

www.lukas-erzett.com



Products. Applications. 2014

Always the right tool





Unique. Multi-talented. LUKAS

Anytime – Anywhere

High performance tools
for the world market

Continuous process development

Changes
create new
possibilities

Surface finish optimisation consultant

Individual.
Problem solver.
Innovative.

We are there for you

Assortments for distributors

Excellent presentation
at point of sale

Quality is not by chance

High performance
consistency at
all levels

$$E = iq + M^2$$

Success = innovative quality
+ focus on people

A strong brand awareness



Challenges drive us to a first class performance

See. Learn.
Apply.

Product range

- High Performance
- Industry
- Base

Optimised logistic

**Multi-faceted.
Ability in abundance.
A network.**



Forceful product and technological development

Identify trends early and immediately formulate the correct solution.

Family concern

A stable balance of growth, risk and return

Always the right tool

Special tools for special applications

B2B

There is no such word as „can't“!

Consultation on site



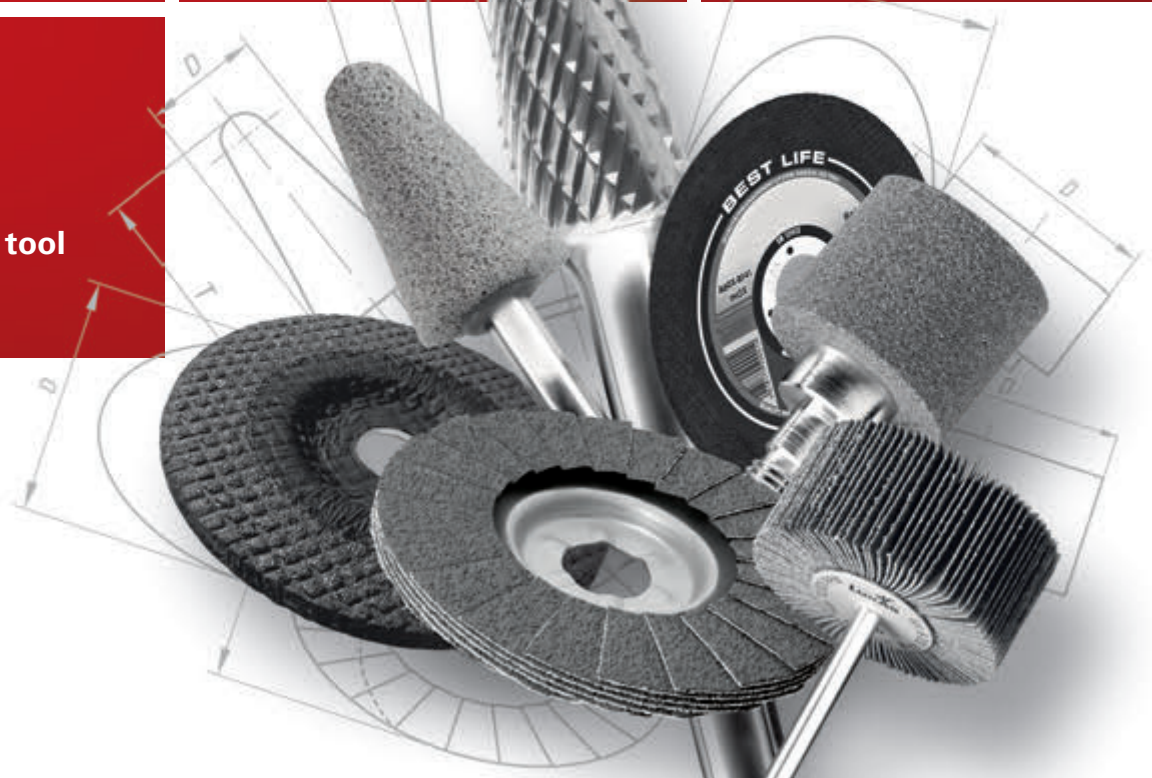
Catalogue

Perfect navigation to the correct tool



Focus on people

Our employees are the most important tool



Powerful tool innovations at a glance



Tungsten Carbide Burrs with TiAlN-coating
For an even longer service life.

Page 56



Rasp burrs and Rotary files
For lightweight materials and excellent surfaces.

Page 57



Burrs with extended shank length
For places difficult to reach.

Page 60



Mounted points in CERAMIC quality
For the hardest materials.

From page 106



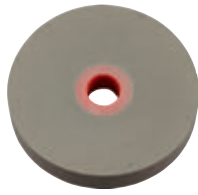
Mounted points, HOK type
With spherical shape aluminium oxide for rubber and plastics.

Page 110



Mounted points, conical, RKD 46 O V13
For welding seam machining.

Page 118



Polishing wheels, group P6

For best surface finishes.

Page 157



Cutting and grinding discs in a new design

For greater perspective.

From page 175



97 new cutting and grinding discs

Perfectly engineered for your application.

From page 184



Abrasive disc for cutting and deburring

For rapid, efficient working.

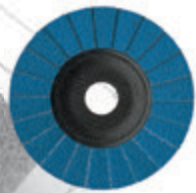
Page 195



Diamond disc LD3 S13

For top performance in concrete and construction material.

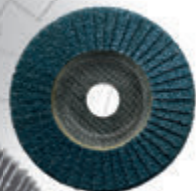
Page 211



Flap disc V2 Power

Now also available with 230 mm diameter.

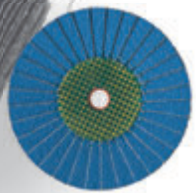
Page 234



Flap disc V4 Master

For rounding off sharp edges.

Page 239



Flap disc SLTflex – the fillet weld professional

Now with M14 or 5/8" thread.

Page 241



...and even more innovations



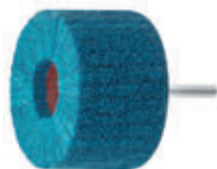
Flap disc SLTK with plastic backing plate
For every application.

Page 248



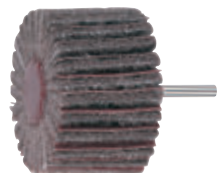
LSL- the flap wheel for angle grinders
Now with M14 or 5/8" thread.

Page 280



Mounted flap wheel with zirconia fleece
For a perfect finish.

Page 269



Mounted flap wheel with TF fleece
With reinforced fleece for uniform wear.

Page 273



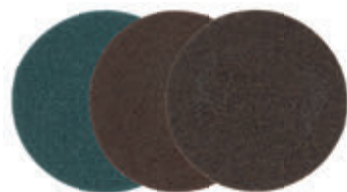
Conditioning rolls with thread
For speed-controlled angle grinders.

From page 289



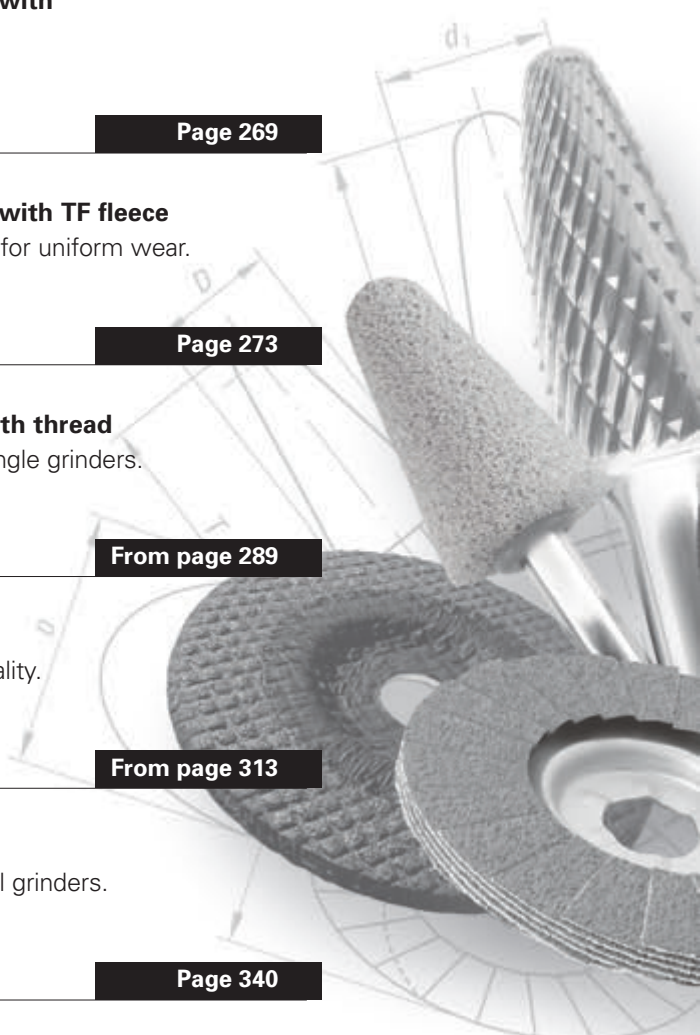
Abrasive caps NKS
Improved industrial quality.

From page 313



Abrasive fleece discs
For eccentric and angel grinders.

Page 340





Semi-flexible grinding disc SHF

For paint, adhesive, plastic, etc.

Page 346



Backing pad STF HL with cooling ribs

For optimum cooling and increased performance.

Page 347



Power tools TGD with turbo drive

Maximum speed and performance.

Page 388



Conditioning machine ESM

Creates high-gloss stainless steel surfaces.

Page 390



LUKAS dealer products for point of sale

A wide range of new packaging for dealers.

From page 392



Arbors ASB

For optimum mounting.

Page 402

LUKAS tool recommendation – the free test package

For testing selected tools.

On the internet under www.lukas-erzett.com

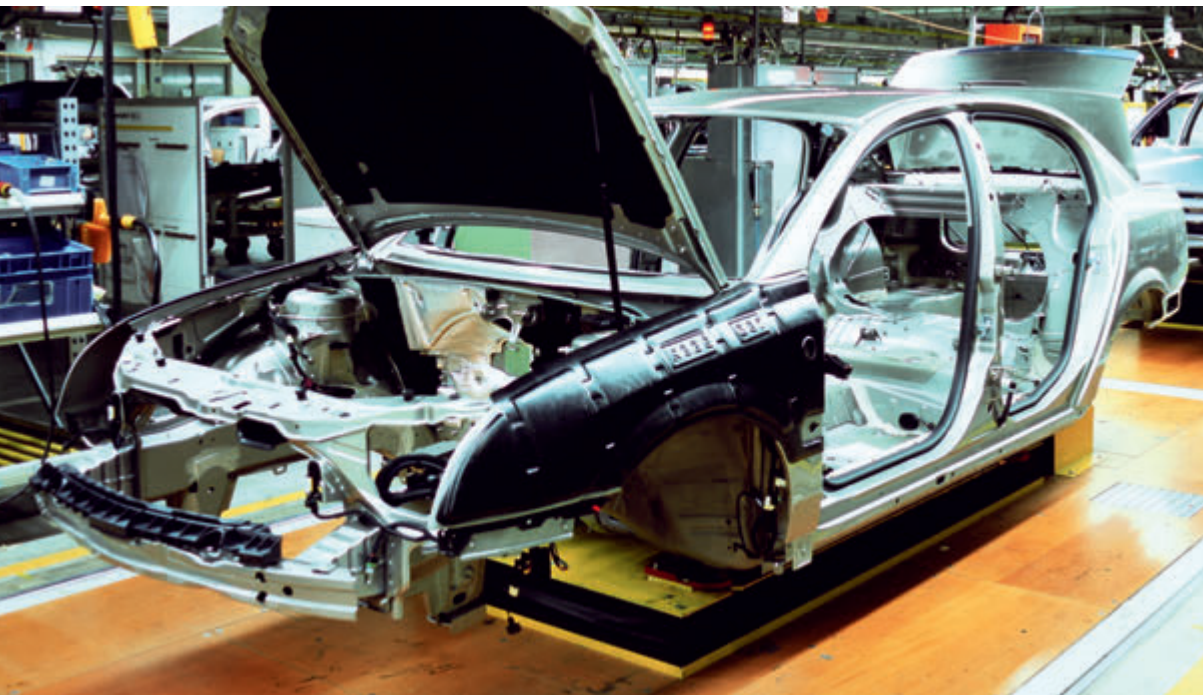




My idea.

Professionally put into practice.

My success.



Unique. Versatile. LUKAS.

Our motto “Always the right tool at hand” is a promise that we, as an owner-managed international industrial company, have adhered to day after day for your benefit – for more than 75 years!

Excellent quality, high performance and efficiency – these are the advantages you can expect from our brands. Strict quality and safety standards ensure that you can work safely and ergonomically with our tools, despite deadline pressure and a harsh working environment.



Surface optimisation consultancy

Benefit from our customized tool solutions. We work with you to develop an individual customized solution if you cannot find the right product in our comprehensive catalogue range.

Our application experts and design engineers speak your language and are committed to providing maximum service by gaining a thorough understanding of your processes.

Contact us today! Our surface optimization consultants will assist you during selection of your individual tool.



LUKAS – high performance tools for the world market



LUKAS site 1, Engelskirchen

**Schleifscheibenfabrik Rottluff,
Chemnitz**

As a leading European specialist for the development and manufacture of high quality tools for deburring, grinding and polishing, we have high expectations: the consistent achievement of customer satisfaction.

Partly through our innovative production solutions, we provide you with a competitive edge which will contribute to your success in the marketplace. We advise and support you via our international organisations.



LUKAS-sales-team national



Laura-Jane Alberts



Nadine Behnke



Frank Bosbach



Gudrun Böttcher



Eva Jensch



Christian Pallesche



Markus Pollak



Günter Rosner



Lukas Schultz



Ulrike Thomas

LUKAS-sales-team international



Julia Alef



Adam Angres



Claudia Biesenbach



Andrea Bittner



Pawel Bojar



Marcus W. Held



Christoph Hoffmann



Sandra Holtzem



Dorothea Konopka



Katharina Kroner



Maria Lopez-Lopez



Aline Matenia



Martin Reif



Marion Riettmann



Bernd Schorr



Tobias Tröbs



Nathalie Poulalier-Thiel



Elke Twardowski



Sarah Michelle Villanueva

We are there for you:
Fon +49 2263 84-0 · Fax +49 2263 84-327
le@lukas-erzett.de





Special challenges require special tools



With the resources of a privately owned company and production flexibility, we can offer not only individual solutions but also more than 4,500 ex-stock products with their recommended applications.

As a pioneer of such a customer friendly philosophy, we have at our disposal a solid wealth of experience.

Always the right tool.



Quality is no coincidence

Our goal is high performance: Understand the basic conditions and evaluate daily. This concept is strictly used at all levels – at the desk or workbench. In any event, you can rely on the highly esteemed LUKAS – quality.

All processes are centrally controlled by regular audits of the DQS quality management system (DIN EN 9001: 2008 and VDA 6 Part 4)
We live and breathe quality!



We put great emphasis on all aspects of safety – especially the LUKAS abrasive products (in the catalogue bearing the oSa-logo) which are manufactured and tested to the appropriate stringent oSa safety regulations. In addition, we strongly advise that notice is taken of the FEPA safety recommendations when using our abrasive products; these can be downloaded from www.lukas-erzett.com.



Please note the FEPA safety recommendations for the safe handling of grinding tools. These can be downloaded from www.lukas-erzett.com



The Symbol of Safety

Organization for the Safety of Abrasives (oSa), website: www.osa-abrasives.org

In addition, we are members to the following professional associations:



Verband Deutscher Schleifmittelwerke e. V.
www.vds-bonn.de



Fachverband Werkzeugindustrie e. V.
www.werkzeug.org



Tool safety

We therefore manufacture and test our tools in according with the specifications of the following standards:

- EN 12413** Safety requirements for bonded abrasive products
- EN 13743** Safety requirements for coated abrasive products
- EN 13236** Safety requirements for diamond and CBN products
- EN 1083-2** Power driven brushes - Part 2: Safety requirements



For all materials and for any application

Colour coding system

To easily identify products in the catalogue, we have colour coded our product groups – simply turn to your relevant colour.

Milling and Engraving Tools



CBN- and diamond tools for precision machining



Bonded Grinding and Polishing Tools



Power Tools



Cutting and Grinding Discs



Product selection for retailers, assortments and accessories



Flexible Grinding and Polishing Tools



Which product for which material?

The material best suited to our tools is denoted by numerals for the respective application recommendation. The fold-out on the last page identifies which material relates to which number. To search, simply unfold and you will immediately be able to identify which tool is best suited respectively suitable for a particular material classification.



Material Groups

sixteen different material groups distinguish the area of application for the specific tools. The material-group-no. categorizes the application in conjunction with the material to be processed into best suitable and suitable.

Product lines, series and brands

Product lines and series are identified as follows in product tables:

- 1 Brand identification
- 2 Product line identification
- 3 Product series identification



LUKAS product lines and brands

The quality and categories of our different product lines continue to be identified using colours.

High Performance

Top quality products with an **optimal tool life** to cost ratio



Industry

Proven product range with **excellent performance** to price ratio



Base

Tools with **attractive price** to performance ratio



iQ Series

Within our product identification iQ-Series, we have incorporated our High Performance Range. All aspects have been optimised regarding performance and tool life. You benefit from an exceptional stock removal rate, extremely long tool life, more flexibility in areas of application, greater vision of the workpiece etc etc etc.

Technical teaching centre: See. Learn. Apply.



In our modern equipped test and schooling centre, we impart important knowledge regarding our products; and we give you the opportunity in the adjoining test centre to put theory into practise.

We would be pleased to arrange for you:

- **Practical ad theoretical schooling**
- **Competent technical product advise**
- **Individual tooling trials**

**Call us: +49 2263 84-0
and make an appointment
with us.**

We would appreciate your visit

Do you want to experience LUKAS live? We would be pleased to give you a personal invitation and welcome you to Engelskirchen. We are glad to be of service and would appreciate the opportunity to demonstrate emphatically how you can benefit from applying our tooling solutions; these can be individually tailored to your specific requirements.



LUKAS-ERZETT Vereinigte Schleif- und Fräswerkzeugfabriken GmbH & Co. KG
Gebrüder-Lukas-Straße 1
51766 Engelskirchen · Germany
Fon +49 2263 84-0 · Fax +49 2263 84-300
le@lukas-erzett.de





Fast. Safe. Cost-effective.



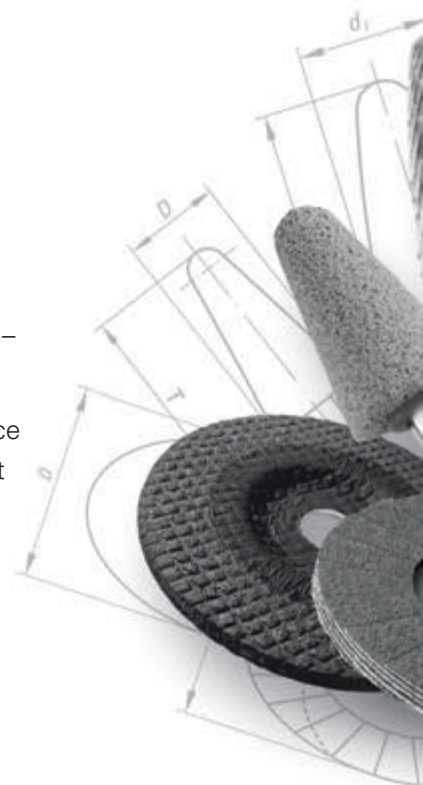
Optimal logistics ensures maximum service.

Since the end of April 2013 tightened safety regulations are valid EU-wide for airfreight shipments. According to the new regulations the airfreight of a company can only be considered as "safe" if it has the status of „officially recognized known sender“.

If this status is missing, the freight has to be considerably checked by a service provider – higher costs and possible delays are the consequences.

We are one of the first companies which has been validated by the Federal Aviation Office as "Known Sender". On April 25th, 2013 – even before the amendment came into effect we were granted the authorization of the Federal Aviation Office.

Due to the status „Known Sender“ we are able to hand over your airfreight – fast, safe and cost-effective – to a certified forwarding company without further examination.



Top services for you

In addition to developing outstanding and innovative tools, we make focused investments in optimizing our services. A good example for this is our new logistics centre at Engelskirchen.

With this centre, we are able to supply goods across Europe within just 48 hours. We believe that this contributes to smooth workflows for your production and ensures that we are more closely involved in your processes.

Our optimized logistics service includes the use of advanced Navision ERP software with tailored eCommerce solutions. Using this software, we can provide electronic catalogues to BME standard or can handle your orders electronically right up to the delivery note.

We offer data handling in all current formats (ASCII, XML, EDIFACT, VDA, BMECat, Opentrans) as well as transmission via http, https, Telebox, e-mail or Odette. In addition, connection with NEXMART, the dealer portal for hardware, tools and fittings, is available.



Our IT-staff is always at your disposal for any advice





LUKAS Products for Retailers

We have packaged some of our products in special boxes designed specifically for the retail trade. To support you in selling our products with strong and uniform brand positioning, we will also send you practical presentation racks in an eye-catching design.



Excellent Presentation

By lighting the racks from above, the attention of your customers will be drawn straight to the products.



Customer Friendly Assortment

The pegs can be placed in the back wall of the rack in many different ways so you can present the LUKAS product line in many different ways.



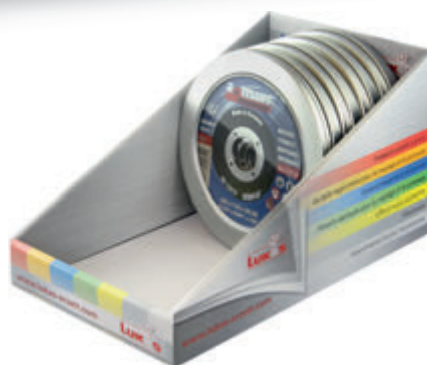
Practical Drawer

The drawer in the rack provides you with enough space to maintain an adequate supply.



The LUKAS dealer range comprises:

- iQ series
- Mounted points
- Mounted flap wheels
- Tungsten carbide burrs
- Tool-sets



LUKAS sales promotion at the POS

We have greatly enhanced our dealer portfolio so that you can offer a broader LUKAS range, which includes tools for different applications. In addition to the iQ series, we provide mounted points, mounted flap wheels, tungsten carbide burrs und tool-sets in modern, appealing LUKAS sales packaging.

All packs come with the information necessary for your customers to be able to choose the tool they want without the need to ask. The POS presentation format enables customers to pick up the packs themselves, whilst at the same time serves as a point of contact if they wish to ask for more information about products and the product range.

With the versatile LUKAS dealer range, you can attract additional target groups, who regard outstanding quality and the good image of an established brand as being of great importance.

