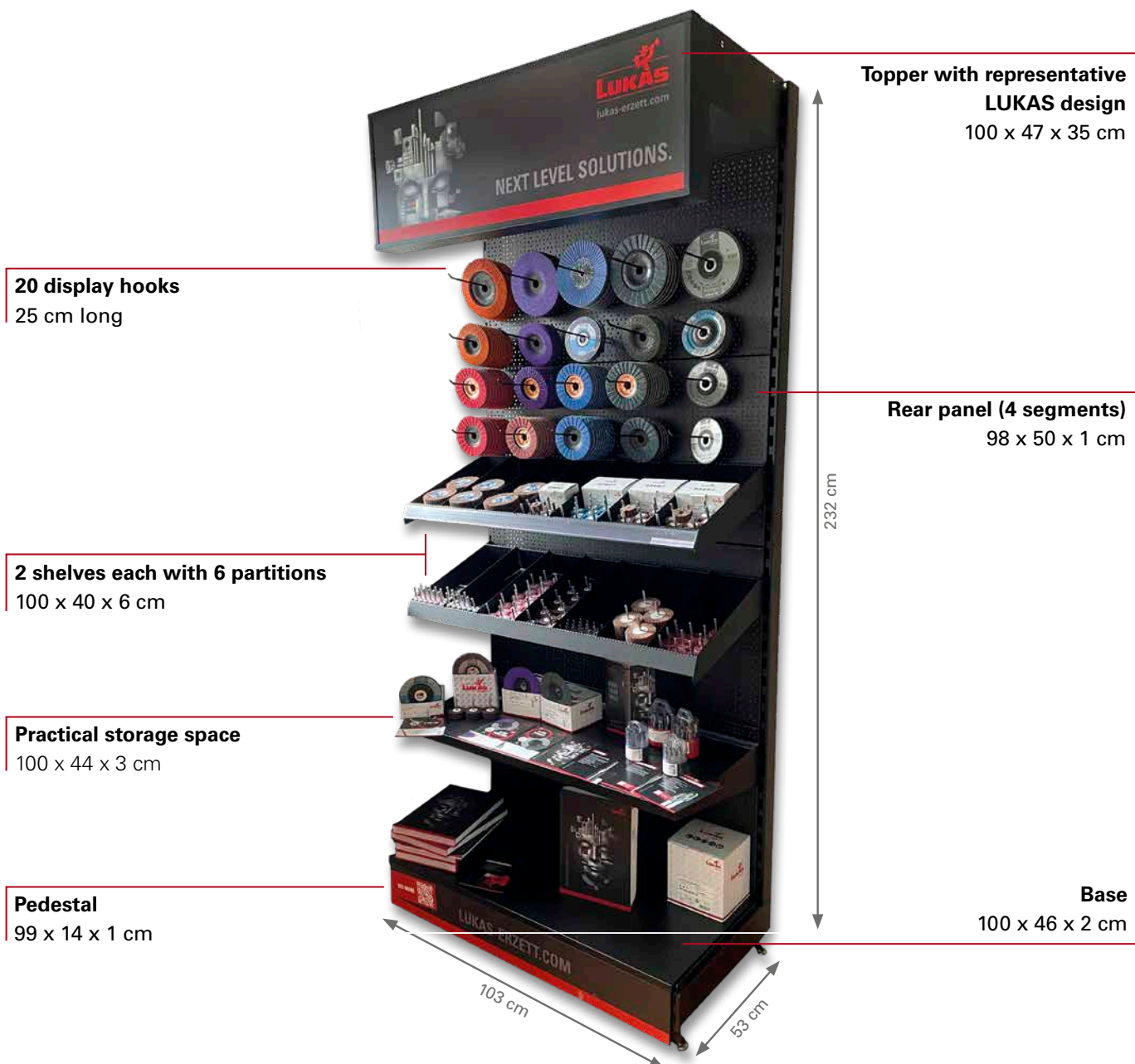
Showcase LUKAS products to ideal effect with the modular POS system!

We offer you, as a specialist retailer, a practical and representative point of sale system for presenting your LUKAS products in a personalised manner and to promote sales.

Our sales-promoting product presenter helps you to optimise your retail space and is ideal for boosting your sales.

Together we achieve the best possible presentation of LUKAS products – adapted to your individual requirements.

You can find more information on the next page. Get in touch with us at any time for professional advice!



Initial stock for an attractive tool presentation

Get the initial stock set now! Benefit from a diverse range of LUKAS tools. From abrasive flap discs to burrs and from bestsellers to innovations – everything is included so that you can equip your LUKAS product presenter in the best possible way and offer your customers an ideal selection of tools. **Scan the QR code now and go directly to the product range overview.**





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

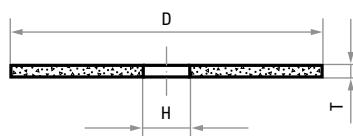
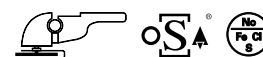
- top results with regular aluminium oxide, on structural steel, when rough grinding and finishing
- 5 different shapes for fast tool changes, in specialist retail packaging
- extremely hard and sharp for an impressively long tool life
- also machines hard materials efficiently



★★☆

| 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 | | | | | |

3-star cutting disc set



The practical packaging for construction sites etc.

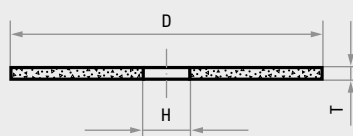
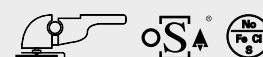
- cutting disc in metal box
- securely packaged
- protected from moisture

★★★

| 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.

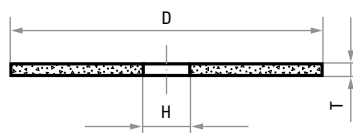
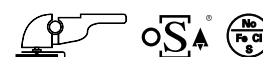
- cutting disc in metal box
- securely packaged
- protected from moisture

★★☆

| 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

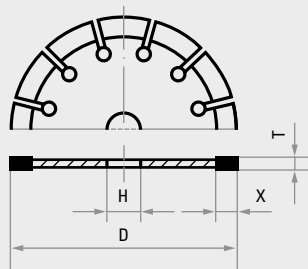
IDEAL FOR USE ON CONSTRUCTION SITES

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 **NEW**



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



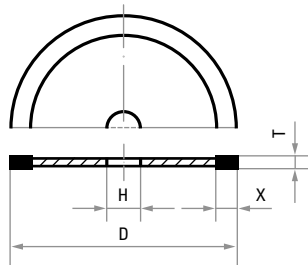
★☆☆

| Product number | Description | D mm | Segment height X mm | Segment width T mm | H mm | n _{max} rpm | Pack contains |
|------------------|---------------|------|---------------------|--------------------|-------|----------------------|---------------|
| A345241151120085 | Blue Cut+ S10 | 115 | 10 | 2.0 | 22.23 | 13,300 | 1 |
| A345241251120095 | Blue Cut+ S10 | 125 | 10 | 2.0 | 22.23 | 12,200 | 1 |
| A345241501120125 | Blue Cut+ S10 | 150 | 10 | 2.2 | 22.23 | 10,200 | 1 |
| A345242301120165 | 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

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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 our 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 the 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. For deliveries within the EU the minimum order value is 250 EUR. For deliveries outside the EU the minimum order value is 750 EUR. At orders below the minimum order value a handling surcharge of 50 EUR will be charged.
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 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://www.lukas-erzett.com/en/footer-navigation/privacy-note-gdpr.html> / 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.

XII. 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 provision 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: July 2021

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

For deliveries within the EU the minimum order value is 250 EUR. For deliveries outside the EU the minimum order value is 750 EUR. At orders below the minimum order value a handling surcharge of 50 EUR will be charged.

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.

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.

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



Do not use for wet grinding



Do not use for face grinding



Do not use if damaged

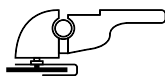


Do not use with hand-held grinding machine

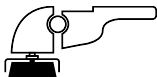
POWER TOOLS



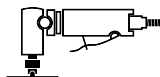
Straight grinder



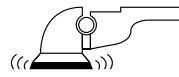
Hand-held angle grinder



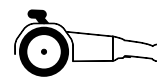
Free-hand angle grinder with special protection cover



Pneumatic angle grinder



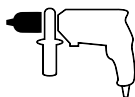
Rotary sander



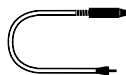
Conditioning machine



Bench grinder



Drilling machine



Flexible shaft grinder



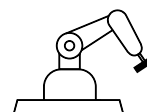
Bench cut-off machine



Petrol cut-off machine



Manual use



Robot systems

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

● Steel

● Aluminium

● Stone/
Construction material

● Cast material

● Plastic/Wood

● Titanium

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

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