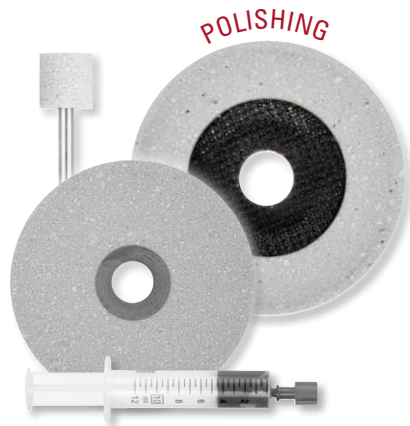


PRODUCT HIGHLIGHTS FOR 2019

INNOVATIONS AND FOCUS



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ALWAYS THE RIGHT TOOL.

OPTIMUM AVAILABILITY • BROAD RANGE OF PRODUCTS
CUSTOM PRODUCTION

700
EMPLOYEES

YOU ALREADY HOLD THE FUTURE IN YOUR HANDS TODAY.

LUKAS has been manufacturing leading-edge tools for over 80 years. We know that new challenges call for new solutions – so that's exactly what we're working on every day. Our claim is to combine quality and safety with future-oriented answers to new developments in different industries. This focus gave us the lead early in the market and still does to this day.

GRINDING •

30 000
CUSTOMERS WORLD-WIDE

FIRMLY ESTABLISHED IN THE MARKET.

With about 700 employees, three state-of-the-art production sites, an enormous wealth of experience and a broad product portfolio, LUKAS is well established in the market. Human touch, customer-oriented, flexible and highly innovative.



POLISHING • MILLING • CUTTING • CUSTOMIZED TOOLS

39
REGISTERED
PATENTS

10 000 CUSTOM SOLUTIONS AND NUMEROUS
INNOVATIONS IN USE GLOBALLY

TOP-LEVEL QUALITY.

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

SPECIALIST FOR INNOVATIVE SOLUTIONS.

Today we are the internationally recognized specialist for innovative solutions and the production of high-performance tools. Even if standard solutions don't fit your specific applications: We develop individual solutions to every problem to make sure that not only our products, but especially yours, are orientated towards the future.

4 500 PRODUCTS READY
FOR SHIPMENT
WITHIN 48 HOURS

8 000

SQUARE METERS OF LOGISTICS AREA



FAST, FLEXIBLE AND ON TIME.

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

WE SHARE OUR KNOWLEDGE.

Visit our TECHNIKUM – where you can get hands-on with our expertise. 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.

Make the most of our "mobile TECHNIKUM", too. The LUKAS van contains everything you need for a professional tool seminar. Why not use the LUKAS van for a time-saving staff training session at your own premises?

WE WELCOME
JUST UNDER

200

PARTICIPANTS TO OUR
SEMINARS ANNUALLY

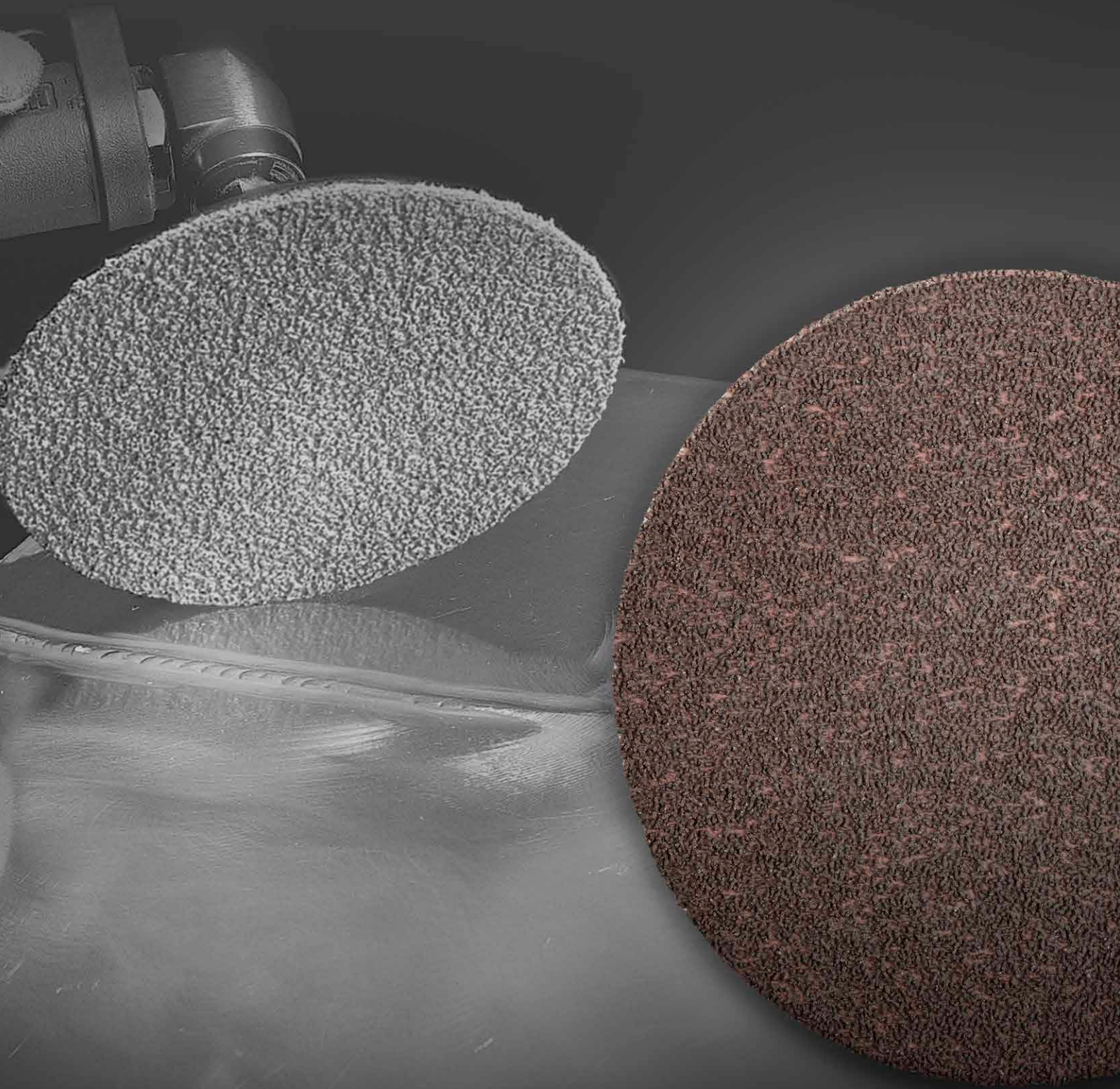
NEW PRODUCTS

OUR LATEST DEVELOPMENTS
AND INNOVATIONS



PSH CG ABRASIVE DISCS

FAST TOOL CHANGE AND ALWAYS NEW SHARP GRINDING PARTICLES



FAST FINISHING AND FAST CHANGING FOR HIGH PRODUCTIVITY.

These abrasive discs combine impressively fast finishing with high process reliability. This is made possible by the compact grain with the self-dressing effect: Worn abrasive particles are replaced by new ones. As a result, the abrasive surface remains effective for a long time.

VERSATILE AND EASY TO USE

The PSH CG abrasive discs are suitable for machining both straight and concave surfaces. Thanks to the compact grain, grinding is carried out quickly, without excessive force and with fewer tool changes than with ordinary abrasive materials. In addition, with this abrasive disc the surface temperature remains low and the abrasive surface does not become clogged thanks to the open distribution of the compact grain – even with difficult materials, allowing larger areas to be easily machined.

THE ABRASIVE DISC WITH INTEGRATED SELF-DRESSING EFFECT

Worn abrasive particles are immediately replaced with new ones on these abrasive discs. This is made possible by the special abrasive layer. The compact grain consists of several small abrasive particles glued to each other. During grinding, worn particles break off, exposing new abrasive particles with fresh, sharp cutting edges. That's why the PSH CG achieves extraordinarily high service life and enables prolonged working activity working without changing the abrasive disc.

EASY GRINDING ON STANDARD TOOLS

The PSH CG abrasive discs can be used on variable speed angle grinders and standard eccentric grinders. The type GTHX, which is intended for series PSH self-fixing abrasive discs, is suitable as an abrasive disc carrier. For these abrasive discs are provided with a self-fixing Velcro fabric on the

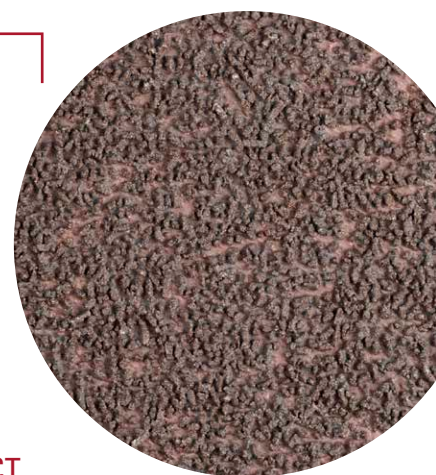
GTHX ABRASIVE DISC CARRIER

The PSH self-fixing abrasive discs are mounted on GTHX abrasive disc carriers provided with a hooked fabric. This enables the PSH abrasive discs to be affixed quickly and simply with the Velcro fabric on the back of the carriers.

LOW SURFACE
TEMPERATURE

COMPACT GRAIN
CONSISTING OF MANY
SMALL ABRASIVE
PARTICLES

INTEGRATED
SELF-DRESSING EFFECT



back, enabling extremely fast, toolless abrasive disc changes. For glossy surfaces, a final grinding step with series P6 tools is recommended.

PRODUCTIVE WORKING IN MANY INDUSTRIES

These abrasive discs are especially well-suited for efficient machining of large metal surfaces. These include the following industries:

- Food industry
- Chemicals and pharmaceuticals
- Medical technology
- Kitchen construction
- Container and apparatus manufacturing
- Automotive engineering
- Aerospace engineering

PRODUCT SPECIFICATIONS **PAGE 52** ►

HZB DRILLS

PRECISE DRILLING IN VERTICALLY-PERFORATED AND AIR BRICKS



PRECISE DRILLING AND SECURE ANCHORING IN BRICK MATERIAL.

The HZB drills with dimensional accuracy in vertically-perforated and air bricks. Chipping and damage on inside bars are a thing of the past with the HZB drills. With suitable anchors, the holding force is increased by up to 200% compared to other drills.

20 TIMES LONGER TOOL LIFE

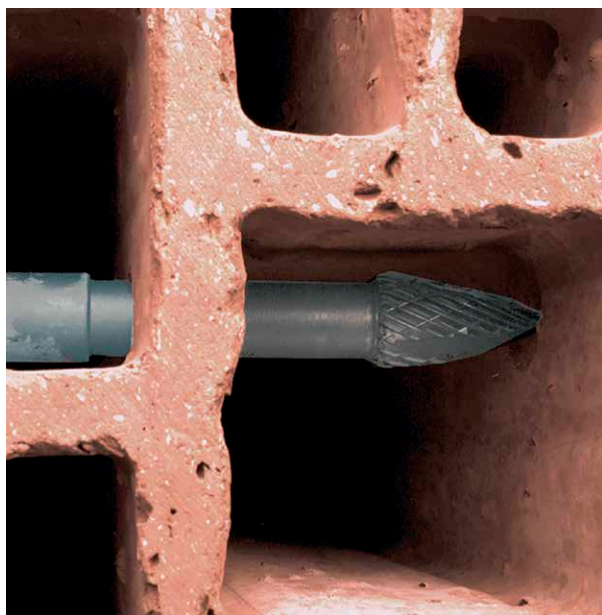


ALL-AROUND TOOL ON CONSTRUCTION SITES

The HZB special drill is the first choice for anchoring components into bricks. Doors, windows and other building elements can easily be mounted with this drill. When anchoring scaffolding, the HZB provides for safety, as it guarantees the best possible hold even in perforated brick. When attaching façade elements, it becomes a problem-solver for problematic, porous walls.

200 %

HIGHER HOLDING FORCE WITH
THE RIGHT ANCHORS



IDEAL FOR DIFFICULT BUILDING MATERIALS

Due to their insulating properties in structural engineering, vertically-perforated and air bricks are one of the most important building materials. With the HZB drill, you can finally easily drill into walls made of these bricks. In contrast to conventional drills, they do not damage the inside bars of the bricks, which otherwise often greatly reduce the hold of the anchors. This drilling tool is also suitable for drilling in glazed tiles.

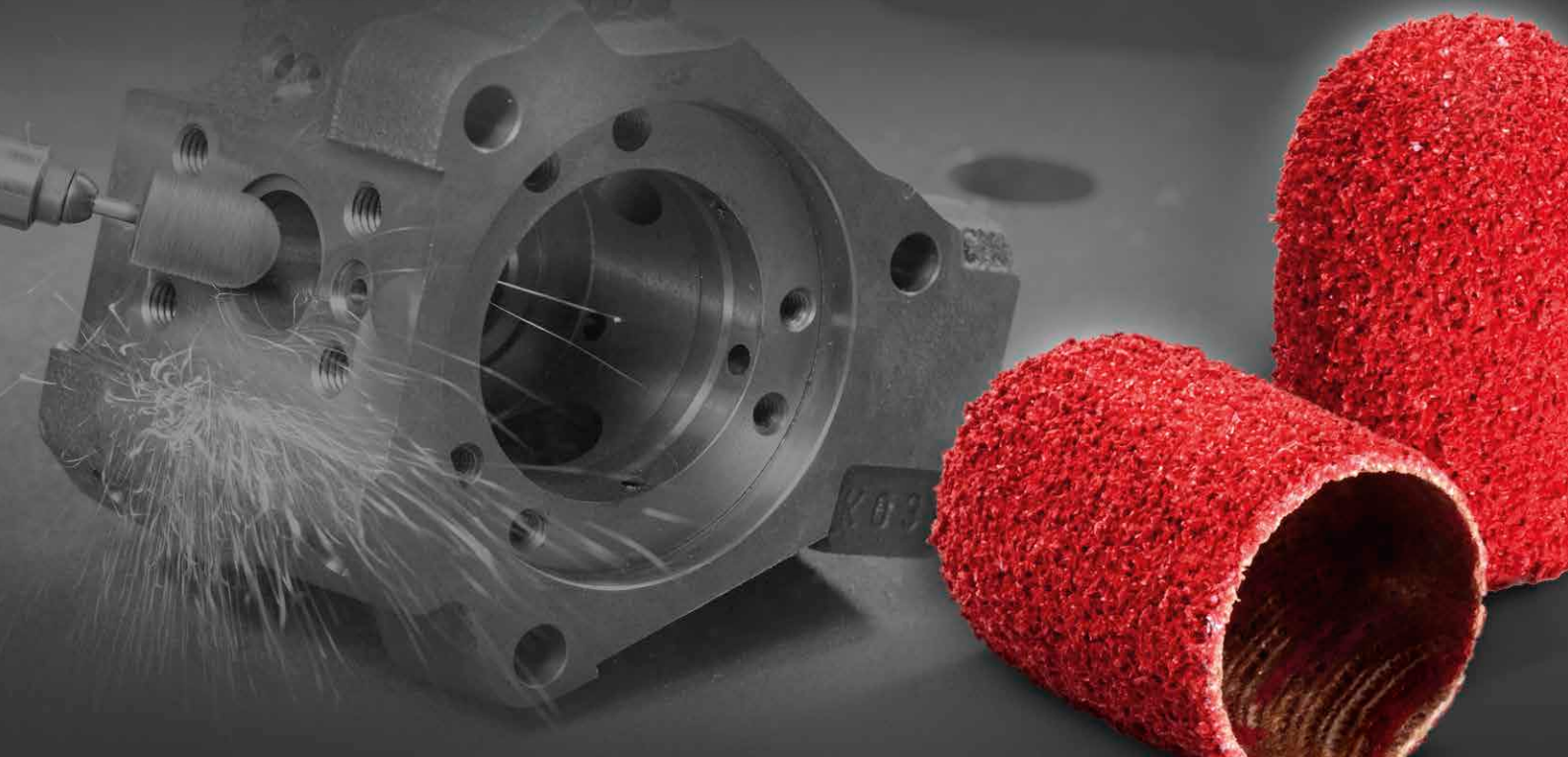
LONG-LIFE AND EASY TO USE

The HZB special drill from LUKAS can be used on any standard electric drill with an SDS-plus drill chuck. When drilling without impact, the drill gently drills into the porous material with its special profile. Manufacturing of tungsten carbide ensures an extraordinarily long tool life of the drill: You can expect an up to 20 times longer tool life compared to ordinary drills when used in perforated bricks.

PRODUCT SPECIFICATIONS **PAGE 36** ►

CERAMIC ABRASIVE CAPS

THE GRINDING TOOL WITH A SELF-DRESSING EFFECT



SELF-DRESSING DUE
TO THE EXPOSED NEW
CUTTING PARTICLE EDGES

THOUSANDS OF VERY
SMALL PARTICLES

EXTREMELY SHARP
CUTTING EDGES

FOR THE HARDEST
SURFACES

GRIND LONGER ON THE HARDEST METALS.

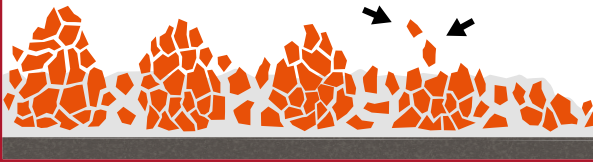
Whether tool steel, cast steel or titanium alloys – the industry machines an increasing amount of extremely hard and tough metals. With the ceramic abrasive cap, now a tool for straight grinders is available that makes machining smaller parts and deburring extremely easy. Thanks to the self-dressing effect, extra-long tool life is an added bonus.

MAXIMUM CUTTING PERFORMANCE

The abrasive caps with ceramic grain were developed for machining demanding materials. Hardened and wear-resistant steels, titanium alloys, weld seams and hard coatings are no longer a problem with these abrasive caps. This aggressive grinding behaviour is retained for a very long time through the self-dressing feature.

THE SELF-DRESSING EFFECT

Already worn abrasive 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.



4 VARIOUS SHAPES AVAILABLE



ALL-AROUND TOOL ON CONSTRUCTION SITES
FOR DEBURRING, GRINDING, ROUNDING AND REGRINDING

PROBLEM-SOLVER FOR MACHINING METAL

The ceramic abrasive caps represent a valuable addition to the tool stock for all industries in which hard metals are machined. These include tool and mould-making and the demanding mechanical engineering, steel construction and aerospace industries.

These abrasive caps are perfect for grinding uneven surfaces, machining small parts, deburring and regrinding narrow radii. The abrasive caps can even be used for stainless steel, as they barely heat up during grinding.

SELF-DRESSING EFFECT REDUCES TOOL COSTS

Thanks to self-dressing, a ceramic abrasive cap can be used for a much longer period of time than ordinary abrasive caps. Tool changes are required much less frequently for straight grinders, reducing tool costs.

NO MORE GLAZING

The abrasive particles integrated in the resin matrix break off when worn and make way for new particles with sharp cutting edges. The dulling known as "glazing" familiar from other grinding tools when machining hard materials does not occur. As a result, the ceramic abrasive cap continues to work like new despite wear.

ABRASIVE CAPS FROM LUKAS AT A GLANCE



UNIVERSAL NK ABRASIVE CAPS

- Universal for machining plastics and non-ferrous metals
- Many other materials

Aluminium | Wood | Composite | Plastic | Rubber



SPECIAL NKS ABRASIVE CAP

- For corrosion and heat-resistant steels
- Increased stock removal capability due to reactive filler in bond

Inox | Steel | Structural steel | Cast material



CERAMIC ABRASIVE CAP

- Self-dressing ceramic grain
- For hardest materials
- Aggressive grinding behaviour
- Long tool life
- For use in tool and mould-making

Titanium | Tool steel

X-LOCK SYSTEM FLAP DISCS

HIGHLY EFFICIENT MOUNTED FLAP DISCS WITH
INNOVATIVE, KEYLESS MOUNTING SYSTEM



Photo: Bosch

MOUNTING GRINDING TOOLS HAS NEVER BEEN SO EASY.

The high-power V2 Power mounted flap disc is the first tool from LUKAS equipped with the new X-Lock mounting system. Flap discs are now simply clicked on. As a result, the outstanding grinding performance is combined with changing the tool in just seconds.

TOOL CHANGE IN NO TIME AT ALL

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 seated. The tool change now only takes a few seconds. There are also no losable parts like clamping nuts and keys. As a result, the tool change is fast and easy.

WIDE FLAPS FOR HIGH GRINDING EFFICIENCY

The V2 Power mounted flap disc features a patented shape and arrangement of the abrasive flaps: Due to the high number of layers, over 70 % of the abrasive particles are located in the outer area of the carrier disc. That ensures excellent utilisation of the abrasive material and a long life of the flap disc. The extraordinarily high removal rates are achieved with the high-performance abrasive cloth and its extremely dense coating with ceramic grain. The base of the flap disc is formed by a flexible glass fibre carrier.

>70 % OF THE ABRASIVE MATERIAL IS LOCATED IN THE OUTER AREA OF THE CARRIER DISC



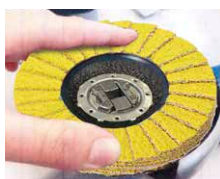
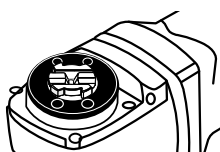
UP TO **6** ABRASIVE LAYERS ARRANGED OVER EACH OTHER

TOOL CHANGE WITH JUST A CLICK

Change abrasive discs with X-LOCK in just seconds.

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

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



APPLICATIONS FOR V2 POWER

The V2 Power mounted flap disc is suitable for deburring, rust removal, finishing, fettling and for weld seam machining.

SLTR ALSO WITH NEW INNOVATIVE SYSTEM

In addition to V2 Power, the proven SLTR from LUKAS is also equipped with the innovative X-Lock system.



CERAMIC CUTTING AND ROUGH GRINDING DISCS



MAXIMUM PERFORMANCE AND COOL CUTTING FOR STAINLESS STEEL.

The cutting and rough grinding discs with ceramic grain are perfectly suited for highly productive machining of steels. Thanks to the fast but cool cutting, machining of Inox is carried out without any blue discolouration whatsoever, and that with an enormous tool life due to the self-dressing effect. In addition, these tools require little application of force when working. The low applied grinding pressure also contributes to low operating temperatures.

EXTREME TOOL LIFE DUE TO SELF-DRESSING EFFECT

The cutting and rough grinding discs consist of ceramic grain that constantly released extremely fine particles in use. When the particles break off due to wear, new, sharp abrasive particles immediately emerge. Thanks to this self-dressing effect, the cutting discs achieve outstanding tool lives.

SHARP CUT WITH LITTLE REWORKING

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 cutting and rough grinding discs – enabling subsequent finishing to be quickly completed. Through their longer tool life due to the self-dressing effect, the tools are also economically convincing.

CUTTING AND ROUGH GRINDING DISCS FOR ALUMINIUM



SOFT LIGHT METALS CAN BE CUT TROUBLE-FREE.

Aluminium and other non-ferrous metals are difficult to machine – especially because they're so soft. However, the Alu cutting and rough grinding discs cut light and non-ferrous metals without interruption. They are not subject to the feared "clogging" of the tool surface.

CUTTING WITHOUT "SMEARING" THE ALUMINIUM

The major advantage of Alu cutting and rough grinding discs lies in the avoidance of the effect known as "smearing". When machining pure aluminium and soft alloys, soft chips can stick to the cutting edges – if a tool not optimised for aluminium is used. However, our cutting and rough grinding discs were developed and tested for aluminium. The special combination of abrasive grain and bonding agent reliably prevents this undesirable effect.

CAN BE USED ON STANDARD TOOLS

The Alu cutting and rough grinding discs can be used on the common angle grinders. They are available in various sizes. This enables light metals to be machined easily and above all with a high level of productivity.

PRODUCT SPECIFICATIONS **PAGE 39/40** ►

SMALL CUTTING DISCS



PRECISION WORK WITH SMALL DISCS.

Due to the small dimensions, you can reach hard-to-access areas on workpieces with these small cutting discs. Here a major advantage proves to be the narrow width down to below one millimetre: The stock removal is low, enabling sensitive machining of small parts. The 3 mm thick discs can be used for grinding out imperfections and for machining surfaces.

PERFECT FOR STAINLESS STEEL

Due to their low temperature development, the small cutting discs are well-suited for both steel and stainless steel. Like many other discs from LUKAS, the small cutting discs are free of iron, chlorine and sulphur. As a result, the machined surfaces do not oxidise and show their high gloss without restrictions.

SAFETY AS WITH LARGE TOOLS

With small tools from LUKAS as well, safety is essential. Exactly like the large grinding tools, the small cutting discs are reinforced with two layers of glass fibre. This guarantees high strength and maximum safety of the tools.

Watch for the OSA mark: It documents compliance with all relevant European safety standards for grinding tools.

1 mm
THICK FOR ESPECIALLY
SENSITIVE WORK

PRODUCT SPECIFICATIONS **PAGE 40** ►

CUTTING AND ROUGH GRINDING DISCS FOR STONE, CONCRETE AND CAST MATERIAL



THE DISC FOR UNIVERSAL USE.

These discs are optimal for cutting and grinding concrete, stone or cast material. They are ideally suited for universal use at building sites and also enable flexibility for tradespeople and construction workers. Compared to diamond cutting discs, they convince with their especially good price/performance ratio and their high speed.

FLEXIBLE, FAST WORKING

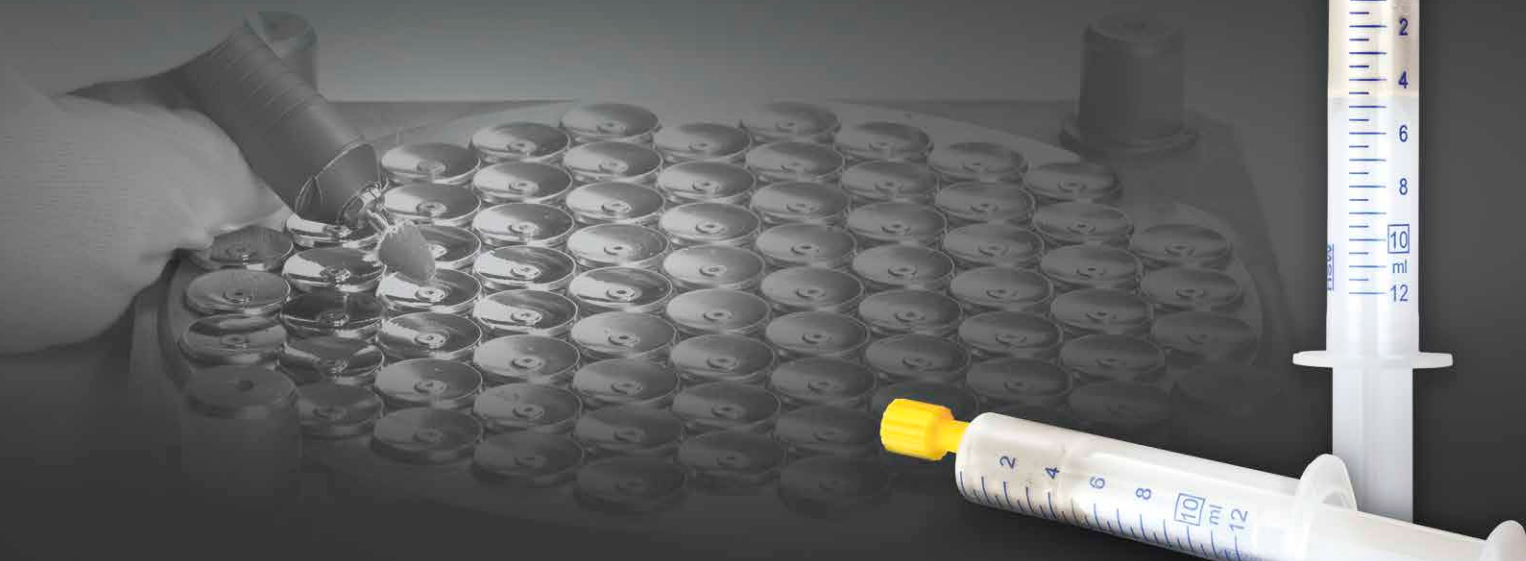
Especially in structural and civil engineering, for new buildings or structural alterations on existing ones and in road construction, tools are required that allow flexible machining of a broad range of building materials. Regardless of whether it's bricks, cast pipes or concrete supports – LUKAS cutting discs for stone, concrete and cast material cut reliably and quickly. Especially for tradespeople who have no regular use for diamond cutting discs, we offer the perfect alternative.

BROAD RANGE OF APPLICATIONS

For fettling as well, this disc is used in many foundries and blowrooms. They convince here with their high percentage of silicon carbide. 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.

PRODUCT SPECIFICATIONS **PAGE 41** ►

POLYCRYSTALLINE DIAMOND PASTE



FINE POLISH FOR HARD METALS.

As a new polishing paste, we are now also introducing polycrystalline in addition to the monocrystalline diamond paste. The new paste impresses with its higher yield and the suitability for application with machines. Both pastes are suitable for primarily manual applications.

MORE CUTTING EDGES IN DIAMOND PASTES

The diamonds in the polycrystalline diamond pastes provide for a fast high-gloss polish. The reason for this lies in the manufacturing process of the polycrystalline diamonds. Here a large number of predetermined breaking points result in the diamonds. Under load the diamonds break at these points. This then constantly results in new cutting edges in polycrystalline diamond paste during use. As a result, polycrystalline diamond pastes enable an outstanding surface result with reduced 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 predestine the polycrystalline diamond pastes from LUKAS for use on NC machines and robots. Through the high temperature resistance of 130 °C and the solubility in water, oil and alcohol allows the polycrystalline paste to be used in a variety of ways in industrial processes. Furthermore, polycrystalline diamond paste is also suitable for manual application.

MONOCRYSTALLINE DIAMOND PASTES

The monocrystalline diamond pastes from LUKAS are characterised by their versatility. They are frequently used for hand polishing, but also for a variety of machine polishing work. On titanium, hardened steels and stainless steel, they also achieve good surface results. They achieve outstanding results in the large hardening range from 50 to 70 HRC.

Like the polycrystalline paste, the monocrystalline diamond paste is also temperature-resistant up to 130 °C, enabling its optimum use between production steps. Through the high concentration of diamond particles in the paste, the desired gloss can already be achieved with a small amount of paste.

PRODUCT SPECIFICATIONS **PAGE 38** ►

FOCUS PRODUCTS

EXCERPT FROM OUR EXTENSIVE
PRODUCT RANGE



HFT INVERTED DEBURRING TOOL

EASILY REMOVE THE SHARPNESS OF ANY EDGE



This is exactly the right tool when difficult-to-access areas and edges on housings, containers and pipes have to be deburred. With the deburring tool you apply 45° bevels to openings and edges. Machining workpieces from the back – it's quite simple with the inverted deburring tool.

- **Deburring the back of holes and edges**
- **Defined 45° bevel**
- **For different bore diameters**

The tool is available with shank lengths up to 120 mm, allowing you to mill far inside in the workpiece. Our special V-soldered joint ensures firm holding of the milling head.

The tool is therefore also secure under increased tensile loading. With head diameters of 5 to 18 mm, the deburring tool is suitable for both smaller and larger parts.

PRODUCT SPECIFICATIONS [PAGE 35](#) ►

120 MILLIMETRES IS THE LARGEST LENGTH OF THE HFT INVERTED DEBURRING TOOL

CARBIDE ROTARY FILES

FINE TOOTHING FOR OPTIMUM SURFACE MACHINING



Convincing surfaces and impressive tool life – these are the strengths of the tungsten carbide rotary file. The micro-toothing of these milling heads has a cutting edge geometry similar to that of a hand file. This toothing, together with perfect concentric running due to precision production, ensures that the rotary file removes material evenly and achieves clean surfaces.

- **Outstanding surfaces thanks to fine toothing**
- **Long tool life due to tungsten carbide**
- **Does not clog**

Manufacturing from carbide guarantees outstanding tool life of the rotary file. At the same time, the toothing does not clog. This means long-lasting, fast, fault-free operation. Even difficult materials like composites can be machined with tungsten carbide files.

PRODUCT SPECIFICATIONS [PAGE 35](#) ►

CAST BURRS

ROBUST BURR HEAD FOR HIGH MATERIAL REMOVAL FOR CAST MATERIALS



Burrs for aggressive machining of cast materials sometimes have a tendency to break teeth. This is not true for these burrs, which were developed for this kind of load. With its faceted toothing, it achieves a high degree of stock removal with manual machining – i.e. a large chip volume in a short time. In the process, the tool can be guided smoothly and evenly.

- **Large chip volume**
- **Smooth-running and low-vibration**
- **No breakouts**

No breakouts occur, even with high applied forces. The proven tungsten carbide quality and a reliable soldered joint round out the tool. As a result, it operates productively and reliably.

PRODUCT SPECIFICATIONS [PAGE 33](#) ►

TUNGSTEN CARBIDE

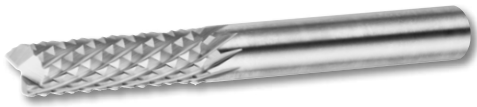
PRODUCTIVE AND ECONOMICAL MILLING

The exceptionally high density and hardness makes tungsten carbide one of the best cutting materials. Compared to the HSS (high-speed steel) used previously, the cutting edges of tungsten carbide milling tools remain sharp for longer. This means a reduced application of force for the user and a considerably longer tool life.

The result: higher productivity due to fewer tool changes and reduced costs due to a decreased need for tools. These advantages make tungsten carbide the first choice for milling tools.

COMPOSITE BURRS

THE ALL-ROUND TOOL FOR
FIBRE-REINFORCED MATERIALS



The Composite burr specialises in fibre-reinforced materials, but with an extraordinary versatility. It can be used in similar variants for both machine and manual applications. Not only that: In addition to milling, the extra-long cutting edge area is also suitable for sawing. The fishtail tip is suitable for drilling and for end milling of workpieces. This makes the Composite burr an all-rounder that makes many tool changes unnecessary and is perfectly suited as a robot tool due to its long tool life.

- Suitable for sawing, drilling and milling
- Produces smooth surfaces
- For manual and machine work
- Fewer tool changes
- Long tool life

This tool proves its excellence in compound materials with a plastic matrix. These include CFRP, GFRP and many other composites. The burr is available in two variants: The "Composite Coarse" is designed especially for robots, while with the "Composite Fine" you can guide the burr yourself.

PRODUCT SPECIFICATIONS [PAGE 34](#) ►

WOOD RASP BURR

LONG-LASTING MILLING THANKS TO
FINE-GRAIN TUNGSTEN CARBIDE



Where HSS and stippled burrs quickly give up, the Wood rasp burr convinces with its extraordinarily long tool life. This is made possible by manufacturing it from fine-grain tungsten carbide. With this burr, wood and other light-weight materials can be machined for long periods. Especially when deburring, modelling and smoothing, the Wood rasp burr shows its superiority with fast material removal.

- Fast cutting
- Long tool life due to tungsten carbide
- Smooth surface
- Smooth, low-vibration running
- Little force required

Even with little application of force, it's easy to work quickly with the rasp burr. For the coarse cutting edge geometry always proves to be aggressive with good cutting properties. Annoying vibrations are unknown to the Wood rasp burr. In addition to wood, this tool can machine all types of plastics and rubber.

PRODUCT SPECIFICATIONS [PAGE 34](#) ►

ONE **2**
FOR
CAN MACHINE STEEL AND INOX

Z42 INOX / STEEL BURR

EXTREMELY WEAR-RESISTANT IN STEEL AND
STAINLESS-STEEL



The Z42 Inox/Steel burr mills both steel and stainless steel quickly. Its central characteristic is the special tooth geometry with faceting, enabling it to powerfully remove both materials without suffering from tooth breakage. The burr is used in combination with common straight grinders. Thanks to improved chip breakers, the tool requires less application of force and produces an even better surface quality.

- One burr for two materials
- High material removal
- Long-life
- For milling, deburring and chamfering

A major advantage of this tool is that now only one burr is required for steel and Inox. Milling, chamfering and deburring can easily be carried out manually in both metals with the Z42. As a result, you easily reduce the tool stock and with it your capital commitment.

PRODUCT SPECIFICATIONS [PAGE 32](#) ►

P6 CG POLISHING POINTS

GENTLE POLISHING OF FINE STRUCTURES
WITH COMPACT GRAIN



Holes, fillet welds and small workpieces require small grain sizes during grinding for a flawless surface. Exactly such a fine-grain abrasive surface is offered by the P6 CG polishing points. With their very small compact grain, they guarantee gentle polishing and clean glossy surfaces. These polishing points are always the right choice when good surface results are to be achieved quickly on small surfaces.

- **Perfect surface**
- **Long tool life**
- **Excellent use of grain**
- **Can be used for all metals**

The versatility of these polishing points is exceptional. They convince with high productivity on all steels, on cast iron, aluminium and non-ferrous metals. Furthermore, the polishing points can also be used on titanium and nickel alloys.

PRODUCT SPECIFICATIONS [PAGE 36](#) ►

tremely economical. This is made possible by this is the manufacturing from a solid polyurethane disc with an integrated fine-grained compact grain (see information box) that wears very slowly. For soft materials like aluminium as well, the abrasive coating does not clog – persistent fault-free grinding work is guaranteed. The polishing disc is suitable for fast machining of large metal surfaces.

PRODUCT SPECIFICATIONS [PAGE 37](#) ►

MANY CUTTING EDGES COMBINED IN ONE GRAIN

The compact grain (CG) consists of many small abrasive particles which are bonded to each other before introducing them in the tool. During grinding individual worn particles break out of the compact grain, making way for lower lying 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 in the abrasive layer, the abrasive particles adhere better than with just a single adhesive bonding. This means a longer useful life without premature tool changes. The high density of cutting edges within the compact grain guarantees the very high stock removal rate.

P6PT CG POLISHING DISCS

THE UNIVERSAL POLISHING TOOL



Whether it's cleaning, grinding or polishing – this polishing disc takes care of any job with flying colours. A common angle grinder is perfectly suited for working with this polishing disc.

It can be used to

quickly machine all common metals, whether it's steel, or cast iron, aluminium or copper. Scratches, grooves and paint layers can be quickly and easily removed with this polishing tool.

- **For cleaning, grinding and polishing**
- **For all common metals**
- **Suitable for angle grinders**

This tool is not only a shining example of versatility. With its extraordinarily long tool life, it also proves to be ex-

P6 CG POLISHING DISCS

FAST FINISHING WITH VERSATILE POLISHING DISC



This polishing disc quickly makes all metallic surfaces shine. Fine uneven areas are removed until only the fault-free surface remains. Due to its fast operation, this polishing disc produces a high-

quality finish in just a short time. In addition, this disc features a remarkably long tool life and therefore needs to be changed less frequently. It can therefore be used both for manual work with a straight grinder and on robots.

- **Perfect surfaces**
- **Fast polishing results**
- **Long tool life**
- **Free of iron, chlorine and sulphur**

One of the major advantages of the P6 CG polishing disc is its versatility, which allows it to be used on most ma-

terials. No rust during grinding work: This polishing disc is free of iron, chlorine and sulphur compounds. As a result, it can be used in systems in which no corrosion may occur, i.e. in power plants.

PRODUCT SPECIFICATIONS [PAGE 37](#) ►

SLTR CONTROL

ALWAYS KEEP AN EYE ON THE WORKPIECE



The SLTR Control is optimally suited for grinding sensitive workpieces. The abrasive coating is interrupted with three viewing windows, making the surface easy to recognise at all times during machining. You immediately see when grinding work is finished and you can switch off the machine. This way you never remove more material than necessary from the workpiece.

- **Continuous monitoring of work progress**
- **Cool grinding**

Zirconia alumina is used as an abrasive coating, which achieves a high stock removal while also ensuring cool grinding. Steel and stainless steel can be machined extremely well with this grinding disc, as no blue discolouration occurs as a result of heating up. The tool can be used on any standard angle grinder.

PRODUCT SPECIFICATIONS [PAGE 46](#) ►

SLTG R MINI LAMELLAR FLAP DISCS

FAST GRINDING WITH QUICK-CLAMPING SYSTEM



The SLTG R lamellar flap disc is the first choice for productive work with small, pneumatic angle grinders. It is frequently clamped on disc carriers as a more durable alternative to abrasive discs. However, in industrial systems as well, i.e.

when deburring with robots, the long tool life and the quick-change system are real advantages over abrasive discs.

- **Excellent cutting**
- **Long tool life compared to fibre discs**
- **Fast tool change**
- **Little force required**

This lamellar flap disc can be used for all work requiring heavy material removal, such as deburring, fettling, rust removal and finishing, as well as for machining weld seams. Even with low pressure, the tool already works efficiently – an ergonomic advantage for long grinding work. Stainless steel and other demanding materials can be machined with the abrasive coating of zirconia alumina.

PRODUCT SPECIFICATIONS [PAGE 47](#) ►

TC7 DIAMOND CUTTING DISC

THE TURBO DISC WITH THE CLEAN CUT



With the TC7 diamond cutting disc you work on an angle grinder with the world's hardest material. The sharp diamond cutting edges of the cutting disc cut apart brick, roof tiles and other building materials in no time. The cutting disc is therefore

the right tool for fast working at construction sites with clean cut edges without chipping. These materials can be machined with the TC7 diamond cutting disc:

- **Brick, masonry**
- **Roof tiles**
- **Gas concrete, pumice**
- **Other concrete products**

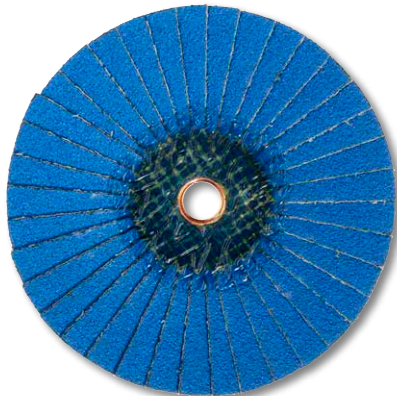
The TC7 not only cuts cleanly, but also at accelerated speed. In contrast to segmented discs, the TC7 is equipped with a continuous cutting edge with a closed diamond coating on the entire circumference of the disc. The cutting disc therefore runs very evenly, develops less vibration and produces clean cut surfaces. Our quality check ensures a constant high quality and safety standard.

PRODUCT SPECIFICATIONS [PAGE 42](#) ►

SLTs-flex LAMELLAR FLAP DISCS

SOFT AND ELASTIC – NEW: WITH EVEN GREATER PROJECTING FLAPS

iQ Serie



This lamellar flap disc runs at top form with pipes, wavy shapes and curved car bodies. Thanks to its soft abrasive coating, the lamellar flap disc nestles up to each workpiece. As a result, the SLTs-flex reaches tight radii and difficult-to-access areas that are hardly reachable for other grinding tools – the tool smoothly follows the contours. As an alternative product to fibre disc applications and in contrast to the SLT-flex, the SLTs-flex offers even greater projecting flaps.

- Grinds super-soft
- For tight radii and wavy shapes
- Perfect surfaces
- No backing plate required

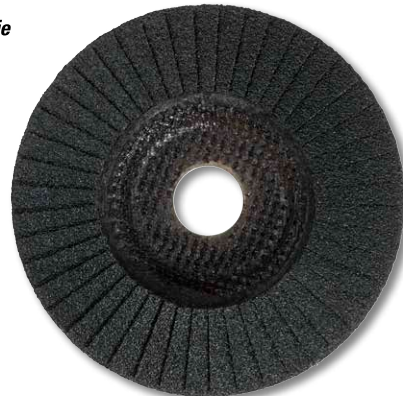
This lamellar flap disc is provided with an M14 thread at its centre. The tool is screwed on without a backing plate. Because the flap disc has a small core or carrier, it can adapt without restriction to various workpiece shapes. With its good cutting properties, the abrasive zirconia alumina guarantees uncompromising grinding efficiency. Steel materials and Inox can also be quickly machined with this lamellar flap disc.

PRODUCT SPECIFICATIONS **PAGE 45** ►

V4 MASTER

POWER FOR METALWORKERS – FOR UNCOMPROMISING GRINDING

iQ Serie



The V4 Master belongs on an angle grinder when high stock removal is required. This lamellar flap disc shows its removal power during persistent rounding off of sharp edges and when finishing weld seams and thermal cuts. With its power cutting performance, it ensures that this type of demanding work can be carried out quickly and easily.

- Enormous stock removal
- High edge strength
- Long tool life
- Good ergonomics
- Free of iron, chlorine and sulphur

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 case. The low force applied, the deep recess around the bore and the low-noise and vibration behaviour when grinding make it easy to work with this tool.

PRODUCT SPECIFICATIONS **PAGE 43** ►

iQ SERIES

PERFORMANCE GRINDING

With the brand “iQ Series” (innovative Quality) LUKAS presents grinding tools that achieve extraordinary performance through their technical characteristics. All tools of this series are based on new developments from LUKAS. The stock removal capability and tool lives are considerably higher for the tools of the iQ series than for comparable standard tools, therefore providing cost savings.

iQ SERIES

FOR MOST DEMANDING REQUIREMENTS

The iQ series includes lamellar flap discs that achieve top grinding performance and offer ergonomic advantages with their sickle-like flap shape and arrangement. Additional grinding discs of the iQ series are optimised for top performance on robots or on stainless steel.

Additional information on our iQ series can be found at: www.lukas-erzett.com

PURPLE GRAIN SINGLE AND PURPLE GRAIN MULTI

POWERFUL GRINDING, EVEN ON THE HARDEST MATERIALS

iQ Serie



These patented grinding discs carry the same high-performance ceramic grain as the V4 Purple Power for robots and grinding machines. However, they can also be used manually on ordinary angle grinders. Two of their greatest strengths are uncompromising grinding and excellent durability.

- Aggressive abrasive coating
- High stability and durability
- For difficult to access areas
- Abrasive coating is fully utilised

The **Purple Grain Single** features a deep recess around the bore. This enables difficult to access machining areas to be reached more easily and ergonomically. The special characteristic of the **Purple Grain Multi** is its three abrasive layers. These wear consecutively in a controlled manner. As a result, this grinding tool offers a considerably extended tool life. This is reflected in measurable savings compared to conventional tools. The grinding disc is equipped with an integrated backing plate with an M14 threaded holder. As a result, it can easily be screwed onto an angle grinder without an additional clamping nut.

PRODUCT SPECIFICATIONS [PAGE 44/45](#) ►

V4 PURPLE POWER

MAXIMUM REMOVAL POWER FOR GRINDING ROBOTS

iQ Serie



As a highly aggressive grinding tool, the V4 Purple Power is designed for high-performance 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.

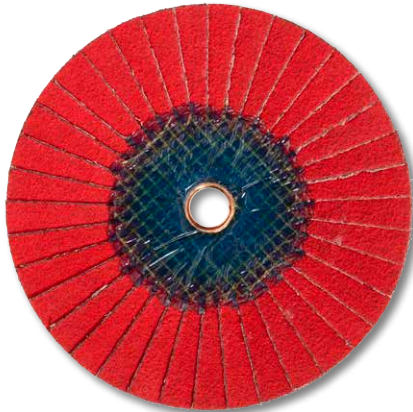
- Stock removal of 20 kg for steel (C45) per grinding disc (when used with robots)
- Time-efficient due to fewer tool changes
- Extremely long tool life

The facing of abrasive grain made of high-performance ceramic provides the V4 Purple Power with outstanding performance. Added to this is the flap shape optimised for hard work. This flap disc grinds steel, Inox, cast material and titanium with sovereign speed. The V4 Purple Power cuts up to 20 kg of structural steel into fine chips during grinding work. Its stock removal rate is up to 250 % higher than that of ordinary tools. With a tool life of approximately 3.5 hours, the grinding tool for robots also proves to be surprisingly persistent.

PRODUCT SPECIFICATIONS [PAGE 44](#) ►

SLTflex CERAMIC

MORE GRINDING POWER FOR RADII AND FILLET WELDS



The SLTflex lamellar flap disc with ceramic abrasive grain is designed for top performance fillet welds and radii. Here the projection of the abrasive flaps guarantees that the tool smoothly adapts to the shape of the workpiece – and reaches every corner. This enables you to quickly give weld seams the final touch.

- **Flexibly adapting abrasive coating**
- **Extremely long tool life**
- **Also grinds hard materials efficiently**
- **Toolless installation**

The SLTflex needs no backing plate, but is instead mounted on the angle grinder with its own screw thread (M14) without tools. The small resin core in the centre allows the abrasive flaps full freedom of movement, enabling soft grinding. Nevertheless, the SLTflex Ceramic proves to be an aggressive grinding tool with high flexibility and also offers long service lives.

PRODUCT SPECIFICATIONS **PAGE 46** ►

CERAMIC MOUNTED FLAP WHEEL

AGGRESSIVE AND COMPACT FOR STRAIGHT GRINDERS



The Ceramic mounted flap wheel comes just at the right time when a tool with high stock removal is required for hard materials. The abrasive grain used here displays an aggressive cutting behaviour. Especially when machining and deburring drilled holes and small workpieces, the mounted flap wheel removes uneven areas very quickly.

- **High removal rate**
- **Self-dressing ceramic grain**
- **High speed and temperature stability**

The abrasive grain is self-dressing, causing new cutting edges to be repeatedly produced when the top grain tips on the flaps of abrasive cloth broke off. In this way, the mounted flap wheel achieves not only fast material removal, but also a convincing tool life.

At the centre of the tool, the flaps of abrasive cloth are integrated in a high-strength adhesive resin. This material demonstrates a very high speed and temperature stability. As a result, the stability of the tool is always ensured even during continuous, powerful work.

PRODUCT SPECIFICATIONS **PAGE 47** ►

CERAMIC GRAIN: THE ABRASIVE WITH THE SELF-DRESSING EFFECT

With its great hardness, the ceramic grain cuts extremely hard materials very efficiently. The special aspect of this abrasive grain is the self-dressing effect: When worn particles break off, new grinding edges continually result. And that's why grinding tools with ceramic grain uniformly achieve extremely high removal rates over the entire tool life. Hardened surfaces, scale, hard coatings and reinforced weld seams can be ground off in a short time with ceramic grain.

This is carried out with a minimal application of force – an ergonomic advantage – and little heat-up. This cool grinding enables machining of stainless steels without blue discolouration due to high temperatures. In addition, the ceramic grain guarantees long tool lives: Even on difficult materials like scale surfaces, it does not glaze and only wears very slowly due to its great hardness. Tool changes are therefore only seldom necessary.

Further information is available at: www.lukas-erzett.com

CERAMIC ABRASIVE BAND

NON-STOP POWERFUL REMOVAL



This abrasive band is intended for straight grinders in combination with mandrels. Especially during deburring of hard materials, this abrasive band runs at top form. Both the aggressive ceramic grain and the supported robust carrier band help the abrasive band carry out forced material removal. With regard to the tool life as well, this tool is a front runner.

- **Especially robust**
- **For hard materials**
- **High stock removal**
- **Long tool life**

This abrasive band proves itself when cleaning, deburring and grinding surfaces and contours. It tackles even hard materials like tool steels and titanium alloys with flying colours.

PRODUCT SPECIFICATIONS [PAGE 49](#) ►

CERAMIC ABRASIVE ROLLS

PERSISTENT GRINDING OF SMALL WORKPIECES



Abrasive rolls with a ceramic layer offer a maximum abrasive coating. They are employed on reusable tool carriers for straight grinders when machining small workpieces. Their major advantage is the enormous quantity of abrasive coating, alone due to the large working surface that is cylindrically wound.

As a result, the abrasive coating is available in several layers. As soon as an abrasive layer has been used up, the next layer appears and continues the grinding work. That's why the abrasive rolls offer an extraordinarily long tool life.

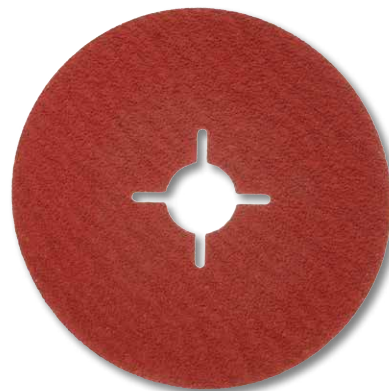
- **Stable and robust**
- **High removal rate**
- **Thick abrasive coating**

With their abrasive coating of ceramic grain, the abrasive rolls achieve high removal rates. The robust adhesive bonding provided for good durability over the entire life of the abrasive rolls. Abrasive rolls are often used for cleaning, deburring and fettling of workpieces.

PRODUCT SPECIFICATIONS [PAGE 50](#) ►

CERAMIC FIBRE DISC

POWERFUL REMOVAL ON HARD SURFACES



Long tool life under the toughest working conditions is the strength of the Ceramic fibre disc. With its ceramic grain, this fibre disc also achieves high removal rates on steels and titanium alloys. The fibre disc shows its entire potential during surface grinding and levelling of weld seams. In addition, it also convinces with its durability.

- **High removal rates**
- **For hardest materials**
- **Cool grinding**
- **Ergonomic use**

The Ceramic fibre disc is intended for all standard angle grinders. We recommend the STF HL as a suitable backing plate.

PRODUCT SPECIFICATIONS [PAGE 53](#) ►

RECOMMENDATION FOR CERAMIC FIBRE DISC

The STF HL backing plate **equipped with cooling ribs and ventilation holes** is perfectly suited for the Ceramic fibre disc, as these characteristics improve both the stock removal and the tool life of the mounted tools.

Z 306 MOUNTED FLAP WHEEL

GENTLE GRINDING FOR A FINE FINISH



This mounted flap wheel made of abrasive fleece proves to be twice as flexible. It is frequently used on manually-guided flexible shafts so that even difficult-to-access surfaces can be machined. The mounted flap wheel itself is also flexible. As a result, it can adapt its shape to the workpiece contours and can grind them evenly. In this way the mounted flap wheel smoothly reaches the remotest corners of the workpieces.

- Abrasive head adapts to uneven workpieces
- Soft grinding
- Long tool life
- Quick gloss

These tools are commonly used for matting, satin finishing, polishing and smoothing. This mounted flap wheel is perfectly suited for the finishing grinding step on the workpiece. Despite all gentleness, the mounted flap wheel presents a fast working pace due to the zirconia alumina abrasive particles. They make the tool robust and durable with a soft grinding finish and quick gloss. And that with comparatively few tool changes.

PRODUCT SPECIFICATIONS [PAGE 48](#) ►

MINI MOUNTED FLAP WHEEL

FOR FINISH GRINDING IN ANY HOLE



The small mounted flap wheel is the perfect choice for machining small holes or inside diameters. With head diameters starting from 15 mm, the grinding tool machines even the smallest holes. In addition, the mounted flap wheels are available with a length of either 40 mm or 100 mm. This enables you to reach even the most difficult-to-access sections of the workpiece. The Mini mounted flap wheel with its flexible abrasive flaps is primarily used for finish grinding and deburring.

- For finish grinding and deburring
- High flexibility
- Cool grinding

Through the flap configuration, the air can circulate freely on the tool during work so that the Mini mounted flap wheel always remains cool. Due to the minimal heat-up, the mounted flap wheel can easily be used on stainless steel and enables a high surface quality even in narrow places.

PRODUCT SPECIFICATIONS [PAGE 48](#) ►

M14 FLAP ROLLS

EASILY CONDITIONING METALS WITH AN ANGLE GRINDER



Gone are the times in which conditioning was only possible with special machines. Today this flap roll is screwed onto an angle grinder and in an instant produces fine, semi-gloss surfaces. With regulated angle grinders, the machining speed can be adjusted to suit the surface. The tool change is carried out simply and quickly with the M14 thread.

- No satin finishing machine required
- Can be used directly at construction sites

The flap roll is available in three versions: with abrasive cloth (LWL), abrasive fleece (LWV) and with a combination of abrasive cloth and abrasive fleece (LWM). Compared to the thicker flap rolls made of abrasive cloth, the fleece rolls are softer and adapt more easily to the shape of the workpiece. The LWM flap rolls are especially suited for rust-free materials. Conditioning is the most important application for this roll. And they can also be used well for other grinding tasks. The robust abrasive cloth flap roll (LWL) is also optimal for cleaning, rust removal, deburring and roughening. The more gentle abrasive fleece rolls (LWV) have additional strengths when polishing, smoothing and finish grinding.

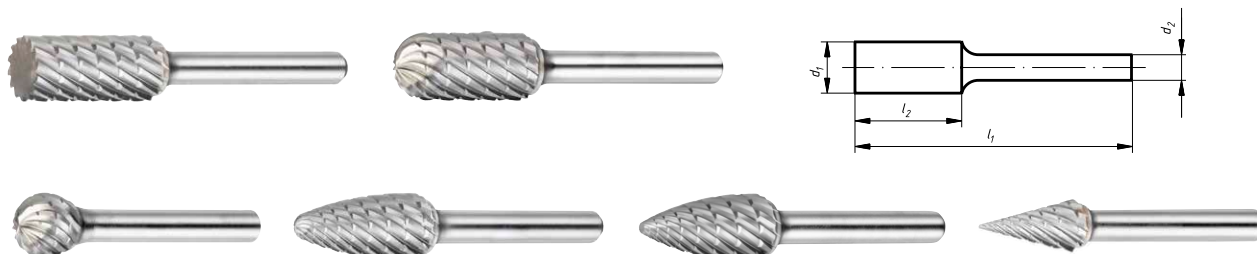
PRODUCT SPECIFICATIONS [PAGE 49](#) ►

PRODUCT SPECIFICATIONS

TECHNICAL INFORMATION
AND SPECIFICATIONS



Z42 TUNGSTEN CARBIDE BURRS QUICKLY AND RELIABLY CUTS INOX AND STEEL



★★☆

Product number	Description	Shape	Cut	similar to DIN 8033	d_1 mm	l_2 mm	d_2 mm	l_1 mm
A10010616620	HFA 0616.06		Z42 Inox/Steel	ZYA 0616	6	16	6	50
A10010820620	HFA 0820.06		Z42 Inox/Steel	ZYA 0820	8	20	6	60
A10011020620	HFA 1020.06		Z42 Inox/Steel	ZYA 1020	10	20	6	60
A10011225620	HFA 1225.06		Z42 Inox/Steel	ZYA 1225	12	25	6	65
A10020616620	HFC 0616.06		Z42 Inox/Steel	WRC 0616	6	16	6	50
A10020820620	HFC 0820.06		Z42 Inox/Steel	WRC 0820	8	20	6	60
A10021020620	HFC 1020.06		Z42 Inox/Steel	WRC 1020	10	20	6	60
A10021225620	HFC 1225.06		Z42 Inox/Steel	WRC 1225	12	25	6	65
A10030605620	HFD 0605.06		Z42 Inox/Steel	KUD 0605	6	5	6	50
A10030807620	HFD 0807.06		Z42 Inox/Steel	KUD 0807	8	7	6	47
A10031009620	HFD 1009.06		Z42 Inox/Steel	KUD 1009	10	9	6	49
A10031210620	HFD 1210.06		Z42 Inox/Steel	KUD 1210	12	10	6	51
A10100618620	HFF 0618.06		Z42 Inox/Steel	RBF 0618	6	18	6	50
A10100820620	HFF 0820.06		Z42 Inox/Steel	---	8	20	6	60
A10101020620	HFF 1020.06		Z42 Inox/Steel	RBF 1020	10	20	6	60
A10101225620	HFF 1225.06		Z42 Inox/Steel	RBF 1225	12	25	6	65
A10040618620	HFG 0618.06		Z42 Inox/Steel	SPG 0618	6	18	6	50
A10040820620	HFG 0820.06		Z42 Inox/Steel	---	8	20	6	60
A10041020620	HFG 1020.06		Z42 Inox/Steel	SPG 1020	10	20	6	60
A10041225620	HFG 1225.06		Z42 Inox/Steel	SPG 1225	12	25	6	65
A10050618620	HFM 0618.06		Z42 Inox/Steel	SKM 0618	6	18	6	50
A10050820620	HFM 0820.06		Z42 Inox/Steel	---	8	20	6	60
A10051020620	HFM 1020.06		Z42 Inox/Steel	SKM 1020	10	20	6	60
A10051225620	HFM 1225.06		Z42 Inox/Steel	SKM 1225	12	25	6	65

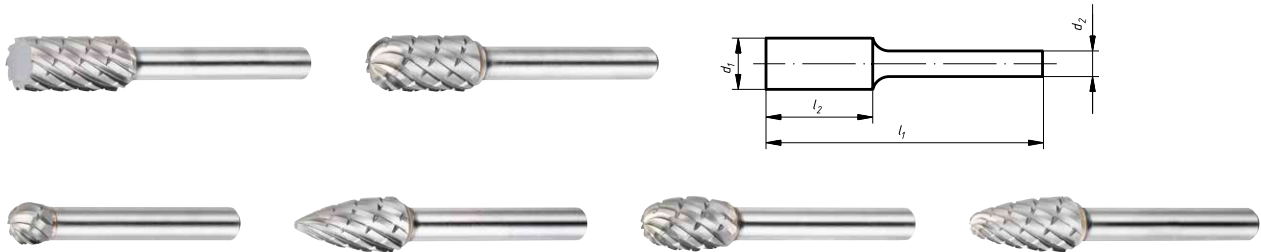
Recommended for: ● Inox/Steel ● Steel



◀ PAGE 23 PRODUCT INFORMATION

CAST TUNGSTEN CARBIDE BURRS

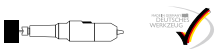
THE BURR FOR CAST MATERIAL



★★☆

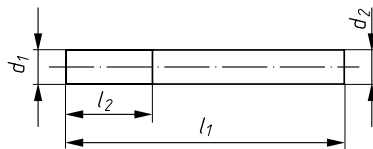
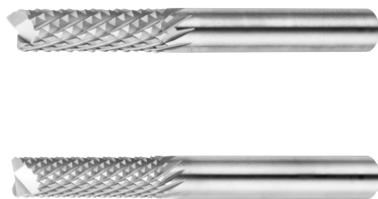
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A10010820621	HFA 0820.06 Cast		Cast	ZYA 0820	8	20	6	60
A10011020621	HFA 1020.06 Cast		Cast	ZYA 1020	10	20	6	60
A10011225621	HFA 1225.06 Cast		Cast	ZYA 1225	12	25	6	65
A10020616621	HFC 0616.06 Cast		Cast	WRC 0616	6	16	6	50
A10020820621	HFC 0820.06 Cast		Cast	WRC 0820	8	20	6	60
A10021020621	HFC 1020.06 Cast		Cast	WRC 1020	10	20	6	60
A10021225621	HFC 1225.06 Cast		Cast	WRC 1225	12	25	6	65
A10030605621	HFD 0605.06 Cast		Cast	KUD 0605	6	5	6	50
A10030807621	HFD 0807.06 Cast		Cast	KUD 0807	8	7	6	47
A10031009621	HFD 1009.06 Cast		Cast	KUD 1009	10	9	6	49
A10031210621	HFD 1210.06 Cast		Cast	KUD 1210	12	10	6	51
A10040618621	HFG 0618.06 Cast		Cast	SPG 0618	6	18	6	50
A10040820621	HFG 0820.06 Cast		Cast	---	8	20	6	60
A10041020621	HFG 1020.06 Cast		Cast	SPG 1020	10	20	6	60
A10041225621	HFG 1225.06 Cast		Cast	SPG 1225	12	25	6	65
A10060610621	HFE 0610.06 Cast		Cast	TRE 0610	6	10	6	50
A10060813621	HFE 0813.06 Cast		Cast	TRE 0813	8	13	6	53
A10061016621	HFE 1016.06 Cast		Cast	TRE 1016	10	16	6	56
A10061220621	HFE 1220.06 Cast		Cast	TRE 1220	12	20	6	60
A10100618621	HFF 0618.06 Cast		Cast	RBF 0618	6	18	6	50
A10100820621	HFF 0820.06 Cast		Cast	---	8	20	6	60
A10101020621	HFF 1020.06 Cast		Cast	RBF 1020	10	20	6	60
A10101225621	HFF 1225.06 Cast		Cast	RBF 1225	12	25	6	65

Recommended for: ● Cast material



◀ PAGE 22 PRODUCT INFORMATION

COMPOSITE COARSE/FINE BURRS THE BURR FOR MACHINING PLASTIC



★★☆

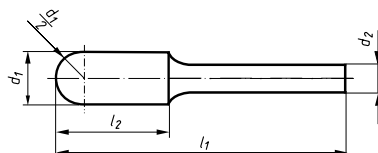
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A10180315323	HFAS 0315.03	Composite Coarse	3	15	3	43
A10180625623	HFAS 0625.06	Composite Coarse	6	25	6	64
A10180828823	HFAS 0828.08	Composite Coarse	8	28	8	73
A10180625624	HFAS 0625.06	Composite Fine	6	25	6	64
A10180828824	HFAS 0828.08	Composite Fine	8	28	8	73
A101810301024	HFAS 1030.10	Composite Fine	10	30	10	77

Recommended for: ● Plastic



◀ PAGE 23 PRODUCT INFORMATION

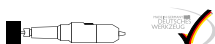
WOOD TUNGSTEN CARBIDE RASP BURRS THE BURR FOR WOOD AND LIGHT-WEIGHT MATERIALS



★★☆

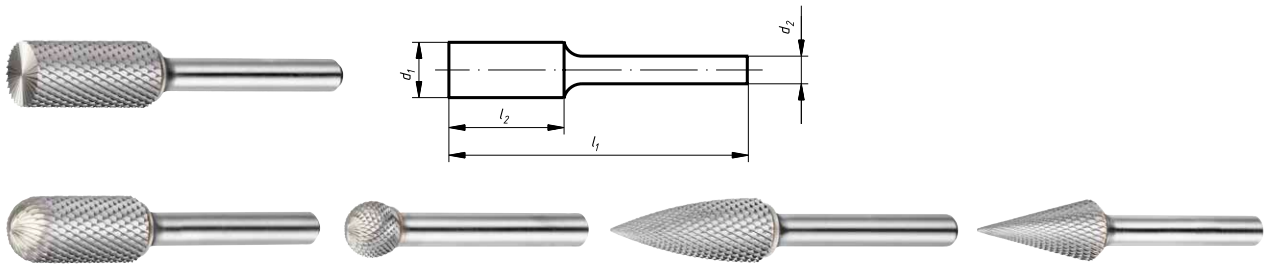
Product number	Description	Shape	Cut	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
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A10061220618	HFE 1220.06		Wood	12	20	6	60
A10100618618	HFF 0618.06		Wood	6	18	6	58
A10100820618	HFF 0820.06		Wood	8	20	6	60

Recommended for: ● Steel ● Plastic



◀ PAGE 23 PRODUCT INFORMATION

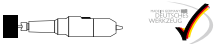
CARBIDE ROTARY FILES FOR OUTSTANDING SURFACES THANKS TO FINE TOOTHING



★★☆

Product number	Description	Shape	Cut	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
A100106166150001	HFAS 0616.06		ZF2	6	16	6	50
A100106166140001	HFAS 0616.06		ZF3	6	16	6	50
A100112256160001	HFAS 1225.06		ZF1	12	25	6	65
A100112256150001	HFAS 1225.06		ZF2	12	25	6	65
A10020616614	HFC 0616.06		ZF3	6	16	6	50
A10021225616	HFC 1225.06		ZF1	12	25	6	65
A10021225615	HFC 1225.06		ZF2	12	25	6	65
A10031009615	HFD 1009.06		ZF2	10	9	6	49
A10040618615	HFG 0618.06		ZF2	6	18	6	50
A10040618614	HFG 0618.06		ZF3	6	18	6	50
A10041230616	HFG 1230.06		ZF1	12	30	6	70
A10041230615	HFG 1230.06		ZF2	12	30	6	70
A10041230614	HFG 1230.06		ZF3	12	30	6	70
A10051225615	HFM 1225.06		ZF2	12	25	6	65

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



◀ PAGE 22 PRODUCT INFORMATION

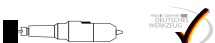
HFT BACKWARD DEBURRING TOOL SUITABLE FOR DEBURRING THE BACK OF HOLES



★★☆

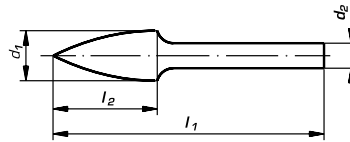
Product number	Description	Cut	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
A10170504303	HFT 0504.03	Z3	5	4	3	40
A10170705303	HFT 0705.03	Z3	7	5	3	40
A10171006603	HFT 1006.06	Z3	10	6	6	60
A10171207603	HFT 1207.06	Z3	12	7	6	65
A10171610603	HFT 1610.06	Z3	16	10	6	70
A10171610803	HFT 1610.08	Z3	16	10	8	120
A10171811803	HFT 1811.08	Z3	18	11	8	120

Recommended for: ● Inox/Steel ● Steel ● Titanium



◀ PAGE 22 PRODUCT INFORMATION

HZB SPECIAL DRILL WITH SDS-PLUS MOUNTING ESPECIALLY FOR USE IN AIR BRICKS



★★★

Product number	Description	d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
A100406131008SDS	HZB 0613.10 Z7	6.3	13	10	263
A100410208083SDS	HZB 1020.10 Z7	10.3	20	10	200
A100414301208SDS	HZB 1430.12 Z7	14.3	30	12	250

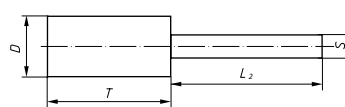
Recommended for: ● Stone



◀ **PAGE 10** PRODUCT INFORMATION

GRINDING, POLISHING (BONDED)

P6 CG CYLINDRICAL POLISHING POINTS THE FLEXIBLE POLISHING TOOL WITH COMPACT GRAIN



Cylindrical shape

★★★

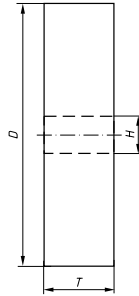
Product number	Description	Quality / Grain	Diameter D mm	Depth T mm	Shank S mm	Length L ₂ mm
A29300130203B39	P6ZY 1320.03	EKW 60 SHP CG	13	20	3	30
A29300130203B59	P6ZY 1320.03	EKW 120 SHP CG	13	20	3	30
A29300160206B39	P6ZY 1620.06	EKW 60 SHP CG	16	20	6	40
A69300160206B59	P6ZY 1620.06	EKW 120 SHP CG	16	20	6	40
A69300200206B39	P6ZY 2020.06	EKW 60 SHP CG	20	20	6	40
A29300200206B59	P6ZY 2020.06	EKW 120 SHP CG	20	20	6	40
A29300300306B39	P6ZY 3030.06	EKW 60 SHP CG	30	30	6	40
A69300300306B59	P6ZY 3030.06	EKW 120 SHP CG	30	30	6	40

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



◀ **PAGE 24** PRODUCT INFORMATION

P6 CG POLISHING DISCS, SHAPE SE1 FOR MANUAL OR ROBOT-SUPPORTED USE



★★★

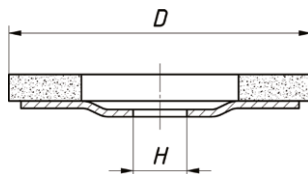
Product number	Description	Quality/Grain	Diameter D mm	Depth T mm	H mm
A29100800060B39	P6SE1 08006 B.06	EKW 60 SHP CG	80	6	6
A29100800060B59	P6SE1 08006 B.06	EKW 120 SHP CG	80	6	6
A29101500100B39	P6SE1 15010 B.25	EKW 60 SHP CG	150	10	25
A29101500100B59	P6SE1 15010 B.25	EKW 120 SHP CG	150	10	25
A29102000200B39	P6SE1 20020 B.25	EKW 60 SHP CG	200	20	25
A29102000200B59	P6SE1 20020 B.25	EKW 120 SHP CG	200	20	25

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



◀ **PAGE 24** PRODUCT INFORMATION

P6PT CG POLISHING DISCS THE UNIVERSAL POLISHING TOOL FOR ANGLE GRINDERS



★★★

Product number	Description	Quality	Diameter D mm	H mm	n max. rpm
A671611506014	P6PT 115 (flat)	EKW 60 SHP CG	115	22.23	13,300
A671611512014	P6PT 115 (flat)	EKW 120 SHP CG	115	22.23	13,300
A671612506014	P6PT 125 (flat)	EKW 60 SHP CG	125	22.23	12,200
A671612512014	P6PT 125 (flat)	EKW 120 SHP CG	125	22.23	12,200

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



◀ **PAGE 24** PRODUCT INFORMATION

POLYCRYSTALLINE DIAMOND PASTES HIGH QUALITY STANDARD



★★★

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

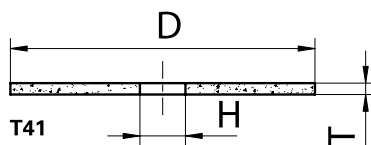
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



◀ PAGE 20 PRODUCT INFORMATION

CUTTING, ROUGH GRINDING (CONVENTIONAL/DIAMOND)

CERAMIC CUTTING DISC FOR MACHINING STAINLESS STEEL



★★★

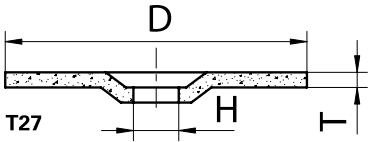
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AT008310V9802	T41 115x1.0	CER 46U-BF Inox	115	1.0	22.23	13,300
AT008312V9802	T41 125x1.0	CER 46U-BF Inox	125	1.0	22.23	12,200
AT008320V9802	T41 230x2.0	CER 46U-BF Inox	230	2.0	22.23	6,600

Recommended for: ● Inox/Steel ● Steel ● Titanium



◀ PAGE 16 PRODUCT INFORMATION

CERAMIC ROUGH GRINDING DISC FOR MACHINING STAINLESS STEEL



★★★

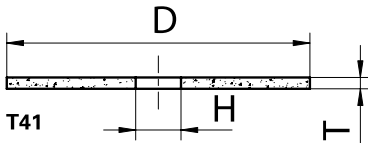
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AS008321V9802	T27 115x7.0	CER 30Q-BF Inox	115	7.0	22.23	13,300
AS008322V9802	T27 125x7.0	CER 30Q-BF Inox	125	7.0	22.23	12,200
AS008324V9802	T27 180x7.0	CER 30Q-BF Inox	180	7.0	22.23	8,500
AS008325V9802	T27 230x7.0	CER 30Q-BF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

Recommended for: ● Inox/Steel ● Steel ● Titanium



◀ **PAGE 16** PRODUCT INFORMATION

CUTTING DISC FOR MACHINING NON-FERROUS METALS



★★☆

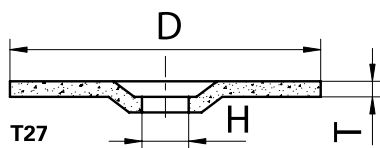
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AT000920V9802	T41 115x1.0	A60N-BF Alu	115	1.0	22.23	13,300
AT000950V9802	T41 125x1.0	A60N-BF Alu	125	1.0	22.23	12,200
AT001694V9802	T41 125x2.5	A36N-BF Alu	125	2.5	22.23	12,200
AT001789V9802	T41 230x2.5	A36N-BF Alu	230	2.5	22.23	6,600

Recommended for: ● Aluminium



◀ **PAGE 17** PRODUCT INFORMATION

ROUGH GRINDING DISC FOR MACHINING NON-FERROUS METALS



★★☆

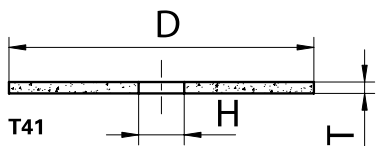
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AS001708V9802	T27 125x7.0	A24N-BF Alu	125	7.0	22.23	12,200

Recommended for: ● Aluminium



◀ PAGE 17 PRODUCT INFORMATION

SMALL CUTTING DISC FOR MACHINING STAINLESS STEEL



★☆☆

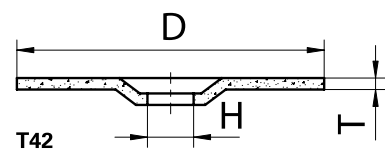
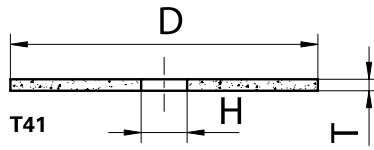
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AT501006V9802	T41 50x1.0	A46S-BF Inox	50	1.0	6.0	30,500
AT501010V9802	T41 50x1.0	A46S-BF Inox	50	1.0	10.0	30,500
AT761006V9802	T41 76x1.0	A46S-BF Inox	76	1.0	6.0	20,100
AT761010V9802	T41 76x1.0	A46S-BF Inox	76	1.0	10.0	20,100
AT763010V9802	T41 76x3.0	A46S-BF Inox	76	3.0	10.0	20,100

Recommended for: ● Inox/Steel ● Steel



◀ PAGE 18 PRODUCT INFORMATION

CUTTING DISC FOR MACHINING STONE AND CAST MATERIAL



☆☆☆

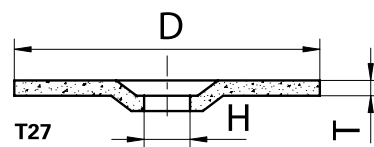
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AT115025V980201	T41 115x2.5	C24S-BF Stone	115	2.5	22.23	13,300
AT125025V980201	T41 125x2.5	C24S-BF Stone	125	2.5	22.23	12,200
AT180030V980201	T41 180x3.0	C24S-BF Stone	180	3.0	22.23	8,500
AT230030V980201	T41 230x3.0	C24S-BF Stone	230	3.0	22.23	6,600
AT115025V980202	T42 115x2.5	C24S-BF Stone	115	2.5	22.23	13,300
AT125025V980202	T42 125x2.5	C24S-BF Stone	125	2.5	22.23	12,200
AT230030V980202	T42 230x3.0	C24S-BF Stone	230	3.0	22.23	6,600
AT230030V980203	T42 230x3.0	C24R-BF Stone	230	3.0	22.23	6,600

Recommended for: ● Stone ● Cast material



◀ PAGE 19 PRODUCT INFORMATION

ROUGH GRINDING DISC FOR MACHINING STONE AND CAST MATERIAL



☆☆☆

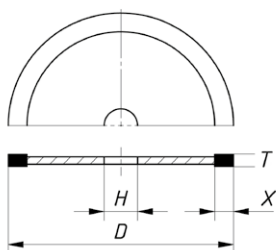
Product number	Description	Quality	Diameter D mm	Width T mm	Hole H mm	n max. rpm
AS115060V980201	T27 115x6.0	C24R-BF Stone	115	6.0	22.23	13,300
AS125060V980201	T27 125x6.0	C24R-BF Stone	125	6.0	22.23	12,200
AS000320V9802	T27 180x6.0	C24R-BF Stone	180	6.0	22.23	8,500
AS180080V980201	T27 180x8.0	C24R-BF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

Recommended for: ● Stone ● Cast material



◀ PAGE 19 PRODUCT INFORMATION

TC7 DIAMOND CUTTING DISCS THE COST-EFFECTIVE TURBO DISC FOR A CLEAN CUT



★☆☆

Product number	Description	Diameter D mm	Segment height X mm	Segment width T mm	H mm	n max. rpm
A345241151107775	TC7	115	7	2.4	22.23	13,300
A345241251107775	TC7	125	7	2.6	22.23	12,200
A345242301107775	TC7	230	7	3.2	22.23	6,600

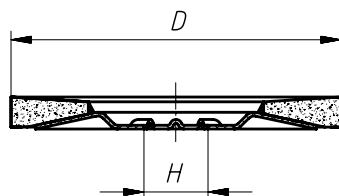
Recommended for: ● Stone



◀ PAGE 25 PRODUCT INFORMATION

GRINDING, POLISHING (FLEXIBLE)

V2 POWER X-LOCK LAMELLAR FLAP DISC EXTREME STOCK REMOVAL RATE AND TIME SAVINGS



★★★

Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A67441250401844	V2 Power 125	Ceramic 40	125	X-LOCK/22.23	12,200
A67441250601844	V2 Power 125	Ceramic 60	125	X-LOCK/22.23	12,200

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

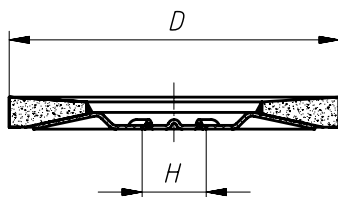
A67441250401865	V2 Power 125	ZK 40	125	X-LOCK/22.23	12,200
A67441250601865	V2 Power 125	ZK 60	125	X-LOCK/22.23	12,200

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



◀ PAGE 14 PRODUCT INFORMATION

SLTR X-LOCK LAMELLAR FLAP DISC THE INNOVATIVE MOUNTING SYSTEM



★★★

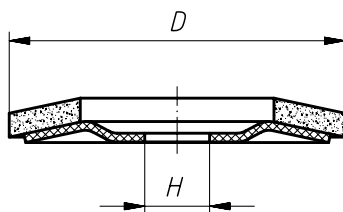
Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A67181250401865	SLTR 125	ZK 40	125	X-LOCK/22.23	12,200
A67181250601865	SLTR 125	ZK 60	125	X-LOCK/22.23	12,200
A67181250801865	SLTR 125	ZK 80	125	X-LOCK/22.23	12,200

Recommended for: ● Inox/Steel ● Steel



◀ **PAGE 14** PRODUCT INFORMATION

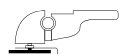
V4 MASTER THE MASTER IN ITS CLASS



★★★

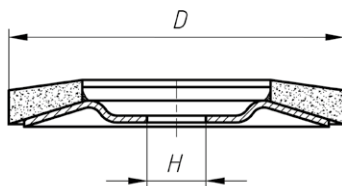
Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A27471150401465	V4 MASTER 115	ZK 40	115	22.23	13,300
A27471150601465	V4 MASTER 115	ZK 60	115	22.23	13,300
A27471250401465	V4 MASTER 125	ZK 40	125	22.23	12,200
A27471250601465	V4 MASTER 125	ZK 60	125	22.23	12,200
A27471780401465	V4 MASTER 178	ZK 40	178	22.23	8,500

Recommended for: ● Inox/Steel ● Steel



◀ **PAGE 26** PRODUCT INFORMATION

V4 PURPLE POWER LAMELLAR FLAP DISC FOR ROBOT USE



★★★

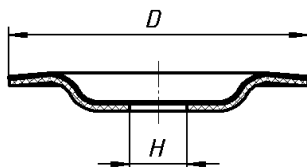
Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A274812503600475	V4 PURPLE-POWER 125	Ceramic 36	125	22.23	12,200
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium					



iq Serie

◀ **PAGE 27** PRODUCT INFORMATION

PURPLE GRAIN SINGLE COMPACT GRINDING DISC THE DYNAMIC ALL-ROUNDER



★★★

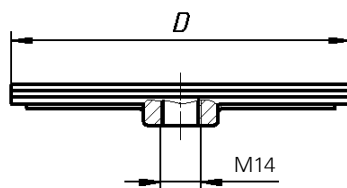
Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A27601150361547	Purple Grain Single 115	Ceramic 36	115	22.23	13,300
A27601250361547	Purple Grain Single 125	Ceramic 36	125	22.23	12,200
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium					



iq Serie

◀ **PAGE 27** PRODUCT INFORMATION

PURPLE GRAIN MULTI COMPACT GRINDING DISC TRIPLE THE STOCK REMOVAL RATE



★★★

Product number	Description	Grain	Diameter D mm	Thread	n max. rpm
A27621150361547	Purple Grain Multi 115	Ceramic 36	115	M14	13,300
A27621250361547	Purple Grain Multi 125	Ceramic 36	125	M14	12,200

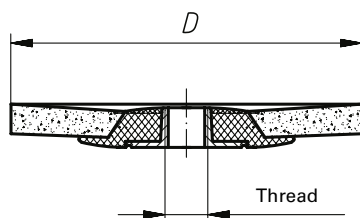
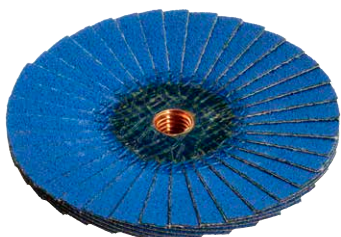
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



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◀ **PAGE 27** PRODUCT INFORMATION

SLTs-flex SUPERFLEX LAMELLAR FLAP DISC FOR EVEN MORE FLEXIBILITY



★★★

Product number	Description	Grain	Diameter D mm	Thread	n max. rpm
A272910004018	SLTs-flex 100	ZKS 40	100	M10	12,100
A272910006018	SLTs-flex 100	ZKS 60	100	M10	12,100
A272910008018	SLTs-flex 100	ZKS 80	100	M10	12,100
A672911504018	SLTs-flex 115	ZKS 40	115	M14	13,300
A672911506018	SLTs-flex 115	ZKS 60	115	M14	13,300
A672911508018	SLTs-flex 115	ZKS 80	115	M14	13,300
A672912504018	SLTs-flex 125	ZKS 40	125	M14	12,200
A672912506018	SLTs-flex 125	ZKS 60	125	M14	12,200
A672912508018	SLTs-flex 125	ZKS 80	125	M14	12,200
A272917804018	SLTs-flex 178	ZKS 40	178	M14	8,500
A272917806018	SLTs-flex 178	ZKS 60	178	M14	8,500
A272917808018	SLTs-flex 178	ZKS 80	178	M14	8,500

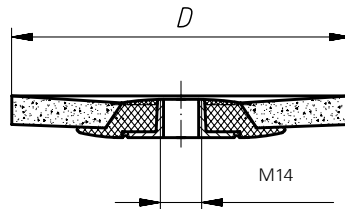
Recommended for: ● Inox/Steel ● Steel



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◀ **PAGE 26** PRODUCT INFORMATION

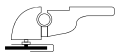
SLTflex CERAMIC LAMELLAR FLAP DISC THE FLEXIBLE INNOVATION



★★★

Product number	Description	Grain	Diameter D mm	Thread	n max. rpm
A272711504070	SLTflex 115	Ceramic 40	115	M14	13,300
A272711506070	SLTflex 115	Ceramic 60	115	M14	13,300
A272712504070	SLTflex 125	Ceramic 40	125	M14	12,200
A272712506070	SLTflex 125	Ceramic 60	125	M14	12,200

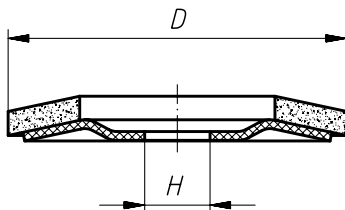
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium



iq Serie

◀ **PAGE 28** PRODUCT INFORMATION

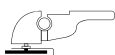
SLTR CONTROL LAMELLAR FLAP DISC FOR MONITORING WORK PROGRESS



★★★

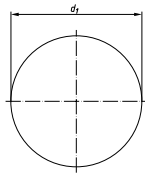
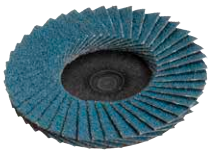
Product number	Description	Grain	Diameter D mm	H mm	n max. rpm
A27461150401406	SLTR 115 Control	ZK 40 INOX	115	22.23	13,300
A27461150601406	SLTR 115 Control	ZK 60 INOX	115	22.23	13,300
A27461150801406	SLTR 115 Control	ZK 80 INOX	115	22.23	13,300
A27461250401406	SLTR 125 Control	ZK 40 INOX	125	22.23	12,200
A27461250601406	SLTR 125 Control	ZK 60 INOX	125	22.23	12,200
A27461250801406	SLTR 125 Control	ZK 80 INOX	125	22.23	12,200

Recommended for: ● Inox/Steel ● Steel



◀ **PAGE 25** PRODUCT INFORMATION

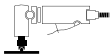
SLTG MINI GRINDING SYSTEM SELF-CLAMPING



★★☆

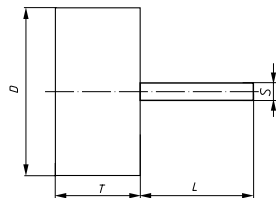
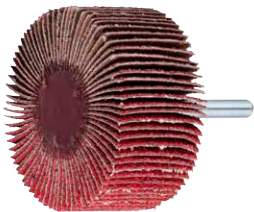
Product number	Description	Grain	d ₁ mm	n max. rpm	Suitable abrasive disc mandrel
A33310500401623	SLTG 050 R	ZK 40	50	19,000	GTR 038.06
A33310500601623	SLTG 050 R	ZK 60	50	19,000	GTR 038.06
A33310500801623	SLTG 050 R	ZK 80	50	19,000	GTR 038.06
A33310501201623	SLTG 050 R	ZK 120	50	19,000	GTR 038.06
A33310650401623	SLTG 065 R	ZK 40	65	14,700	GTR 050.06
A33310650601623	SLTG 065 R	ZK 60	65	14,700	GTR 050.06
A33310650801623	SLTG 065 R	ZK 80	65	14,700	GTR 050.06
A33310750401623	SLTG 075 R	ZK 40	75	12,700	GTR 050.06
A33310750601623	SLTG 075 R	ZK 60	75	12,700	GTR 050.06
A33310750801623	SLTG 075 R	ZK 80	75	12,700	GTR 050.06
A33310751201623	SLTG 075 R	ZK 120	75	12,700	GTR 050.06

Recommended for: ● Inox/Steel ● Steel ● Titanium



◀ PAGE 25 PRODUCT INFORMATION

SFL CERAMIC MOUNTED FLAP WHEEL MADE OF ABRASIVE CLOTH



★★★

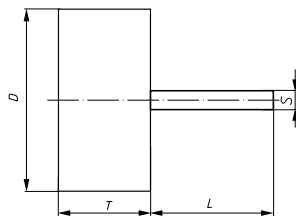
Product number	Description	Grain	D mm	T mm	S mm	L mm	n recomm. rpm	n max. rpm
A2214020206080	SFL 02020.06	Ceramic 80	20	20	6	40	20,000	38,200
A2214020206120	SFL 02020.06	Ceramic 120	20	20	6	40	20,000	38,200
A2214030106060	SFL 03010.06	Ceramic 60	30	10	6	40	16,000	25,400
A2214030106080	SFL 03010.06	Ceramic 80	30	10	6	40	16,000	25,400
A2214030106120	SFL 03010.06	Ceramic 120	30	10	6	40	16,000	25,400
A2214040206060	SFL 04020.06	Ceramic 60	40	20	6	40	12,000	19,100
A2214040206080	SFL 04020.06	Ceramic 80	40	20	6	40	12,000	19,100
A2214040206120	SFL 04020.06	Ceramic 120	40	20	6	40	12,000	19,100
A2214060156080	SFL 06015.06	Ceramic 80	60	15	6	40	8,000	12,700
A2214060156120	SFL 06015.06	Ceramic 120	60	15	6	40	8,000	12,700
A2214060306060	SFL 06030.06	Ceramic 60	60	30	6	40	8,000	12,700
A2214060306080	SFL 06030.06	Ceramic 80	60	30	6	40	8,000	12,700
A2214060306120	SFL 06030.06	Ceramic 120	60	30	6	40	8,000	12,700

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



◀ PAGE 28 PRODUCT INFORMATION

SFV MOUNTED FLAP WHEEL MADE OF ABRASIVE FLEECE LAMELLAR INSERTS



★★★

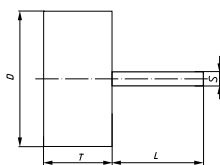
Product number	Description	Grain	D mm	T mm	S mm	L mm	n recomm. rpm	n max. rpm
A2203030106306	SFV 03010.06	Z 306	30	10	6	40	10,000	14,000
A2203040206306	SFV 04020.06	Z 306	40	20	6	40	7,500	14,000
A2203050106306	SFV 05010.06	Z 306	50	10	6	40	6,000	11,000
A2203060306306	SFV 06030.06	Z 306	60	30	6	40	5,000	9,000
A2203080506306	SFV 08050.06	Z 306	80	50	6	40	4,000	7,000

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



◀ **PAGE 30** PRODUCT INFORMATION

MFS MINI MOUNTED FLAP WHEEL MADE OF ABRASIVE CLOTH



★★☆

Product number	Description	Grain	D mm	T mm	S mm	L mm	n max. rpm
A2205015106150	MFS 01510.06	NK 150	15	10	6	40	18,000
A2205015106150001	MFS 01510.06	NK 150	15	10	6	100	18,000
A2205015306150	MFS 01530.06	NK 150	15	30	6	40	18,000
A2205015306150001	MFS 01530.06	NK 150	15	30	6	100	18,000
A2205020106150	MFS 02010.06	NK 150	20	10	6	40	18,000
A2205020106150001	MFS 02010.06	NK 150	20	10	6	100	18,000
A2205020306150	MFS 02030.06	NK 150	20	30	6	40	18,000
A2205020306150001	MFS 02030.06	NK 150	20	30	6	100	18,000
A2205025106150	MFS 02510.06	NK 150	25	10	6	40	18,000
A2205025106150001	MFS 02510.06	NK 150	25	10	6	100	18,000
A2205025306150	MFS 02530.06	NK 150	25	30	6	40	18,000
A2205025306150001	MFS 02530.06	NK 150	25	30	6	100	18,000

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



◀ **PAGE 30** PRODUCT INFORMATION

LWL/LWV/LWM FLAP ROLLS

MADE OF ABRASIVE CLOTH/ABRASIVE FLEECE AND ABRASIVE FLEECE/CLOTH COMBINED WITH INTERNAL THREAD



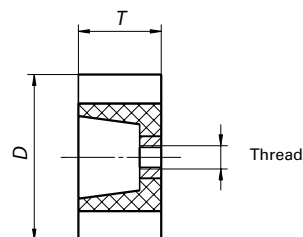
LWL



LWV



LWM

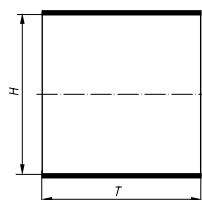


★★☆

Product number	Description	Grain	D mm	T mm	Thread	n recomm. rpm	n max. rpm
A2280100501060	LWL 100050	NK 60	100	50	M14	3,700	6,000
A2280100501080	LWL 100050	NK 80	100	50	M14	3,700	6,000
Recommended for: ● Steel ● Cast material ● Plastic							
A2286100501104	LWV 100050	A 104	100	50	M14	2,800	6,000
A2286100501106	LWV 100050	A 106	100	50	M14	2,800	6,000
A2286100501107	LWV 100050	A 107	100	50	M14	2,800	6,000
A2288100501104	LWM 100050	A 104/80	100	50	M14	2,800	6,000
A2288100501106	LWM 100050	A 106/150	100	50	M14	2,800	6,000
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Plastic							

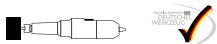
◀ PAGE 30 PRODUCT INFORMATION

SBZY CERAMIC ABRASIVE BAND CYLINDRICAL



★★★

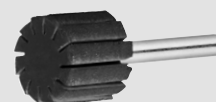
Product number	Description	Grain	H mm	T mm
A240603030040	SBZY 03030	Ceramic 40	30	30
A240603030060	SBZY 03030	Ceramic 60	30	30
A240604530040	SBZY 04530	Ceramic 40	45	30
A240604530060	SBZY 04530	Ceramic 60	45	30
A240604530080	SBZY 04530	Ceramic 80	45	30
A240606030040	SBZY 06030	Ceramic 40	60	30
A240606030060	SBZY 06030	Ceramic 60	60	30
Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium				



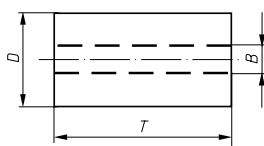
◀ PAGE 29 PRODUCT INFORMATION

THE SUITABLE MANDREL FOR OUR ABRASIVE BANDS

STZY abrasive band mandrel, cylindrical: Our mandrels serve exclusively as the means for mounting the cylindrical abrasive bands. Due to the special slots in the mandrel, the abrasive band is firmly secured to the mandrel by the increasing spindle speed.



SRZY CERAMIC ABRASIVE ROLLS CYLINDRICAL



★★★

Product number	Description	Grain	D mm	T mm	B mm	n max. rpm	Suitable abrasive roll mandrels
A2403006380600001	SRZY 0638	Ceramic 60	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06
A2403006380800001	SRZY 0638	Ceramic 80	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06
A2403006381200001	SRZY 0638	Ceramic 120	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06
A2403010380600001	SRZY 1038	Ceramic 60	10	38	3	24,000	SRTR 3070.06
A2403010380800001	SRZY 1038	Ceramic 80	10	38	3	24,000	SRTR 3070.06
A2403010381200001	SRZY 1038	Ceramic 120	10	38	3	24,000	SRTR 3070.06
A2403013380600001	SRZY 1338	Ceramic 60	13	38	3	24,000	SRTR 3070.06
A2403013380800001	SRZY 1338	Ceramic 80	13	38	3	24,000	SRTR 3070.06
A2403013381200001	SRZY 1338	Ceramic 120	13	38	3	24,000	SRTR 3070.06

Recommended for: ● Steel ● Cast material ● Plastic



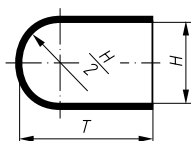
◀ PAGE 29 PRODUCT INFORMATION

THE SUITABLE MANDREL FOR OUR ABRASIVE ROLLS

SRTR abrasive roll mandrel: Reusable tool carriers for secure mounting of cylindrical and conical abrasive rolls.



CERAMIC ABRASIVE CAPS WITH SELF-DRESSING CERAMIC GRAIN



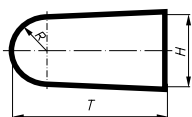
★★★

Product number	Description	Grain	Height H mm	Depth T mm
A21120052080	SKWR 0511	Ceramic 80	5	11
A21120052150	SKWR 0511	Ceramic 150	5	11
A21120072080	SKWR 0713	Ceramic 80	7	13
A21120072150	SKWR 0713	Ceramic 150	7	13
A21120102080	SKWR 1015	Ceramic 80	10	15
A21120102150	SKWR 1015	Ceramic 150	10	15
A21120132080	SKWR 1319	Ceramic 80	13	19
A21120132150	SKWR 1319	Ceramic 150	13	19
A21120162080	SKWR 1626	Ceramic 80	16	26
A21120162150	SKWR 1626	Ceramic 150	16	26

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



◀ PAGE 12 PRODUCT INFORMATION

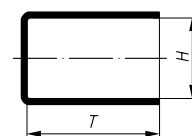


SKKE – Conical

★★★

Product number	Description	Grain	Height H mm	Depth T mm
A2112051080	SKKE 0515	Ceramic 80	5	15
A2112051150	SKKE 0515	Ceramic 150	5	15
A2112112080	SKKE 1125	Ceramic 80	11	25
A2112112150	SKKE 1125	Ceramic 150	11	25
A2112163080	SKKE 1632	Ceramic 80	16	32
A2112163150	SKKE 1632	Ceramic 150	16	32
A2112224080	SKKE 2140	Ceramic 80	21	40
A2112224150	SKKE 2140	Ceramic 150	21	40

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

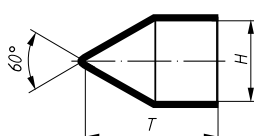


SKZY – Cylindrical

★★★

Product number	Description	Grain	Height H mm	Depth T mm
A21120051080	SKZY 0510	Ceramic 80	5	10
A21120051150	SKZY 0510	Ceramic 150	5	10
A21120071080	SKZY 0712	Ceramic 80	7	12
A21120071150	SKZY 0712	Ceramic 150	7	12
A21120101080	SKZY 1015	Ceramic 80	10	15
A21120101150	SKZY 1015	Ceramic 150	10	15
A21120131080	SKZY 1317	Ceramic 80	13	17
A21120131150	SKZY 1317	Ceramic 150	13	17
A21120161080	SKZY 1626	Ceramic 80	16	26
A21120161150	SKZY 1626	Ceramic 150	16	26

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



SKWK – Cylindrical pointed nose

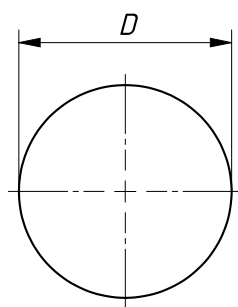
★★★

Product number	Description	Grain	Height H mm	Depth T mm
A21120053080	SKWK 0511	Ceramic 80	5	11
A21120053150	SKWK 0511	Ceramic 150	5	11
A21120073080	SKWK 0713	Ceramic 80	7	13
A21120073150	SKWK 0713	Ceramic 150	7	13
A21120103080	SKWK 1015	Ceramic 80	10	15
A21120103150	SKWK 1015	Ceramic 150	10	15
A21120133080	SKWK 1319	Ceramic 80	13	19
A21120133150	SKWK 1319	Ceramic 150	13	19
A21120163080	SKWK 1626	Ceramic 80	16	26
A21120163150	SKWK 1626	Ceramic 150	16	26

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



PSH COMPACT GRAIN ABRASIVE DISCS SELF-FIXING



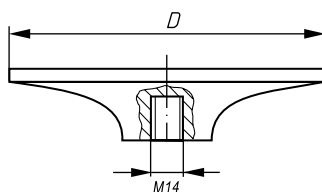
★★☆

Product number	Description	Grain	Diameter D mm	n recomm. rpm	n max. rpm
A73001150800001	PSH 115	NK 80	115	4,800	8,000
A73001151200004	PSH 115	NK 120	115	4,800	8,000
A73001152400005	PSH 115	NK 240	115	4,800	8,000
A73001154000005	PSH 115	NK 400	115	4,800	8,000
A73001158000005	PSH 115	NK 800	115	4,800	8,000
A73001151210005	PSH 115	NK 1200	115	4,800	8,000
A73001250800005	PSH 125	NK 80	125	4,600	7,650
A73001251200005	PSH 125	NK 120	125	4,600	7,650
A73001252400005	PSH 125	NK 240	125	4,600	7,650
A73001254000005	PSH 125	NK 400	125	4,600	7,650
A73001258000005	PSH 125	NK 800	125	4,600	7,650
A73001251210005	PSH 125	NK 1200	125	4,600	7,650
A73001500800005	PSH 150	NK 80	150	3,800	6,350
A73001501200006	PSH 150	NK 120	150	3,800	6,350
A73001502400005	PSH 150	NK 240	150	3,800	6,350
A73001504000005	PSH 150	NK 400	150	3,800	6,350
A73001508000005	PSH 150	NK 800	150	3,800	6,350
A73001501210005	PSH 150	NK 1200	150	3,800	6,350

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

◀ PAGE 8 PRODUCT INFORMATION

GTHX ABRASIVE DISC CARRIER FOR SELF-FIXING ABRASIVE DISCS

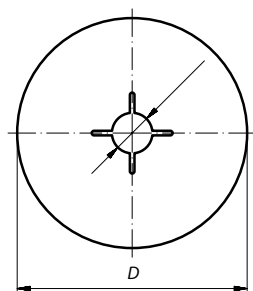
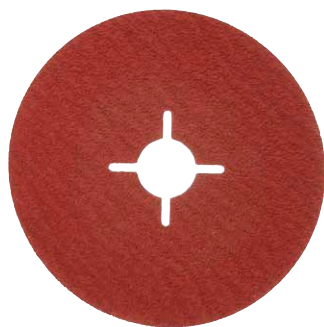


★★☆

Product number	Description	Thread	Diameter D mm	n max. rpm
A38311151004	GTHX 115	M14	115	8,000
A38311251004	GTHX 125	M14	125	7,650
A38311501004	GTHX 150	M14	150	6,350

◀ PAGE 8 PRODUCT INFORMATION

FIS CERAMIC FIBRE DISCS WITH SLOTTED HOLE



★★★

Product number	Description	Grain	Diameter D mm	Hole	n max. rpm
A383011502030001	FIS 115	Ceramic 20	115	22	13,300
A383011503630001	FIS 115	Ceramic 36	115	22	13,300
A383011504030001	FIS 115	Ceramic 40	115	22	13,300
A383011505030001	FIS 115	Ceramic 50	115	22	13,300
A383011506030001	FIS 115	Ceramic 60	115	22	13,300
A383011508030001	FIS 115	Ceramic 80	115	22	13,300
A383012502030001	FIS 125	Ceramic 20	125	22	12,200
A383012502430001	FIS 125	Ceramic 24	125	22	12,200
A383012503630001	FIS 125	Ceramic 36	125	22	12,200
A383012504030001	FIS 125	Ceramic 40	125	22	12,200
A383012506030001	FIS 125	Ceramic 60	125	22	12,200
A383012508030001	FIS 125	Ceramic 80	125	22	12,200
A383012512030001	FIS 125	Ceramic 120	125	22	12,200
A383015002030001	FIS 150	Ceramic 20	150	22	10,200
A383015003630001	FIS 150	Ceramic 36	150	22	10,200
A383015004030001	FIS 150	Ceramic 40	150	22	10,200
A383018002030001	FIS 180	Ceramic 20	180	22	8,500
A383018003630001	FIS 180	Ceramic 36	180	22	8,500
A383018004030001	FIS 180	Ceramic 40	180	22	8,500
A383018006030001	FIS 180	Ceramic 60	180	22	8,500
A383018008030001	FIS 180	Ceramic 80	180	22	8,500

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



◀ PAGE 29 PRODUCT INFORMATION

Legend

OUR PRODUCT LINES

The product line is indicated with a simple star system:



High Performance



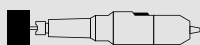
Industry



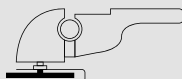
Base

THE RIGHT POWER TOOLS

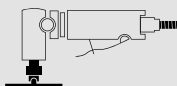
Straight grinder



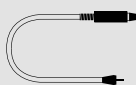
Free-hand angle grinder



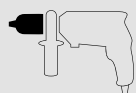
Pneumatic angle grinder



Flexible shaft grinder



Boring machine



Masthead

Publisher

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