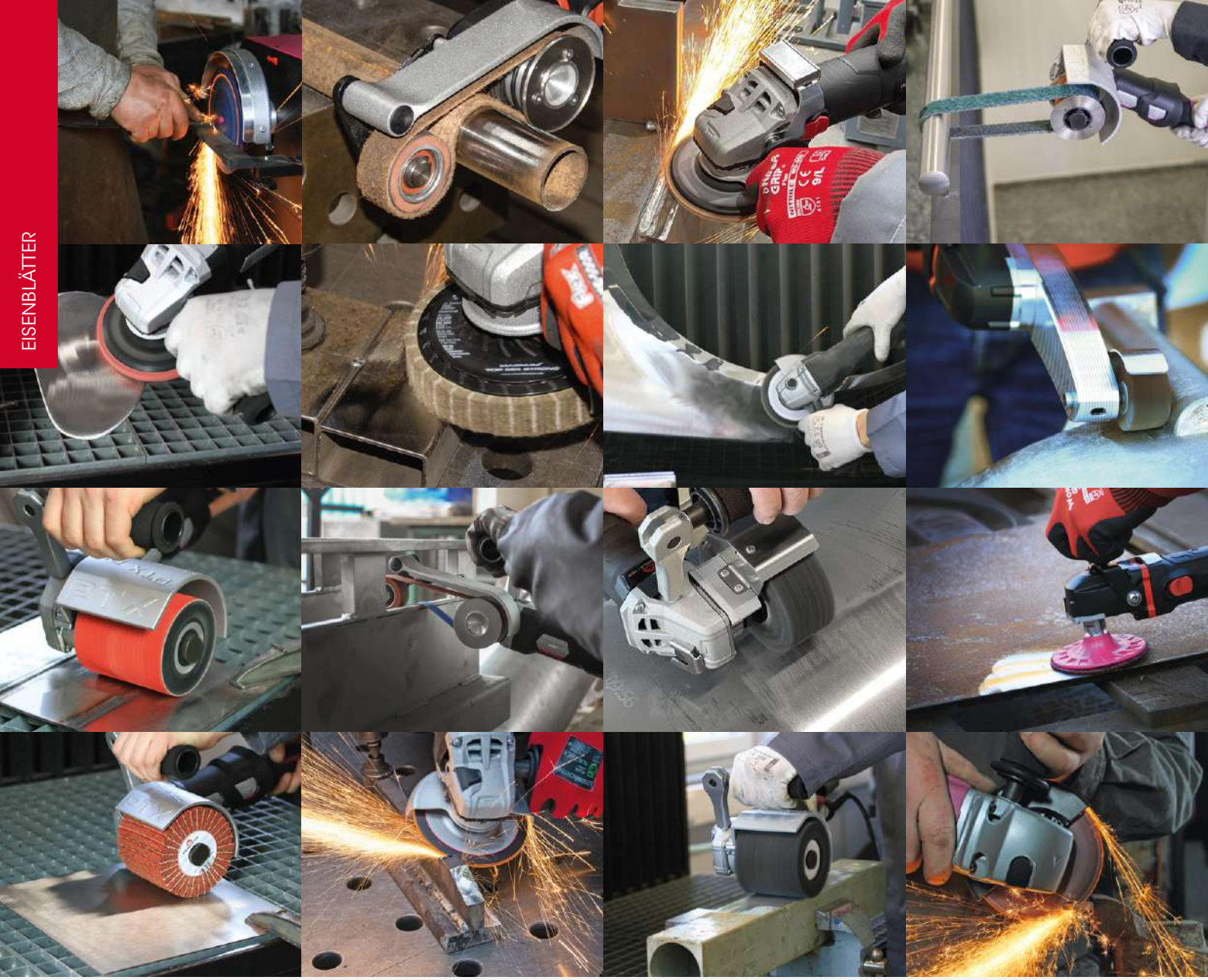
EISENBLÄTTER

Simply better ideas.



# SURFACE TECHNOLOGIES FOR SPECIALISTS

EISENBLÄTTER GRINDING TOOLS



## HOW TO CONTACT US


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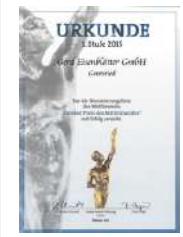

# Quality from our own production for over 50 years

**For more than 50 years, Eisenblätter** has been producing new, **sophisticated techniques for the surface treatment** of stainless steel and non-ferrous metals. Creating highly decorative surfaces with the least amount of effort is our guiding principle. Many well-known companies worldwide have been using the wealth of experience and often superior techniques for decades. **Over 80 patents** and intellectual **property rights** protect Eisenblätter`s unique know-how, true to the motto **"Simply better ideas".** Many of today`s established tools for surface treatment originated at Eisenblätter. Such as the hand-held linear grinding machine with accessories, or zirconium flap discs for high-speed angle grinders, to name just a few. Eisenblätter has received a number of state awards and business awards over the years.



Company tour 2008: Visit of Minister Ilse Aigner and member of the German Parliament Dagmar Wöhrl.
























2021
50 YEARS

Top Innovation in Surface Technologies

# Certified quality

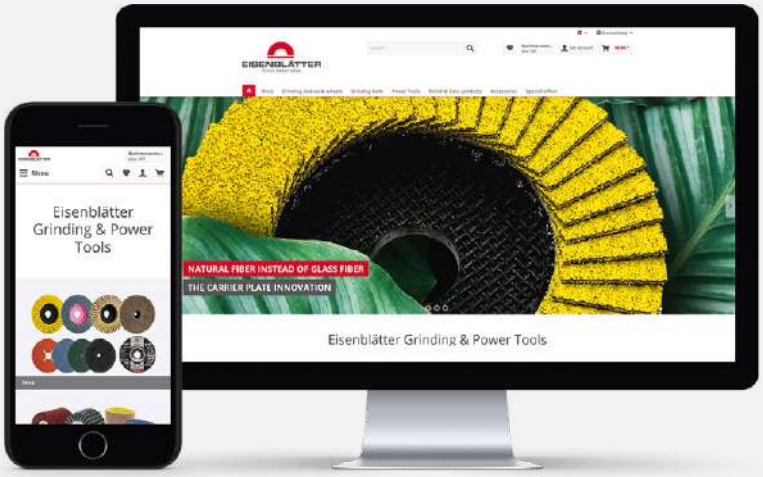
## DIN ISO certification according to the latest standards




**Eisenblätter GmbH – inventor and innovation driver of many grinding techniques known today – was successfully certified in 2020 according to the latest DIN ISO 9001:2015.**

This certification in quality management guarantees our customers verifiable and consistent top quality of our high-tech products manufactured in Germany.

Product safety, user friendliness and environmental friendliness have been top priorities at Eisenblätter for decades!




# Shop online

## Test the new Eisenblätter online shop!

All information about our products, as well as new products and additional user videos are available at **www.eisenblaetter.de/shop/en**

# Stay up to date.

## Subscribe to our newsletter and follow us on YouTube, LinkedIn and Facebook.

**Facebook** **LinkedIn** **YouTube**




# Eisenblätter comes to you!

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# Eisenblätter icon key




**Natural fibre**
Backing plate consists primarily of regenerative natural fibres




**Flexible**
Flexible material




**Flexible**
Flexible backing material




**Copyrighted design**
Design or product feature is under copyright



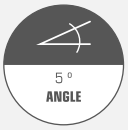

**Patented**
Patented




**Patent pending**
Patent pending




**Approved for**
Only suitable for cutting at a 90° angle




**5° angle of incidence**
Tool support at a 5° angle



**Approved for**
Suitable for rough and side grinding




**Free of fibre glass**
Free of fibre glass components




**M14 integrated**
Integrated M14 threads




**Plus backing pad**
To be used only with a suitable backing pad




**Reducing noise**
Noise level reduced under load




**Flat contact surface area**
Flat tool support




**Trimmable**
Trimmable tool backing plate




**Balanced**
Unique wheel balancing to ensure that the wheel runs perfectly




**Accessories**
Accessory items




**Material: All metals**
To be used on all metals




**Material: Aluminum**
To be used on aluminum




**Material: NF metals**
To be used on non-ferrous metals




**Material: Stainless steel**
To be used on stainless steel




**Material: Wood**
To be used on wood




**Material: Steel**
To be used on steel




**Material: Hard plastics**
To be used on hard plastics



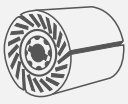

New motor with extremely high torque



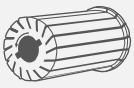

Suitable for ceramic flap discs




**MPA tested**
Tested by the Material Prüfanstalt testing authority



**Expansion roller**
Only to be used with a POLY-PTX® expansion roller



**Eco Smart Adapter**
Only to be used with the POLY-PTX® Eco Smart adapter




**Guaranteed free of rust**
Registered trademark of Focus Rostfrei

# Eisenblätter innovations at a glance

## VARILEX® 1100 angle grinder



page 14

## VARILEX® AKKU BRUSHLESS angle grinder




page 20

## TOPRAIL 1100 HT pipe belt sander



page 174

## MINI MAX® 1100 multifunctional grinder



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## BAND-IT 1100 power file



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## ROLEI EF 115 PROFESSIONAL facetting device



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## Grinder Grip™ magnet machine holder



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## ROHR MAX® finger protection cover



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## Particulate matter protection cap



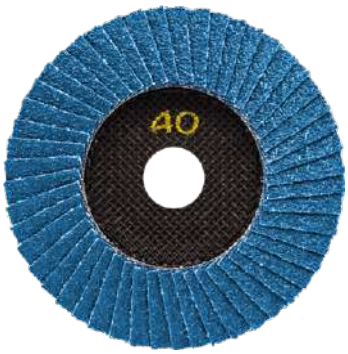
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## MAGNUM® PRECICUT cutting discs




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## TRIMFIX® MUSTANG® flap disc




page 36

## COLDSTEEL® RazorFlap® grinding disc



page 56

## PTX COMPACT HT linear grinder and tools with M14 thread

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**Grinding belt roller** p.120



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**Mix wheel** p.121



**Felt wheel** p.122



from page 116

# 18 VOLTS
# 300 POWER TOOLS
# 30 MANUFACTURERS
# ONE BATTERY, MANY SOLUTIONS



# Discover wireless battery freedom – with these Eisenblätter CAS power tools!

Discover cordless freedom! Take advantage of 100% compatibility of machines, battery packs, and chargers in a cross-manufacturer system! **CAS makes the most powerful battery system in the industry from Metabo and more than 30 years of battery competence available for Eisenblätter machines as well.** What's in it for you? Highest levels of reliability, clear cost benefits, and great investment security. **Cordless Alliance System (CAS)** is an association of leading power tool brands. This makes a number of professional applications from a wide variety of machine manufacturers available with the same battery system for the first time – from standard to special jobs.

**More power**
with the new LiHD cell technology in conjunction with a newly developed battery pack
- Larger contacts and busbars capable of carrying high currents
- A cell connector made of a special copper delivers three times the conductivity

**More charge**
- More active material in the cell
- High-quality materials (silver and copper) used

**More service life and extreme robustness**
- Complete compound and protective lacquer on the electronics and optimum seal in the cover design ensure deal protection from internal contamination
- Rubber puffer protects the cells
- More usable energy means charging less often
- Exterior rubber battery pack coating ensures safe, non-slip positioning and serves as impact protection

## VARILEX® AKKU BRUSHLESS



page 20

## VARILEX® POLISHER AKKU



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## MINI MAX® AKKU



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## POLY-PTX® AKKU HT



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## ROHR MAX® AKKU



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## BAND-IT AKKU



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**100% up-to-date: You can find all information about CAS at www.cordless-alliance-system.com. Since the number of machines is constantly growing, you can also download the latest list of CAS-compatible devices here.**

CAS CORDLESS ALLIANCE SYSTEM

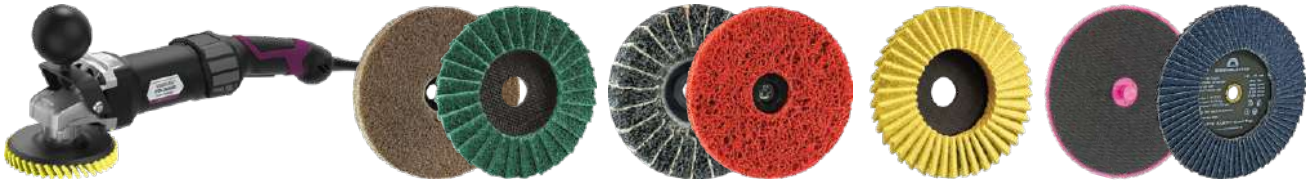
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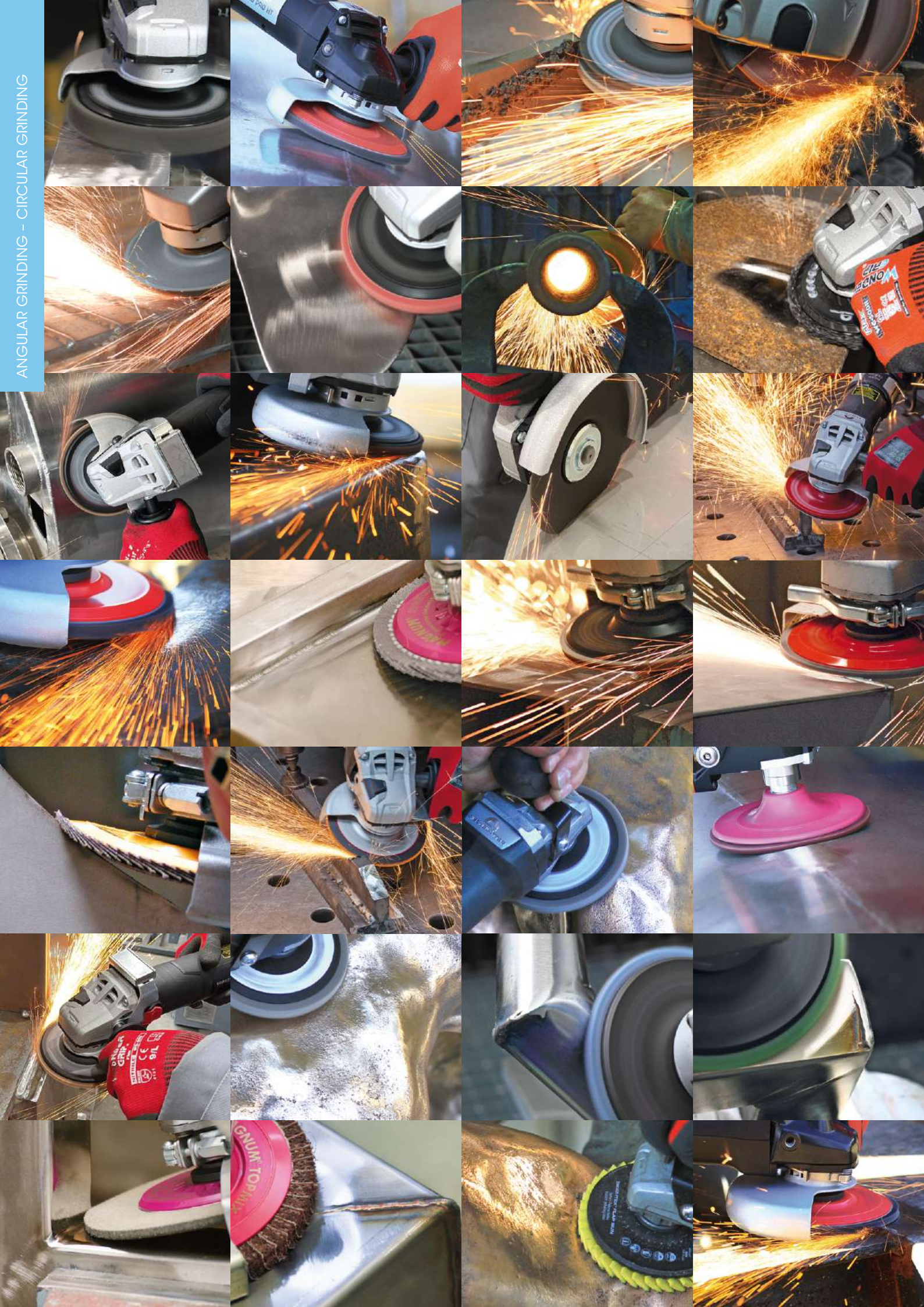




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# ANGULAR GRINDING – CIRCULAR GRINDING


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# VARILEX® ANGLE GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

# VARILEX® 1100 compact angle grinder

## The compact power house: grinding – fine sanding – cutting – roughing




Eisenblätter is now introducing a new, particularly handy compact angle grinder with **1,100 watts of power consumption, variable speed** and new technical features.
A **robust slip clutch** is integrated in the device, which prevents a possible jamming of the panes. This means that you can work particularly safely with **VARILEX® 1100.**
The constant electronics ensure infinitely **variable speeds between 2,800 and 9,600 rpm.** The VARILEX® 1100 is **ideal for one- and two-hand work.**
Grinding is particularly universal and allows – taking into account the speed ranges – a large number of **different surface treatments.**

**Note:**
Particularly difficult **"heavy-duty work"** should naturally be carried out with the **VARILEX® 1802 HT angle grinder** (1,800 watts) and a larger physical torque.
The new, particularly robust **VARILEX® 1100 is the ideal device for medium-heavy work.**

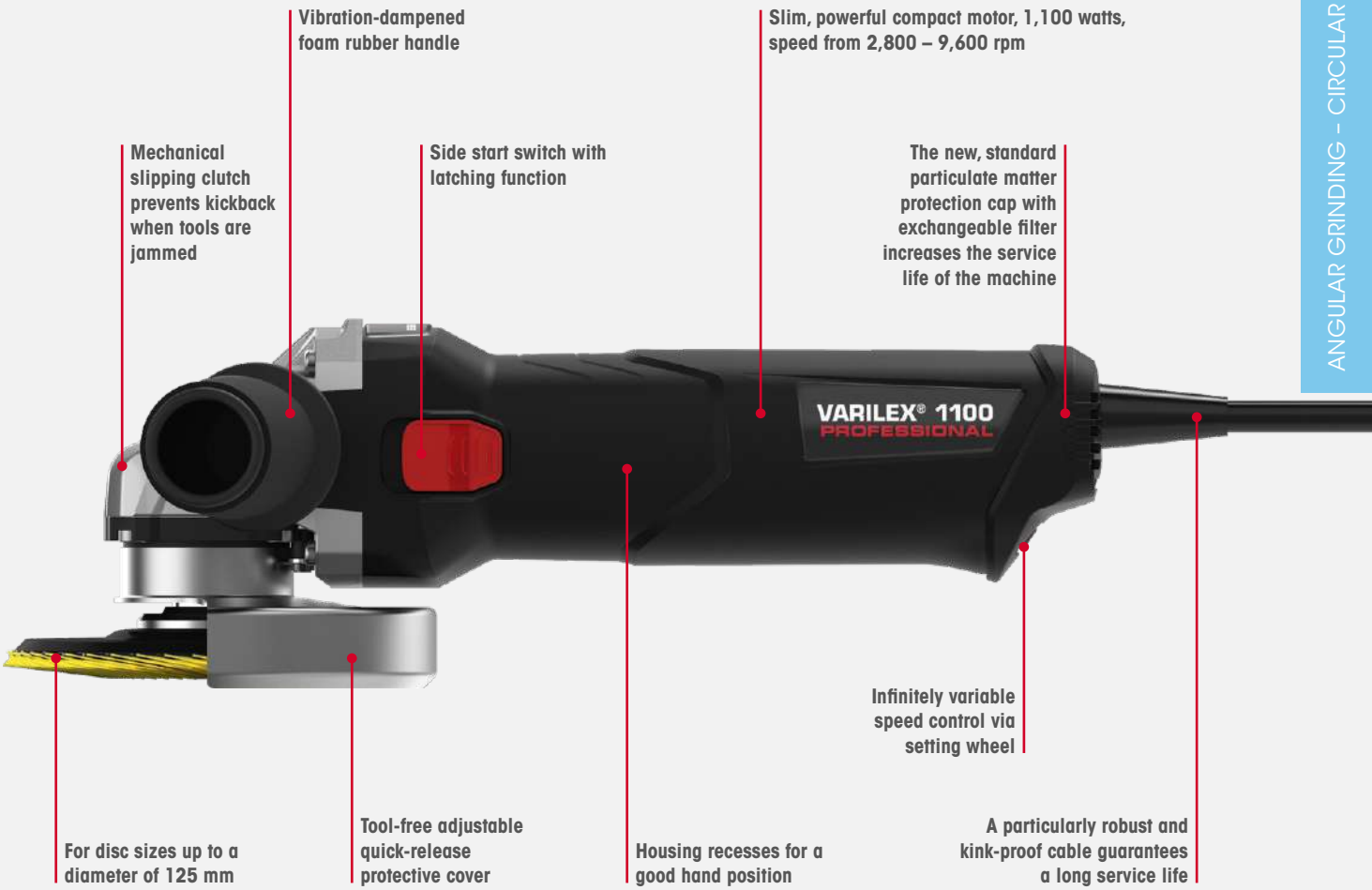
### Benefits at a glance

- **New,** compact **generation of angle grinders** with the smallest handle circumference in its performance class **for fatigue-free grinding in perfect ergonomics.**
- **"Marathon-Engine"** offers **30% higher power reserves** with up to **50% more torque** compared to comparable devices.
- **Maximum service life** thanks to the new, internal dust protection seal and external **particulate matter protection cap with exchangeable filter.**
- **Ideal speed range for flap discs** up to Ø 125 mm.
- **Full-wave electronics offer constant speeds** of exclusive **2,800 to 9,600 rpm,** ideal for a wide variety of processing tools such as flap discs, cutting discs and fine grinding discs.
- Protective hood adjustable without tools, can be fixed in place so that it cannot be turned.
- **Mechanical safety clutch** minimizes "kick-back" when blocking a disc for **maximum user protection** and quick resumption of work.
- **Electronic overload protection, soft start and restart protection.**
- Maintenance-friendly device design – for **carbon brush replacement in seconds.**
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for "soft", vibration-neutral grinding.
- **Made in Germany.**



# VARILEX® ANGLE GRINDERS

Mains powered machines




## Technical specifications VARILEX® 1100 compact angle grinder

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount | Speed (rpm) | Weight (kg) | Discs up to (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,100 | M14 thread | 2,800 – 9,600 | 2.1 | 125 | 1 | 65400 |

**Contents:**

1 VARILEX® 1100 compact angle grinder
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Protective cover up to Ø 125 mm
1 Cut-off wheel cover clip up to Ø 125 mm
1 Clamping nut
1 Chuck key
1 High-performance flap disc Ø 125 mm
1 Premium cutting disc Ø 125 x 1,0 mm

**Please note:** Practical accessory sets from page 26.

**The new, standard particulate matter protection cap with exchangeable filter increases the service life of the machine!**



With a practical recess for speed control! (see page 232)

**Optional: The new Grinder Grip™ magnet machine holder. Easier. Safer. Practical.** (see page 22)



Also available as a CAS cordless machine: **VARILEX® AKKU BRUSHLESS** (see page 20)



# VARILEX® ANGLE GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## VARILEX® 1802 HT

### The torque miracle



Since the "ceramic age" of flap discs or fibre, cutting and grinding discs, the performance requirements for hand-held electrical devices (e.g. angle grinders, etc.) have increased enormously. In the long run, most devices can no longer withstand this additional load of friction and contact pressure.

Eisenblätter has taken on this challenge by further developing its ceramic flap discs and further developing its **speed-controlled angle grinder** under the brand name VARILEX®.

The new VARILEX® 1802 HT (High Torque) model now meets all the performance requirements for state-of-the-art ceramic grinding wheels of all kinds.

CERAMIC READY

HT HighTorque

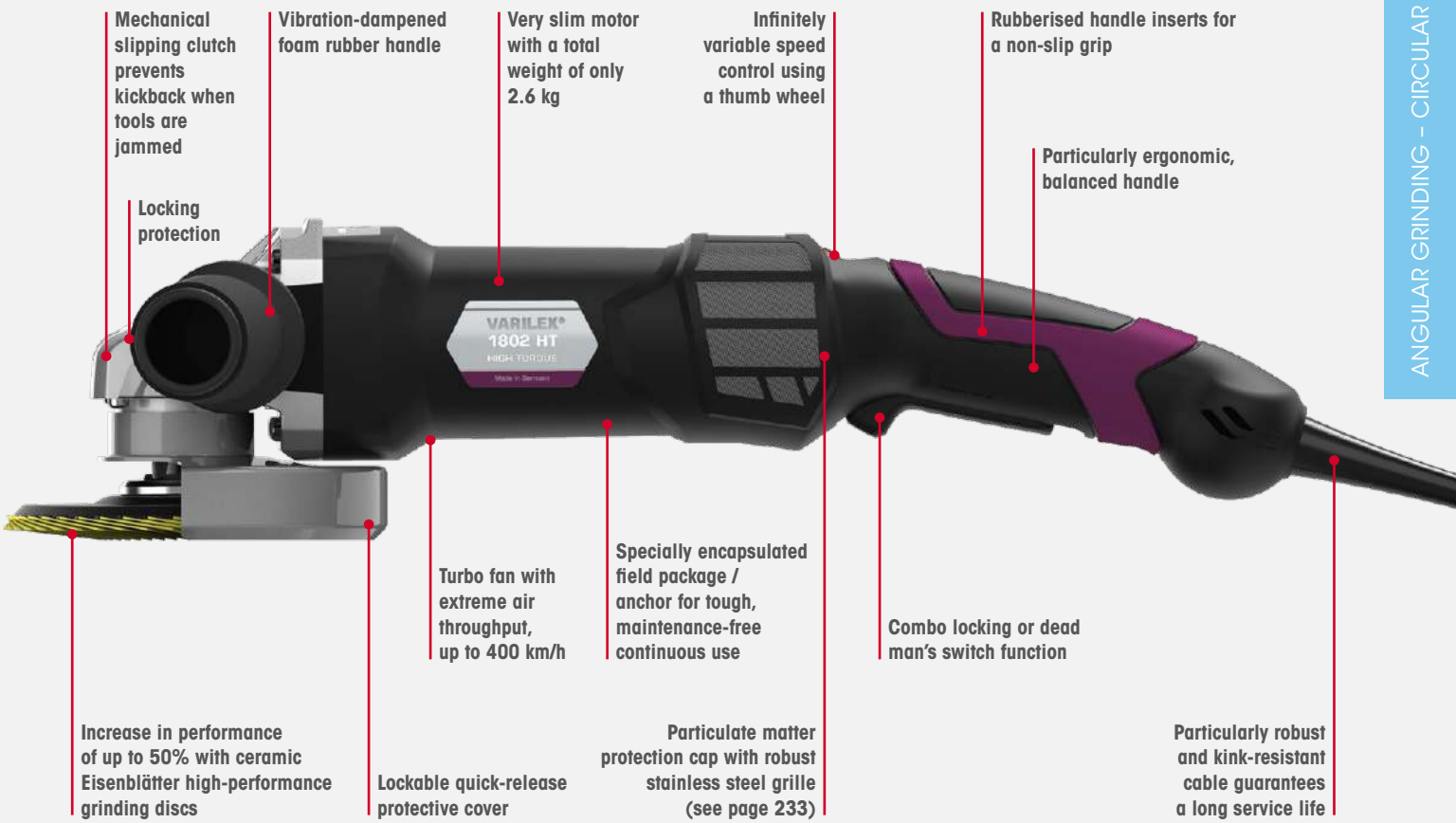
#### Benefits at a glance

- **Extremely powerful and durable motor with 1,750 watts** and optimised, wear-resistant power transmission and mechanics. With new ventilation technology for an unprecedented high torque (High Torque), **100% made in Germany.**
- Newly developed, particularly **ergonomic long handle** allows you to work without getting tired – with a total weight of just 2.6 kg and rubberised inserts for better grip.
- **The speed range of 2,400 – 8,900 rpm, which is particularly optimized for ceramic grinding wheels,** can be set variably and constantly using a tachometer generator for maximum efficiency.
- **Lightweight 2.6 kg.**
- Spindle lock with robust, mechanical slipping clutch. Prevents kickback when clamping the tool.
- **Ideal angle grinder for all surface treatments:** grinding, cutting, roughing, cleaning and polishing, **for disc sizes from 115 – 150 mm in diameter.**
- Balanced, vibration-dampened gear handle. Optional: **vibration-damped rubber ball handle** ensures balanced handling, even when working overhead.
- Also **ideal as a stationary drive motor for** optional **flexible shafts** (M14 thread) or as a stationary motor for attachment to work tables with the optionally available, robust ball joint bracket.



# VARILEX® ANGLE GRINDERS

Mains powered machines




## Technical specifications VARILEX® 1802 HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount | Speed (rpm) | Weight (kg) | Discs up to (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | M14 thread | 2,400 – 8,900 | 2.6 | 150 | 1 | 65031 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,750 | M14 thread | 2,400 – 8,900 | 2.6 | 150 | 1 | 65031a |

**Contents:**
1 VARILEX® 1802 HT basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Protective cover up to Ø 125 mm
1 Cut-off wheel cover clip up to Ø 125 mm
1 Clamping nut
1 Chuck key
10 High-performance flap discs Ø 125 mm
10 Premium cutting discs Ø 125 x 1,0 mm

**Please note:** Practical accessory set see page 26.



**Optional:** The soft rubber ball handle (page 24) enables fatigue-free sanding in any working position without assuming an unnatural and strenuous hand position. This also makes overhead work child's play.



Also available as a CAS cordless machine.
**VARILEX® AKKU BRUSHLESS** (see page 20)






**Optional:** Ball joint holder (see page 231) for stationary attachment to work tables etc.

# VARILEX® ANGLE GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## VARILEX® WSF 1800

### Powerful one-hand angle grinder



The powerful angle grinder VARILEX® WSF 1800, which has been tried and tested for many years, impresses with 1,750 watts of power and speed control for demanding continuous use with high torque in the medium speed range.
The compact and balanced design ensures optimal hand guidance when working on metal surfaces.
The sophisticated fine dust protection with exchangeable filter grids significantly extends the service life of the machine.

**Benefits at a glance**

- **Ideal drive for high-performance discs** such as TRIMFIX® HellFire®, TRIMFIX® BLACK MAMBA® and MAGNUM® Cool Top®: optimal exploitation of the performance potential and ideal for working with grinding and cutting discs.
- Excellent for cleaning, **fine grinding and polishing of stainless steel and non-ferrous metals,** for the FIX HOOK & LOOP system and with adapter for the MINI FIX HOOK & LOOP system.
- **Infinitely variable speed from 2,000 rpm to 7,600 rpm with tachometer generator** for constant speed even under load.
- **Powerful one-hand angle grinder –** suitable **for disc sizes from 115 to 150 mm.**
- **Balanced and vibration-dampened gear handle** for fatigue-free work.
- **Rubberised, particularly ergonomic handle** enables excellent hand control and sensitivity when working.
- As a **drive motor for flexible shafts** (M14 thread).
- **Particularly smooth running.**



# VARILEX® ANGLE GRINDERS

Mains powered machines




## Technical specifications VARILEX® WSF 1800 basic device

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount | Speed (rpm) | Weight (kg) | Discs up to (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | QUICK-LOCK | 220 – 240 ~ 50-60 | 1,750 | M14 thread | 2,000 – 7,600 | 2.8 | 150 | 1 | 65000 |

**Scope of delivery:**

1 VARILEX® WSF 1800 basic device
1 QUICK-LOCK cable 4 m
1 Particulate matter protection clip
1 Protective cover up to Ø 125 mm
1 Clamping nut
1 Chuck key
1 Flap disc Ø 125 mm

**Optional: The new Grinder Grip™ magnet machine holder. Easier. Safer. Practical.**
(see page 22)



**The ideal addition to your machine: VARILEX® accessory sets** (from page 26)





The fine dust protection clip with exchangeable filter prevents fine dust and dirt particles from penetrating the interior of the machine (see page 234).

# VARILEX® ANGLE GRINDERS

CAS cordless machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## VARILEX® AKKU BRUSHLESS

NEW

### High pulling power



**The new benchmark among "brushless" cordless angle grinders.**

With the **VARILEX® AKKU BRUSHLESS,** Eisenblätter presents **the latest generation** of "brushless", battery-powered angle grinders. A **pulling power (high torque)** like power-connected angle grinders of approx. 1,200 watts, thanks to an **exclusive speed range of 2,000 – 7,600 rpm** (gear-generated). This makes the new VARILEX® AKKU BRUSHLESS the ideal companion with up to **40% more power** for professional work with **flap, cutting and grinding discs.** Thanks to the **constant speed control,** other **elastic grinding systems** can also be used, such as **fleece** and **cleaning discs** or **HOOK & LOOP systems (velcro) and much more.** This makes the new grinder extremely **versatile on assembly** and **construction sites.** Thanks to the **new ergonomics** and **equipment,** the new VARILEX® AKKU BRUSHLESS grinder is extremely **handy** and **well-balanced** and can therefore also be used for longer **work cycles without tiring.** Due to the encapsulated, brushless motor, **regular maintenance work** (carbon change) **can now be omitted.** An additional **dust filter** protects the electronics.

HT HighTorque

CAS CORDLESS ALLIANCE SYSTEM

### Benefits at a glance

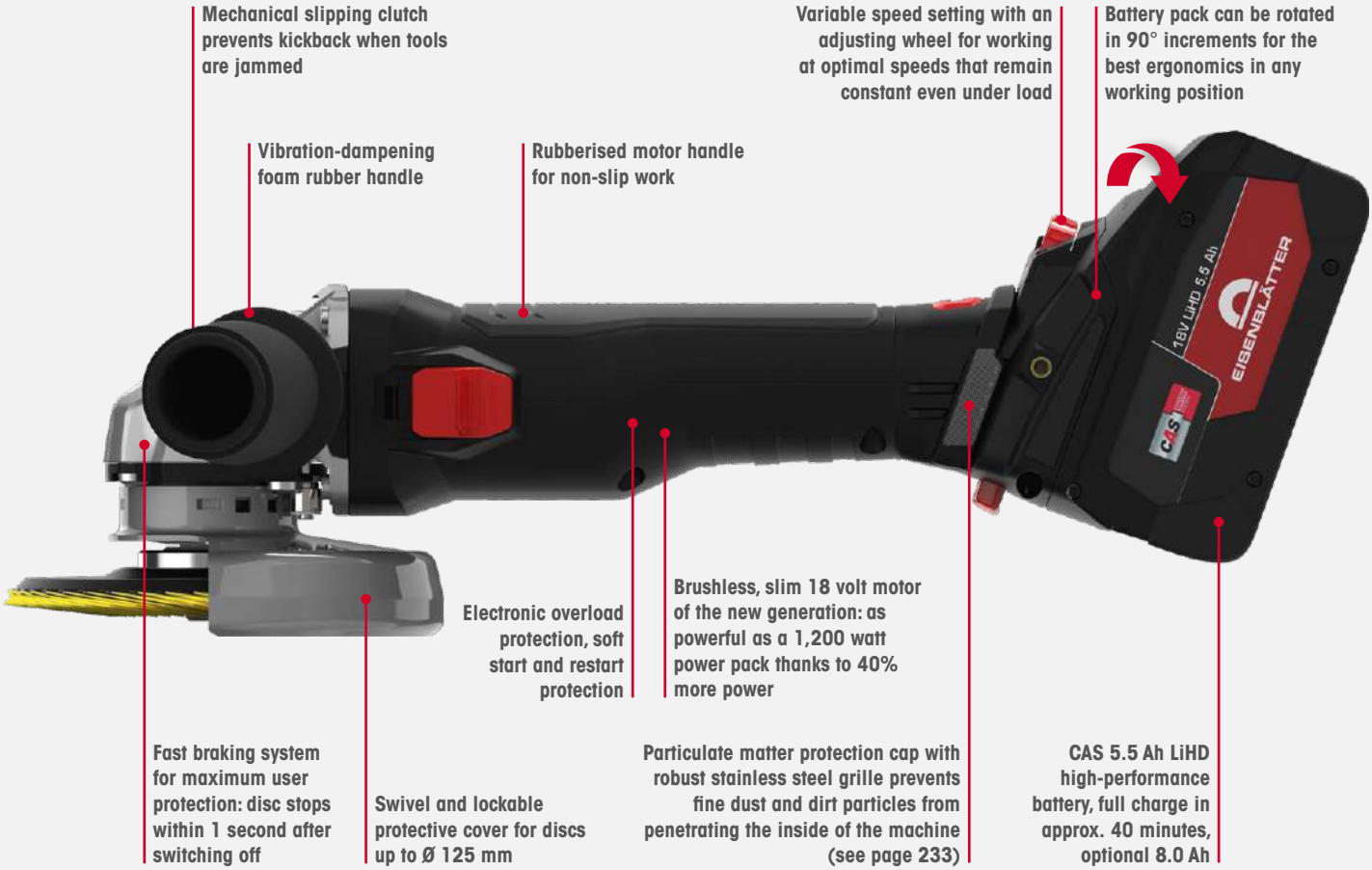
- **Extremely powerful, brushless** and **encapsulated 18 volt high-tech special motor, up to 40% more power** than previous models.
- **High-performance batteries of the latest generation with LiHD technology, safety electronics and 5.5 Ah, optionally 8.0 Ah,** can be rotated in 3 locking stages on the device (ideal for narrow grinding areas).
- **High performance fast charger.**
- **CAS battery compatible interface –** "1 battery for many brand manufacturers", see page 8.
- **New housing ergonomics** for fatigue-free work, **balanced and rubberised.**
- **Constant speed control from 2,000 – 7,600 rpm, gear generated** for high torque.
- **Rapid braking system** for maximum occupational safety.
- **Replaceable dust protection filter.**
- **Handle foam rubber.**
- Protective hoods with a **diameter of up to 125 mm** that can be locked and rotated multiple times.
- **Extremely versatile** for use with a wide range of abrasive types.
- **Made in Germany.**





# VARILEX® ANGLE GRINDERS

CAS cordless machines




## Technical specifications VARILEX® AKKU BRUSHLESS basic set / basic device (without CAS batteries, charger or accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Mount | Speed (rpm) | Weight (kg) | Discs up to (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | M14 thread | 2,000 – 7,600 | 1.75 | 125 | 1 | 65281 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | M14 thread | 2,000 – 7,600 | 1.75 | 125 | 1 | 65282 |

**Scope of delivery**
**VARILEX® AKKU BRUSHLESS basic set:**

1 VARILEX® AKKU BRUSHLESS basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
1 Protective cover up to Ø 125 mm
1 Cut-off wheel cover clip up to Ø 125 mm
1 Clamping nut
1 Chuck key
10 High-performance flap discs Ø 125 mm
10 Premium cutting discs Ø 125 x 1.0 mm



**Please note:** Practical accessory sets from page 26, batteries and chargers see page 229.

**Scope of delivery**
**VARILEX® AKKU BRUSHLESS basic device:**

1 VARILEX® AKKU BRUSHLESS basic device 18 V
1 Robust, impact-resistant plastic case
1 Clamping nut
1 Chuck key



**Attention:** No battery and no charger included!



# VARILEX® ANGLE GRINDERS

Accessories

## Grinder GRIP

### Magnet machine holder – easier, safer, practical.




The angle grinder accessory that **makes work easier, safer and more convenient.** Attach your angle grinder securely to a **magnetic surface** when you "put it down" and **keep it out of danger and still within reach!**
A particularly **powerful magnetic holder,** adaptable to many of the commercially available **angle grinders,** promises attachment of the grinder to any magnetic surface in seconds. Such as e.g. on **metal walls, tables, car bodies, plates, metal columns** and much more! This **effectively prevents the grinder from falling down** and enables **lightning-fast access** to the grinder in any position. **Adhesive force up to approx. 10 kg!** The magnetic block is attached to your angle grinder using metal brackets on the side and the corresponding screws.
**It couldn't be more practical or safer!**

#### Benefits at a glance

- Securely attaches your angle grinder to magnetic surfaces.
- Particularly **powerful magnet – adhesive force approx. 10 kg.**
- **Improves work efficiency.**

Patent Pending.
Grinder Grip™ is a trademark used under license.

#### Technical specifications

| Can be used with | Tool holder width (mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|
| VARILEX® 1802 HT, VARILEX® 1800, VARILEX® 1600, VARILEX® 1100 | 78.3 | 0.27 | 1 | 65028 |

**Compatible with the following angle grinders from other manufacturers:**
METABO W*18 series; W12* series; WE*** series / FEIN CCG 18* series; WSG-* series / BOSCH GWS* series; GWX* series / AEG WS 15 series; Milwaukee AVG 17 series; AS 12 E series








The Grinder Grip™ holds your machine on any ferromagnetic surface!


Simply "put down" the machine safely within reach and pick it up again.

SUITABLE FOR VARILEX®

# Protective covers and cut-off wheel cover clips

For the safe use of grinding and cutting discs with VARILEX® angle grinders. With locking mechanism or clips for easy changing.



ACCESSORIES

### Technical specifications

| Item | Dimensions (mm) | Can be used with | Pkg. unit | Article number |
|---|---|---|---|---|
| **Protective cover** | **Ø 125** | VARILEX® 1802 HT, VARILEX® 1100 | 1 | 65042 |
| **Protective cover** | **Ø 150** | VARILEX® 1802 HT | 1 | 65043 |
| **Protective cover** | **Ø 125** | VARILEX® WSF 1800 | 1 | 65020 |
| **Protective cover** | **Ø 150** | VARILEX® WSF 1800 | 1 | 65021 |
| **Cut-off wheel cover clip** | **Ø 125** | Protective cover VARILEX® 1100, VARILEX® 1802 HT, VARILEX® AKKU BRUSHLESS | 1 | 65045 |
| **Cut-off wheel cover clip** | **Ø 150** | Protective cover VARILEX® 1802 HT | 1 | 65046 |

SUITABLE FOR M14 THREADS



ACCESSORIES

## Conical Clamping Nut

Ultra-flat, blackened steel locking nut (just 4 mm) including chuck key for flat flange recesses and tools. For locking conical tools onto angle grinders.

### Technical specifications

| | |
|---|---|
| **Diameter** | 45 mm |
| **Thread** | M14 |
| **Pkg. unit** | 1 |
| **Article number** | 65004 |

SUITABLE FOR M14 THREADS



ACCESSORIES

## Height-adjusting washer

Height-adjusting washer for the angle grinder spindle (for M14 only) for discs of up to Ø 178 mm with extra-long drive spindle. Also increases the contact surface area.

### Technical specifications

| | |
|---|---|
| **Suitable up to** | Ø 178 mm |
| **Thread** | M14 |
| **Pkg. unit** | 1 |
| **Article number** | 65005 |

SUITABLE FOR M10 THREADS



ACCESSORIES

## Thread adapter M10 to M14

Screw on the adapter and high-tech European discs can also be used on angle grinders produced in Asia.

### Technical specifications

| | |
|---|---|
| **Thread** | M10 |
| **Pkg. unit** | 1 |
| **Article number** | 65006 |

SUITABLE FOR VARILEX®

# Rubber Ball Handle including L-shaped holder

## for angle grinders with M8 mounts

The soft rubber ball handle enables fatigue-free grinding in any working position without assuming an unnatural and strenuous hand position. This also makes overhead work child's play.





### Technical specifications

| Can be used with | Pkg. unit | Article number |
|---|---|---|
| VARILEX® power tools | 1 | 65041 |

ACCESSORIES

DESIGN COPYRIGHT

SUITABLE FOR VARILEX® 1802 HT

# Protective suction cover

Suction hood with a brush ring and optimised flow channel for especially low-dust indoor and outdoor grinding.



### Technical specifications

| Item | Discs up to (Ø mm) | Connection for dust extraction (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|
| Protective suction cover | 125 | 35 / 41 | 1 | 65048 |
| Replacement brush ring | – | – | 1 | 65055 |

ACCESSORIES



SUITABLE FOR VARILEX®

# Flexible Shaft



The new flexible drive shaft with its sturdy 7-mm core and interchangeable M14 thread allows your VARILEX® angle grinder to be upgraded to a professional drive motor.
With an adapter for polishing rings of up to Ø 150 mm.
Can be used with variable-speed angle grinders such as VARILEX® 1802 HT, VARILEX® 1800, VARILEX® 1100, VARILEX® 900 Duo and VARILEX® AKKU BRUSHLESS.

## Technical specifications

| Length (mm) | Collet (mm) | Mount | Maximum speed (rpm) | Can be used with (Ø mm) | Can be used with an adapter (for polishing rings Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| 1,420 | 6 | M14 thread | 12,000 | up to 75 | up to 150 | 1 | 10014 |

ACCESSORIES

## Flexible shaft can be used with these speed-controlled VARILEX® angle grinders:



VARILEX® 1802 HT p. 16

NEW



VARILEX® AKKU BRUSHLESS p. 20

NEW



VARILEX® 1100 p. 14



VARILEX® WSF 1800 p. 18

# VARILEX® ANGLE GRINDERS

Accessory sets

**SUITABLE FOR VARILEX® 1802 HT · VARILEX® AKKU BRUSHLESS · VARILEX® 1100 · VARILEX® WSF 1800**

## VARILEX® Coarse and Fine Grinding Accessory Set

34 TEILE PARTS

This set allows performance of all work, from weld seam removal to surface cleaning to fine grinding, including cleaner and surface sealant. The ideal addition to any VARILEX® angle grinder.

### Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse and fine grinding** | VARILEX® 1802 HT, AKKU BRUSHLESS, VARILEX® 1100, VARILEX® WSF 1800 | 1 | 65032 |

**Contents:**

1 Mobile tool case
10 MAGNUM® PRECICUT
5 MAGNUM® TWINFLEX® Ø 125 mm
1 TRIMFIX® Fleece Flap 1FOR2 Ø 125 mm
3 TRIMFIX® Fleece Flap Ø 125 mm
1 MAGNUM® CLEAN-PLUS Ø 125 mm
1 MAGNUM® CLEAN Strong Ø 125 mm
1 MAGNUM® CLEAN-MIX Ø 125 mm
2 MAGNUM® fleece Top Ø 115 mm
1 COLDSTEEL® backing pad Ø 125 mm
8 COLDSTEEL® fibre discs Ø 125 mm



## The ideal supplement for these VARILEX® angle grinders:



**VARILEX® 1802 HT** p. 16

NEW



CAS CORDLESS ALLIANCE SYSTEM

**VARILEX® AKKU BRUSHLESS** p. 20

NEW



**VARILEX® 1100** p. 14



**VARILEX® WSF 1800** p. 18

**SUITABLE FOR VARILEX® AKKU BRUSHLESS · VARILEX® 1100**

# VARILEX® FIX HOOK & LOOP Accessory Set

48 TEILE PARTS

The ideal FIX HOOK & LOOP accessory package for diameters 60 and 115 mm. From coarse and fine grinding to a perfect mirror finish, including cleaner and surface sealing. The ideal addition to any VARILEX® 1100 or VARILEX® AKKU BRUSHLESS angle grinder.

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse grinding to a mirror finish** | VARILEX® 1802 HT, AKKU BRUSHLESS, VARILEX® 1100, VARILEX® WSF 1800 | 1 | 65033 |

**Contents:**

1 Mobile tool case
1 FIX HOOK & LOOP special backing pad Ø 115 mm
1 FIX HOOK & LOOP soft damping adapter Ø 115 mm
3 FIX HOOK & LOOP Cool Top® flap discs Ø 115 mm
8 FIX HOOK & LOOP zircon discs Ø 115 mm
5 FIX HOOK & LOOP SC fleece discs Ø 115 mm
3 FIX HOOK & LOOP Trizact™ discs Ø 115 mm
2 FIX HOOK & LOOP BRIGHTEX® Berry discs Ø 115 mm
2 FIX HOOK & LOOP BRIGHTEX® Sun discs Ø 115 mm
1 MINI FIX HOOK & LOOP special baking pad Ø 60 mm
1 MINI FIX HOOK & LOOP soft damping adapter Ø 60 mm
3 MINI FIX HOOK & LOOP Cool Top® flap discs Ø 60 mm
5 MINI FIX HOOK & LOOP SC fleece discs Ø 60 mm
3 MINI FIX HOOK & LOOP Trizact™ discs Ø 60 mm
2 MINI FIX HOOK & LOOP BRIGHTEX® Berry discs Ø 60 mm
2 MINI FIX HOOK & LOOP BRIGHTEX® Sun discs Ø 60 mm
1 BRIGHTEX® Softclean Powder
1 BRILLIANCE CLEAN 50 ml
1 INOX PROTECT 50 ml
1 POWER CLEANER 50 ml
1 BRIGHTEX® microfibre cloth



## The ideal supplement for these VARILEX® angle grinders:



**VARILEX® 1802 HT** p. 16

NEW



**VARILEX® AKKU BRUSHLESS** p. 20

NEW



**VARILEX® 1100** p. 14



**VARILEX® WSF 1800** p. 18

**SUITABLE FOR STAINLESS STEEL · STEEL** ★★★★★

# MAGNUM® PRECICUT Cutting Disc

## The new generation of cutting discs: Cut high-precision metal now!




**Take the test with our new precision cutting disc!**
**Experience metal separation at a higher level than previously known.**

The precise cutting of sheet metal parts, for example, **extremely precisely on line marking,** is often difficult ("deflection") due to the high flexibility with thin cutting discs, especially "free hand". In order to **maximize accuracy,** Eisenblätter now offers a **precision cutting disc** that makes this problem much easier. Thanks to the particularly compact shape of the centre, the new generation of cutting discs is **extremely dimensionally stable** and **torsion-proof.** Cutting, even of longer work piece sections, is much easier and more precise to carry out.

Due to the particularly reduced "crowning" centre, the possible incision depth is significantly higher than with comparable products. This expands the technical possibilities and significantly increases the service life through significantly more cuts. **This new generation of cutting discs** naturally offers **greater stability and safety** in "free precision cutting" and ensures exact and "thinner" metal cuts.

Particular emphasis was placed on "bite" and **extremely high durability.** It is certainly one of the **most powerful cutting discs** in the metal sector. **MAGNUM® PRECICUT** is a **universal cutting disc** that shows its advantages in almost all metal areas – **from stainless steel to steel.** Thanks to a new, **clever formula,** the **aging resistance** could be increased enormously. Conventional cut-off wheels generally become softer in the bond when stored for a long time and lose their original aggressiveness and service life during storage!



MAGNUM® PRECICUT: "real" 1 mm thin!

### Benefits at a glance

- Ideal for **precise cutting from stainless steel to steel.**
- Exact, **straight cuts even with freehand cuts.**
- **Largest possible cutting depth** thanks to the small 55 mm metal hub in the centre.
- **Twist-proof and dimensionally stable** thanks to the cranked shape.
- **High security thanks to the metal centre –** no grinding through possible.
- **ANTI-AGING SYSTEM:** Hardly any loss of performance, even after long periods of storage.
- Special formula for a **long service life and high stock removal rate.**
- **Exactly 1 mm – for particularly thin cuts at high cutting speeds.**
- Very little heat development when cutting – **no tarnish.**
- **No vibrations, no bending or fluttering** while cutting.

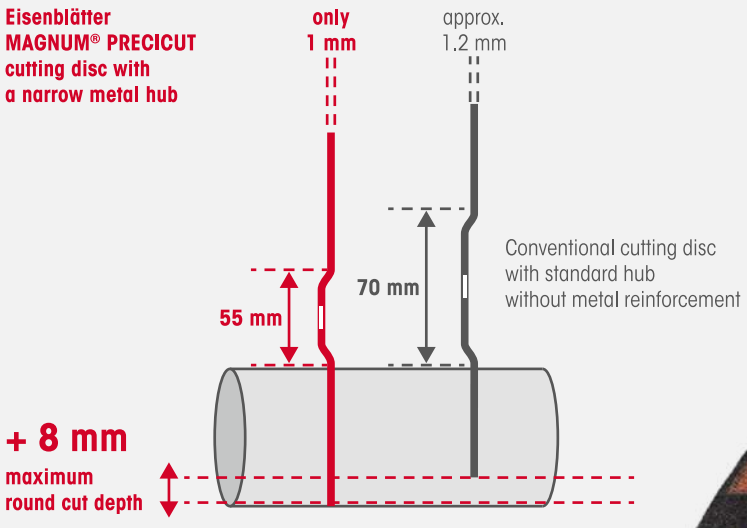

No tarnishing when cutting stainless steel!


Exact, straight cuts even with freehand cuts.

## Technical specifications MAGNUM® PRECICUT cutting disc

| Dimensions (mm) | Thickness (mm) | Maximum speed (rpm) | Approved for (DIN EN 12413) | Shape | Hardness | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 1.0 | 12,250 | 80 m/sec | off-set | hard | 25 | 85512 |







**1** **Exact 1 mm thickness**
for maximum precision.

**2** **Maximum depth of cut**
thanks to **tight "crowning".**

**3** **Metal hub**
for maximum security.

# CUTTING AND ROUGH GRINDING DISCS

**SUITABLE FOR ALL METALS** ★★★★★

## MAGNUM® RAZORCUT®

### Universal Platinum Long-life cutting disc for all metals




Revolutionary cutting disc with unparalleled performance (up to 150 cuts / test material: stainless steel pipe Ø 27 mm with 2-mm wall thickness).
The high-performance cutting disc is remarkable for its high precision, aggressive cutting speed, and extremely long service life.

### Benefits at a glance

- The disc thickness of exactly 1 mm allows **exceptionally precise cuts.**
- Ideally **suited to all metals –** simplifies material procurement and storage.
- Up to **50% better performance** than conventional products.
- Considerably fewer disc changes means **huge working time savings.**

### Technical specifications

| Dimensions (mm) | Thickness (mm) | Maximum speed (rpm) | Approved for (DIN EN 12413) | Shape | Hardness | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 1 | 12,200 | 80 m/sec | straight | hard | 25 | 85122 |



**SUITABLE FOR ALL METALS** ★★★★★

# MAGNUM® FINECUT

## Premium cutting disc

Special high-performance cutting disc for thin-walled profiles and pipes and premium quality job. The disc thickness of exactly 1 mm allows exceptionally precise cuts. Ideally suited to all metals – simplifies material procurement and storage. Free from iron, sulfur and chlorine.




### Technical specifications

| Dimensions (mm) | Thickness (mm) | Maximum speed (rpm) | Approved for (DIN EN 12413) | Shape | Hardness | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 1 | 13,300 | 80 m/sec | straight | hard | 25 | 85111 |
| **Ø 125 x 22.2** | 1 | 12,200 | 80 m/sec | straight | hard | 25 | 85112 |




**SUITABLE FOR ALL METALS** ★★★★★

# MAGNUM® TWINFLEX®

## Universal cutting and rough grinding in a single disc

The combination disc allows cutting and rough grinding with a single product. It is indispensable during jobs where workers are constantly changing discs over. Ideally suited for alternating cutting and grinding applications.




### Technical specifications

| Dimensions (mm) | Thickness (mm) | Maximum speed (rpm) | Approved for (DIN EN 12413) | Shape | Hardness | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 2.5 | 12,200 | 80 m/sec | off-set | hard | 25 | 85412 |



# CUTTING AND ROUGH GRINDING DISCS

**SUITABLE FOR ALL METALS** ★★★★★

## MAGNUM® FLEXO

### Universal premium rough grinding disc for all metals

The outstanding features of this universal rough grinding disc are its great aggressiveness, long service life, and material removal performance. Ideal for stainless steel. Eminently suited for difficult deburring jobs.




### Benefits at a glance

- **Suited to all metals –** simplifies material procurement and storage.
- Considerably fewer disc changes means **huge working time savings.**

### Technical specifications

| Dimensions (mm) | Thickness (mm) | Maximum speed (rpm) | Approved for (DIN EN 12413) | Shape | Hardness | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 6 | 12,200 | 80 m/sec | off-set | medium | 10 | 85312 |








**SELF-TRIMMING, LONG SERVICE LIFE**

**BALANCED $CO_2$ BALANCE**

**HIGH ELASTICITY, LOW VIBRATION**

**REDUCED NOISE LEVELS**

**LOW GRINDING TEMPERATURE**

**100 % MADE IN GERMANY**




# Eisenblätter flap discs – unrivalled in technology and performance

At the end of the **1970s, Eisenblätter developed** the **world's first zirconium-based flap disc for high-speed angle grinders.** This led to the **unparalleled triumph** of today's known **flap disc** on all continents. Eisenblätter is undoubtedly one of the **initiators** and pioneers **of today's modern flap discs.**
With over 50 years of experience in the manufacture and innovation of flap discs, we offer the most advanced technology and are now one of the largest manufacturers in the world. **In terms of environmental friendliness, removal rate, durability and quality,** Eisenblätter flap discs are among the **absolute top class and benchmarks** in the industry.

## Simply superb

Material removal, grinding quality, and service life:
The grit mix and abrasive cloth and the right combination of elastic backing material, flap angle, hard compression, and gluing system ensure performance and service life.

## Environmentally and user-friendly

At Eisenblätter, we attach the greatest value to environmental user-friendliness in our selection of raw materials. **We don't use glass fibre, mineral fibres, or epoxy resins in our products.** We use **sustainable, renewable raw materials** to produce our natural fibre compound flap discs. Right from the start, we've used food-grade special plastics for our backing plates. Eisenblätter's greatest contribution to environmental friendliness, high-tech components, and user protection was the **development of its natural fibre compound backing plate.** This **revolutionary technology raised** grinding technology **to a new level.** Today, it offers the highest in **resource conservation** and **environmental friendliness** – with up to 50% less $CO_2$ emissions during production. The grit mix and abrasive cloth were refined and many grinding processes simplified and revolutionised.

## Advantages:

- **Improved adaptation to the work piece because of the elasticity offered by all backing technologies available from Eisenblätter**
- **Self-trimming, which for the first time allows 100% of the abrasive cloth to be used**
- **No troublesome fibre glass dust**
- **Reduced noise level and vibrations**
- **Maximum service life for all components because of painstaking test procedures and unique patented manufacturing processes**

## Unique, revolutionary manufacturing processes

The special manufacturing process gives the abrasive cloth its necessary moisture and elasticity, greatly extending fabric durability. The abrasive flaps are anchored and hard-compressed in an elastic system. This has an enormously positive effect on flap disc service life.

## Safety, quality, tests

A great deal of testing apparatus and many robots are in use every day to test and ensure the systems' high performance. But manual tests are also important for simulating extreme conditions. Many of our products are also **tested and certified by MPA Hanover,** one of the oldest and most experienced **official materials testing institutes in Germany.**

# Eisenblätter natural fibre backing plate – completely free of fibreglass

With the invention and development of the natural fibre compound backing plate for abrasive technology, a completely new chapter in the manufacture of grinding wheels in terms of performance, technology and environmental compatibility was opened. Years of experience in the development of natural fibre technology has resulted in a superior surface finish that customers always benefit from in everyday use.

## Grinds down to the last millimetre

Backing plates made of natural fibre compound trim themselves during the grinding process. Trimming during machining is also simple and easy (it gives off a pleasant wood chip smell). Flap discs with natural fibre compound backing plates can be used right down to the last millimetre of abrasive cloth.
Trimming leaves soft, harmless shavings which can be disposed of as household waste.

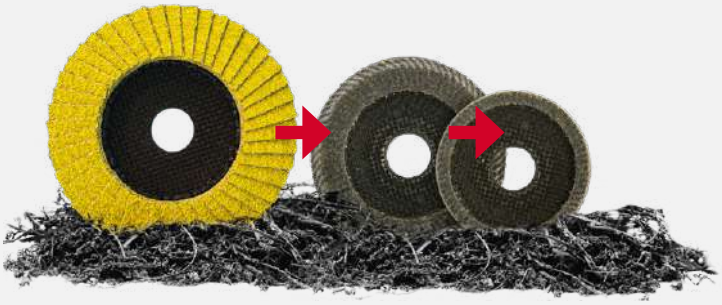
## Easy trimming during operation

Flap discs with natural fibre compound backing plates have a fibre substrate with damping, even elastic properties that enhance their performance in grinding operations. This backing plate elasticity allows better adjustment, a larger contact surface area on the work piece (more grit being used), and, of course, more material removal. The greater contact surface area dissipates more heat, grinding is cooler, the work piece does not tarnish as easily, and the abrasive cloth does not burn.

## Advantages of natural fibre compound backing plates

- **100% made in Germany**
- **Much greater elasticity and better work piece adaptation**
- **Large grinding area results in low grinding temperatures**
- **Self-trimming properties for up to 100% use of the abrasive cloth**
- **This allows immediate cost savings of at least 30-40%**
- **Heat insulation, damping properties**
- **Lower noise level and less vibration during grinding**
- **No danger of injury from sharp fibre glass edges**
- **No fibre glass dust in the air**
- **Backing plates are resistant to most chemicals**
- **Very great work safety**
- **Sustainable raw materials ensure a low $CO_2$ footprint**

## Eisenblätter grinding discs with natural fibre backing plates for more power, longer service life and more efficient work!

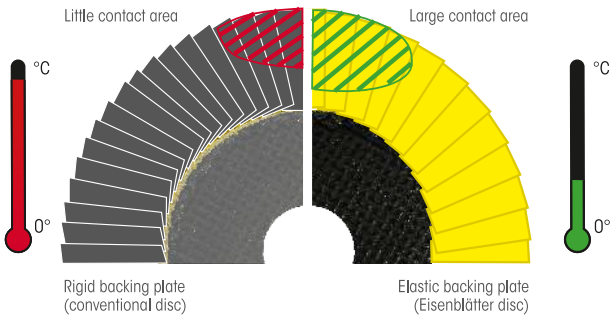


Self-trimming in the outer diameter, 100% usable fabric.

## Eisenblätter grinding discs with natural fibre backing pad:


- TRIMFIX® MUSTANG flap disc . . . . . 36
- TRIMFIX® HellFire® flap discs . . . . . 38
- TRIMFIX® SteelFire® flap discs . . . . . 40
- TRIMFIX® BLACK MAMBA® flap disc . . . . . 42
- TRIMFIX® ZIRCOPUR® flap disc . . . . . 44
- PLANTEX® Cool Top® Universal flap disc . . . . . 46
- COLDSTEEL® RazorFlap® grinding disc . . . . . 56
- MAGNUM® DecoFinish . . . . . 66
- TRIMFIX® Fleece Flap 1FOR2 . . . . . 68
- TRIMFIX® Fleece Flap . . . . . 69
- MAGNUM® Top Mix Strong . . . . . 73
- MAGNUM® CLEAN-MIX . . . . . 74
- MAGNUM® CLEAN-PLUS . . . . . 75
- MAGNUM® STAINLESS-CLEAN . . . . . 76
- BRIGHTEX® FLAP Berry (pre-polishing) . . . . . 78
- BRIGHTEX® FLAP Sun (post-polishing) . . . . . 78


**Ideal work piece adaptation with a visco-elastic backing plate**




The patented Eisenblätter production process means that only Eisenblätter grinding discs are truly flexible. This allows not only more efficient work, but also reduced grinding temperature due to the larger work piece support area.
**Quality has been certified by the MPA Hanover materials testing agency.**



**SUITABLE FOR STAINLESS STEEL · STEEL**

# TRIMFIX® MUSTANG® Flap Disc

## The new generation of zircon: high performance on stainless steel and steel!




**Experience an increase in stock removal that was previously only possible with high-priced ceramic flap discs:**
**Performance increases of over 40% for stainless steel and 30% for steel without the addition of ceramic grain – Eisenblätter TRIMFIX® MUSTANG®!**

Thanks to a sophisticated zirconium recipe based on the latest sintering technology in combination with a special lamella configuration, the **TRIMFIX® MUSTANG® flap disc** achieves enormous removal speeds.
And that saves a lot of working time costs. **Time is money** and labour costs often represent the main part of any cost calculation. In addition, compared to other flap discs available on the market, the **TRIMFIX MUSTANG®** is **extremely powerful, extremely inexpensive** and often **technically superior!** Thanks to the **special lamella configuration,** the abrasive grain retains its cutting ability and sharpness even under high pressure, so that for the first time **stainless steel** can also be processed perfectly – without the risk of grain rounding and glazing.

The **TRIMFIX® MUSTANG® flap disc** is also only supplied on the **natural fibre compound backing plate** available exclusively from Eisenblätter and thus has many other important advantages – see page 35.

**Take the test!**
**Increase your performance and reduce your costs!**

### Benefits at a glance

- **Higher productivity – performance jump of 30 – 40%.**
- **New zirconium grain formulation and special lamella configuration.**
- Machining **stainless steel and steel equally in high performance.**
- **Improved grinding sharpness, no grain rounding, no glazing.**
- **100% use of all slats thanks to "self-trimming".**
- **Extremely long service life,** less frequent disc changes.
- **Carrier plate made of natural fibre compound,** user-friendly and environmentally friendly.
- **Balanced $CO_2$ balance thanks to renewable raw materials.**
- **Backing plate environmentally friendly,** elastic, adapting to the work piece.
- **No fibre optics** in the room air.
- **Substantial savings in the cost balance.**



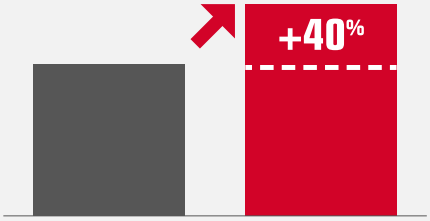
Strong team on stainless steel: TRIMFIX® MUSTANG® in combination with the new VARILEX® 1100 angle grinder

## High performance on stainless steel and steel

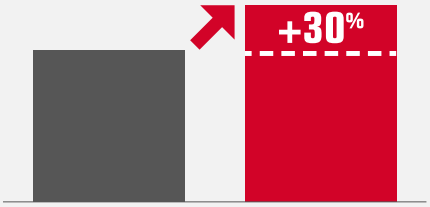
**TRIMFIX® MUSTANG® – Increase performance and save costs!**

* Determined by in-house grinding tests.

## Performance increase* on stainless steel




## Performance increase* on steel




### Technical specifications TRIMFIX® MUSTANG® flap disc

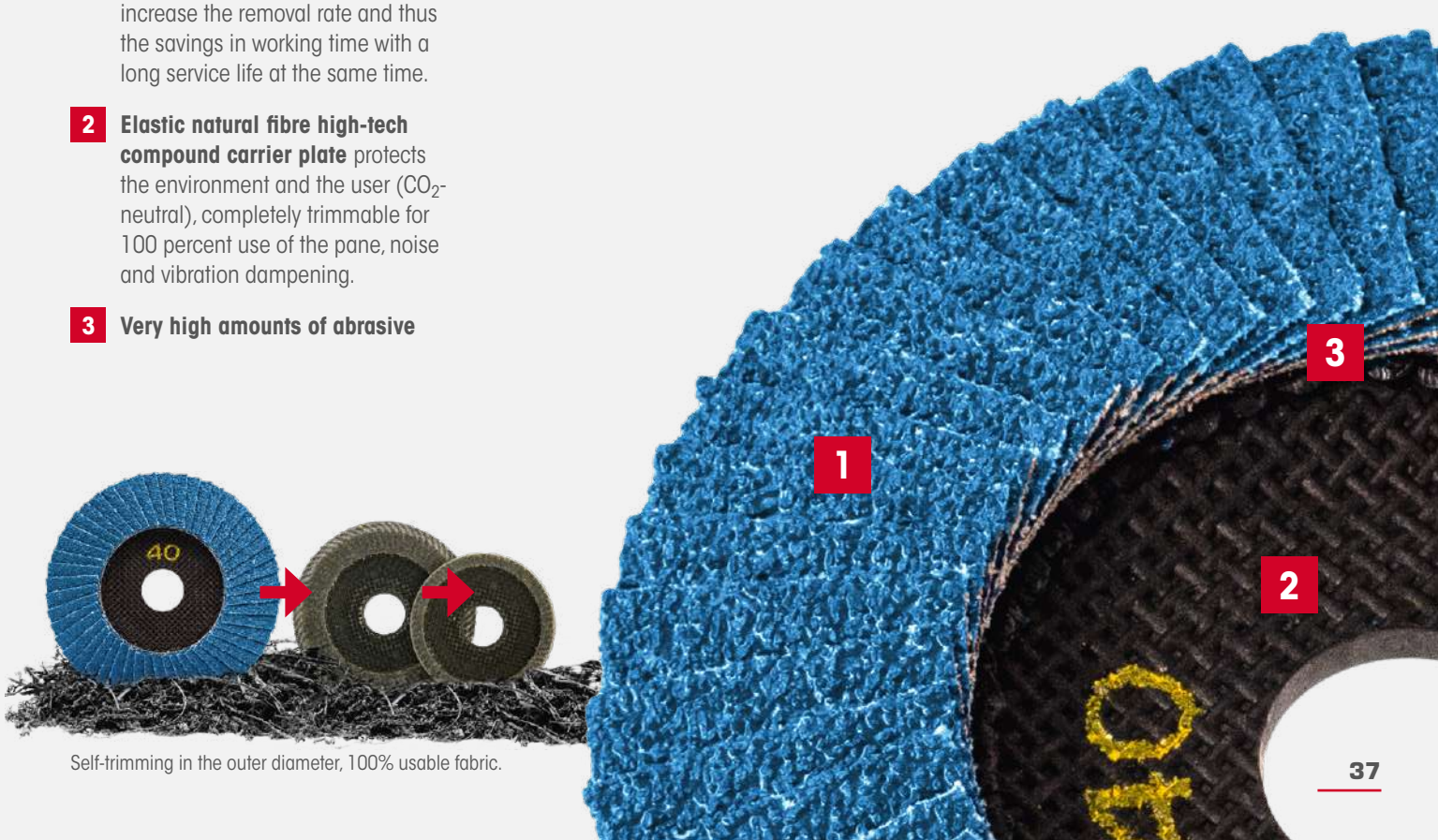
| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 40 | 40 | 91814 |
| | | | | | | 60 | 91816 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 40 | 40 | 91824 |
| | | | | | | 60 | 91826 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 40 | 40 | 91844 |
| | | | | | | 60 | 91846 |




**1** **New zircon recipe and special lamella configuration** massively increase the removal rate and thus the savings in working time with a long service life at the same time.

**2** **Elastic natural fibre high-tech compound carrier plate** protects the environment and the user ($CO_2$-neutral), completely trimmable for 100 percent use of the pane, noise and vibration dampening.

**3** **Very high amounts of abrasive**




Self-trimming in the outer diameter, 100% usable fabric.

# FLAP DISCS

Grinding and blending

**SUITABLE FOR ALL METALS**

## TRIMFIX® HellFire®

### Ceramic hybrid:
### 1 disc + 1 grit for all metals



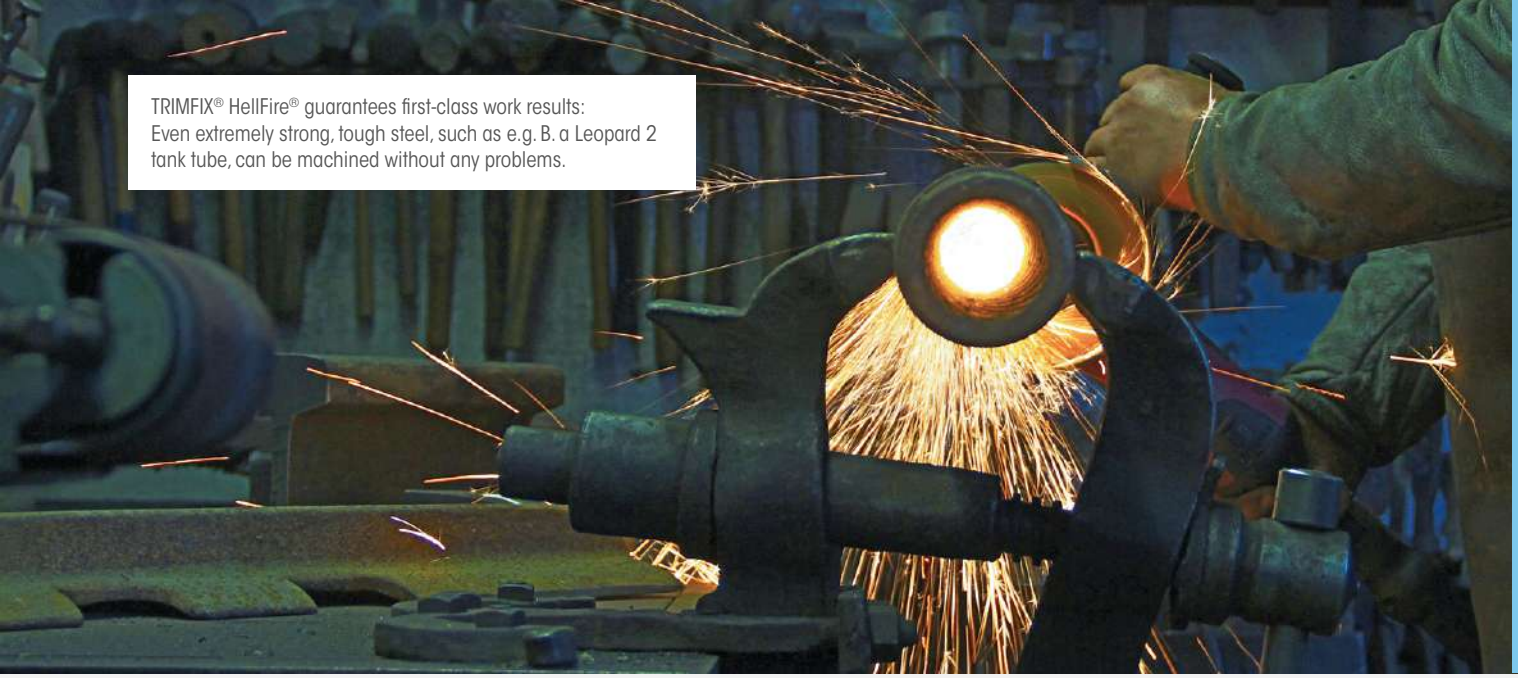
The TRIMFIX® HellFire® is one of the most modern and versatile flap discs in the world. Thanks to the unique, innovative **ceramic hybrid technology, all metals can be processed in record time with just one grit.** User-friendly thanks to the absence of glass fibre components, environmentally friendly thanks to the use of $CO_2$-neutral natural fibre components. Working time and tool costs are halved – and at an absolutely outstanding price-performance ratio.

**Benefits at a glance**

- **40 grit material removal** with **60 grit grinding results.**
- **Multigrain (40/60) saves on extra storage required for different grits.**
- **New ceramic hybrid fabric** allows work piece grinding with just one grit in the coarse-to-medium grit range.
- Fewer work steps at the highest level of performance.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- Especially soft grinding transitions thanks to **ideal work piece adaptation.**




The TRIMFIX® HellFire® achieves the same high grinding performance on all metals.



TRIMFIX® HellFire® guarantees first-class work results: Even extremely strong, tough steel, such as e.g. B. a Leopard 2 tank tube, can be machined without any problems.

## Technical specifications TRIMFIX® HellFire® flap disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg, unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 100 x 16.0** | 8,000 – 10,000 | 15,000 | 80 m/sec | Natural fibre | 40 | Multigrain 40/60 | 91521 |
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 40 | Multigrain 40/60 | 91530 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 40 | Multigrain 40/60 | 91540 |
| **Ø 150 x 22.2** | 6,000 – 7,000 | 10,000 | 80 m/sec | Natural fibre | 40 | Multigrain 40/60 | 91547 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 40 | Multigrain 40/60 | 91549 |

NATURAL FIBRE · FREE OF FIBRE GLASS · 5 ° ANGLE · PATENTED · REDUCING NOISE · FLEXIBLE · TRIMMABLE · DESIGN COPYRIGHT · ALL METALS · MPA tested

1 **Ceramic hybrid cloth:** One disc with one grit grinds from coarse to medium in a single operation.

2 **Multigrain (40/60)** saves on extra storage required for different grits.

3 **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.




Self-trimming in the outer diameter, 100% usable fabric.

# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL**

## TRIMFIX® SteelFire®

### The performance miracle on steel – unprecedented flap disc steel removal



In order to counter the growing pressure of labour costs, Eisenblätter is launching a **new generation** of flap discs **for steel machining** based on 45 years of experience in developing cutting-edge grinding tools. This revolutionary product was developed especially for high-performance areas in **steel construction** such as **shipyards, bridge-building, railroads, energy-sector construction, and building construction and civil engineering:** anywhere where it is important to work effectively in the shortest possible time. The special formulation with hybrid grit technology and patented arrangement of abrasive cloth ensures material removal rates that were unimaginable a short time ago.

#### Benefits at a glance

- High-tech **zirconium hybrid flap disc,** especially for time-saving high-speed steel removal.
- Uniform grinding results and cool grinding – without discolouration.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- The visco-elastic backing plate ensures **optimum work piece adaptation for particularly soft grinding transitions.**
- **Great labour savings.**
- Its **enormous material removal** and rapid grinding effect lead us to recommend a performance-optimised, variable-speed, high-torque angle grinder – VARILEX® 1802 HT from Eisenblätter meets every element of this description and is the ideal counterpart for the TRIMFIX® SteelFire® flap disc (see page 16).
- Also suitable for stainless steel (Fe-S-Cl<0.1%).



Together with the newly developed, high-torque angle grinder VARILEX® 1802 HT, working times can be shortened enormously and labour costs massively reduced.




High speed stock removal on steel with extreme service life.
**The cheapest way to grind!**

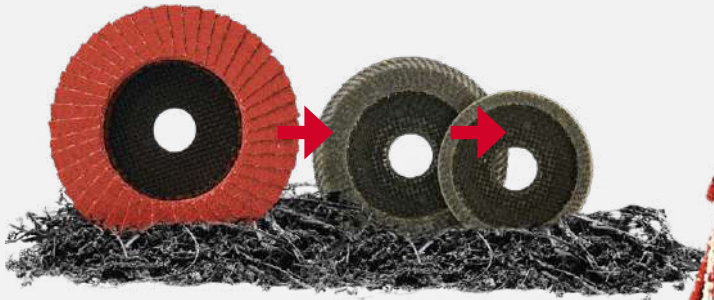
## Technical specifications TRIMFIX® SteelFire® flap disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 40 | 40 | 91364 |
| | | | | | | 60 | 91366 |
| **Ø 125 x 22.2** | 6 ,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 40 | 40 | 91374 |
| | | | | | | 60 | 91376 |
| **Ø 150 x 22.2** | 6 ,000 – 7,000 | 10,000 | 80 m/sec | Natural fibre | 40 | 40 | 91384 |
| | | | | | | 60 | 91386 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 40 | 40 | 91394 |
| | | | | | | 60 | 91396 |

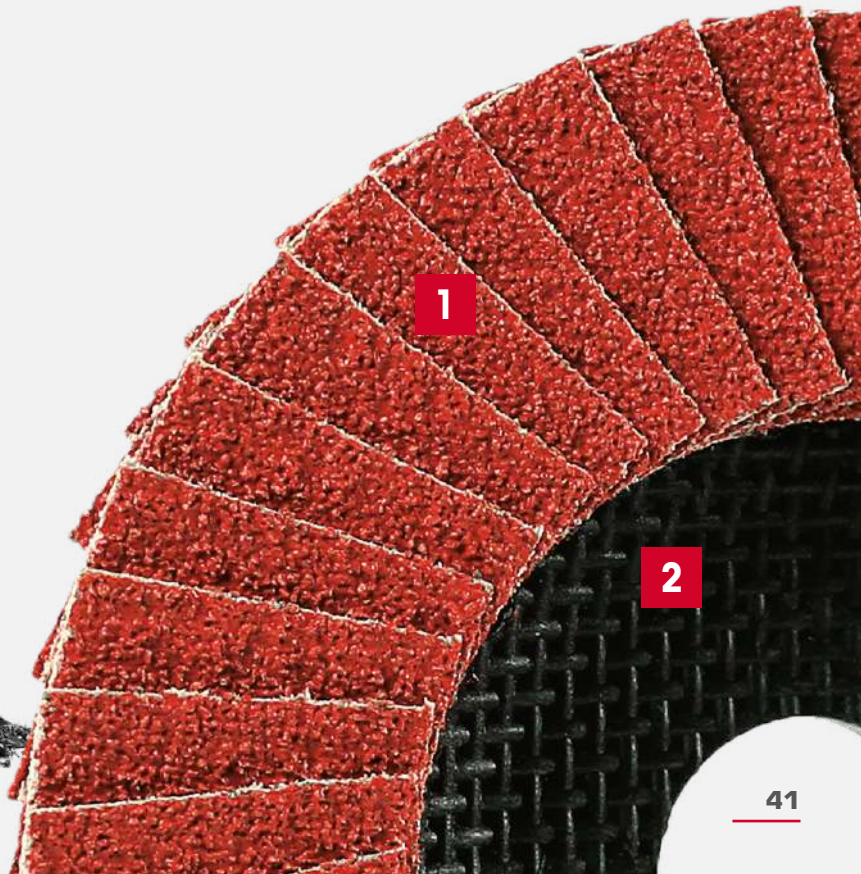
NATURAL **FIBRE** · FREE OF **FIBRE GLASS** · 5 ° **ANGLE** · **PATENTED** · REDUCING **NOISE** · **FLEXIBLE** · **TRIMMABLE** · DESIGN **COPYRIGHT** · STAHL **STEEL** · MPA tested

**1** **The zirconium hybrid cloth** ensures consistent performance and long service life to the end of the disc.

**2** **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.



Self-trimming in the outer diameter, 100% usable fabric.



# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL**

## TRIMFIX® BLACK MAMBA®

### One of the most powerful flap discs on steel




The TRIMFIX® BLACK MAMBA® is a **high-performance flap disc** for **steel.** It is designed to deliver extremely long service life and exceptional material removal for modern **steel machining operations.** The newly developed pure zirconium cloth with cooling agents and great abrasive content makes it ideal for machining all grades of **steel up to stainless steel.** The backing plate is made of **natural fibre** and is environmentally and user-friendly while adjusting flexibly to the work piece, guaranteeing **smooth grinding transitions.**
The TRIMFIX® BLACK MAMBA® can be trimmed, allowing significant tool cost saving. Up to 4.5 kg of steel can be removed using just one BLACK MAMBA® Ø 125 mm grit 40 disc.

#### Benefits at a glance

- **The high-performance flap disc offers exceptional service life and material removal** for steel and stainless steel.
- **Newly developed pure zirconium cloth** with cooling agents guarantee **cool grinding** and performance **throughout the service life.**
- Sets new performance records with a **nominal removal rate of up to 4.5 kg of steel (depending on grit size).**
- **Ideal work piece adaptation ensures especially soft grinding transitions.**
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**



## Technical specifications TRIMFIX® BLACK MAMBA® flap disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 100 x 16.0** | 8,000 – 10,000 | 15,000 | 80 m/sec | Natural fibre | 40 | 40 | 91704 |
| | | | | | | 60 | 91706 |
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 40 | 40 | 91714 |
| | | | | | | 60 | 91716 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 40 | 40 | 91724 |
| | | | | | | 60 | 91726 |
| **Ø 150 x 22.2** | 6,000 – 7,000 | 10,000 | 80 m/sec | Natural fibre | 40 | 40 | 91734 |
| | | | | | | 60 | 91736 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 40 | 40 | 91744 |
| | | | | | | 60 | 91746 |



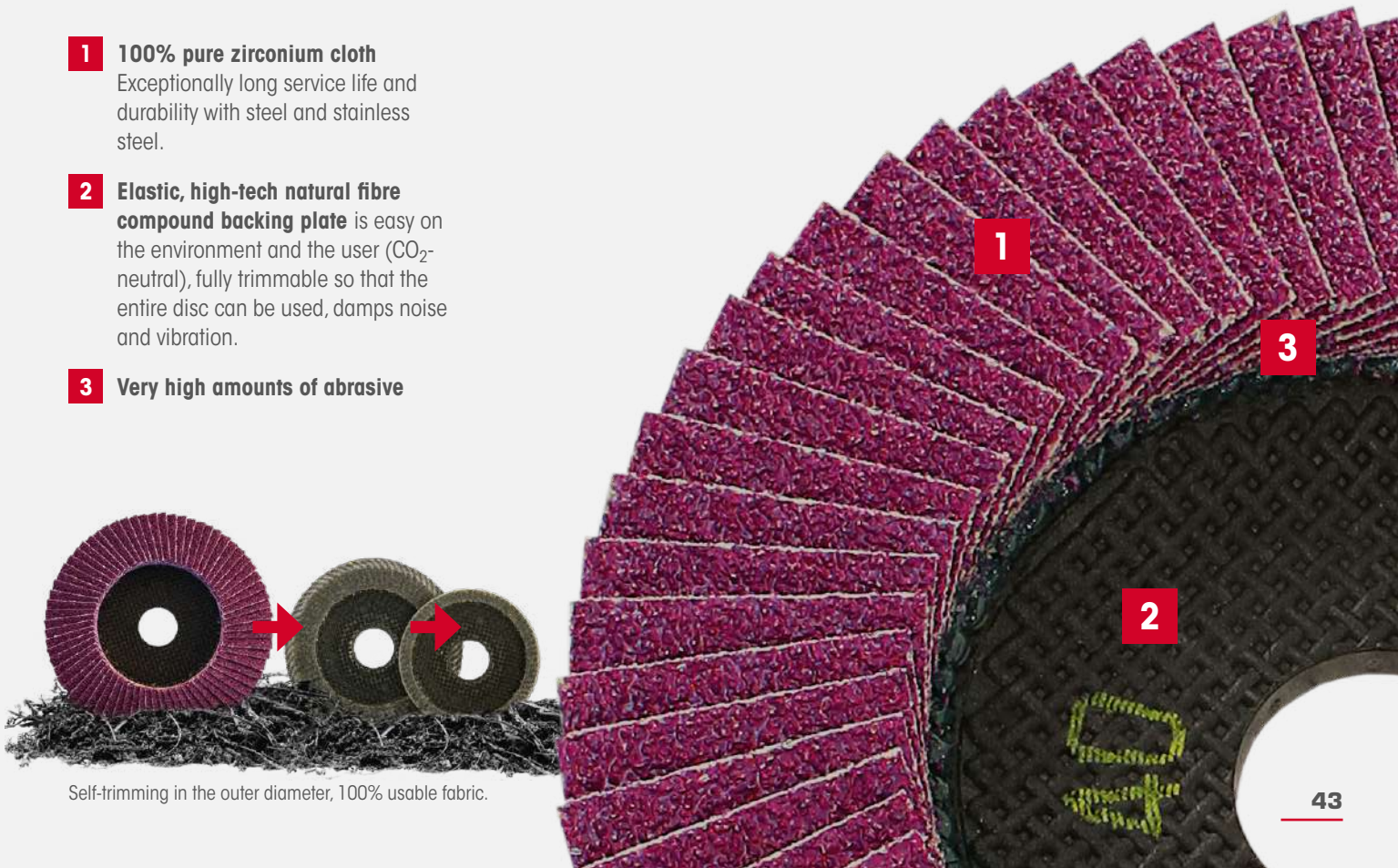

You can watch the **video for TRIMFIX® BLACK MAMBA®** – probably the strongest flap disc on steel – here:

https://www.youtube.com/eisenblaettergmbh

**1** **100% pure zirconium cloth**
Exceptionally long service life and durability with steel and stainless steel.

**2** **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.

**3** **Very high amounts of abrasive**




Self-trimming in the outer diameter, 100% usable fabric.

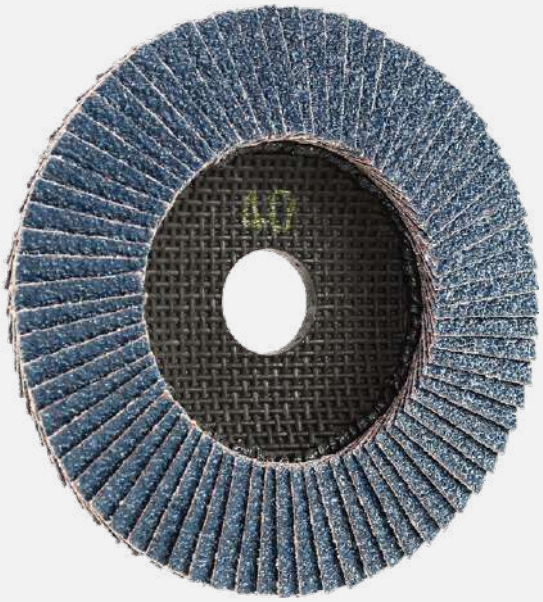
# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL**

## TRIMFIX® ZIRCOPUR®

### For universal grinding work on steel and stainless steel



The quality flap disc with its revolutionary TRIMFIX® backing plate technology is equipped with **high-tech zirconium fabric** for first-rate grinding results at an unbeatable price for this superb quality.

The visco-elastic backing plate of natural fibre compound allows the disc to adapt perfectly to the work piece surface. Available in all commonly used sizes and grits, it is a universal aid you can rely on in the **medium to high power range.**

**Benefits at a glance**

- **High-tech zirconium cloth** for great grinding performance on steel and stainless steel.
- Very good grinding results with **unbeatable price-performance ratio.**
- **Ideal work piece adaptation ensures especially soft grinding transitions.**
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**



## Technical specifications TRIMFIX® ZIRCOPUR® flap disc

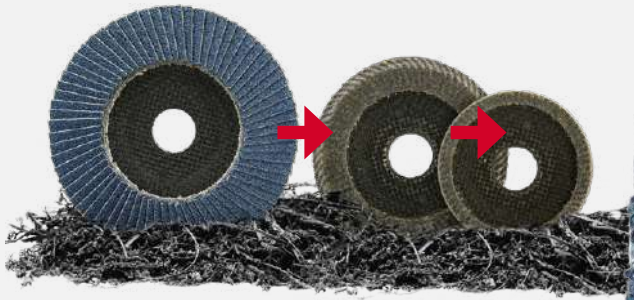
| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 100 x 15.2** | 8,000 – 10,000 | 15,000 | 80 m/sec | Natural fibre | 40 | 40 | 91500 |
| | | | | | | 60 | 91501 |
| | | | | | | 80 | 91502 |
| | | | | | | 120 | 91503 |
| **Ø 100 x 16.0** | 8,000 – 10,000 | 15,000 | 80 m/sec | Natural fibre | 40 | 40 | 91504 |
| | | | | | | 60 | 91506 |
| | | | | | | 80 | 91508 |
| | | | | | | 120 | 91509 |
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 40 | 40 | 91514 |
| | | | | | | 60 | 91516 |
| | | | | | | 80 | 91518 |
| | | | | | | 120 | 91519 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 40 | 40 | 91524 |
| | | | | | | 60 | 91526 |
| | | | | | | 80 | 91528 |
| | | | | | | 120 | 91529 |
| **Ø 150 x 22.2** | 6,000 – 7,000 | 10,000 | 80 m/sec | Natural fibre | 40 | 40 | 91574 |
| | | | | | | 60 | 91576 |
| | | | | | | 80 | 91578 |
| | | | | | | 120 | 91579 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 40 | 40 | 91580 |
| | | | | | | 60 | 91581 |
| | | | | | | 80 | 91582 |
| | | | | | | 120 | 91583 |



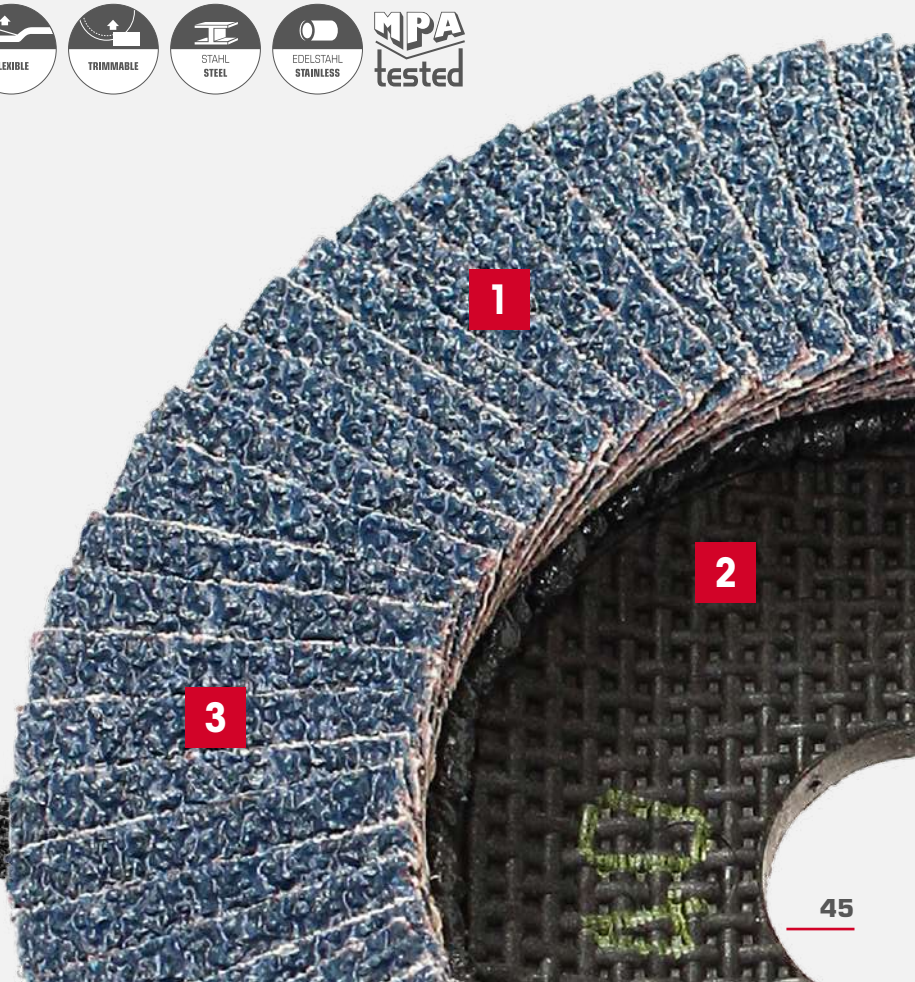

**1** **High-tech zirconium cloth**
Easy-to-use, cool grinding, even in continuous operation.

**2** **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.

**3** **Dimensions / grit**
Grit available in all commonly used industrial dimensions and grits.



Self-trimming in the outer diameter, 100% usable fabric.



# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · HARD PLASTICS**



## PLANTEX®
## Cool Top® Universal

### Its 100% pure zirconium on 100% cotton cloth ensures outstanding grinding behaviour on all materials

Since Eisenblätter launched the first flap disc with pure zirconium cloth for high-speed angle grinders at the end of the 1970s, it has repeatedly had innovative ideas that decisively influenced the development of the flap disc. Natural fibre compound is an ideal material for backing plates. With the development of this new manufacturing technique, PLANTEX® Cool Top® Universal became the first flap disc in the world with a backing plate of renewable hemp.

**Benefits at a glance**

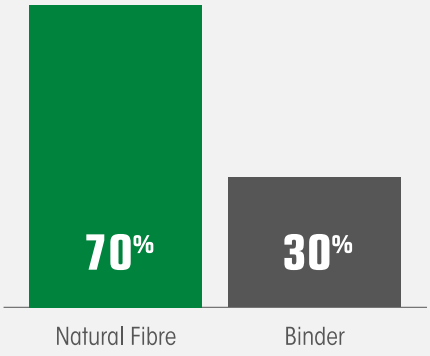
- **Ultra-safe to work with.**
- Conserves resources and is **environmentally friendly.**
- **Minimises pollution from manufacture to disposal.**
- **Absorbs heat** (hollow-fibre insulation reduces temperature during grinding).
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- **Easy to dispose of.**
- **Superb insulating,** damping, and noise-reducing qualities.
- High strength at **low weight.**
- Exhibits great dimensional stability while remaining **flexible.**
- **Resistant to most chemicals.**
- **Good energy-$CO_2$ balance.**



## Technical specifications PLANTEX® Cool Top® Universal flap disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Natural fibre | 10 | 40 | 92140 |
| | | | | | | 60 | 92160 |
| | | | | | | 80 | 92180 |
| | | | | | | 120 | 92190 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 10 | 40 | 92240 |
| | | | | | | 60 | 92260 |
| | | | | | | 80 | 92280 |
| | | | | | | 120 | 92290 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Natural fibre | 10 | 40 | 92340 |
| | | | | | | 60 | 92360 |
| | | | | | | 80 | 92380 |
| | | | | | | 120 | 92390 |

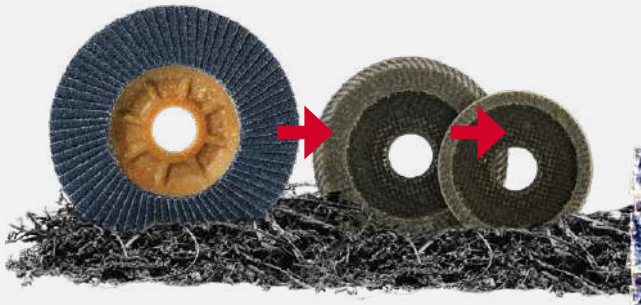
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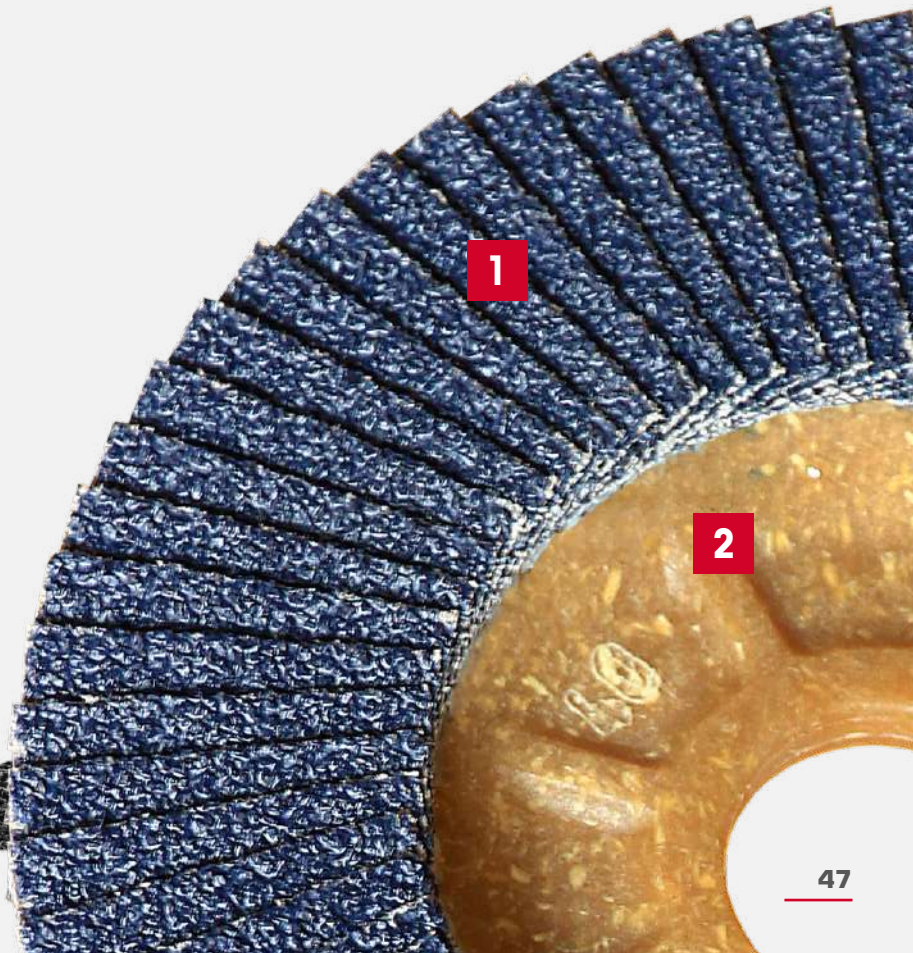

**Approximate content ratio (proportions in the backing plate)**

**1** **100% pure zirconium with grinding additives on 100% cotton for an** extremely wide range of applications.

**2** **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.



Self-trimming in the outer diameter, 100% usable fabric.



**SUITABLE FOR STEEL · STAINLESS STEEL**

# MAGNUM® Cool Top® 5+

**The legendary, original MAGNUM® high-performance flap disc with extremely high fabric content for extremely long service life**

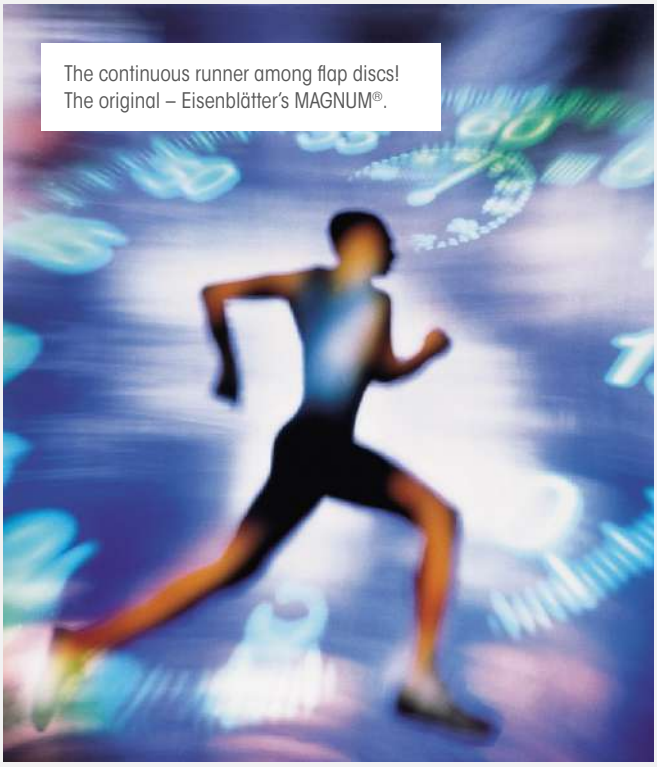


### Benefits at a glance

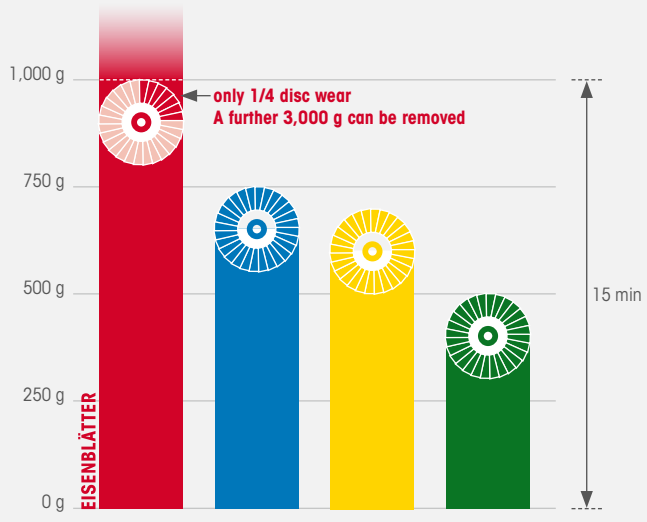
- **Long, quick, efficient grinding.** Has been the price-performance benchmark for years.
- The **ultra-powerful zirconium flap disc** with a backing plate of food-grade plastic.
- **Can be used universally for steel, cast iron, and stainless steel.** For surface and edge grinding, coarse and intermediate grinding, machining fillet welds, removing rust, deburring, and cleaning castings.
- In many companies, it **replaces** not only **fibre discs,** but also **rough grinding discs.**
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**

**100% utilization of the disc by gradually trimming the backing plate**






**Steel material removal in 15 minutes (steel/ST37)**

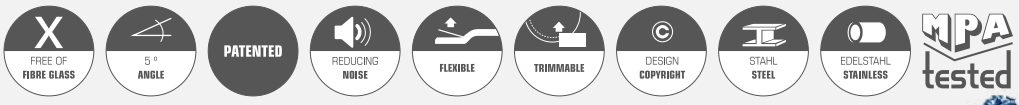



| | Ø disc | Material removal in 15 minutes | Approx. maximum overall performance |
|---|---|---|---|
| **A** – top quality | 125 mm | **1,000 g** | > 4,000 g |
| **B** – high quality | 125 mm | 750 g | 2,500 g |
| **C** – medium quality | 125 mm | 650 g | 1,500 g |
| **D** – low quality | 125 mm | 500 g | 750 g |



## Technical specifications MAGNUM® Cool Top® 5+ flap disc

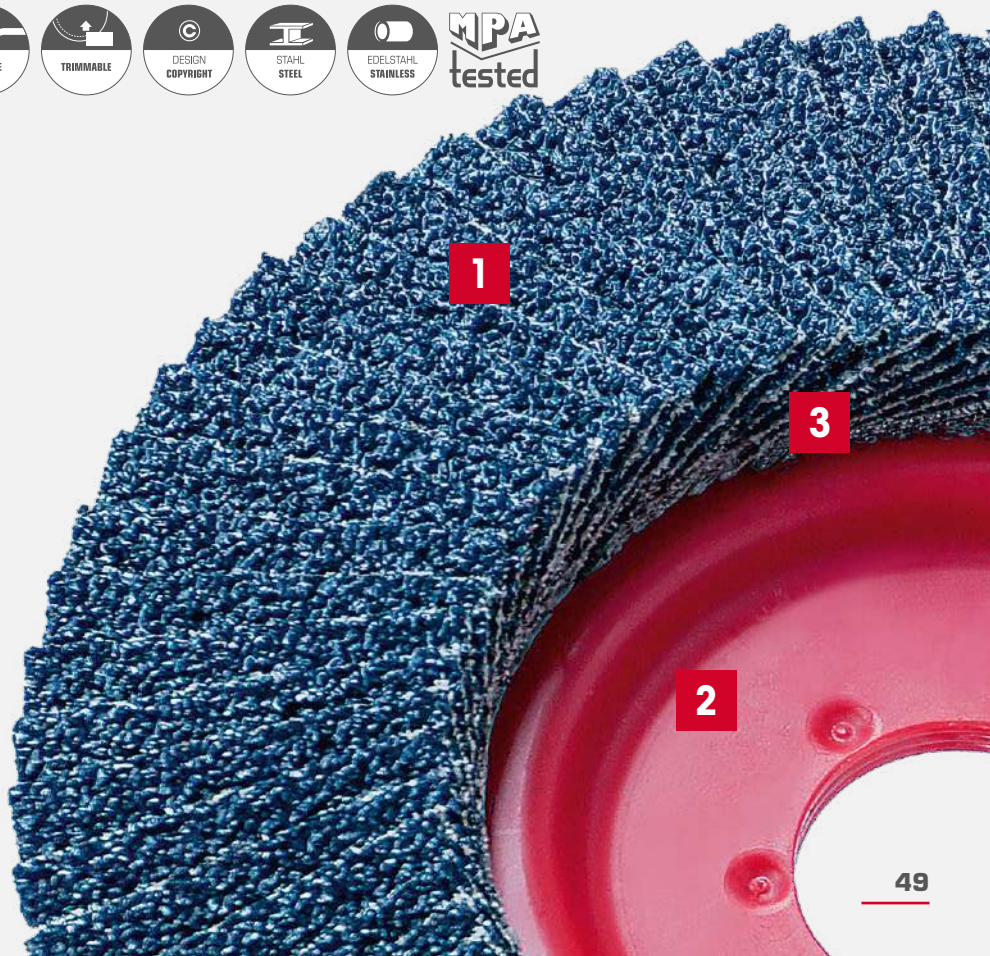
| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 96140b |
| | | | | | | 60 | 96160b |
| | | | | | | 80 | 96180b |
| | | | | | | 120 | 96190b |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 96240b |
| | | | | | | 60 | 96260b |
| | | | | | | 80 | 96280b |
| | | | | | | 120 | 96290b |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Special flexible plastic | 10 | 40 | 96340b |
| | | | | | | 60 | 96360b |
| | | | | | | 80 | 96380b |




**1** **Legendary abrasive formulation**
Pure zirconium plus cooling agent guarantees huge benefits compared to conventional flap discs:
Often up to 50% faster in removing material, many times the service life of conventional flap discs with cooler grinding due to additional cooling agents.

**2** Backing plate made from specially developed flexible, food-grade plastic: **Easy to trim, damps vibration, and completely free of glass fibre.**

**3** **Very high amounts of abrasive**



# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL**

# MAGNUM® Kehlnaht

## Fillet Weld: High-performance flap disc with great flap overhang – a problem-solver in corners




### Benefits at a glance

- For perfect **low-cost machining of corner, edge, and fillet welds.**
- The large, **flexible overhang of the abrasive flaps** over the backing plate adjusts perfectly to the shape of a fillet weld.
- **Smooth blends on corner welds.**
- Clean, **groove-free results.**
- The same grinding performance and service life as the MAGNUM® Cool Top® $5^{+}$.
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**
- **Legendary abrasive formulation** (pure zirconium plus cooling agent) guarantees **huge benefits** compared to conventional flap discs:
  Often up to 50% faster in removing material, many times the service life of conventional flap discs with **cooler grinding due to additional cooling agents.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 96284 |
| | | | | | | 60 | 96286 |
| | | | | | | 80 | 96288 |
| | | | | | | 120 | 96289 |

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**SUITABLE FOR ALL METALS**

# MAGNUM® Ceramic

## Ceramic high-performance flap disc with exceptional grinding performance on all metals

High-quality ceramic product with high amounts of abrasive for an extremely long service life. Micro-crystalline grain and cooling layer increase the removal rate at reduced temperatures.




### Benefits at a glance

- Advanced **high-performance ceramic disc for maximum performance.**
- **Extreme material removal rate** for stainless steel, steel, titanium, and bronze.
- **Exceptionally cool grinding behaviour** prevents discolouration.
- **Elasticity** provides damping and **noise-reducing properties.**
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**
- **Trimmable backing plate allows complete use** of all abrasive flaps.
- **Can be used particularly universally on different metals and hard-to-grind materials.**

### Technical specifications

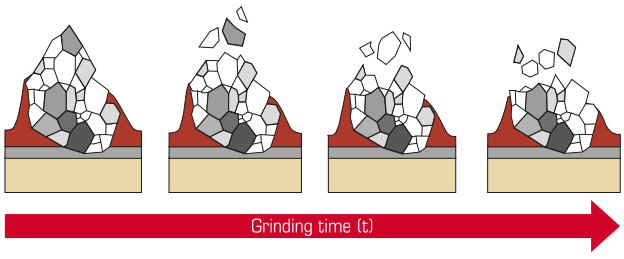
| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 96624 |
| | | | | | | 60 | 96626 |
| | | | | | | 80 | 96628 |






### Eisenblätter ceramic self-sharpening process

The existing grinding force breaks off sintered micro-crystals, continuously giving the grit new, sharp cutting edges.



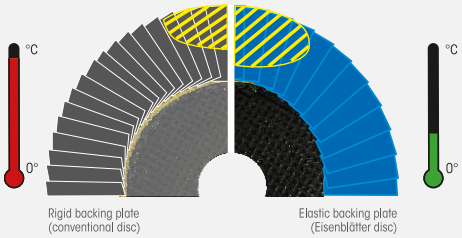
# FLAP DISCS

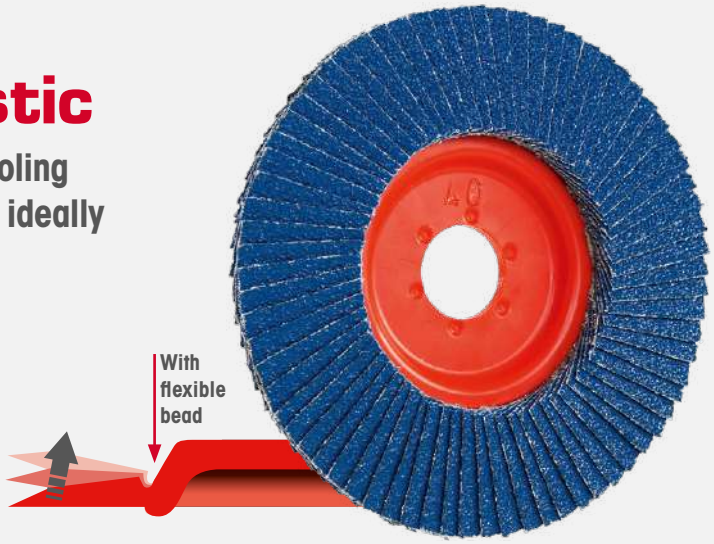
Grinding and blending

**SUITABLE FOR STEEL · CAST IRON · STAINLESS STEEL**

## BLUE SHARK® Elastic

**Highly flexible flap disc with zirconium cooling layers for especially smooth, flat finishes, ideally suited for use in sheet metal working**




### Benefits at a glance

- **Highly flexible, especially damping flap disc** with low overall height.
- For exceptionally **smooth, flat finishes** for such operations as the surface grinding of large constructions.
- The **highly flexible** backing plate allows the grinding disc to adjust ideally to the work piece surface.
- Cooler grinding behaviour makes it **ideal for sheet metal.**
- The effective **contact surface area is larger,** so heat dissipation is considerably greater. **This largely prevents work piece discolouration.**
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**
- Larger contact surface area ensures **much longer service life** than that of conventional flap discs.

### Technical specifications

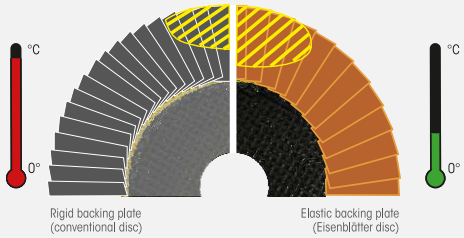
| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 94140e |
| | | | | | | 60 | 94160e |
| | | | | | | 80 | 94180e |
| | | | | | | 120 | 94190e |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 94240e |
| | | | | | | 60 | 94260e |
| | | | | | | 80 | 94280e |
| | | | | | | 120 | 94290e |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Special flexible plastic | 10 | 40 | 94340 |
| | | | | | | 60 | 94360 |

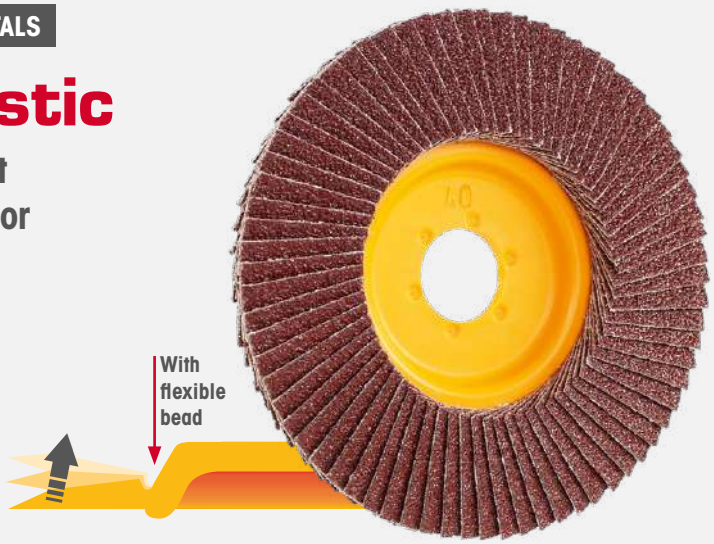


**SUITABLE FOR ALUMINUM · STEEL · NON-FERROUS METALS**

# TIGER SHARK® Elastic

## Highly flexible flap disc with cooling effect for smooth, flat grinding surfaces – ideal for machining aluminium




### Benefits at a glance

- **The special corundum abrasive cloth prevents smearing during aluminium grinding.**
- **TIGER SHARK® + ALU-FIX OIL deliver up to 300% more material removal and three times the service life.**
- **Visibly improved grinding results.**
- The **highly flexible** backing plate allows the grinding disc to adjust ideally to the work piece surface.
- Machining trimming enables use down to the last millimetre.
- High grinding performance at **low tool costs.**
- **High material removal capacity at reduced grinding temperature.**
- **Ideal for curved surfaces and shaped pieces** such as those encountered in car bodywork, motor vehicle workshops, and railway carriage and tool construction.
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743 ) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 9,000 | 13,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 94114 |
| | | | | | | 60 | 94116 |
| | | | | | | 80 | 94118 |
| | | | | | | 120 | 94119 |
| **Ø 125 x 22.2** | 6,000 – 8,000 | 12,200 | 80 m/sec | Special flexible plastic | 10 | 40 | 94124 |
| | | | | | | 60 | 94126 |
| | | | | | | 80 | 94128 |
| | | | | | | 120 | 94129 |
| **Ø 178 x 22.2** | 5,000 – 6,000 | 8,500 | 80 m/sec | Special flexible plastic | 10 | 40 | 94134 |
| | | | | | | 60 | 94136 |





**TIGER SHARK® + ALU-FIX Oil**
Results in up to 300% more removal rate and a service life that is up to 3 times longer (see page 223)

# FLAP DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL · CAST IRON · NON-FERROUS METALS · ALUMINUM**



## ZIRCOTEX® Nylon Plan

### The legendary flat flap disc – ideal for levelling weld seams on flat surfaces

Ideal for rough grinding, smoothing and leveling weld seams on flat surfaces and outer edges. Thanks to the wide double lamellas, the heat is distributed over the entire area and thus increases the cooling effect during grinding. The zircon fabric is versatile, so steel, stainless steel and cast iron can be processed just as well as non-ferrous metals and aluminum.

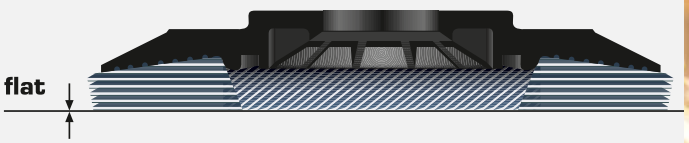
### Benefits at a glance

- **Extremely wide zirconium double flaps** (30 mm at Ø 115 mm) improve heat distribution and enhance the cooling effect.
- **Service life is around 50 times that of conventional corundum fibre discs.**
- For **rough grinding, smoothing,** and **cleaning weld seams** and **spot welds.**
- **Very large abrasive surface for a long service life.**
- **Flat contact area for perfect weld blending on outer edges** (weld seam edges).
- Ideal for **flat surfaces,** switch cabinet construction, and welding assemblies.
- Suitable as replacement disc for ROLEI EF 115 deburring devices (page 202).

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 7,000 – 8,000 | 13,200 | 80 m/sec | Polyamide plastic | 10 | 40 | 21040 |
| | | | | | | 50 | 21050 |
| | | | | | | 60 | 21060 |
| | | | | | | 80 | 21080 |
| | | | | | | 120 | 21120 |






SUITABLE FOR ALL METALS

# Flap Disc Test Box

## This is where you can find the ideal grinding disc for your individual application

**The ten best high-tech flap discs in a single box,** including sales documents.



### Technical specifications

| Product description | Pkg. unit | Article number |
|---|---|---|
| Test box including 10 different high-tech grinding discs | 1 | 99316 |

**Contents:**

- 1 TRIMFIX® ZIRCOPUR® 125 x 22.2 mm, grit 40
- 1 TRIMFIX® BLACK MAMBA® 125 x 22.2 mm, grit 40
- 1 TRIMFIX® HellFire® 125 x 22.2 mm, multigrain 40/60
- 1 TRIMFIX® SteelFire® 125 x 22.2 mm, grit 40
- 1 TRIMFIX® MUSTANG 125 x 22.2 mm, grit 40
- 1 PLANTEX® Cool Top® Universal 125 x 22.2 mm, grit 40
- 1 BLUE SHARK® Elastic 125 x 22.2 mm, grit 40
- 1 TIGER SHARK® Elastic 125 x 22.2 mm, grit 40
- 1 MAGNUM® Cool Top® 5+ 125 x 22.2 mm, grit 40
- 1 MAGNUM® Kehlnaht 125 x 22.2 mm, grit 40

## These Eisenblätter top quality flap discs are included in the test box:

**TRIMFIX® ZIRCOPUR®**



page 44

**TRIMFIX® BLACK MAMBA®**



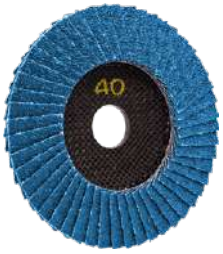
page 42

**TRIMFIX® HellFire®**



page 38

**TRIMFIX® MUSTANG**



page 36

**TRIMFIX® SteelFire®**



page 40

**MAGNUM® Kehlnaht**



page 50

**PLANTEX® Cool Top® Universal**



page 46

**BLUE SHARK® Elastic**



page 52

**TIGER SHARK® Elastic**



page 53

**MAGNUM® Cool Top® 5+**



page 48











SUITABLE FOR ALL METALS

# COLDSTEEL® RazorFlap® Grinding Disc

## The best of fibre and flap discs!




Completely new and **patented high-performance flap discs** guarantee metal removal rates that were previously not achievable with commercially available flap discs.

The **COLDSTEEL® RazorFlap® disc** was specially developed **for the heavy-duty area,** such as **in shipyards and shipbuilding, metal, structural and civil engineering** etc.; where it is a matter of processing or carrying out **large weld seams, chamfers, deburring and much more at record speed.** This ingenious new development represents an ingenious **combination of flap disc and ceramic fibre disc,** which combines durability and grinding performance of both systems. **Removal increases of 30 to 40%,** e.g. compared to ceramic flap discs are achieved on average. The **flat arrangement** of the lamellae and the **wide contact surface** enable a **high grinding speed on all metals** that were previously only known from **cubic ceramic fibre discs.** Similar to a flap disc, the lamellae are completely used up at the edge of the lamellae and **provide fresh grain.** Due to these polishing properties of the carrier fabric, **significantly lower roughness depths** are achieved on the surface of the work piece. This means that **post-processing** with subsequent tools **can often be dispensed with.**

The **COLDSTEEL® RazorFlap®** has been equipped with a **new generation** of **micro-crystalline ceramic grains** which, in addition to their **particularly cooling properties,** retain their **high grinding sharpness** over the **entire service life.** The new discs have a **fibreglass-free natural fibre compound backing plate with an M14 thread** and can be changed at lightning speed without tools. The **COLDSTEEL® RazorFlap® saves** enormously cost-intensive **working time,** especially when it comes to reducing metal mass quickly!

**Recommendation:**
Due to the extreme performance of these discs, we only recommend using particularly high-torque angle grinders, such as VARILEX® 1802 HT (High Torque) or corresponding grinders – see page 16!

### Benefits at a glance

- **3 to 4 times longer service life** than ceramic fibre discs.
- **30 to 40% higher stock removal rate** compared to conventional, ceramic flap discs.
- **Consistent grinding sharpness over the entire service life.**
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- With **integrated M14 thread** for tool-free and fastest tool changes.







## Technical specifications COLDSTEEL® RazorFlap® grinding disc

| Dimensions (mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing plate | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 125 x M14** | 6,000 – 8,000 | 12,200 | 80 m/sec | Natural fibre | 5 | 36 | 82211 |




**1** **Elastic natural fibre high-tech compound carrier plate** protects the environment and the user ($CO_2$-neutral), completely trimmable for 100 percent use of the disc, noise and vibration dampening.

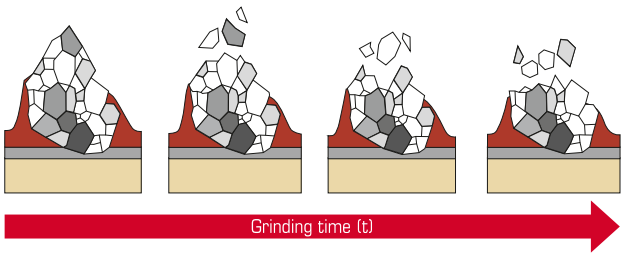
**2** **High-performance ceramic fabric** for maximum stock removal and cool grinding.

**3** **Patented lamella configuration for consistently high removal rates over the entire service life.**




### Eisenblätter ceramic self-sharpening process

The existing grinding force breaks off sintered micro-crystals, continuously giving the grit new, sharp cutting edges.



# FIBRE DISCS

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL**

## COLDSTEEL®

### Ceramic fibre disc



**Micro-crystalline abrasive grain** creates **additional, new abrasive edges during grinding,** which significantly increases the removal rate compared to conventional fiber discs.

**Advantage over pyramid ceramics:**
Despite high performance, **smoother surfaces** and therefore **less rework** on the workpiece. In addition, **drive motors are significantly protected.**

### Benefits at a glance

- **Top ceramic quality!**
- Ultra-fine grit and crystal structures ensure significantly **more self-sharpening edges and greatly improved material removal.**
- **Self-sharpening ceramic grit.**
- The finer grinding results on the work piece surface **reduces the frequent necessity of reworking** the piece with finer grits.
- Even in the **coarse grit range,** at a **high rate of material removal,** the **size of the chip particles** remains relatively **small, preventing** damage from the **afterglow effect** of large metal particles.
- The universal high-performance fibre disc with an especially great cooling agent content is easy on any drive motor.

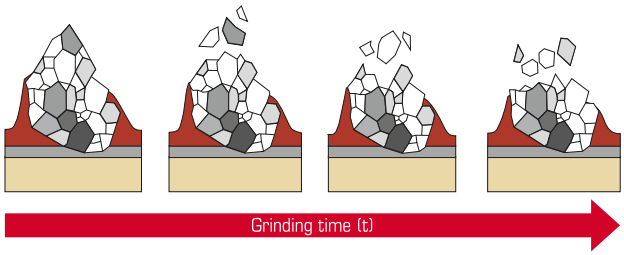
### Technical specifications

| Dimensions (mm) | Approved for (DIN EN 13743) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **Ø 115 x 22.2** | 80 m/sec | 25 | 36 | 82004 |
| | | | 60 | 82007 |
| | | | 80 | 82008 |
| | | | 120 | 82009 |
| **Ø 125 x 22.2** | 80 m/sec | 25 | 24 | 82013 |
| | | | 36 | 82014 |
| | | | 60 | 82017 |
| | | | 80 | 82018 |
| | | | 120 | 82019 |
| **Ø 180 x 22.2** | 80 m/sec | 25 | 24 | 82023 |
| | | | 36 | 82024 |
| | | | 60 | 82027 |
| | | | 80 | 82028 |
| | | | 120 | 82029 |



# COLDSTEEL® – the Eisenblätter ceramic self-sharpening process

The existing grinding force breaks off sintered micro-crystals, continuously giving the grit new, sharp cutting edges.






SUITABLE FOR FIBRE DISCS

# COLDSTEEL® Backing Pad




Specially developed heat-resistant backing pad for fibre discs. The ribs on the underside dissipate heat, effectively preventing heat build-up and discolouration.

## Benefits at a glance

- **Heat-resistant plastic** with a high fibre content for dimensional stability, even during continuous use.
- **Aluminium locking nut – no rust:** Aluminium alloy locking nuts prevent iron particle contamination of stainless steel when metals make contact.

## Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Approved for (DIN EN 13743) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 113** | M14 thread | 13,200 | 80 m/sec | 1 | 82001 |
| **Ø 123** | M14 thread | 12,200 | 80 m/sec | 1 | 82011 |
| **Ø 173** | M14 thread | 8,500 | 80 m/sec | 1 | 82021 |

5/8" threads upon request.

# VARILEX® ANGLE POLISHERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## VARILEX® POLISHER HT

### Durable powerhouse

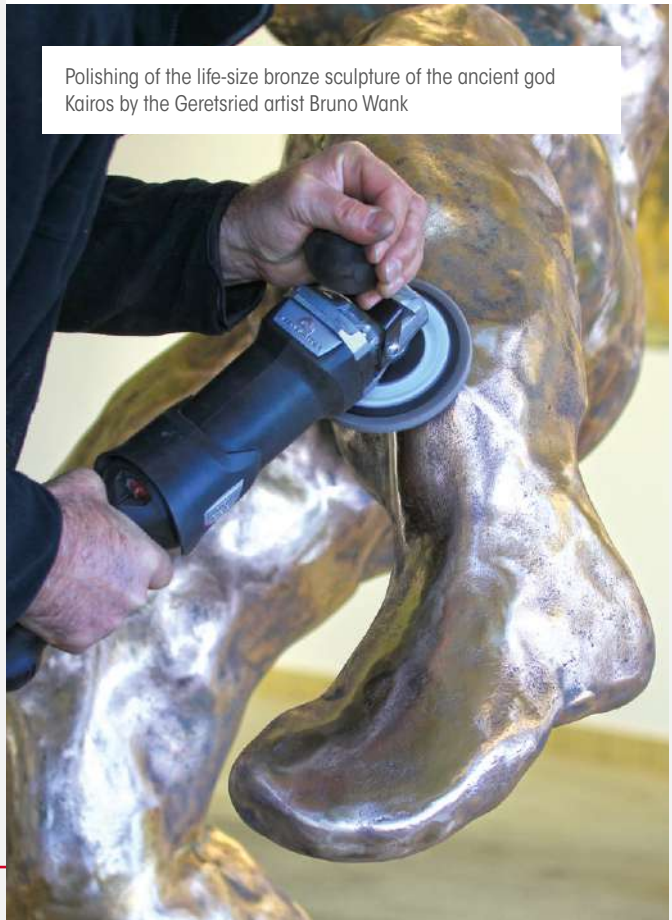



Because of the high braking effect involved, polishing work is among the most challenging types of work for any drive motor. With its newly developed drive motor with planetary gear, Eisenblätter offers an unparalleled range of torque and performance. The distribution of power across three additional transmission gear wheels allow torques under full load that conventional single transmissions of comparable size cannot achieve.

HT HighTorque

**Benefits at a glance**

- **Powerful motor (1,750 W) and new transmission mechanics** (high torque) for wear-resistant power transmission.
- Enormous power density despite the compact design: **Extremely powerful and robust one-hand polisher** (for disc up to Ø 180 mm) – 100% made in Germany.
- Eminently suitable for **cleaning, fine grinding, and polishing of stainless steel and non-ferrous metals,** for the FIX HOOK & LOOP system and, with an adapter, for the MINI FIX HOOK & LOOP system.
- **Balanced and vibration-damping handle** reduces strain on the user.
- **Infinitely adjustable speed from 820 to 3,000 rpm** with a tacho-generator for constant speed, even under load.
- Rubberised, **ultra-ergonomic shaft handle** ensures outstanding handling and sensitivity during work.
- **Elastic rubber ball handle** for optimum polishing handling and reduced strain on the user.

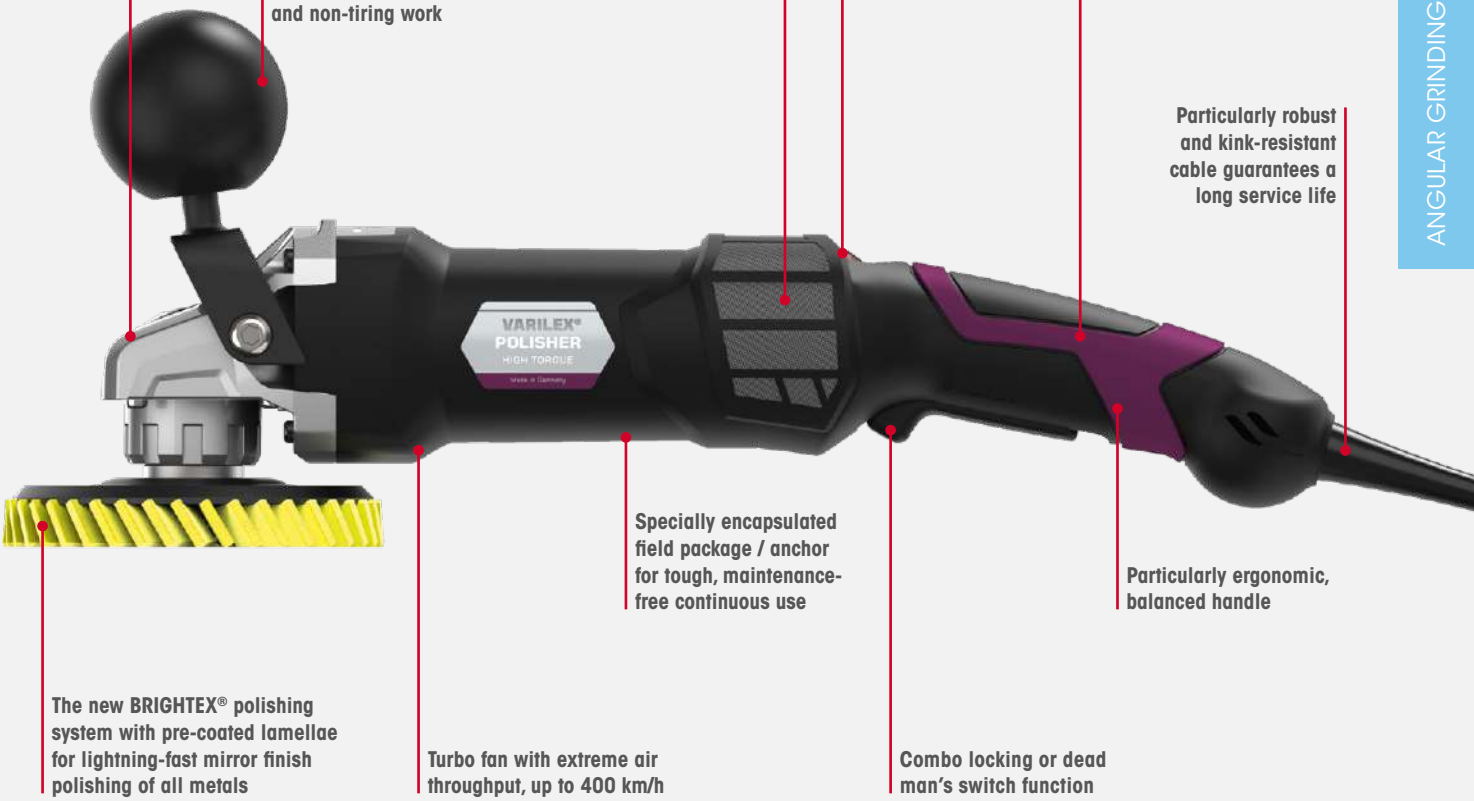


Polishing of the life-size bronze sculpture of the ancient god Kairos by the Geretsried artist Bruno Wank



# VARILEX® ANGLE POLISHERS

Mains powered machines




## Technical specifications VARILEX® POLISHER HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount | Speed (rpm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | M14 thread | 820 – 3,000 | 2.99 | 1 | 65051 |
| GB (G) | Permanent connection | 110 – 240 ~ 50 – 60 | 1,750 | M14 thread | 820 – 3,000 | 2.99 | 1 | 65051a |

**Contents:**
1 VARILEX® POLISHER HT basic device with rubber ball handle
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Support flange
1 Clamping nut
1 Chuck key
2 BRIGHTEX® FLAP polishing discs

**Please note:** Practical accessory set see page 64.

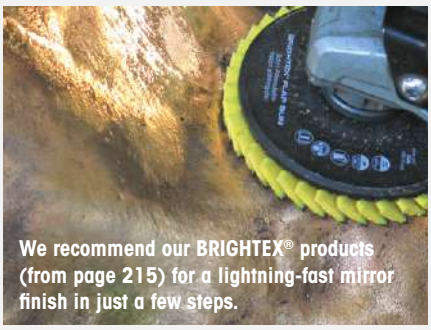




A **high-quality planetary gear** has been designed for grinding machines in the low speed range. It ensures wear-resistant power transmission with enormous additional torque.

**The ideal addition to your machine: VARILEX® POLISHER accessory set**
(see page 64)





# VARILEX® ANGLE POLISHERS

CAS cordless machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## VARILEX® POLISHER AKKU

### High-performance one-handed polisher



The planetary gear and 18 V provides especially great torque and pulling power even with very long running times. Soft handle is the first to allow ideal handling in all working positions. Ideal for the BRIGHTEX® mirror finish polishing system, finishing and fine grinding work and cleaning discs.

HT HighTorque

CAS CORDLESS ALLIANCE SYSTEM

**Benefits at a glance**

- **Powerful motor (18 V) and new transmission mechanics (high torque)** for wear-resistant power transmission. This is approx. 1,600 watts of power.
- Enormous power density despite the compact design: **Extremely powerful and robust one-hand polisher –** 100% made in Germany.
- **Balanced and vibration-damping rubber ball handle** reduces strain on the user.
- **Available for the first time with planetary gear,** giving it the power of a plug-in machine of ~1,600 watts.
- **Optimised speed of 1,600 rpm** with a tacho-generator and planetary gear for constant speed, even under load.
- Eminently suitable for **cleaning, fine grinding, and polishing of stainless steel and non-ferrous metals,** for the FIX HOOK & LOOP system and, with an adapter, for the MINI FIX HOOK & LOOP system.



# VARILEX® ANGLE POLISHERS

CAS cordless machines




## Technical specifications VARILEX® POLISHER AKKU basic set / basic device (without CAS batteries, charger & accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Mount | Speed (rpm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | M14 thread | 1,600 | 2.1 | 1 | 65061 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | M14 thread | 1,600 | 2.1 | 1 | 65062 |

**Scope of delivery**
**VARILEX® POLISHER AKKU basic set:**

1 VARILEX® POLISHER AKKU basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
1 Support flange
1 Clamping nut
1 Chuck key
2 BRIGHTEX® FLAP polishing discs



**Please note:** Practical accessory set see page 64, batteries and chargers see page 229.

**Scope of delivery**
**VARILEX® POLISHER AKKU basic device:**

1 VARILEX® POLISHER AKKU basic device
1 Robust, impact-resistant plastic case
1 Support flange
1 Clamping nut
1 Chuck key



**Attention:** No battery and no charger included!



# VARILEX® ANGLE POLISHERS

Accessory sets

**SUITABLE FOR VARILEX® POLISHER HT · VARILEX® POLISHER AKKU**

# VARILEX® POLISHER Accessory Set

27 TEILE PARTS

This accessory set is the ideal addition to the VARILEX® POLISHER. Whether you want to smooth a weld seam or need a perfect mirror finish, this set provides everything you need, including surface cleaning and sealing agent. All packed neatly in a robust, impact-resistant plastic case.

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Fine grinding to a perfect mirror finish** | VARILEX® POLISHER HT, VARILEX® POLISHER AKKU | 1 | 65052 |

**Contents:**

1 Mobile tool case
3 Fleece Flap Ø 125 mm
1 FIX HOOK & LOOP backing pad Ø 115 mm
4 FIX HOOK & LOOP Trizact™ Ø 115mm
2 FIX HOOK & LOOP AluPolish Ø 115 mm
2 BRIGHTEX® FLAP polishing discs Ø 125 mm
6 FIX HOOK & LOOP BRIGHTEX® polishing discs Ø 115 mm
2 BRIGHTEX® mini polishing pastes
1 BRILLIANCE CLEAN 50 ml
1 POWER CLEANER 50 ml
1 INOX PROTECT 50 ml
2 BRIGHTEX® microfibre cloths
1 BRIGHTEX® Softclean Powder



## The ideal supplement for these VARILEX® angle polishers:



**VARILEX® POLISHER HT** p. 60




**VARILEX® POLISHER AKKU** p. 62



**SUITABLE FOR ALL METALS**

# MAGNUM® Poly Magic Wheel

## The revolution for mirror-finish polishing in corners



**Application:**

1. **Pre-polish** and level fine weld seams with the MAGNUM® Poly Magic Wheel, **A grit.**
2. **Polish** to a flawless mirror finish with the MAGNUM® Poly Magic Wheel, **B grit.**

### Benefits at a glance

- For **fine grinding and mirror-finish polishing** in corners.
- Saves lots of working time and **replaces expensive manual labour,** particularly in balustrade and hand-rail production, which often involves corner welds.
- **Produces a flawless mirror finish in just two steps without polishing pastes or creams.**
- Can be used on many variable-speed angle grinders / polishers.
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**

**New formulation:**

- Highly compressed fleece disc for **greatly extended service life.**
- **Now it can also be used on flat surfaces.**

**Machine recommendation:**

- VARILEX® POLISHER HT, see page 60.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing plate | Ideal for | Application | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 165 x 22.2** | 3,000 – 4,000 | 5,700 | 6 | Special flexible plastic | Angle grinders with variable speed | Pre-polishing (A) | 5 | 96720 |
| | | | | | | Polishing (B) | 5 | 96721 |






# FINE GRINDING DISCS

Finishing and fine grinding

**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

# MAGNUM® DecoFinish

## New compact fleece with sensational, revolutionary properties




The open-pore design achieves **especially fine, decorative results on all metals,** hard plastics, and wood. Fine weld seams, spot welds, and deep scratches can be directly removed at the same time, depending on contact pressure. The especially fine finish allows an immediate perfect mirror finish with polishing discs such as those from the BRIGHTEX® polishing system if needed. This **avoids time-consuming intermediate grinding and polishing steps.** Even paint layers with filler on vehicle body parts can be ground down to bare metal. This metal is given a top finish and can immediately be re-painted.
With MAGNUM® DecoFinish, rust and oxide layers are no hindrance to a perfect final finish, either. This new compact fleece can be used **for a variety of applications.** It is extremely tough and durable, does not clog pores, and has damping, cooling properties that allow perfect work piece adaptation and soft grinding transitions.
**The MAGNUM® DecoFinish is certainly one of the most modern compact fleece designs on the global market.**

### Benefits at a glance

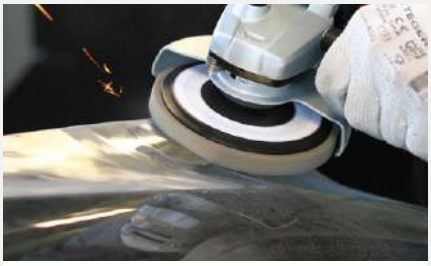
- **Homogeneous and decorative** result **in one operation.**
- **Outstanding for all metals** (stainless steel, steel, non-ferrous metals, etc.) and for hard plastic and wood.
- **Achieves the finest grinding results while smoothing scratches, minor weld seams, and spot welds.**
- **Removes paint, rust, and oxide perfectly while achieving a top quality finish.**
- Open-pored, tough **compact fleece with a long service life does not smear** even on paints and varnishes.
- **Cool grinding behaviour prevents discolouration.**
- **Perfect workpiece adaptation** thanks to **highly elastic properties,** resulting in significantly **improved surface grinding** compared to conventional discs.
- **Integrated M14 threads** ensure simple, fast, convenient disc change.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**



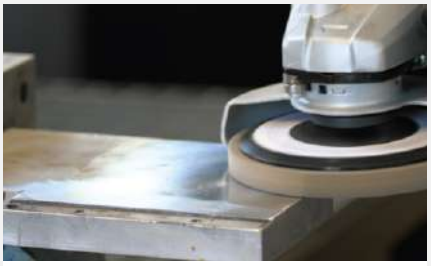
Perfect adaptation to the workpiece thanks to the visco-elastic properties of the grinding cloth and the elasticity of the natural fibre backing plate

# FINE GRINDING DISCS

Finishing and fine grinding



Removes scratches and small spot welds and seams all at the same time.



Ideal for pre-polishing.



Removes paint while achieving a surface finish.



Subsequent mirror finish polish with the BRIGHTEX® polishing system (Berry + Sun). See the polishing section starting on page 214.



Result: raw to perfect mirror finish in two to three steps – also ideal for round pipes.



Also suitable for processing wood.

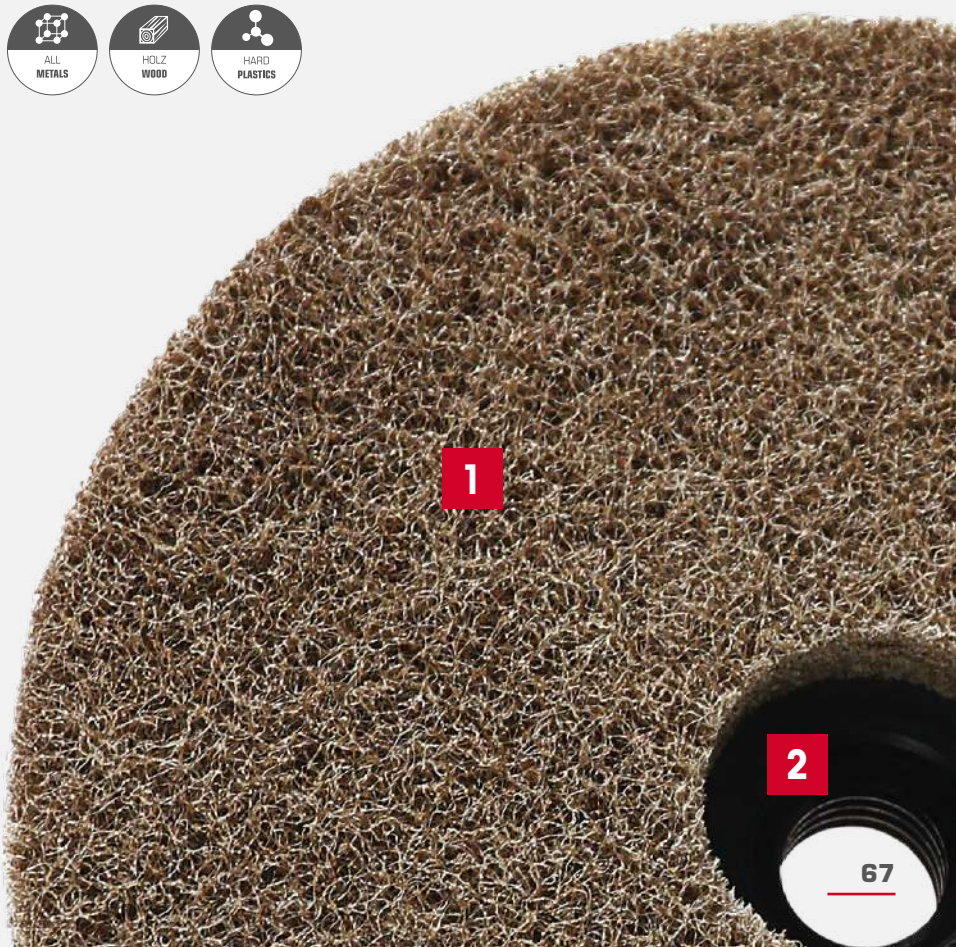
## Technical specifications MAGNUM® DecoFinish grinding disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for | Material thickness (mm) | Backing plate | Ideal for | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| **125 mm x M14** | 2,000 – 4,000 | 4,500 | 30 m/sec | 13 | Natural fibre | Angle grinders with variable speed | 5 | 96725 |




**1** Full-surface, open-pore special fleece: **Outstanding for all metals!**

**2** **Elastic, high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.



# FINE GRINDING DISCS

Finishing and fine grinding

**SUITABLE FOR ALL METALS · WOOD**

# TRIMFIX®
# Fleece Flap 1FOR2

## Only from Eisenblätter: 1FOR2 extra-coarse grit

The **1FOR2 extra-coarse (green) grit's ceramic grit content** allows easy removal of thin **weld seams and spot welds** at the same time.




### Benefits at a glance

- **Highly flexible, damping fleece flap disc** with low overall height.
- High-quality surface conditioning (SC) fleece material for an **extremely long service life.**
- Ideal for the preparation of a later high and mirror finish of stainless steel.
- Large effective contact surface area for **greater heat dissipation.**
- **Ideal for rounding off internal edges.**
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Ideal for | Backing plate | Pkg. unit | Grit (fleece) | Grit (K) | Colour (fleece) | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 2,000 – 5,000 | 12,200 | 80 m/sec | Angle grinders with variable speed | Natural fibre | 10 | 1FOR2 extra-coarse | 40 | green | 96740 |








The 1FOR2 extra-coarse (green) grit allows removal of thin weld seams and spot welds.

**SUITABLE FOR ALL METALS · WOOD**

# TRIMFIX® Fleece Flap

## Highly elastic SC fleece flap disc – ideal fine machining of weld seams



### Benefits at a glance

- **Highly flexible, damping fleece flap disc** with low overall height.
- High-quality surface conditioning (SC) fleece material for an **extremely long service life.**
- Ideal for the preparation of a later high and mirror finish of stainless steel.
- Large effective contact surface area for **greater heat dissipation.**
- **Ideal for rounding off internal edges.**
- In all grit grades from fine grinding to matt sheen.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Ideal for | Backing plate | Pkg. unit | Grit (fleece) | Grit (K) | Colour (fleece) | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 2,000 – 5,000 | 12,200 | 80 m/sec | Angle grinders with variable speed | Natural fibre | 10 | coarse | 80 | brown | 96741 |
| | | | | | | | medium | 180 | red | 96742 |
| | | | | | | | fine | 280 | blue | 96743 |

NATURAL FIBRE · FREE OF FIBRE GLASS · PATENTED · FLEXIBLE · TRIMMABLE · ALL METALS · HOLZ WOOD



For deburring, fine grinding, pipe finishing, TIG, weld grinding, and intermediate grinding.



# FINE GRINDING DISCS

Finishing and fine grinding

**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

# MAGNUM® Fleece Top

## Versatile fleece disc manufactured from foamed, compressed grinding fleece for fine finishes



For metalworking jobs such as grinding, fine grinding, smoothing and polishing and removing oxides, scratches, rust, burrs and paint. Also cleans and smooths wood and plastics.

### Benefits at a glance

- **Up to 8 times the service life** of conventional fleece discs.
- The special **self-cleaning fleece mixture prevents clogging and smearing.**
- Replaces wire brushes, sandpaper and rubber grinding wheels.
- Also ideal for **cleaning and smoothing metal, wood, and plastic.**
- **Consistently clean grinding pattern thanks to elasticity.**
- **Perfect for smoothing tool surfaces.**
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**
- Its 30-mm-wide silicon carbide fleece ring **significantly extends its service life!**







Stainless steel: Cleaning, removing minor scratches



Steel: Fine grinding, deburring, rust removal



Aluminium: Cleaning, fine grinding



Wood: Smoothing wood fibre

Please Note: Paint and varnish can be removed beforehand with Eisenblätter CLEAN discs (see page 74) products.

## Technical specifications MAGNUM® Fleece Top grinding disc

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing plate | Ideal for | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 115 x 22.2** | 2,000 – 5,000 | 8,000 | 15 | Special flexible plastic | Angle grinders with variable speed | 5 | 80 | 96710 |
| | | | | | | | 180 | 96711 |
| | | | | | | | 280 | 96712 |
| | | | | | | | 400 | 96713 |
| | | | | | | | 600 | 96714 |
| | | | | | | | 900 | 96715 |




## Roughness depth values:

| Average roughness depth for stainless steel | 80 | 180 | 280 | 400 | 600 | 900 |
|---|---|---|---|---|---|---|
| Rz in µ | 6.10 µ | 4.16 µ | 2.78 µ | 2.74 µ | 2.26 µ | 1.66 µ |

| Average roughness depth for aluminum | 80 | 180 | 280 | 400 | 600 | 900 |
|---|---|---|---|---|---|---|
| Rz in µ | 9.26 µ | 5.63 µ | 3.85 µ | 3.78 µ | 2.68 µ | 2.58 µ |

Rz = average roughness depth value

**1** The special **self-cleaning fleece** mixture prevents clogging and smearing.

**2** **Perfect for smoothing tool surfaces.**



# FINE GRINDING DISCS

Finishing and fine grinding

**SUITABLE FOR ALL METALS · WOOD**

# MAGNUM® Top Mix

## Combination fleece disc – complete 2 operations at once, high material removal with fine grinding results



The coordinated combination of abrasive flaps alternating with compressed fleece produces a much better grinding performance, longer service life, and fine grinding results. For preparatory grinding and fine grinding of spot welds and deep scratches on stainless steel, steel and non-ferrous metals, also great for finely deburring perforated sheet metal and reworking corners.

### Benefits at a glance

- Intermediate A/O grit layers make these discs **significantly more aggressive than conventional fleece discs.**
- The coordinated combination of abrasive flaps alternating with compressed fleece produces a **much better grinding performance, longer service life, and fine grinding results.**
- For **preparatory grinding and fine grinding of spot welds and deep scratches** on **stainless steel, steel** and **non-ferrous metals;** also great for finely deburring perforated sheet metal and reworking **corners.**
- Backing plate of specially developed **flexible, food-grade plastic: easy to trim, damps vibration, and completely free of glass fibre.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing plate | Ideal for | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 125 x 22.2** | 2,000 – 5,000 | 6,000 | 15 | Special flexible plastic | Angle grinders with variable speed | 5 | 80/100 | 96705 |






**SUITABLE FOR ALL METALS · WOOD**

# MAGNUM® Top Mix Strong

## Combination fleece disc with ceramic grit content – complete 2 operations at once, even greater material removal with fine grinding results




The coordinated combination of ceramic abrasive flaps alternating with foamed fleece produces a much better grinding performance, longer service life, and fine grinding results. For preparatory grinding and fine grinding of spot welds and deep scratches on stainless steel, steel and non-ferrous metals; also great for finely deburring perforated sheet metal and reworking corners.

### Benefits at a glance

- With **ceramic grit content** for much **higher material removal** and fine grinding results.
- The highly compressed fleece material has **many times the service life** of conventional combination fleece discs.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- **Integrated M14 thread** ensure simple, fast, convenient disc change.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing plate | Ideal for | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 125 x M14** | 2,000 – 5,000 | 6,000 | 15 | Natural fibre | Angle grinders with variable speed | 5 | 60/80 | 96703 |








# CLEANING DISCS

**SUITABLE FOR ALL METALS · WOOD · BRICK**

## MAGNUM® CLEAN-MIX

### When things need to move along




Newly designed cleaning wheel with ceramic intermediate abrasive flap layers. For an enhanced cleaning effect and longer disc service life. Open, elastic CLEAN material pores prevent the grinding disc from clogging and achieve a sand-blast-like effect on metal.
**The solution for effectively removing mill scale and scale!**

### Benefits at a glance

- **Nylon fibre "Clean" material containing grit,** with intermediate ceramic abrasive cloth layers **for greater material removal and much longer service life, with consistent grinding results.**
- Ideal for cleaning and freshening up wood surfaces, removing shell limestone from ship hulls, etc.
- The disc's **external diameter is trimmable.** No fibre glass components were used.
- The intermediate ceramic abrasive flap layers, tailored to the CLEAN material, **ensure uniform wear and therefore consistent grinding results.**
- **The quickest way to remove scales, rust, burrs, etc. from metals.**
- **Quick cleaning and renewing of wooden surfaces.**
- Elastic, **high-tech natural fibre compound backing plate** is easy on the environment and the user **($CO_2$-neutral),** fully **trimmable** so that the entire disc can be used, **damps noise and vibration,** with practical M14 threads, for fixing discs quickly without tools.
- The **integrated M14 threads** mean that no locking nut is necessary – no risk of contamination from the work piece touching the steel locking nut.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for | Material thickness (mm) | Backing plate | Pkg. unit | Ideal for | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|---|---|
| **125 mm x M14** | 2,000-4,500 | 4,500 | 30 m/sec | approx. 15 | Natural fibre | 5 | Angle grinders with variable speed | 80 | 96704 |





















**SUITABLE FOR ALL METALS · WOOD**

# MAGNUM® CLEAN-PLUS

## Clean more in the same amount of time

The open-pore hard nylon cloth with grinding grit fits well to all work-pieces, does not smear up, and leaves behind a bright surface like that expected from sand-blasting, without changing dimensional tolerance (even thin sheet metal can be easily machined). Also available as HOOK & LOOP version (see page 83).




### Benefits at a glance

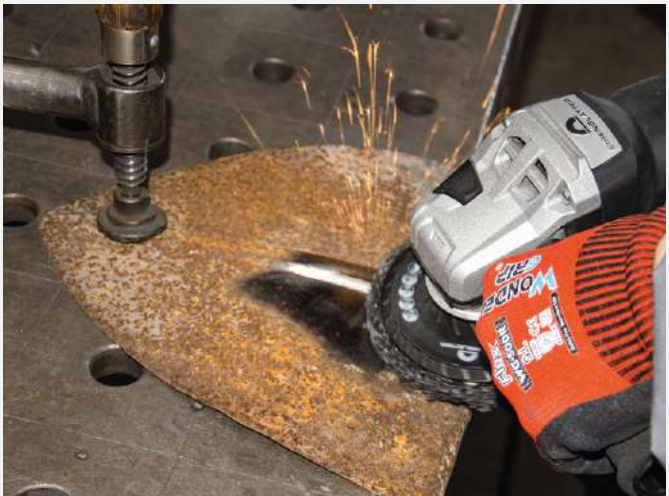
- Nylon fleece combined with abrasive cloth, **elastic so that it adapts better to the work piece.**
- Large-surface cloth content for **much longer service life.**
- Cleans all materials, such as metals, stone, plastics, and wood (boards and planks), pore-deep.
- **Effect is similar to that of sand-blasting, does not damage the basis.**
- Also removes rust, oxide, paint, Teroson, and much more.
- The sophisticated backing plate allows large-area application of hard fleece components – for less load and thus more than **50% longer service life.**
- **The longest possible service life** for cleaning and removing paint, rust, oxides, etc.
- Elastic, **high-tech natural fibre compound backing plate** is easy on the environment and the user ($CO_2$-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration, with practical M14 threads, for fixing discs quickly without tools.
- The **integrated M14 threads** greatly simplify disc change, and no locking nut is necessary – no risk of contamination from the work piece touching the steel locking nut.

**Please note:**
**Replaces** (with great service life and binding technology advantages) **MAGNUM® CLEAN.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for | Material thickness (mm) | Backing plate | Pkg. unit | Ideal for | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 125 x M14** | 2,000 – 4,500 | 4,500 | 30 m/sec | approx. 15 | Natural fibre | 5 | Angle grinders with variable speed | 96706 |

NATURAL FIBRE · FREE OF FIBRE GLASS · PATENTED · TRIMMABLE · M14 INTEGRIERT INTEGRATED · ALL METALS · HOLZ WOOD





# CLEANING DISCS

**SUITABLE FOR STAINLESS STEEL**

## MAGNUM® STAINLESS-CLEAN

### Stainless steel cleaning – looking its best

**Cleans and smooths stainless steel or steel weld seam surfaces quickly,** harmonises and smooths weld seams, and gives them the same perfect, high-level gloss – even in corners.




### Benefits at a glance

- **Special fleece fabric** impregnated with **ceramic grit** for **stainless steel machining.**
- Developed for **cleaning** and **smoothing stainless steel weld seams** and surfaces. Removes even **minor spot welds, discolouration,** and **deep scratches.**
- Full-surface fabric allows **exceptionally long service life.**
- **Extremely long service life guaranteed** due to application on a larger surface (more than 50% larger) than narrow, conventional cleaning rings!
- **Cleans and smooths stainless steel** weld seams and **removes spot welds, discolouration,** and **scratches.**
- Elastic, **high-tech natural fibre compound backing plate** is easy on the environment and the user **($CO_2$-neutral),** fully trimmable so that the entire disc can be used, **damps noise and vibration,** with **practical M14 threads,** for fixing discs quickly without tools.
- The **integrated M14 threads** mean that no locking nut is necessary – no risk of contamination from the work piece touching the steel locking nut.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for | Material thickness (mm) | Backing plate | Pkg. unit | Ideal for | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 125 x M14** | 2,000 – 4,500 | 4,500 | 30 m/sec | approx. 15 | Natural fibre | 5 | Angle grinders with variable speed | 96708 |



**SUITABLE FOR ALL METALS · WOOD**

# CLEAN Disc MCD

## for drills and polishers

Cleans and removes pore-deep paint, rust, scale, and dirt on all materials – even wood. Effect is similar to that of sand-blasting: cleans without removing material. Ideal for car bodywork, the automotive industry, shipyards, and renovation work by commercial decorators and builders. Also available as a HOOK & LOOP (velcro) version for polishing devices (see page 83).








### Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 115** | for clamping shaft | 5.000 | 13 | 10 | 61115 |
| **Ø 150** | for clamping shaft | 4.000 | 13 | 10 | 61150 |
| **Clamping shaft** | 8 mm steel shaft | | | 1 | 61151 |



# POLISHING DISCS

**SUITABLE FOR ALL METALS**

## BRIGHTEX® FLAP

### Berry & Sun

Flexibly fanned polishing disc made of polishing fleece with **pre-impregnated BRIGHTEX® polishing paste,** adapts perfectly to flat and shaped surfaces.



### Benefits at a glance

**Step 1: BRIGHTEX® FLAP Berry for top high gloss!**

- **For fast high-gloss polishing of all metals.**
- Pre- and main polishing in one, saving additional work steps.
- Polishes lightning fast in one operation, even through existing oxide layers.

**Step 2: BRIGHTEX® FLAP Sun for a mirror finish almost like chrome!**

- **For final high gloss on polished metals.**
- **Mirror finish almost like chrome – perfect finish.**
- For removing the last polishing mist and streaks on all metals.

**Please note:**
Always remove polishing residue from the work piece after changing the paste! If necessary, the carrier can be re-wetted with BRIGHTEX® pastes (see page 215).

- **Can be used immediately without additional pastes and creams!**
- **For the reconditioning of high-gloss machine-polished surfaces.**
- **Ideal for use with polishing machines and hand-held polishing devices.**
- Completely newly developed high-tech paste recipe.
- Elastic **natural fibre high-tech compound carrier plate protects the environment and users ($CO_2$-neutral),** completely **self-trimmable** for complete use of the disc, **noise and vibration dampening.**
- Lamellae can be "saturated" several times with BRIGHTEX® solid pastes (note grain size!) (see page 215).
- Polishing residue is best removed with **Eisenblätter care and cleaning agents** (BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).

### Technical specifications

| Version | Application | Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Backing plate | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **Ø 115 x 22** | 600 – 3,000 | 5,850 | Natural fibre | 5 | 96746 |
| | | **Ø 125 x 22** | | 5,350 | | | 96748 |
| Sun (yellow) | Mirror-finish polishing | **Ø 115 x 22** | 600 – 3,000 | 5,850 | Natural fibre | 5 | 96747 |
| | | **Ø 125 x 22** | | 5,350 | | | 96749 |








# POLISHING DISCS

Test sets

**SUITABLE FOR ALL METALS**

## BRIGHTEX® FLAP Test Set

### Pre- and main polishing up to the perfect mirror finish

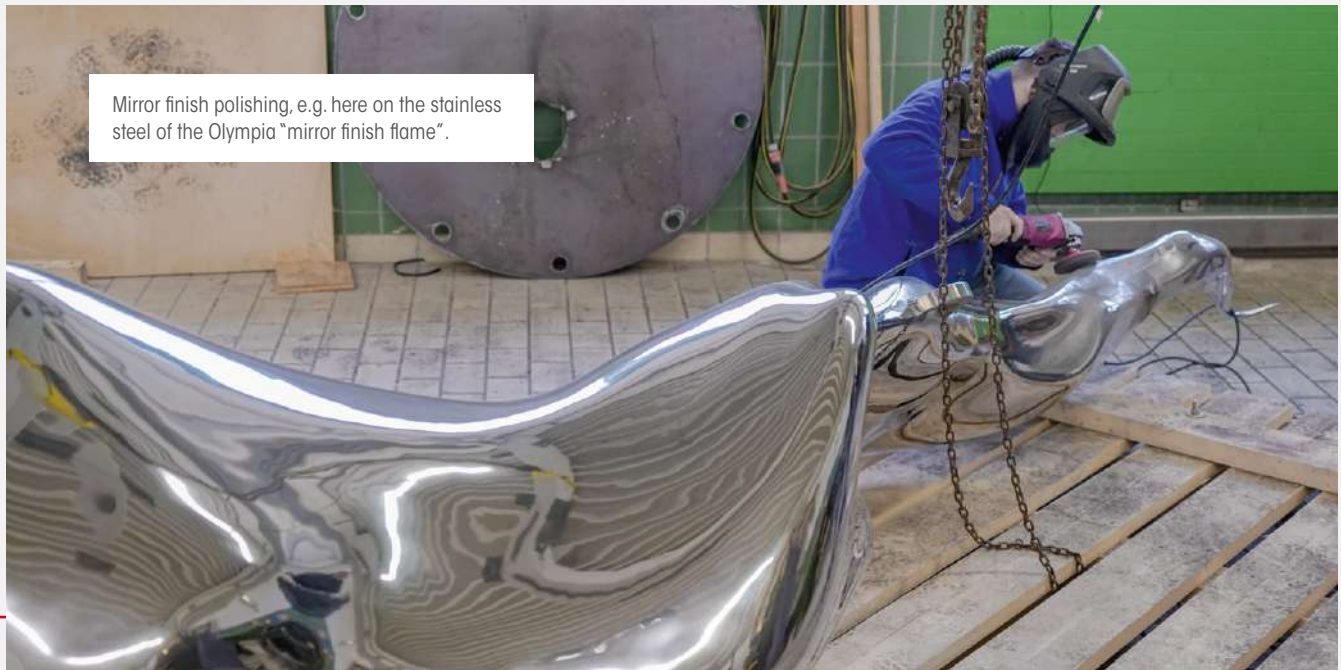



**Test the flexibly fanned BRIGHTEX® FLAP polishing discs now!** Made of polishing fleece with already pre-impregnated BRIGHTEX® polishing paste, they adapt perfectly to flat and shaped surfaces and remove even the finest streaks and any polishing mist in a flash. **BRIGHTEX® FLAP Berry** for preliminary and main polishing and **BRIGHTEX® FLAP Sun** for a perfect mirror finish.
**Can be used immediately on all metals without additional polishing pastes or creams.**
There is also the **POWER CLEANER** (see page 219) and the **BRIGHTEX® microfibre cloth** (see page 216) to remove polishing residue from the work piece.

### Technical specifications

| Application | Set content | Packaging | Pkg. unit | Article number |
|---|---|---|---|---|
| Pre- and main polishing up to perfect mirror finish | 1 BRIGHTEX® FLAP Berry polishing disc 125 x 22.2 mm<br>1 BRIGHTEX® FLAP Sun polishing disc 125 x 22.2 mm<br>1 POWER CLEANER 50 ml spray bottle<br>1 BRIGHTEX® microfibre cloth 400 x 400 mm | Resealable bag | 1 | 99327 |

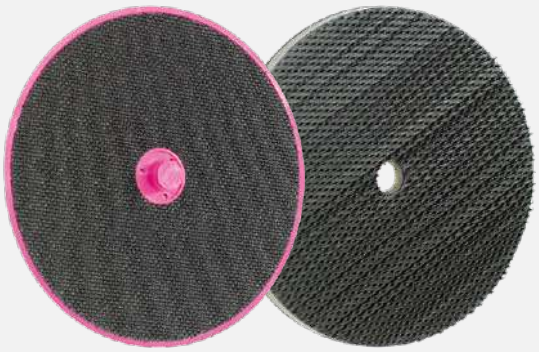
ALL METALS



Mirror finish polishing, e.g. here on the stainless steel of the Olympia "mirror finish flame".

**SUITABLE FOR HOOK & LOOP TOOLS**

# FIX HOOK & LOOP Special Backing Pad



Specially designed pad of flexible polyurethane with a click system, stabilising fins, and 10-mm centring pin to ensure that the disc runs perfectly. Other thread mounts (M10, 5/8") are available upon request.
**Optional:** A flexible, 6-mm-thick damping adapter with harpoon HOOK & LOOP and a special damping layer.
The centring pin is visible for exact grinding disc centring.

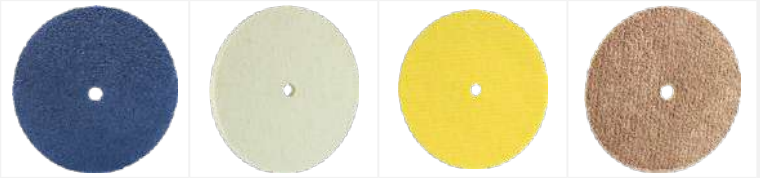
## Technical specifications

| Item | Dimensions (mm) | Maximum speed (rpm) | Mount | Material | HOOK & LOOP material | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| Special backing pad | **Ø 96** | 11,000 | M14 thread | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 80100p |
| | **Ø 110** | 10,500 | M14 thread | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 80115p |
| | **Ø 119** | 10,100 | M14 thread | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 80123p |
| | **Ø 143** | 8,500 | M14 thread | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 80150p |
| | **Ø 168** | 7,200 | M14 thread | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 80160p |
| Soft damping adapter | **Ø 110** | 10,500 | HOOK & LOOP | Foam | Harpoon HOOK & LOOP | 5 | 80120 |
| | **Ø 143** | 8,500 | HOOK & LOOP | Foam | Harpoon HOOK & LOOP | 5 | 80155 |

## Which FIX HOOK & LOOP disc can you use with or without a soft damping adapter? Here are our recommendations:

**With these FIX HOOK & LOOP discs, use either the backing pad only or the backing pad with soft damping adapter:**





Zircon disc | Felt disc | SuperPolish | BRIGHTEX®

**Only use the backing pad with these FIX HOOK & LOOP discs:**





Cool Top® | Clean

**With these FIX HOOK & LOOP discs, use the support pad in conjunction with the soft damping adapter:**





SC Fleece | AluPolish | Trizact™

# FIX HOOK & LOOP SYSTEM

Quick change system Ø 100 – 178 mm

**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS**

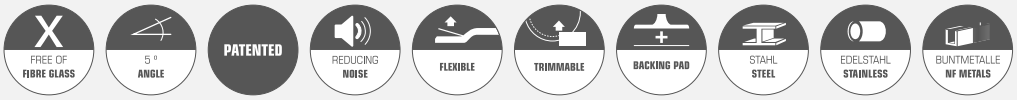
# FIX HOOK & LOOP Cool Top® Flap Disc




With Cool Top® pure zirconium abrasive. **Superb material removal, extremely long service life,** uniformly clean results and **no material discolouration** or smearing. Highly flexible flap disc – adjusts to work-pieces of any shape to produce **unbeatable finish in plane cut optics.**

## Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115** | 7,000 – 9,000 | 10,500 | 63 m/sec | HOOK & LOOP | 25 | 40 | 80340 |
| | | | | | | 60 | 80360 |
| | | | | | | 80 | 80380 |
| | | | | | | 120 | 80390 |
| **Ø 125** | 6,000 – 8,000 | 9,600 | 63 m/sec | HOOK & LOOP | 25 | 40 | 80440 |
| | | | | | | 60 | 80460 |
| | | | | | | 80 | 80480 |
| | | | | | | 120 | 80490 |
| **Ø 150** | 6,000 – 7,000 | 8,000 | 63 m/sec | HOOK & LOOP | 25 | 40 | 80540 |
| | | | | | | 60 | 80560 |
| | | | | | | 80 | 80580 |
| | | | | | | 120 | 80590 |






Change discs in seconds with the Eisenblätter FIX HOOK & LOOP and MINI FIX HOOK & LOOP systems.
Centring pin ensures that the disc runs perfectly.

**SUITABLE FOR STEEL · STAINLESS STEEL**

# FIX HOOK & LOOP Zircon Disc

## Elastic



Zirconium fibre disc with outstanding results for coarse grinding and pre-polishing. Levels weld seams and removes scratches. Ideal for work on car bodies and in motor vehicle workshops.

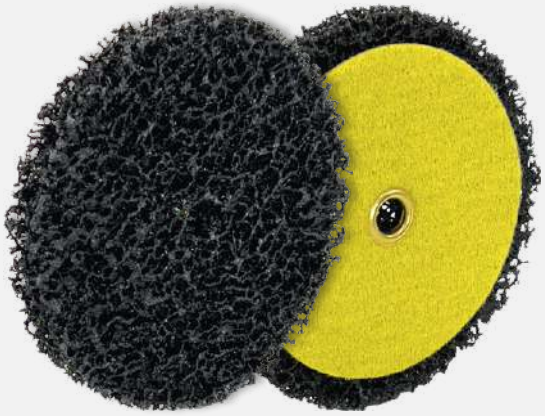
### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 115** | 5,000 – 10,000 | 10,500 | 63 m/sec | HOOK & LOOP | 50 | 40 | 80904 |
| | | | | | | 60 | 80906 |
| | | | | | | 80 | 80908 |
| | | | | | | 120 | 80909 |
| **Ø 150** | 4,000 – 8,000 | 8,000 | 63 m/sec | HOOK & LOOP | 50 | 40 | 80914 |
| | | | | | | 60 | 80916 |
| | | | | | | 80 | 80918 |
| | | | | | | 120 | 80919 |




**SUITABLE FOR ALL METALS · WOOD · BRICK**

# FIX HOOK & LOOP CLEAN Disc



Cleans and removes pore-deep paint, rust, scale, and dirt on all materials. Effect is similar to that of sand-blasting: cleans without removing material. Ideal for car bodywork, the automotive industry, shipyards, and renovation work by commercial decorators and builders.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 115** | 2,000 – 4,500 | 5,000 | 13 | HOOK & LOOP | 5 | 80901 |
| **Ø 150** | 2,000 – 4,000 | 5,000 | 13 | HOOK & LOOP | 5 | 80900 |

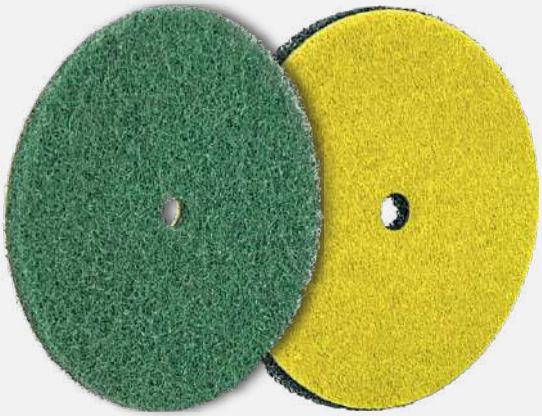


# FIX HOOK & LOOP SYSTEM

Quick change system Ø 100 – 178 mm

**SUITABLE FOR ALUMINUM · NON-FERROUS METALS**

## FIX HOOK & LOOP AluPolish Disc



Soft special fleece material for the fine grinding (pre-polishing) of aluminum and "soft" metals for a later, perfect mirror finish. Used without pastes or creams. Removes fine scratches and leaves no smears on aluminium. When grinding with this disc, we recommend using the FIX HOOK & LOOP backing pad in combination with the soft damping adapter, see page 81.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Backing | Pkg. unit | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **Ø 115** | 2,000 – 3,000 | 4,000 | HOOK & LOOP | 10 | very fine | 80680 |
| **Ø 150** | 2,000 – 3,000 | 3,000 | HOOK & LOOP | 10 | very fine | 80690 |






**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

# FIX HOOK & LOOP SC Fleece Discs



**Technical surface conditioning fleece** ideally suited to **deburring, fine grinding, and removing oxide layers.** The newly developed **1FOR2 SC fleece fabric** (green) **includes ceramic grit** that allows **weld seams and spot welds to be removed** with a fine finish and clean, soft grinding transitions. When grinding with this disc, we recommend using the FIX HOOK & LOOP backing pad in combination with the soft damping adapter, see page 81.

## Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Material | Backing | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Ø 100** | 5,000 – 8,000 | 12,000 | 63 m/sec | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 10 | 80 | brown | coarse | 80605 |
| | | | | | | | 180 | red | medium | 80606 |
| | | | | | | | 280 | blue | fine | 80607 |
| **Ø 115** | 4,000 – 7,000 | 10,500 | 63 m/sec | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 10 | 40 | green | 1FOR2 extra-coarse | 80613 |
| | | | | | | | 80 | brown | coarse | 80615 |
| | | | | | | | 180 | red | medium | 80616 |
| | | | | | | | 280 | blue | fine | 80617 |
| | | | | | | | 400 | grey | very fine | 80618 |
| **Ø 125** | 4,000 – 6,000 | 9,600 | 63 m/sec | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 10 | 40 | green | 1FOR2 extra-coarse | 80624 |
| | | | | | | | 80 | brown | coarse | 80625 |
| | | | | | | | 180 | red | medium | 80626 |
| | | | | | | | 280 | blue | fine | 80627 |
| **Ø 150** | 3,000 – 5,000 | 8,000 | 63 m/sec | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 10 | 40 | green | 1FOR2 extra-coarse | 80649 |
| | | | | | | | 80 | brown | coarse | 80650 |
| | | | | | | | 180 | red | medium | 80651 |
| | | | | | | | 280 | blue | fine | 80652 |
| | | | | | | | 400 | grey | very fine | 80653 |
| **Ø 178** | 2,000 – 4,000 | 6,700 | 63 m/sec | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 10 | 80 | brown | coarse | 80670 |
| | | | | | | | 180 | red | medium | 80671 |
| | | | | | | | 280 | blue | fine | 80672 |








# FIX HOOK & LOOP SYSTEM

Quick change system Ø 100 – 178 mm

**SUITABLE FOR STEEL · STAINLESS STEEL**

# FIX HOOK & LOOP Trizact™ Disc



New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.** Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.** When grinding with this disc, we recommend using the FIX HOOK & LOOP backing pad in combination with the soft damping adapter, see page 81.

## Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Approved for (DIN EN 13743) | Backing | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 115** | 4,000 – 6,000 | 10,500 | 63 m/sec | HOOK & LOOP | 10 | A160 | 120 | 24 | 80930 |
| | | | | | | A100 | 220 | 36 | 80931 |
| | | | | | | A65 | 280 | 40 | 80932 |
| | | | | | | A45 | 400 | 50 | 80940 |
| | | | | | | A30 | 600 | 60 | 80960 |
| | | | | | | A16 | 1200 | 80 | 80970 |
| | | | | | | A06 | 2000 | 120 | 80980 |
| **Ø 150** | 3,000 – 5,000 | 8,000 | 63 m/sec | HOOK & LOOP | 10 | A160 | 120 | 24 | 80983 |
| | | | | | | A100 | 220 | 36 | 80984 |
| | | | | | | A65 | 280 | 40 | 80985 |
| | | | | | | A45 | 400 | 50 | 80986 |
| | | | | | | A30 | 600 | 60 | 80987 |
| | | | | | | A16 | 1200 | 80 | 80988 |
| | | | | | | A06 | 2000 | 120 | 80989 |






**SUITABLE FOR ALL METALS**

# FIX HOOK & LOOP BRIGHTEX® Discs

## Berry & Sun



**Polishing material that is already impregnated with BRIGHTEX® polishing paste** removes the time-consuming hassle of applying pastes and creams to give untreated metal a **shadow-free mirror finish.**

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**
- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**
- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- With centring hole for backing pads with centring pins.
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications

| Version | Application | Dimensions (mm) | Material thickness (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **Ø 115** | 5 | 2,500 – 3,500 | 10,500 | HOOK & LOOP | 10 | 80718 |
| | | **Ø 125** | 5 | 2,000 – 3,000 | 9,600 | HOOK & LOOP | 10 | 80728 |
| | | **Ø 150** | 5 | 2,000 – 2,500 | 8,000 | HOOK & LOOP | 10 | 80753 |
| | | **Ø 178** | 5 | 2,000 | 6,700 | HOOK & LOOP | 10 | 80773 |
| Sun (yellow) | Mirror-finish polishing | **Ø 115** | 5 | 2,500 – 3,500 | 10,500 | HOOK & LOOP | 10 | 80719 |
| | | **Ø 125** | 5 | 2,000 – 3,000 | 9,600 | HOOK & LOOP | 10 | 80729 |
| | | **Ø 150** | 5 | 2,000 – 2,500 | 8,000 | HOOK & LOOP | 10 | 80754 |
| | | **Ø 178** | 5 | 2,000 | 6,700 | HOOK & LOOP | 10 | 80774 |

PROTECTION OF UTILITY MODELS · BACKING PAD · ALL METALS



# FIX HOOK & LOOP SYSTEM

Quick change system Ø 100 – 178 mm

SUITABLE FOR ALL METALS

## FIX HOOK & LOOP SuperPolish Disc



Revolutionary special fleece. Used with polishing pastes and creams for a shiny mirror finish on stainless steel and non-ferrous metals which leaves no smears or shadows.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use an extra SuperPolish disc for each paste and cream to avoid mixing different grits.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 115** | 3,000 – 6,000 | 10,500 | 5 | HOOK & LOOP | 10 | 80715n |
| **Ø 125** | 3,000 – 6,000 | 9,600 | 5 | HOOK & LOOP | 10 | 80725n |
| **Ø 150** | 2,000 – 5,000 | 8,000 | 5 | HOOK & LOOP | 10 | 80750n |
| **Ø 178** | 2,000 – 5,000 | 6,700 | 5 | HOOK & LOOP | 10 | 80770n |




SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS

## FIX HOOK & LOOP Felt Disc



First-class Merino felt for rapid mirror finish using polishing pastes and creams that leave no scratches or smears.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use an extra SuperPolish disc for each paste and cream to avoid mixing different grits.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Material | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 100** | 3,000 – 6,000 | 12,000 | 5 | Merino felt | HOOK & LOOP | 10 | 80705 |
| **Ø 115** | 3,000 – 6,000 | 10,500 | 5 | Merino felt | HOOK & LOOP | 10 | 80715 |
| **Ø 125** | 3,000 – 6,000 | 9,600 | 5 | Merino felt | HOOK & LOOP | 10 | 80725 |
| **Ø 150** | 2,000 – 5,000 | 8,000 | 5 | Merino felt | HOOK & LOOP | 10 | 80750 |
| **Ø 178** | 2,000 – 5,000 | 6,700 | 5 | Merino felt | HOOK & LOOP | 10 | 80770 |



# MULTIFUNCTIONAL GRINDING


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PINLOC SC fleece discs . . . . . 111
PINLOC BRIGHTEX® Berry & Sun polishing discs . . . . 112
PINLOC SuperPolish disc . . . . . 113
PINLOC CLEAN disc . . . . . 113






# MINI MAX® MULTIFUNCTIONAL GRINDERS

Mains powered machines

**SUITABLE FOR GRINDING TASKS IN DIFFICULT PLACES**

## MINI MAX® 1100 Multifunctional Grinder

### Two functions in a single device: Angle grinder and linear grinder!




**The mini workshop for every craftsman:** The new, revised **MINI MAX® 1100** once again promises significantly **more power reserves for continuous professional use.** In addition to the new, powerful and speed-controlled drive motor, the new universal sander shines **with significantly improved dust protection and mechanics.**
The **speed ranges have been expanded** and offer the ideal drive unit with **perfect longitudinal guidance** for clean, shadow-free surfaces for a variety of **mini shaft tools (fleece, mop, polisher and much more).** Thanks to the balanced weight distribution, you can work **completely fatigue-free** even for many hours.

Also available as a CAS cordless machine:
**MINI MAX® AKKU** (page 92)

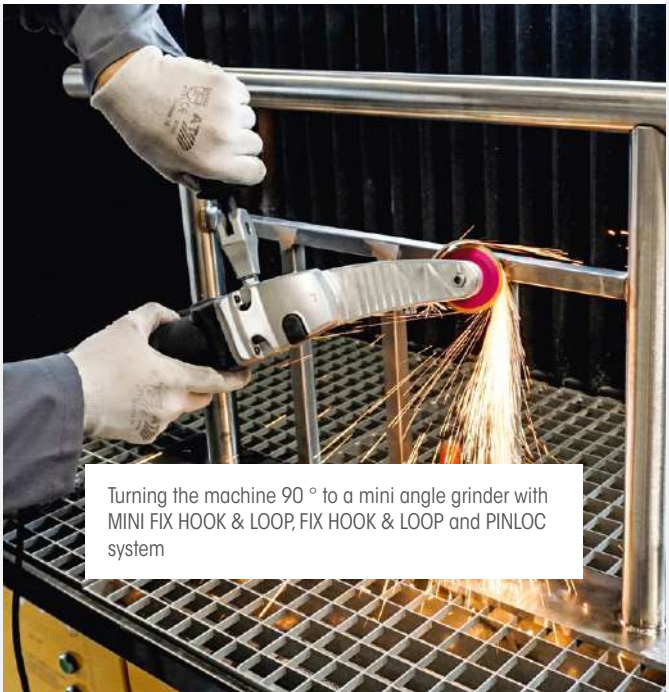
CAS CORDLESS ALLIANCE SYSTEM



### Benefits at a glance

- **Particularly versatile** and indispensable **for service, repair, assembly, motor vehicles, painting workshops** and much more.
- **For grinding tasks in difficult places** (corners, edges, inner containers, etc.), **coarse grinding, fine grinding, satin finishing, matting, polishing to a mirror finish, mini angle grinding and cut-off grinding.**
- **Ideal drive motor for flexible shafts** with a 6 mm mount.
- The working temperature of the grinding arm and the gear head is massively reduced by a new type of air duct system, making the **MINI MAX® 1100 ideal for continuous use.**
- **Made in Germany.**
- **Ideal for the Eisenblätter MINI FIX HOOK & LOOP and the Eisenblätter PINLOC system. Also suitable for other systems available on the market such as ROLOC™, FASTLOCK or similar.**
- **Extensive range of grinding tools for every grinding task on stainless steel, steel, non-ferrous metals, aluminum, wood and plastics.**
- Can be used with a **ball joint holder** to securely fix the drive motor when working with the **flexible shaft** or as a **stationary grinder.**
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for "soft", vibration-neutral grinding.

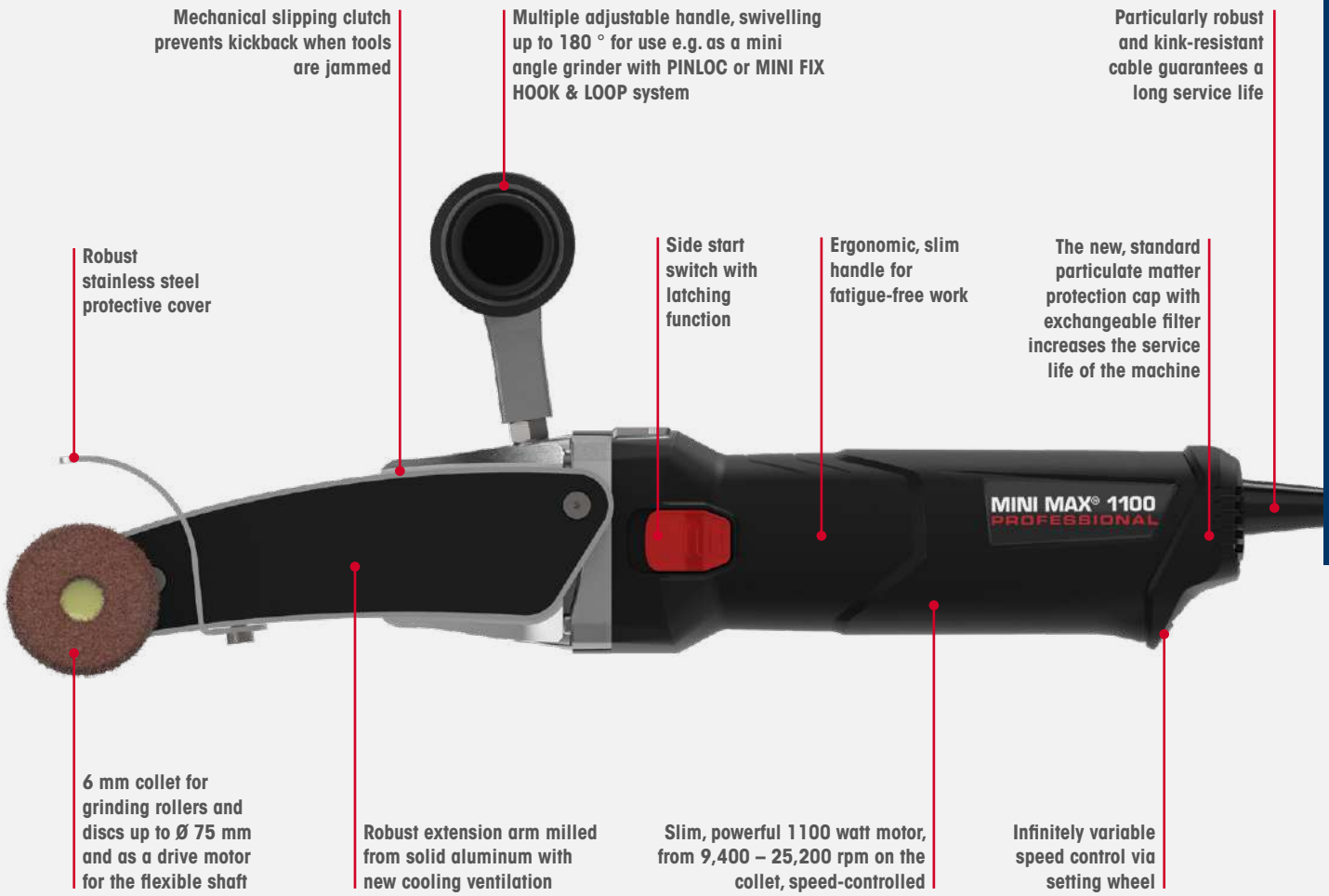




Turning the machine 90 ° to a mini angle grinder with MINI FIX HOOK & LOOP, FIX HOOK & LOOP and PINLOC system

# MINI MAX® MULTIFUNCTIONAL GRINDERS

Mains powered machines




## Technical specifications MINI MAX® 1100 multifunctional grinder

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount (mm) | Speed (rpm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,100 | Collet for Ø 6 | 9,400 – 25,200 | 2.8 | 1 | 10051 |

**Contents:**
1 MINI MAX® 1100 basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 MINI FIX HOOK & LOOP backing pad
1 MINI FIX HOOK & LOOP Cool Top® flap disc
1 Fleece wheel, 6 mm shaft

**Please note:** Practical accessory set see page 96.

**The new, standard particulate matter protection cap with exchangeable filter increases the service life of the machine!**



With a practical recess for speed control! (see page 232)

**Extensive range of tools available (from page 97):**
Sleeves, wheels, MINI FIX HOOK & LOOP system, PINLOC system and much more!



**The ideal addition to your machine: MINI MAX® PRO accessory set** (page 96)



# MINI MAX® MULTIFUNCTIONAL GRINDERS

CAS cordless machines

**SUITABLE FOR GRINDING TASKS IN DIFFICULT PLACES**

## MINI MAX® AKKU

### The mini workshop for on the go



Mini longitudinal and angle grinder and cutter in a single device! Ideal for all 6-mm shaft tools, the MINI-FIX HOOK & LOOP system, and the ROLOC™/PINLOC systems. Especially sturdy extension arm for versatile work at any point.

**Benefits at a glance**

- Indispensable for maintenance, repair, fitting work, motor vehicles, paint workshops, and much more.
- **Can also be used as a drive motor for flexible shafts** with a 6 mm shaft.
- **Also ideal for all ROLOC™ and PINLOC systems.**
- **Extensive range of grinding tools for any grinding task** on stainless steel, steel, non-ferrous metals, aluminium, wood, and plastics.
- **For grinding jobs in hard-to-reach places** (corners, edges, internal tanks, etc.), coarse grinding, fine grinding, satin finish, matt finish, polishing to a mirror finish, mini-cutting and cut-off grinding.
- Can be used with the **ball joint mount** for secure fixing of the drive motor, including for work with the **flexible shaft** or as a **stationary grinder.**
- **Powerful 18-volt special motor,** made in Germany.

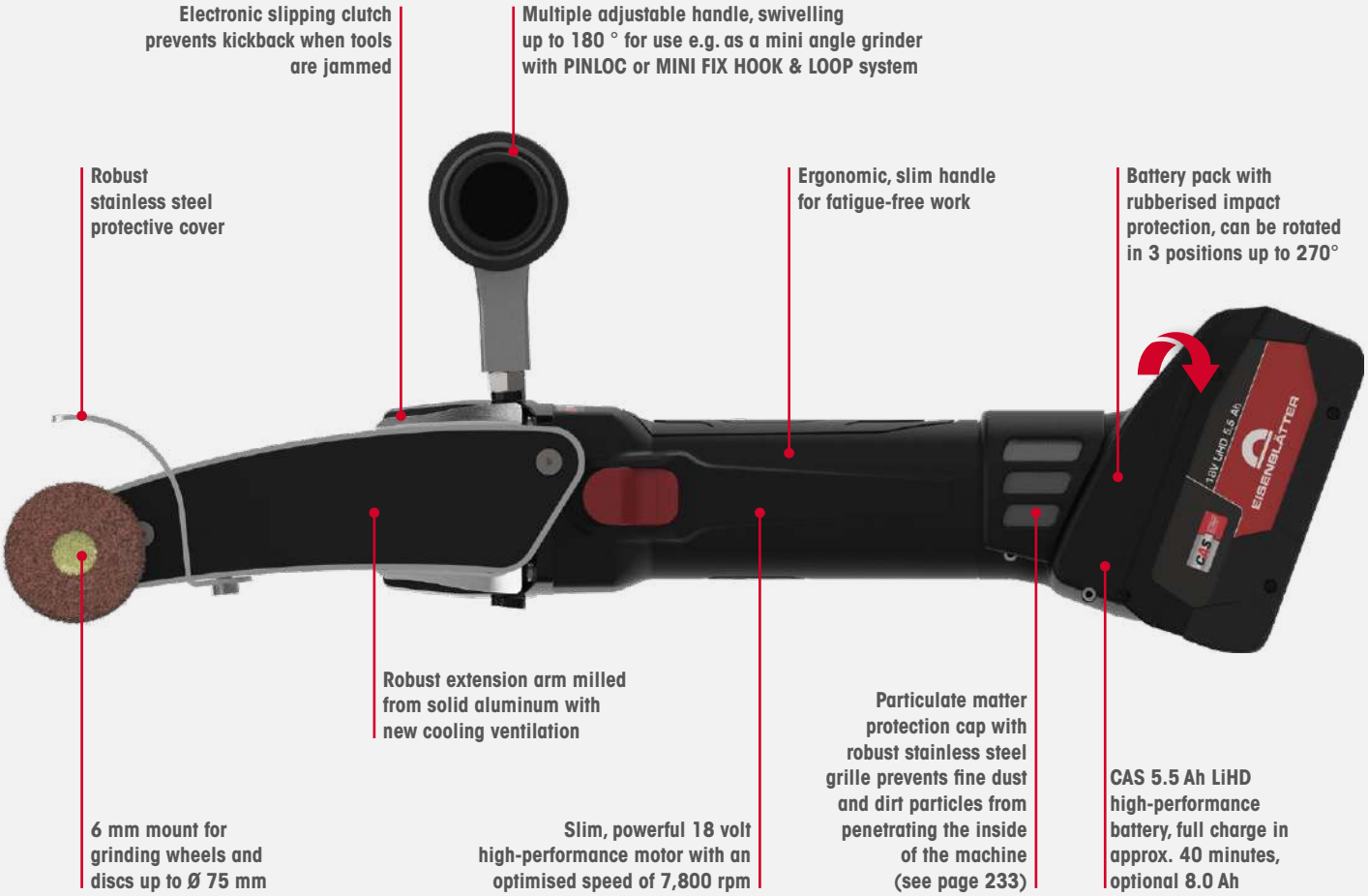






# MINI MAX® MULTIFUNCTIONAL GRINDERS

CAS cordless machines




## Technical specifications MINI MAX® AKKU basic set / basic device (without CAS batteries, charger and accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Mount (mm) | Speed (rpm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | Collet for Ø 6 | 7,800 | 2.0 | 1 | 10041 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | Collet for Ø 6 | 7,800 | 2.0 | 1 | 10042 |

**Scope of delivery MINI MAX® AKKU basic set:**

1 MINI MAX® AKKU basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
1 MINI FIX HOOK & LOOP backing pad
1 MINI FIX HOOK & LOOP Cool Top® flap disc
1 Fleece wheel, 6 mm shaft



**Please note:** Practical accessory set see page 96, batteries and chargers see page 229.

**Scope of delivery MINI MAX® AKKU basic device:**

1 MINI MAX® AKKU basic device
1 Robust, impact-resistant plastic case



**Attention:** No battery and no charger included!



The complete PINLOC quick change system can be found on page 107.



With adapter also suitable for the MINI FIX HOOK & LOOP system (see page 102).

**The ideal addition to your machine:**
**MINI MAX® PRO accessory set** (see page 96)



# MINI MAX® MULTIFUNCTIONAL GRINDERS

Flexible shafts

SUITABLE FOR MINI MAX®

## Flexible Shaft



Flexible shaft with steel core for working in narrow and particularly hard-to-reach places. All MINI MAX® grinding tools can also be used with the flexible shaft.

### Technical specifications

| Length (mm) | Collet (mm) | Mount | Maximum speed (rpm) | Can be used with (Ø mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| 1,400 | Ø 6 | 6 mm steel shaft | 25,000 | up to 75 | 1 | 10010 |

ACCESSORIES



# Eisenblätter quick change systems – easy and quick disc change

## MINI FIX HOOK & LOOP p.102
### Discs Ø 60 mm

Discs are attached to the MINI FIX HOOK & LOOP special adhesive backing plate by placing it in the middle using a centring pin and then pressing it down (click).

**MINI FIX HOOK & LOOP products at a glance:**


MINI FIX HOOK & LOOP special backing pad . . . . . 102
MINI FIX HOOK & LOOP Cool Top® flap disc . . . . . 103
MINI FIX HOOK & LOOP SC fleece discs . . . . . 104
MINI FIX HOOK & LOOP Trizact™ disc . . . . . 104
MINI FIX HOOK & LOOP BRIGHTEX® Berry & Sun discs . 105
MINI FIX HOOK & LOOP SuperPolish disc . . . . . 106
MINI FIX HOOK & LOOP felt disc. . . . . 106




## FIX HOOK & LOOP p.81
### Discs Ø 100 – 178 mm

Discs are attached to the FIX HOOK & LOOP special adhesive backing plate by placing it in the middle using a centring pin and then pressing it down (click).

**FIX HOOK & LOOP products at a glance:**


FIX HOOK & LOOP special backing pad . . . . . 81
FIX HOOK & LOOP Cool Top® flap disc . . . . . 82
FIX HOOK & LOOP zircon disc . . . . . 83
FIX HOOK & LOOP CLEAN disc . . . . . 83
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FIX HOOK & LOOP BRIGHTEX® Berry & Sun discs . . . . . 87
FIX HOOK & LOOP SuperPolish disc . . . . . 88
FIX HOOK & LOOP felt disc . . . . . 88




## PINLOC p.107
### Discs Ø 50 – 75 mm

The discs are attached to the PINLOC backing pad by simply twisting them.
All Eisenblätter PINLOC products are compatible with comparable quick-change systems with a 1/4" thread that are available on the market! The PINLOC backing pad is also available with an M14 thread for use with angle grinders.

**PINLOC products at a glance:**


PINLOC backing pad . . . . . 108
PINLOC HellFire® disc . . . . . 108
PINLOC COLDSTEEL® disc . . . . . 109
PINLOC zircon disc . . . . . 109
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**We recommend the PINLOC starter set to get to know each other, see page 107.**

# MINI MAX® MULTIFUNCTIONAL GRINDERS

Accessory sets

**SUITABLE FOR MINI MAX® 1100 · MINI MAX® AKKU**

# MINI MAX® PRO Accessory Set

43 TEILE PARTS

The practical accessory set consists of a wide selection of tools for work ranging from coarse grinding to perfect mirror finish. Everything is ready to go in a practical, sturdy carrying case.

## Technical specifications

| Application | Can be used with | Mount | Pkg. unit | Article number |
|---|---|---|---|---|
| **From coarse grinding to perfect mirror finish** | MINI MAX® 1100, MINI MAX® AKKU | 6 mm | 1 | 10032 |

**Contents:**

1 Mobile tool case
2 Flap wheels
2 Mix wheels
2 Fleece wheels
2 Mini expansion rollers
8 Zircon sleeves
3 Felt polishing tips
1 MINI FIX HOOK & LOOP backing pad
2 MINI FIX HOOK & LOOP SC fleece discs
2 MINI FIX HOOK & LOOP Cool Top® flap discs
10 MINI FIX HOOK & LOOP BRIGHTEX® polishing discs
2 BRIGHTEX® mini polishing pastes
1 BRILLIANCE CLEAN 50 ml
1 POWER CLEANER 50 ml
1 INOX PROTECT 50 ml
1 BRIGHTEX® Softclean Powder
2 BRIGHTEX® microfibre cloths



## The ideal supplement for these MINI MAX® multifunctional grinders:

NEW



**MINI MAX® 1100** p. 90

CAS CORDLESS ALLIANCE SYSTEM



**MINI MAX® AKKU** p. 92

SUITABLE FOR MINI MAX® ZIRCON SLEEVE

# MINI MAX® Expansion Roller

Expanding rubber roller for safely mounting MINI MAX® zirconium sleeves.



### Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 30 x 30** | 6 mm steel shaft | 12,000 | 1 | 10201 |
| **Ø 45 x 30** | | 12,000 | 1 | 10202 |

ACCESSORIES

SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS

# MINI MAX® Zircon Sleeve



Significantly longer service life compared to conventional A/O sleeves thanks to zirconium fabric.
Zirconium sleeves are simply attached to the expansion roller.
For general material removal and elimination of weld seams, heavy burring, deep scratches, etc.
Suitable expansion roller see page 97.

### Technical specifications

| Dimensions (mm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **Ø 30 x 30** | 12,000 | 50 | 40 | 10214 |
| | | | 60 | 10216 |
| | | | 80 | 10218 |
| **Ø 45 x 30** | 12,000 | 50 | 40 | 10224 |
| | | | 60 | 10226 |
| | | | 80 | 10228 |

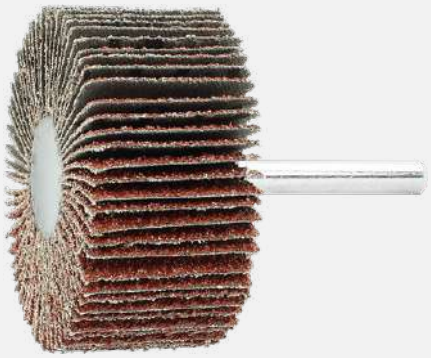
STAHL STEEL · EDELSTAHL STAINLESS · BUNTMETALLE NF METALS

# MINI MAX® GRINDING WHEELS

Grinding and blending

**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

## MINI MAX® Flap Wheel



Highly elastic flap wheel adapts to the workpiece. For cleaning, de-rusting, removing scratches, longitudinal grinding. With 6 mm steel shaft for quick tool changes.

### Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 40 x 10** | 6 mm steel shaft | 12,000 | High-quality corundum | 10 | 40 | 11040 |
| | | | | | 60 | 11060 |
| | | | | | 80 | 11080 |
| | | | | | 100 | 11100 |
| **Ø 60 x 30** | 6 mm steel shaft | 12,000 | High-quality corundum | 10 | 40 | 11041 |
| | | | | | 60 | 11061 |
| | | | | | 80 | 11081 |
| | | | | | 100 | 11101 |






**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

# MINI MAX® Mix Wheel



For removing minor scratches, oxide, and paint.
Applying linear structures. With 6 mm steel shaft for quick tool changes.

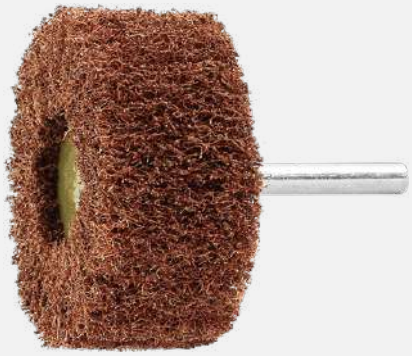
## Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 40 x 20** | 6 mm steel shaft | 17,100 | Nylon fleece in combination with abrasive cloth | 10 | 80 | 14080 |
| | | | | | 150 | 14150 |
| | | | | | 240 | 14240 |
| **Ø 60 x 30** | 6 mm steel shaft | 11,500 | Nylon fleece in combination with abrasive cloth | 10 | 80 | 14081 |
| | | | | | 150 | 14151 |
| | | | | | 240 | 14241 |




**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

# MINI MAX® Fleece Wheel



For matt finishing, fine grinding, and removing oxide. For smoothing wood fibre and hard plastic. Application of fine linear structures (finish).
With 6 mm steel shaft for quick tool changes.

## Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Material | Pkg. unit | Grit (fleece) | Grit (fleece) | Grit (approx. K) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 40 x 20** | 6 mm steel shaft | 17,100 | Flexible nylon fleece impregnated with grit | 10 | coarse | M | 80 | 13001 |
| | | | | | medium | F | 180 | 13002 |
| | | | | | fine | VF | 280 | 13003 |
| | | | | | very fine | UF | 400 | 13004 |
| **Ø 60 x 30** | 6 mm steel shaft | 11,500 | Flexible nylon fleece impregnated with grit | 10 | extra-coarse | C | 60 | 13010 |
| | | | | | coarse | M | 80 | 13011 |
| | | | | | medium | F | 180 | 13012 |
| | | | | | fine | VF | 280 | 13013 |
| | | | | | very fine | UF | 400 | 13014 |



# MINI MAX® POLISHING TIPS & CLAMPING SHAFT

**SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS · HARD PLASTICS**

## MINI MAX® Felt Polishing Tips



First-class Merino felt tips for polishing in corners, cavities, and recesses.
Ideal for use with the flexible shaft (see page 94).
Polishing pastes and cream see pages 215 and 218.

### Technical specifications

| Dimensions (mm) | Mount | Shape | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 20 x 25** | 6 mm steel shaft | round | Merino felt | 10 | 10020 |
| **Ø 30 x 35** | 6 mm steel shaft | cylindrical | Merino felt | 10 | 10021 |
| **Ø 15 x 30** | 6 mm steel shaft | conical | Merino felt | 10 | 10022 |




**SUITABLE FOR POLISHING RINGS · WIRE WHEELS**

## MINI MAX® Clamping Shaft

### With support discs and locking nut



Clamping shaft for polishing rings and 12-mm-wide wire wheels used with the MINI MAX®, flexible shaft, drills, or straight grinders.
Matching polishing rings from page 149 and wire wheels from page 151.

### Technical specifications

| Mount (mm) | Material | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| 6 mm steel shaft | Steel, blackened | 8,000 | 1 | 10017 |

SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS

# MINI MAX® Stainless Steel Wire Wheel



For deburring and cleaning weld seams, paint, rust, etc.
Ideal for use with the flexible shaft (see page 94).

## Technical specifications

| Dimensions (mm) | Mount (mm) | Wire thickness (mm) | Maximum speed (rpm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 60 x 10** | 6 mm steel shaft | 0.2 | 15,000 | Stainless steel 1.4310 | 5 | 10019 |

STAHL STEEL · EDELSTAHL STAINLESS · BUNTMETALLE NF METALS · EDELSTAHL Rostfrei

SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS

# MINI MAX® Stainless Steel Wire Brush



For cleaning weld seams, removing scale, paint, and rust in corners, etc.
Ideal for use with the flexible shaft (see page 94).

## Technical specifications

| Dimensions (mm) | Mount (mm) | Maximum speed (rpm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 10 x 100** | 6 mm steel shaft | 15,000 | Stainless steel 1.4310 | 5 | 10023 |

STAHL STEEL · EDELSTAHL STAINLESS · BUNTMETALLE NF METALS · EDELSTAHL Rostfrei

# MINI FIX HOOK & LOOP SYSTEM

Quick change system Ø 60 mm

SUITABLE FOR MINI HOOK & LOOP TOOLS

## MINI FIX HOOK & LOOP Special Backing Pad

### Quick change system Ø 60 mm



Flexible backing pad of wear-resistant polyurethane material with HOOK & LOOP fastening and centring pin to ensure that the disc runs perfectly without vibration. The ventilation slots ensure lower temperature during grinding.
**Optional:**
A flexible damping adapter with HOOK & LOOP fastening and a special damping layer. The 10-mm centring pin is visible for exact grinding disc centring.

### Technical specifications

| Item | Dimensions (mm) | Mount | Maximum speed (rpm) | Material | HOOK & LOOP material | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| Special backing pad | **Ø 60** | Ø 6 mm steel shaft | 20,000 | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 10100 |
| Special backing pad | **Ø 60** | M14 thread | 20,000 | Polyurethane plastic | Mushroom HOOK & LOOP | 1 | 10100b |
| Soft damping adapter | **Ø 60** | HOOK & LOOP | 20,000 | Foam | Harpoon HOOK & LOOP | 5 | 10105 |

## Which FIX HOOK & LOOP disc can you use with or without a soft damping adapter? Here are our recommendations:

**With these FIX HOOK & LOOP discs, use either the backing pad only or the backing pad with soft damping adapter:**







BRIGHTEX®



SuperPolish



Felt

**Only use the backing pad with these FIX HOOK & LOOP discs:**





Cool Top®

**With these FIX HOOK & LOOP discs, use the support pad in conjunction with the soft damping adapter:**





SC fleece



Trizact™

**SUITABLE FOR STEEL · STAINLESS STEEL**

# MINI FIX HOOK & LOOP Cool Top® Flap Disc

## Quick-change mini zircon flap disc (velcro)



Ultra-long service life, high material removal, uniform, clean results without material discolouration, adjusts ideally to the work-piece. On environmentally-friendly fibre backing material. Ideal for tool construction, small work-pieces and spot repairs.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Backing | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 63** | 6,000 – 10,000 | 19,000 | HOOK & LOOP | 20 | 40 | 10134 |
| | | | | | 60 | 10136 |
| | | | | | 80 | 10138 |
| | | | | | 120 | 10139 |






Use of a MINI FIX HOOK & LOOP Cool Top® flap disc

# MINI FIX HOOK & LOOP SYSTEM

Quick change system Ø 60 mm

**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

## MINI FIX HOOK & LOOP SC Fleece Discs



Technical surface conditioning fleece ideally suited for **deburring, fine grinding and removing minor scratches and oxide layers** on metals and other materials.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Backing | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 60** | 6,000 – 10,000 | 19,000 | SC nylon fleece with reinforcing fabric | HOOK & LOOP | 20 | 80 | brown | coarse | 10151 |
| | | | | | | 180 | red | medium | 10152 |
| | | | | | | 280 | blue | fine | 10153 |
| | | | | | | 400 | grey | very fine | 10154 |




**SUITABLE FOR STEEL · STAINLESS STEEL**

## MINI FIX HOOK & LOOP Trizact™ Disc



New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.**
Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.**

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Backing | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 60** | 6,000 – 10,000 | 19,000 | HOOK & LOOP | 20 | A100 | 220 | 36 | 10141 |
| | | | | | A65 | 280 | 40 | 10142 |
| | | | | | A45 | 400 | 50 | 10143 |
| | | | | | A30 | 600 | 60 | 10144 |
| | | | | | A16 | 1200 | 80 | 10145 |
| | | | | | A06 | 2000 | 120 | 10146 |



SUITABLE FOR ALL METALS

# MINI FIX HOOK & LOOP BRIGHTEX® Polishing Discs

## Berry & Sun



**Polishing material that is already impregnated with BRIGHTEX® polishing paste** removes the time-consuming hassle of applying pastes and creams to give untreated metal a **shadow-free mirror finish.**

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**
- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**
- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- With centring hole for backing pads with centring pins.
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications

| Version | Application | Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **Ø 60** | 6,000 – 8,000 | 19,000 | 5 | HOOK & LOOP | 20 | 10118 |
| Sun (yellow) | Mirror-finish polishing | **Ø 60** | 6,000 – 8,000 | 19,000 | 5 | HOOK & LOOP | 20 | 10119 |

PROTECTION OF UTILITY MODELS · BACKING PAD · ALL METALS



# MINI FIX HOOK & LOOP SYSTEM

Quick change system Ø 60 mm

**SUITABLE FOR ALL METALS**

## MINI FIX HOOK & LOOP SuperPolish Disc



Revolutionary special fleece. Used with polishing pastes and creams for a shiny mirror finish on stainless steel and non-ferrous metals which leaves no smears or shadows.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate SuperPolish disc for each paste and cream – it is important not to mix different grit sizes.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 60** | 6,000 – 8,000 | 19,000 | 5 | HOOK & LOOP | 20 | 10117n |




**SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS**

## MINI FIX HOOK & LOOP Felt Disc



First-class Merino felt for rapid mirror finish using polishing pastes and creams that leave no scratches or smears.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate SuperPolish disc for each paste and cream – it is important not to mix different grit sizes.

### Technical specifications

| Dimensions (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Material | Backing | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|
| **Ø 60** | 6,000 – 8,000 | 19,000 | 5 | Merino felt | HOOK & LOOP | 20 | 10117 |



**SUITABLE FOR COARSE GRINDING TO A MIRROR FINISH**

37 TEILE PARTS

# PINLOC Starter Set

## Disc change is easy, quick, and safe – from extra-coarse to a perfect mirror finish



In prototype construction, individual steel construction, and assembly operations, it is especially common for a wide variety of discs to be used until the desired result is achieved. The PINLOC quick change system makes it much easier for you to change your tools, since discs are attached by simply screwing them onto the PINLOC backing pad – without any other tools, such as a chuck key, whatsoever. Contains tools with three different diameters (50/60/75 mm) for work from coarse grinding (such as removing weld seams) to perfect mirror finishing on all metals.

### Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| Coarse grinding to a mirror finish | MINI MAX®, MINI MAX® 1100, MINI MAX® AKKU, straight grinders and also angle grinders with optional M14 thread backing pad | 1 | 15001 |

**Contents:**

1 PINLOC backing pads 50 mm, 6 mm shaft
1 PINLOC HellFire® disc 50 mm
4 PINLOC zircon discs 50 mm
2 PINLOC COLDSTEEL® discs 50 mm
3 PINLOC SC fleece discs 50 mm
3 PINLOC Trizact™ discs 50 mm
4 PINLOC Cool Top® flap discs 63 mm
1 PINLOC Clean disc 63 mm
1 PINLOC DecoFinish disc 60 mm
1 PINLOC SuperPolish disc 60 mm
2 PINLOC BRIGHTEX® Berry & Sun discs 60 mm
1 PINLOC backing pad 75 mm, 6 mm shaft
1 PINLOC HellFire® disc 75 mm
4 PINLOC zircon discs75 mm
2 PINLOC COLDSTEEL® discs 75 mm
3 PINLOC SC fleece discs 75 mm
3 PINLOC Trizact™ discs 75 mm



Fasten discs to the PINLOC backing pad by simply twisting them





# PINLOC SYSTEM

Quick change system Ø 50 – 75 mm

SUITABLE FOR PINLOC TOOLS

## PINLOC Backing Pads



Flexible backing pad with 1/4" thread mount for safely mounting all PINLOC products.

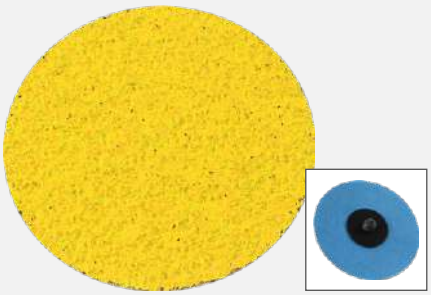
### Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Hardness | Disc thread | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 50** | Ø 6 mm steel shaft | 30,000 | medium | 1/4" | 1 | 15110 |
| **Ø 50** | M14 thread | 30,000 | medium | 1/4" | 1 | 15150 |
| **Ø 75** | Ø 6 mm steel shaft | 20,000 | medium | 1/4" | 1 | 15140 |
| **Ø 75** | M14 thread | 20,000 | medium | 1/4" | 1 | 15160 |

SUITABLE FOR ALL METALS

## PINLOC HellFire® Disc

### Ceramic hybrid: 1 disc + 1 grit for all metals



Its unparalleled, innovative ceramic hybrid technology enables it to machine any metal in record time. Material removal like 40 grit with 60 grit grinding results. Also suitable for processing aluminum.

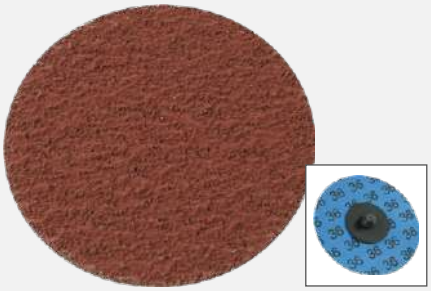
### Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 50** | 1/4" | 10,000 – 15,000 | 30,000 | 50 | Multigrain 40/60 | 15215 |
| **Ø 75** | 1/4" | 10,000 – 15,000 | 20,000 | 50 | Multigrain 40/60 | 15245 |



SUITABLE FOR STEEL · STAINLESS STEEL

# PINLOC COLDSTEEL® Disc



High-tech ceramic fibre disc with significantly more self-sharpening edges due its ultra-fine grit and crystal structure and a corresponding material removal rate that greatly exceeds that of conventional fibre discs.

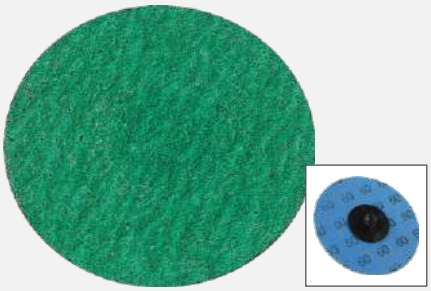
## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 50** | 1/4" | 10,000 – 15,000 | 30,000 | 50 | 36 | 15412 |
| | | | | | 60 | 15416 |
| **Ø 75** | 1/4" | 10,000 – 15,000 | 20,000 | 50 | 36 | 15442 |
| | | | | | 60 | 15446 |




SUITABLE FOR STEEL · STAINLESS STEEL

# PINLOC Zircon Disc



Zirconium fibre disc with outstanding results for coarse grinding and pre-polishing. Levels weld seams and removes scratches. Ideal for work on car bodies and in motor vehicle workshops.

## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 50** | 1/4" | 10,000 – 15,000 | 30,000 | 50 | 36 | 15312 |
| | | | | | 60 | 15316 |
| | | | | | 80 | 15318 |
| **Ø 75** | 1/4" | 8,000 – 12,000 | 20,000 | 50 | 36 | 15342 |
| | | | | | 60 | 15346 |
| | | | | | 80 | 15348 |

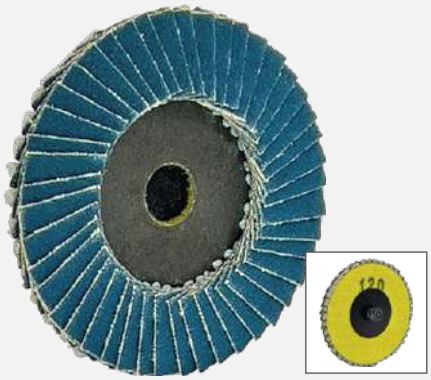


# PINLOC SYSTEM

Quick change system Ø 50 – 75 mm

**SUITABLE FOR STEEL · STAINLESS STEEL**

## PINLOC Cool Top® Flap Disc



Ultra-long service life, high material removal, uniform, clean results without material discolouration, adjusts ideally to the work-piece.
On environmentally-friendly fibre backing material. Ideal for tool construction, small work-pieces, and spot repairs.

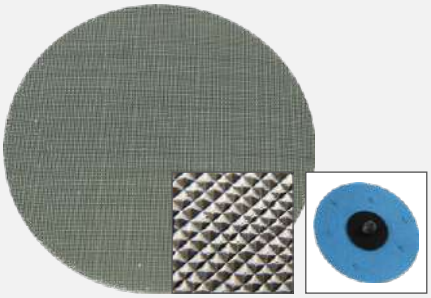
### Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 63** | 1/4" | 10,000 – 15,000 | 19,000 | 20 | 40 | 15734 |
| | | | | | 60 | 15736 |
| | | | | | 80 | 15738 |
| | | | | | 120 | 15739 |




**SUITABLE FOR STEEL · STAINLESS STEEL**

## PINLOC Trizact™ Disc



New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.** Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.**

### Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 50** | 1/4" | 10,000 – 15,000 | 30,000 | 50 | A45 | 15614 |
| | | | | | A30 | 15615 |
| | | | | | A16 | 15616 |
| **Ø 75** | 1/4" | 6,000 – 10,000 | 20,000 | 50 | A45 | 15644 |
| | | | | | A30 | 15645 |
| | | | | | A16 | 15646 |



**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

# PINLOC DecoFinish Disc



The open-pore design achieves **especially fine, decorative results on all metals,** hard plastics, and wood. Fine weld seams, spot welds, and deep scratches can be directly removed at the same time, depending on contact pressure. The MAGNUM® DecoFinish also means that rust and oxide layer are no obstacle to a perfect final finish. This new compact fleece can be used **for a variety of applications.** It is extremely tough and durable, does not clog pores, and has damping, cooling properties that allow perfect workpiece adaptation and soft grinding transitions.

## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 60** | 1/4" | 6,000 – 8,000 | 19,000 | 13 | 20 | 15820 |




**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

# PINLOC SC Fleece Discs



Technical surface conditioning fleece ideally suited for **deburring, fine grinding and removing minor scratches and oxide layers** on metals and other materials.

## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|---|---|
| **Ø 50** | 1/4" | 8,000 – 12,000 | 30,000 | 25 | 80 | brown | coarse | 15513 |
| | | | | | 180 | red | medium | 15514 |
| | | | | | 280 | blue | fine | 15515 |
| **Ø 75** | 1/4" | 6,000 – 10,000 | 20,000 | 25 | 80 | brown | coarse | 15543 |
| | | | | | 180 | red | medium | 15544 |
| | | | | | 280 | blue | fine | 15545 |



# PINLOC SYSTEM

Quick change system Ø 50 – 75 mm

SUITABLE FOR ALL METALS

## PINLOC BRIGHTEX® Polishing Discs

### Berry & Sun



**Polishing material that is already impregnated with BRIGHTEX® polishing paste** removes the time-consuming hassle of applying pastes and creams to give untreated metal a **shadow-free mirror finish.**

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**

- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**

- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

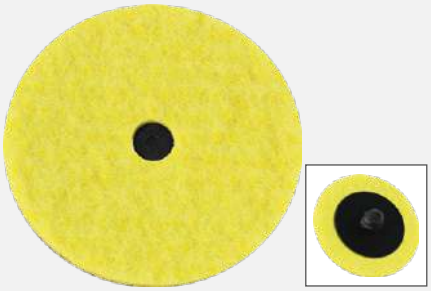
### Technical specifications

| Version | Application | Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **Ø 60** | 1/4" | 6,000 – 8,000 | 19,000 | 5 | 25 | 15921 |
| Sun (yellow) | Mirror-finish polishing | **Ø 60** | 1/4" | 6,000 – 8,000 | 19,000 | 5 | 25 | 15922 |

PROTECTION OF UTILITY MODELS · BACKING PAD · ALL METALS

SUITABLE FOR ALL METALS

# PINLOC SuperPolish Disc



Revolutionary special fleece. Used with polishing pastes and creams for a shiny mirror finish on stainless steel and non-ferrous metals which leaves no smears or shadows. Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate SuperPolish disc for each paste and cream – it is important not to mix different grit sizes.

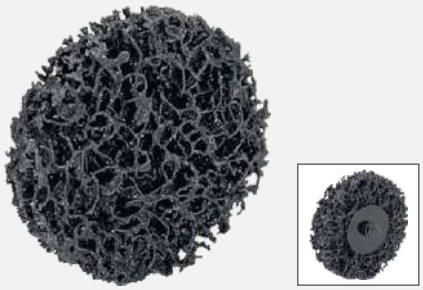
## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 60** | 1/4" | 6,000 – 8,000 | 19,000 | 5 | 25 | 15830 |




SUITABLE FOR ALL METALS

# PINLOC CLEAN Disc

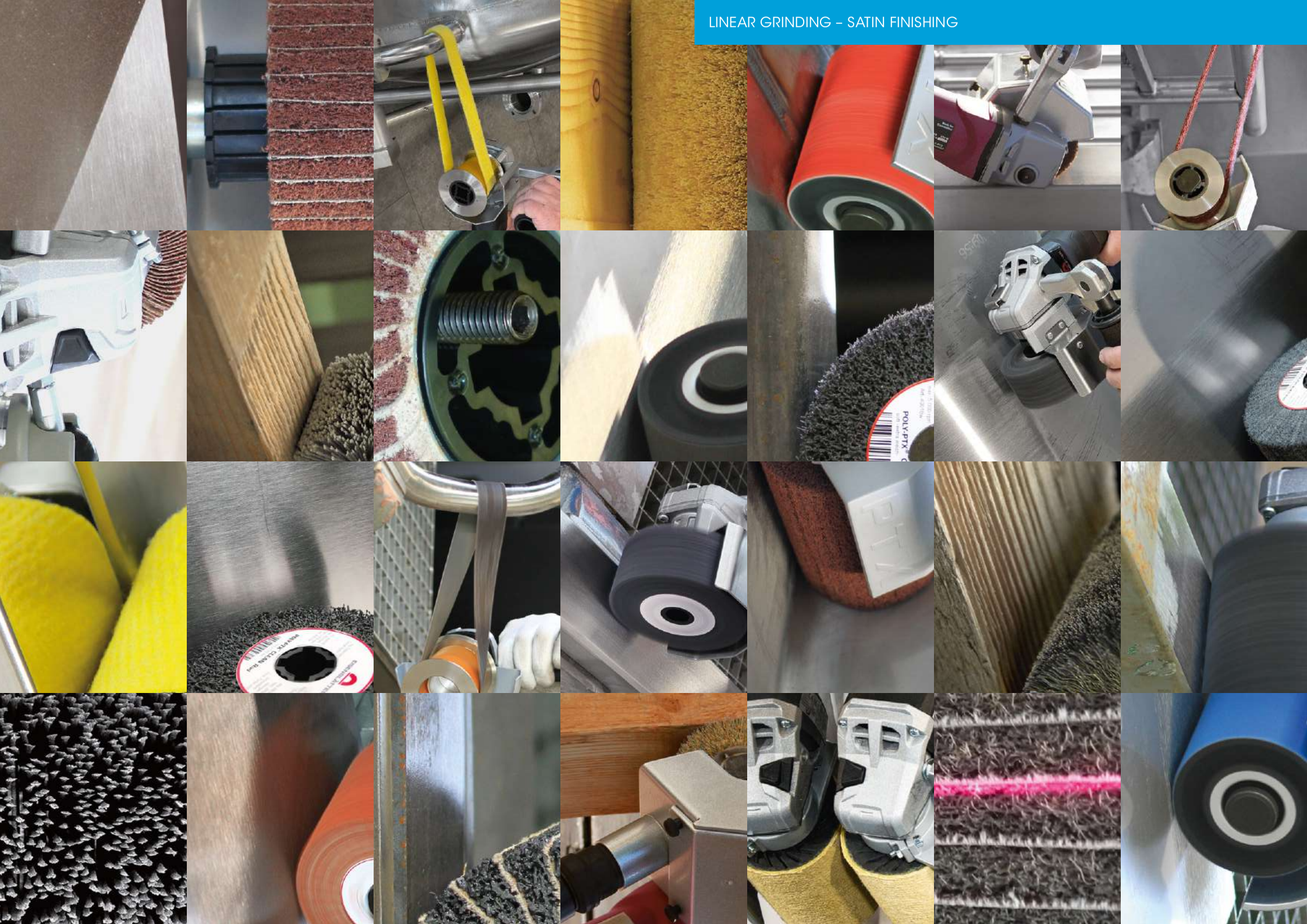


Cleans and removes pore-deep paint, rust, scale, and dirt on all materials. Effect is similar to that of sand-blasting: cleans without removing material. Ideal for car bodywork, the automotive industry, shipyards, and renovation work by commercial decorators and builders.

## Technical specifications

| Dimensions (mm) | Disc thread | Ideal speed (rpm) | Maximum speed (rpm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 63** | 1/4" | 6,000 – 8,000 | 19,000 | 13 | 20 | 15810 |





# LINEAR GRINDING – SATIN FINISHING


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# PTX COMPACT LINEAR GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## PTX COMPACT HT Linear Grinder

### The compact all-rounder for every workshop




**Linear grinding, matting, satin finishing, polishing, deburring, de-rusting, de-scaling, paint removal, round tube processing** and much more.
Thanks to a sophisticated **planetary gear** that provides incredibly **high power reserves** and torque, Eisenblätter is the first to offer a **light, compact universal grinder** that should not be missing in any workshop.

In addition to the well-known linear grinder from the POLY-PTX® series for working widths from 100 to 110 mm, Eisenblätter now offers a **compact version** of its **legendary linear grinding machines,** especially for roller widths up to 50 mm! Thanks to the **ideal speeds of 800 – 3,000 rpm,** almost all surface treatments can be carried out, even in "small format", **for long-term professional use.** The prerequisite for this versatility and usability of almost all possible grinding tools is of course the **high torque,** which is also guaranteed in the lower speed range by the special gear.

All **grinding and polishing tools** are equipped with an **M14 thread** and enable a very **quick and tool-free roll change.**
By using a **grinding belt roller,** round pipes can be completely processed just as easily, even on **closed pipe constructions.**



Sophisticated planetary gear for high power reserves and torque

### Benefits at a glance

- **3 times the power, thanks to planetary gear.**
- Ideal **speed range from 800 – 3,000 rpm.**
- **Light and handy,** for right and left handers **(handle swivels).**
- Easy **tool change in seconds.**
- Suitable for **one- and two-handed work,** thanks to its **compact design.**
- Very robust and **high-quality components for a particularly long service life.**
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for "soft", vibration-neutral grinding.
- **Made in Germany.**










## Technical specifications PTX COMPACT HT linear grinder

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount (mm) | Speed (rpm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,100 | M14 thread | 800 – 3,000 | 2.7 | 1 | 40401 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,100 | M14 thread | 800 – 3,000 | 2.7 | 1 | 40401a |

**Contents:**
1 PTX COMPACT HT basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Fleece wheel with M14 thread 105 x 50 mm

**Please note:** Practical accessory set see page 119.

**PTX COMPACT HT stainless steel grinding wheel mount** (see page 118)



For the use of 50-mm-wide grinding wheels on variable-speed power tools with M14 spindles.

**The ideal addition to your machine: PTX COMPACT HT accessory set** (see page 119)



**Tool change in no time thanks to the M14 holder and integrated M14 thread.**



SUITABLE FOR 50 MM WIDTH ROLLERS

NEW

# PTX COMPACT HT stainless steel grinding wheel mount



For the use of 50-mm-wide grinding wheels on variable-speed power tools with M14 spindles. Tightening screw included in delivery.
Suitable 50-mm-wide wheels see page 155.

## Technical specifications

| Dimensions (mm) | Mount | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 19 x 50** | M14 thread | 6,500 | 1 | 65220 |

ACCESSORIES

SUITABLE FOR PTX COMPACT HT

NEW

# PTX COMPACT HT Accessory Set

14 TEILE PARTS

The PTX COMPACT HT accessory set means that the right tools are always handy – in the workshop and on-site.
The ideal addition to your PTX COMPACT HT for metal finishing from coarse grinding to fine grinding.
Ready for most standard sheet metal working and pipe machining, including many accessory parts (machine sold separately).

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse grinding to fine grinding** | PTX COMPACT HT | 1 | 40403 |

**Contents:**

1 Mobile tool case
1 Expansion roller with M14 thread
6 Zircon sleeves
1 SC fleece sleeve
1 Grinding belt roller with M14 thread
1 High-quality corundum grinding belt
1 SC fleece belt
1 Mix wheel with M14 thread
1 Clean wheel soft with M14 thread



## The ideal supplement for these POLY-PTX® linear grinders:

NEW



**PTX COMPACT HT** p. 116

# PTX COMPACT LINEAR GRINDERS

Tools with M14 thread

SUITABLE FOR SLEEVES Ø 90 X 50 MM

## Expansion Roller with M14 Thread




For **using grinding sleeves on the speed-controlled PTX COMPACT HT** satin finishing machine. With M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|
| **Ø 90 x 50 x M14** | 5,000 | 1 | 40407 |

M14 INTEGRIERT INTEGRATED · PATENTED · FLEXIBLE · ACCESSORIES

SUITABLE FOR PTX COMPACT HT

## Grinding Belt Roller with M14 Thread

### For belts up to 30 mm wide




Deflection roller made of **wear-resistant,** soft, grooved **Vulculan plastic** for better grip and **slip-free working** with stainless steel stop disks on the side.
With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Material | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 85 x 70 x M14** | Vulculan polyurethane with stainless steel flanges | 6,500 | 1 | 40406 |

M14 INTEGRIERT INTEGRATED · ACCESSORIES · EDELSTAHL Rostfrei

SUITABLE FOR ALL METALS · WOOD

# Flap Wheel with M14 Thread

## Abrasive flap wheel for surface grinding




For **removing rust, oxide layers, paint, scratches** and for **strong structuring** and satin finishing of metals. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 50 x M14** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 24 | 40430 |
| | | | | | 40 | 40431 |
| | | | | | 60 | 40432 |
| | | | | | 80 | 40433 |

M14 INTEGRIERT INTEGRATED · ALL METALS · HOLZ WOOD

SUITABLE FOR ALL METALS · WOOD

# Mix Wheel with M14 Thread

## Fleece abrasive flaps combo wheel




Grain-filled, **high-quality nylon fleece** with versatile **high-grade corundum abrasive fabric** for even use over the entire service life. Acts more aggressively than pure fleece wheels. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

**Metal:** matting, satin finishing, removal of light scratches, rust, oxide, etc.
**Wood:** smoothing the surface, removing old paint, dirt, etc.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 50 x M14** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 40440 |
| | | | | | 80 | 40441 |
| | | | | | 180 | 40443 |

M14 INTEGRIERT INTEGRATED · ALL METALS · HOLZ WOOD

# PTX COMPACT LINEAR GRINDERS

Tools with M14 thread

SUITABLE FOR ALL METALS · WOOD

## Fleece Wheel with M14 Thread




### Compact high-tech fleece roller made of compressed nylon grain fleece for industrial sanding

**Very high quality fleece fabric** for a particularly **long service life.** Creates a **shadow-free industrial finish** (matting, satin finishing). Also for pre-polishing, **removing oxide layers** as well as **aligning "pre-ground" sheets** and smoothing surfaces.
With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 50 x M14** | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 60 | 40450 |
| | | | | | 80 | 40451 |
| | | | | | 180 | 40452 |
| | | | | | 280 | 40453 |




SUITABLE FOR ALL METALS · HARD PLASTICS

## Felt Wheel with M14 Thread




For **pre-polishing and high-gloss polishing** of small to medium-sized flat surfaces on non-ferrous metals up to stainless steel. **First-class merino felt wheel** made of continuous **solid felt material** with vibration-damping cross-groove sleeve and M14 thread insert for 100% concentricity. Can be used with stronger contact pressure.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Do not use different pastes or creams on the same felt wheel.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 50 x M14** | 1,000 – 3,000 | 5,000 | Merino felt | 4 | 40470 |



SUITABLE FOR ALL METALS · WOOD

# Clean Wheel with M14 Thread




## Extra resistant nylon fleece cleaning roller

**Cleaning and pore-deep removal of paint, rust, scale and dirt from all materials.** Works like sandblasting, **cleans without removing material.** Ideal in the body shop, the automotive industry, in shipyards and for renovation work in the painting and building trade. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 115 x 50 x M14** | 1,000 – 2,000 | 5,000 | 2 | 40480 |

M14 INTEGRIERT INTEGRATED · ALL METALS · HOLZ WOOD

SUITABLE FOR ALL METALS · WOOD

# Clean Wheel Soft with M14 Thread




## Extra soft nylon fleece cleaning roller

**Cleaning and pore-deep removal of paint, rust, scale and dirt from all materials.** Works like sandblasting, **cleans without removing material.** Ideal in body construction, the automotive industry, in shipyards and for renovation work in
Painting and building trade. Can also be used for coarse satin finishing (K 60).
**Tip:** Ideal for the targeted removal of scratches from already satined surfaces without reworking.
With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.

### Technical specifications

| Dimensions (diameter x width in mm x mount) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 115 x 50 x M14** | 1,000 – 2,000 | 5,000 | 2 | 40481 |

M14 INTEGRIERT INTEGRATED · FLEXIBLE · ALL METALS · HOLZ WOOD

# POLY-PTX® LINEAR GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## POLY-PTX® 802 HT

### The new staying power



**From the inventor of the hand-held linear grinding machine:**
**The further development of the well-known POLY-PTX® series.**

The linear grinder **POLY-PTX® 802 HT** (High Torque) offers an **unprecedented torque** and **performance profile.** Thanks to a **newly developed planetary gear,** the traction is distributed over **3 additional gears,** which **enormously increases** the **torque** and **wear resistance** of the spindle.

This makes this **professional device** a **long-distance runner.** The **ergonomic shaft handle** with **rubberised grip inserts** has also been **further optimised** and now offers a **balanced longitudinal guide** for an **improved surface appearance** when **grinding** and **satinising.**

The **grinding roller protective cover** has also been **significantly improved.** It is now made of **precise die-cast aluminum** and can now be easily upgraded with an **optional suction cover** with **suction nozzle.** The **suction hose guide** is now, **new, directed lengthwise** over the machine so that the suction hose can no longer impede the **grinding handling.**

An additional **pull-out polycarbonate protective cover** protects the eyes from flying particles when using **extra-wide grinding wheels up to 150 mm wide** (from our **Eco Smart** sanding roller system).

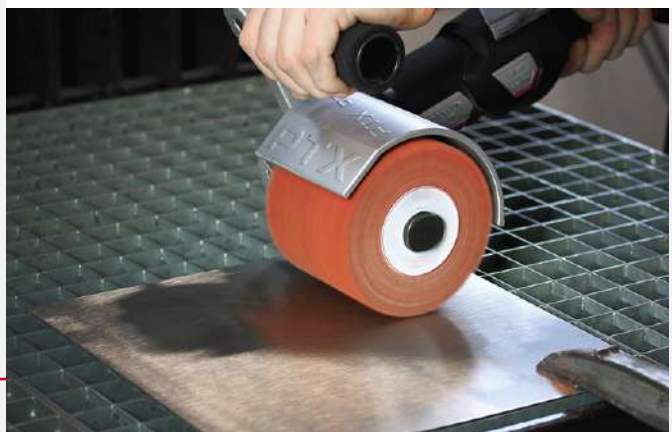
HT HighTorque



Sophisticated planetary gear for high power reserves and torque

#### Benefits at a glance

- **Shadow-free satin finishing, brushing, polishing of all metals (stainless steel to non-ferrous metals) to wood.**
- Removes welds, deep scratches, rust, dirt, paint and oxide layers.
- **Extremely powerful and durable motor with 1,750 watts – made in Germany.**
- New, particularly ergonomic handle for optimum guidance of the grinding wheels.
- **Maximum torque plus value retention thanks to the sophisticated planetary gear** for maximum power transmission and torque (high torque) over the entire speed range, from 820 to 3,000 rpm – with tacho-generator for constant speeds even under load.
- 19 mm **stainless steel drive shaft with double splines** over the entire spindle length for sanding rollers up to 115 mm in diameter and 100 mm (milled out wheels up to 110 mm) working width – with Eco Smart Adapter up to 150 mm working width.
- **Large range of tools** for decorative surface processing.
- The finest grinding is also possible on larger surfaces thanks to the oscillating grinding movement.
- Can also be used as a **pipe belt sander, even on closed tube constructions, with the optional sanding belt roller.**








## Technical specifications POLY-PTX® 802 HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount (mm) | Working width (mm) | Speed (rpm) | Torque (Nm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | 19 mm double keyway | max. 100 (with Eco Smart 150) | 820 – 3,000 | approx. 17 | 2.8 | 1 | 40201 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,750 | 19 mm double keyway | max. 100 (with Eco Smart 150) | 820 – 3,000 | approx. 17 | 2.8 | 1 | 40201a |

**Contents:**
1 POLY-PTX® 802 HT basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 POLY-PTX® tightening screw
1 Fleece wheel
1 Expansion roller
1 Zircon sleeve
1 SC fleece sleeve

**Please note:** Practical accessory sets from page 132.



**Optional:**
Suction cover with optimized hose routing (see page 130)



**The ideal addition to your machine:**
**POLY-PTX® accessory sets** (from page 132)





**Optional:** Ball joint holder (see page 231) for stationary attachment to work tables etc.

# POLY-PTX® LINEAR GRINDERS

Mains powered machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## POLY-PTX® 800

### From the inventor of the linear grinder

Our variable-speed, multi-purpose linear grinder with 1,750 watts of power output and an ergonomic design is extremely versatile – even for working widths of up to 150 mm.
High torque and power reserves guarantee professional continuous operation and improved economy.



### Benefits at a glance

- Grinding, **from coarse to fine.**
- **Balanced, straight-line control** without support rollers. This allows free adjustment (oscillation effect). Ensures highly decorative surfaces in satin and matt finish and industrial grinding without shadows or transitions.
- **Produces a satin finish, polishes to a mirror finish,** and improves surface finish on stainless steel, steel, and non-ferrous metals – brass, bronze, copper, aluminium, etc. – and wood.
- **Very fine grinding on large surface areas – with no shadows or streaks.**
- Removes weld seams, deep scratches, rust, dirt, paint, and oxide layers.
- **Just three steps from coarse grinding to a mirror finish** on stainless steel and non-ferrous metals.
- **The grinding belt roller allows ideal use as a pipe grinder.**
- Grinds and polishes **open and closed pipe constructions.**
- A **"T-lock system" for pipe machining** ensures safe, fast connection of fleece and felt belts to closed pipe constructions. No more hassle having to glue the belts.
- **Huge range of grinding tools** to cover almost any conceivable job.
- With a **rubberised handle for excellent control!**












## Technical specifications POLY-PTX® 800 basic device

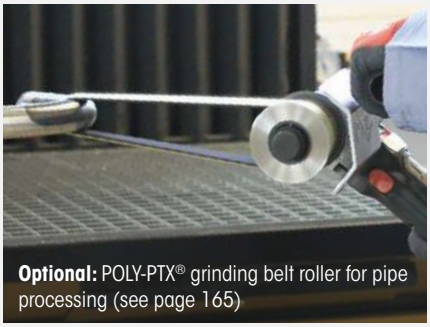
| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Mount | Working width (mm) | Speed (rpm) | Torque (Nm) | Roller diameter (mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | QUICK-LOCK | 220 – 240 ~ 50 – 60 | 1,750 | 19 mm (double keyway) | max. 100 (with Eco Smart 150) | 1,000 – 3,800 | approx. 10 | max. 115 | 3.3 | 1 | 40002 |

**Scope of delivery:**

1 POLY-PTX® 800 basic device
1 Robust, impact-resistant plastic case
1 QUICK-LOCK cable 4 m
1 POLY-PTX® tightening screw
1 Eco Smart Adapter
1 Fleece wheel 105 x 100 x 19 mm

**The ideal addition to your machine:**
**POLY-PTX® accessory sets** (from page 132)





**Optional:** POLY-PTX® grinding belt roller for pipe processing (see page 165)



The fine dust protection clip with exchangeable filter prevents fine dust and dirt particles from penetrating the interior of the machine (see page 234).

# POLY-PTX® LINEAR GRINDERS

CAS cordless machines

**SUITABLE FOR ROUGH GRINDING TO POLISHING**

## POLY-PTX® AKKU HT

### High pulling power



The **innovative** longitudinal grinding machine **POLY-PTX® AKKU HT** (High Torque) represents a **novelty** in the field of **battery-operated, hand-held grinding devices.** For the first time, a **sophisticated planetary gear** was developed for the **linear grinding application,** which has an unprecedented **torque** in order to be able to operate **all accessories** such as **grinding rollers, brushes, expansion rollers and much more** – almost like a corded, electrically powered longitudinal grinder. This **enormous pulling power** with the **smallest size** and **weight** opens up completely **new possibilities** for craftsmen **on the construction site and in industrial companies,** who **pay particular attention to cable-free work zones.** All known work processes can now also be performed wirelessly. The device offers a fixed **speed of 1,600 rpm.** This is **ideal for most tools** such as **fleece, mix** and **flap wheels, expansion rollers with sleeves, brushes** and **many more.** Incidentally, also **for pipe processing using an** optional **grinding belt roller.** The **full range of accessories** for **conventional linear grinders** such as POLY-PTX® 802 HT can now be used with the revolutionary POLY-PTX® AKKU HT. Thanks to the use of **replaceable batteries, the device can also be used over a long period of time** without any problems. Thanks to the **LED charge level** indicator on the **batteries,** you always have an **overview of the running time.** The drive shaft is made of **corrosion-free stainless steel** with the **well-known double splines,** suitable for **all Eisenblätter tools.**



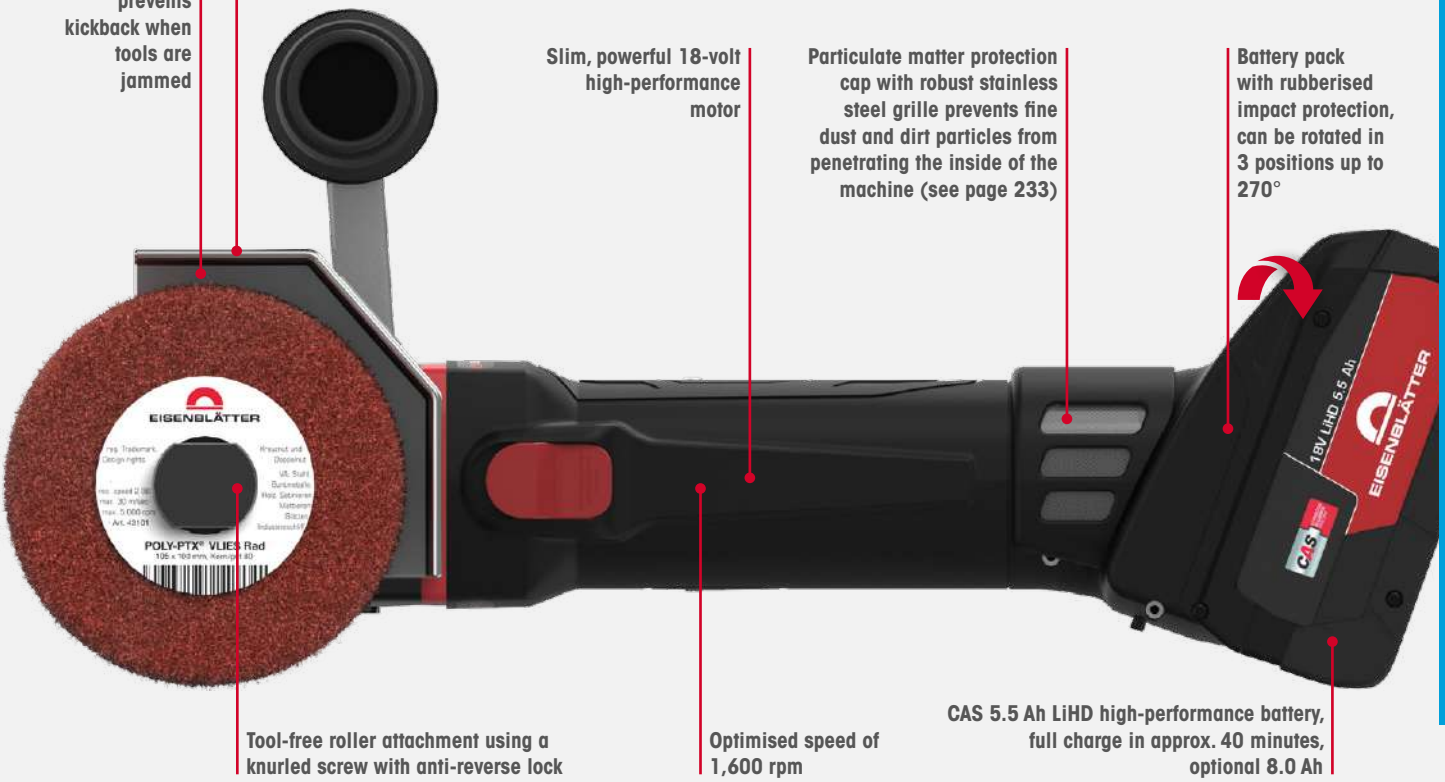
Sophisticated planetary gear for high power reserves and torque

### Benefits at a glance

- **Shadow-free satin finishing, brushing, polishing of all metals (stainless steel to non-ferrous metals) to wood.**
- **18-volt professional linear grinding machine.**
- Removes **weld seams, deep scratches, rust, dirt, paint,** and **oxide layers.**
- **Balanced, straight-line control** without support rollers. This allows the tool to be freely adjusted (oscillation effect), ensuring highly **decorative surfaces in satin and matt finish and industrial grinding without shadows or transitions.**
- **Available for the first time with planetary gear,** giving it the power of a plug-in machine of ~1,600 watts.
- **Robust cast aluminium protective cover** and vibration-damping, multi-adjustable handle.
- All **LiHD batteries** have LED charge indicators.
- **Top-performance 5.5 Ah,** optional **8.0 Ah batteries, rotatable to three positions by up to 270°** for convenient handling.
- **New CAS (Cordless Alliance System) battery interface: compatible with a number of drive units and machines** available **on the market.** Dual utility and savings potential of your battery pack included – see page 8.
- **The grinding belt roller allows ideal use as a pipe grinder.**
- A **"T-lock system" for pipe machining** ensures safe, fast connection of fleece and felt belts to closed pipe constructions. No more hassle having to glue the belts.








## Technical specifications POLY-PTX® AKKU HT basic set / basic device (without CAS batteries, charger and accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Mount | Working width (mm) | Speed (rpm) | Torque (Nm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 19 mm double keyway | max. 100 | 1,600 | approx. 8 | 3.0 | 1 | 40301 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 19 mm double keyway | max. 100 | 1,600 | approx. 8 | 3.0 | 1 | 40302 |

**Scope of delivery**
**POLY-PTX® AKKU HT basic set:**

1 POLY-PTX® AKKU HT basic device 18 Volt
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
1 Cast aluminium protective cover for wheels of up to Ø 115 mm
1 POLY-PTX® tightening screw
1 Set spacer rings
1 Fleece wheel
1 Expansion roller
1 Zircon sleeve
1 SC fleece sleeve
1 POLY-PTX® grinding belt roller
1 SC fleece belt
1 POLY-PTX® Eco Smart Adapter



**Please note:** Practical accessory sets see page 132, batteries and chargers see page 229.

**Scope of delivery**
**POLY-PTX® AKKU HT basic device:**

1 POLY-PTX® AKKU HT basic device 18 Volt
1 Robust, impact-resistant plastic case



**Attention:** No battery and no charger included!




SUITABLE FOR POLY-PTX® 802 HT

# POLY-PTX® 802 HT Suction Cover

## for operations that generate lots of dust





Aluminium suction cover encloses the POLY-PTX® 802 HT protective cover laterally. For connecting to any commonly available industrial extractor. The new special hose guide allows work-pieces to be machined all the way to the corners. Ideal for jobs that generate a great deal of dust (such as machining aluminium or wood). Usable with rollers up to 100 mm wide, delivery includes fixing bolts for mounting on an existing POLY-PTX® 802 HT protective cover.

### Technical specifications

| Usable for roller widths up to (mm) | Can be used with | Connection dimensions Exterior connection (mm) | Connection dimensions Interior connection (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| 100 | POLY-PTX® 802 HT | 40 | 35 | 1 | 40205 |

ACCESSORIES

SUITABLE FOR POLY-PTX® 800

# POLY-PTX® 800 Aluminum Suction Cover





The aluminium suction cover encloses the POLY-PTX® 800 protective cover laterally.
For connecting to any commonly available industrial extractor. The new parallel hose guide allows work-pieces to be machined all the way to the corners.
Ideal for jobs that generate a great deal of dust (such as machining aluminium or wood).
Delivery includes fixing bolts for mounting on an existing POLY-PTX® 800 protective cover.

### Technical specifications

| Connection dimensions Exterior connection (mm) | Connection dimensions Interior connection (mm) | Can be used with | Usable for roller widths up to (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| 40 | 35 | POLY-PTX® 800 | 100 | 1 | 40005 |

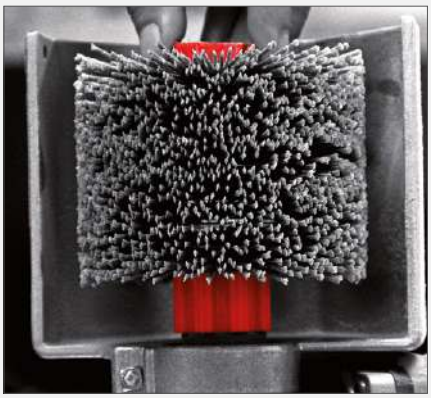
ACCESSORIES

**SUITABLE FOR 19 MM DOUBLE SPLINE SHAFTS**

# Set Plastic Spacer Rings



For width adjustment on 19-mm double spline shafts for brushes, rollers, polishing rings, etc.



## Technical specifications

| Material | Pkg. unit | Article number |
|---|---|---|
| Hard plastic | 1 | 40007 |

**Contents:**
2 pcs, 20 mm wide
1 pc, 10 mm wide
1 pc, 50 mm wide

ACCESSORIES



**SUITABLE FOR POLY-PTX® 802 HT · POLY-PTX® AKKU HT · POLY-PTX® 800**

# POLY-PTX® Metal Accessory Set

23 TEILE PARTS

The POLY-PTX® metal accessory set means that the right tools are always handy – in the workshop and on-site.
The ideal addition to the set for metal finishing from coarse grinding to fine grinding. Ready for most standard sheet metal working and pipe machining, including many accessory parts (machine sold separately).

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse grinding to satin finish** | POLY-PTX® 802 HT, POLY-PTX® AKKU HT, POLY-PTX® 800 | 1 | 40202 |

**Contents:**

- 1 Mobile tool case
- 6 Zircon sleeves
- 2 SC fleece sleeves
- 1 Flap wheel
- 1 Mix wheel
- 1 POLY-PTX® grinding belt roller
- 4 High-quality corundum belts
- 1 POLY-PTX® special adhesive tape
- 1 SC fleece belt
- 1 Set spacer rings
- 1 BRIGHTEX® microfibre cloth
- 1 BRILLIANCE CLEAN 50 ml
- 1 POWER CLEANER 50 ml
- 1 INOX PROTECT 50 ml



## The ideal supplement for these POLY-PTX® linear grinders:



**POLY-PTX® 802 HT** p. 124



**POLY-PTX® AKKU HT** p 128



**POLY-PTX® 800** p. 126

**SUITABLE FOR POLY-PTX® 802 HT · POLY-PTX® AKKU HT · POLY-PTX® 800**

# POLY-PTX® Professional Complete Accessory Set

37 TEILE PARTS

The POLY-PTX® 802 HT professional accessory set means that the right tools are always handy – in the workshop and on-site. This high-quality professional set in a lockable, stable, impact-resistant carrying case ensures that you have everything for shadow-free industrial grinding for perfect mirror finishes on metals (surfaces and pipes), and the newly developed cleaning and preserving agents for optimal surface protection against spots and fingerprints, ready to hand (machine sold separately).

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse grinding to a mirror finish** | POLY-PTX® 802 HT, POLY-PTX® AKKU HT, POLY-PTX® 800 | 1 | 40203 |

**Contents:**

- 1 Professional tool case (survival)
- 1 Set spacer rings
- 4 Zircon sleeves
- 1 SC fleece sleeve
- 4 Trizact™ sleeves
- 2 BRIGHTEX® Berry sleeves
- 2 BRIGHTEX® Sun sleeves
- 1 Flap wheel
- 1 POLY-PTX® grinding belt roller
- 2 High-quality corundum belts
- 2 SC fleece belts
- 4 Trizact™ belts
- 2 BRIGHTEX® Berry belts
- 2 BRIGHTEX® Sun belts
- 1 BRIGHTEX® Berry mini polishing paste
- 1 BRIGHTEX® Sun mini polishing paste
- 1 BRIGHTEX® Softclean Powder
- 2 BRIGHTEX® microfibre cloths
- 1 POWER CLEANER 50 ml
- 1 BRILLIANCE CLEAN 500 ml
- 1 INOX PROTECT 500 ml



## The ideal supplement for these POLY-PTX® linear grinders:



**POLY-PTX® 802 HT** p. 124




**POLY-PTX® AKKU HT** p 128



**POLY-PTX® 800** p. 126

**SUITABLE FOR POLY-PTX® 802 HT**

# POLY-PTX® 802 HT Wood Accessory Set

10 TEILE PARTS

The POLY-PTX® 802 HT wood accessory set means that the right tools are always handy – in the workshop and on-site. This set includes an additional Eco Smart adapter and contains everything you need for a brushed and rustic effect on wood surfaces and for polishing wax stains (machine sold separately).

## Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Rustic effects, wax stain polishing** | POLY-PTX® 802 HT | 1 | 40204 |

**Contents:**

1 Mobile tool case
1 Suction cover
1 Set spacer rings
1 Mix wheel Ø 115 x 100 mm
1 Bristle wheel Ø 100 x 70 mm
1 Bristle wheel Ø 100 x 25 mm
1 Bristle wheel Ø 100 x 12 mm
1 Wire wheel Ø 100 x 70 mm
1 Wire wheel Ø 100 x 25 mm
1 Fibre wheel Ø 100 x 100 mm




## The ideal supplement for these POLY-PTX® linear grinders:



**POLY-PTX® 802 HT** p. 124

# Only from Eisenblätter: the balancing process for longitudinal grinding rollers

The quality of the surface finish depends crucially on the concentricity of the grinding rollers. Due to production and raw materials, there is often an imbalance in individual grinding rollers, which results in imbalance and vibrations. This is transferred to the work-piece – chatter marks and shading and thus an unclean micrograph are the result.

**The belancing process**
Eisenblätter wheels are balanced by a specially designed machine, similar to car tires. An imbalance is balanced with the help of a counterweight.

**The result:**
The roller runs smoothly. This ensures high quality grinding and satin finishing. Surfaces can be processed perfectly. There is no need for time-consuming and costly reworking, as with surface finishing with unbalanced grinding rollers.

**Eisenblätter offers this benefit exclusively for a large number of products worldwide.**



BALANCED

**Balanced products are all marked with the "BALANCED" symbol.**

© DESIGN COPYRIGHT

**Design-protected inner geometry effectively reduces vibrations.**



# Differences in quality that count: Eisenblätter grinding wheels

Very high quality in nylon fleece and grit distribution

Strongly compressed, high number of lamellas enables extreme durability – thus significantly less fleece loss on sharp edges

High concentricity due to balancing weight and additional turning of the outer contour – see page 135

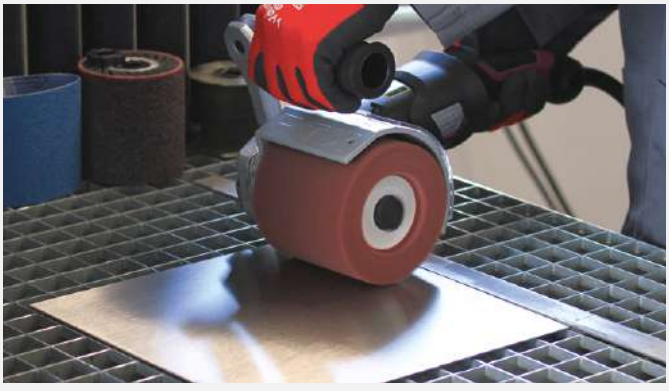
BALANCED

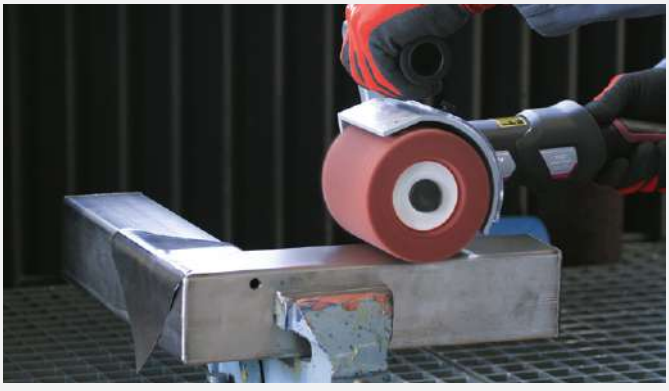



DESIGN COPYRIGHT

Design protected, resource-saving cross groove / hollow chamber sleeve, vibration-damping (also available with internal thread M14)

Some of our grinding wheels are also available with a fleece overhang: e.g. fleece overhang with a diameter of 115 mm, grain size 60 + 80, the usable working width increases to 110 mm, which means that satin finishing in the "corner and edge area" is possible without any problems – the clamping nut is in the recessed area





**SUITABLE FOR ALL METALS · WOOD**

# CERAMIC MIX Wheel

## Remove scratches with a very attractive sheen effect

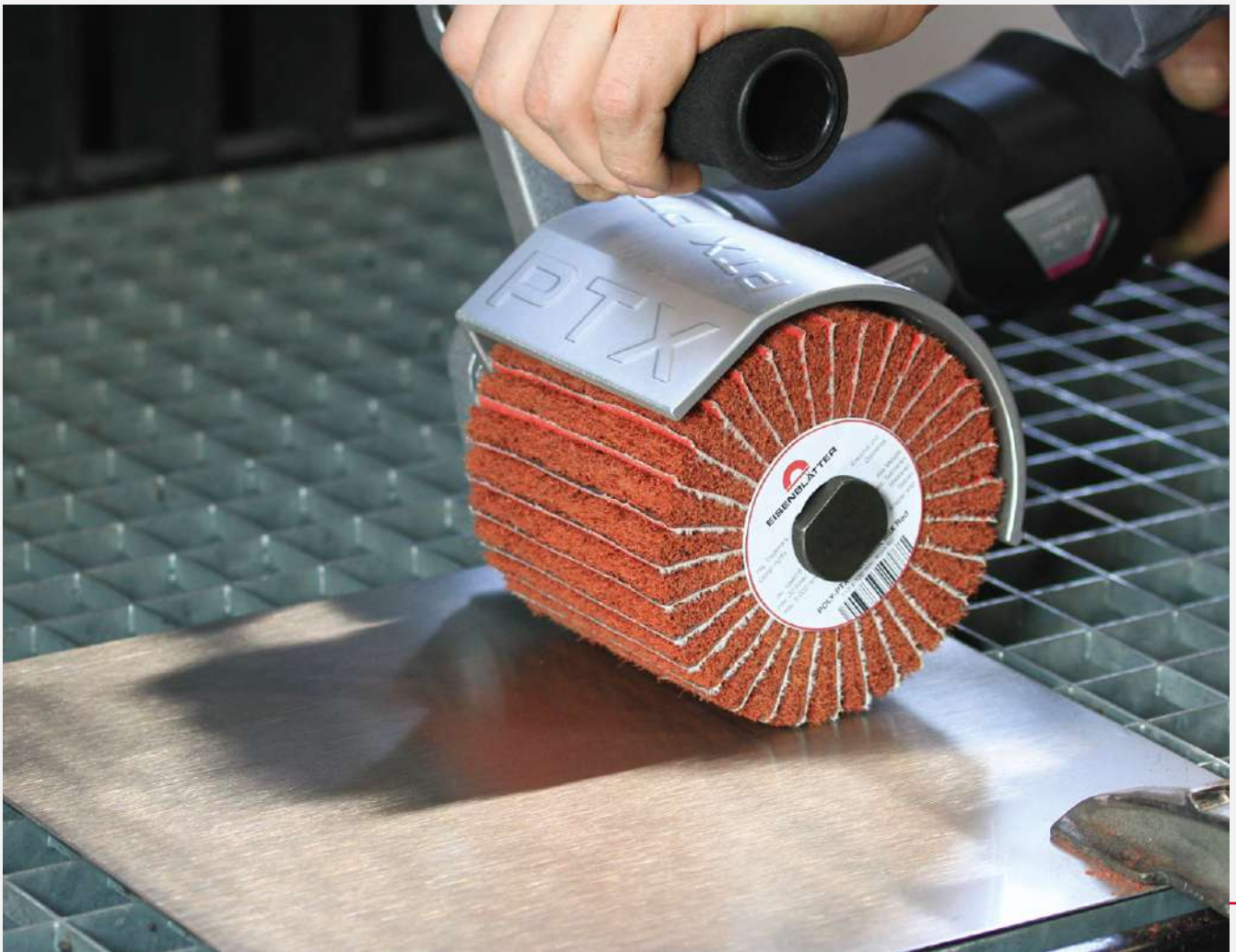


This **newly developed grinding wheel** creates **a particularly attractive surface finish on stainless steel** using an **innovative ceramic recipe** and our further developed fleece fabric with a 60 grit. The coordinated wear behaviour between **fleece** and **ceramic fabric** is of crucial importance here in order to achieve an **even grinding pattern** over the entire service life of the grinding wheel.
The **CERAMIC MIX wheel** meets all these requirements and creates a previously unattainable, **shiny longitudinal structure,** which achieves **special effects** on visible surfaces in particular. **The result** is **a light** and slightly **glittering shine, completely free of shadows.** Minor damage to the sheet metal and **scratches are** also **eliminated** at the same time. With **vibration-damped sleeve** for 1-way, 2-way and 4-way splined shaft, **thus 100% concentricity, additionally balanced.**

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | Ceramic cloth | 4 | 60 | 44561 |



**SUITABLE FOR STEEL · STAINLESS STEEL · WOOD**

# Mix Wheel

## Fleece abrasive flap combination wheel



**High-quality** grit-impregnated nylon fleece with versatile **high-quality corundum abrasive cloth** for uniform wear over its entire service life. It is more abrasive than pure fleece wheels. With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

**Metal:** Matt finishing, satin finishing, removing minor scratches, oxide, and paint, etc.
**Wood:** Smoothing surfaces and removing old paint, dirt, etc.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 44061 |
| | | | | | 80 | 44101 |
| | | | | | 120 | 44121 |
| | | | | | 180 | 44181 |
| **Ø 115 x 50 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 44060 |
| | | | | | 80 | 44100 |
| | | | | | 120 | 44120 |
| | | | | | 180 | 44180 |
| **Ø 105 x 100 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 44061a |
| | | | | | 80 | 44101a |
| | | | | | 120 | 44121a |
| | | | | | 180 | 44181a |
| **Ø 105 x 50 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 44060a |
| | | | | | 80 | 44100a |
| | | | | | 120 | 44120a |
| | | | | | 180 | 44180a |



**SUITABLE FOR ALL METALS**

# CERAMIC FLAP Wheel

## Powerful material removal with a decorative sheen effect

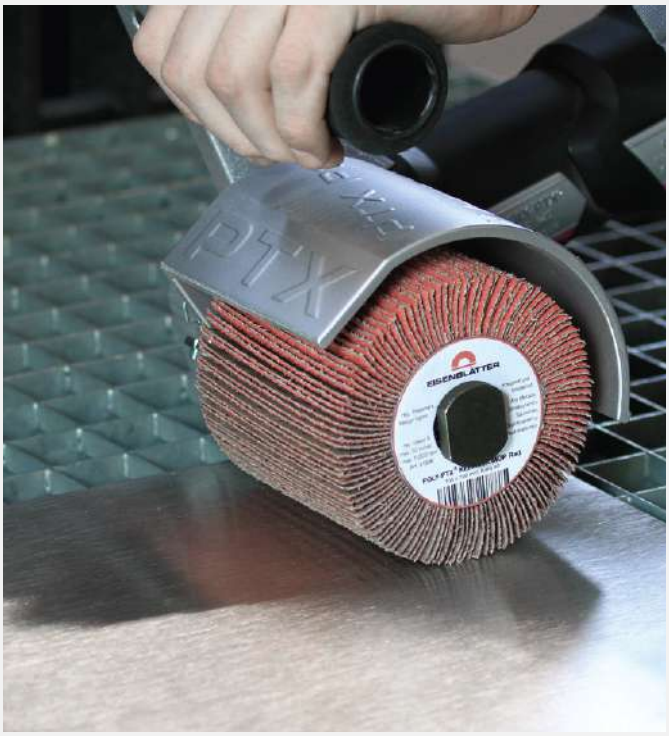



A newly developed ceramic abrasive flap wheel of ceramic grit ensures a previously unachieved glossy look, **especially on stainless steel.** The powerful, **high-gloss linear structures** allow completely new **decorative effects!** Especially attractive for small visible surfaces. The ceramic grit has a significantly more aggressive impact and **easily removes scratches of medium severity** in a single work step. Can also be used for cleaning and removing rust and scale. The results come significantly quicker than with conventional flap wheels of aluminium oxide cloth. With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

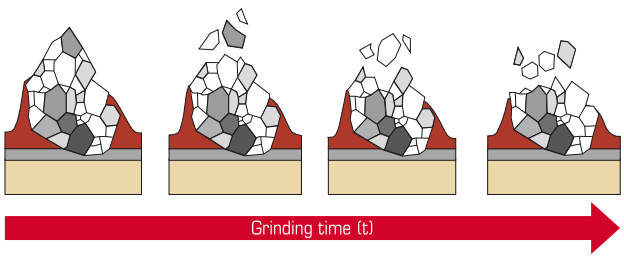
| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 100 x 19** | 1,000 – 2,000 | 5,000 | Ceramic cloth | 4 | 40 | 41540 |
| | | | | | 60 | 41560 |
| | | | | | 80 | 41580 |




### Eisenblätter ceramic self-sharpening process

The existing grinding force breaks off sintered micro-crystals, continuously giving the grit new, sharp cutting edges.



**SUITABLE FOR ALL METALS · WOOD**

# Flap Wheel

## Abrasive flap wheel for surface grinding



For **removing rust, oxide layers, paint, and scratches** and for satin finishing and **applying strong structures** to metals. With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 100 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 40 | 41440 |
| | | | | | 60 | 41460 |
| | | | | | 80 | 41480 |
| | | | | | 120 | 41490 |
| | | | | | 180 | 41491 |
| **Ø 105 x 50 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 24 | 41024 |
| | | | | | 40 | 41040 |
| | | | | | 60 | 41060 |
| | | | | | 80 | 41080 |
| | | | | | 120 | 41120 |
| | | | | | 180 | 41180 |
| | | | | | 240 | 41240 |






Powerful longitudinal structures are created in a flash while simultaneously removing light scratches with the Eisenblätter mop wheel.

**SUITABLE FOR ALL METALS · WOOD**

# Scrubby Wheel

## The sophisticated solution for uneven surfaces

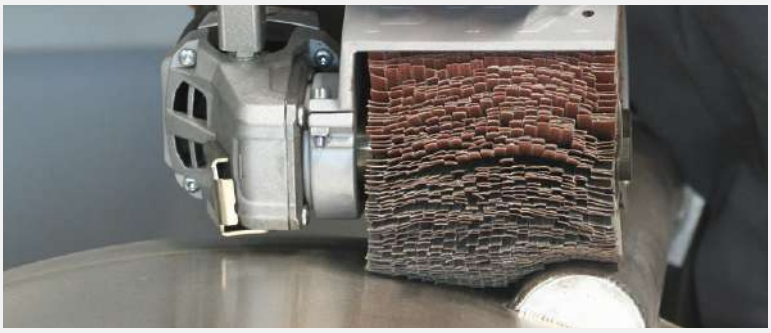


Highly flexible high-quality corundum wheel for abrasive cloth with flaps with multiple slits. For all sheet metal, including with punches and drill bores, it quickly produces linear grinding while deburring all punch or bore edges. The large number of pre-slitted cloth flaps mean that the individual flap sections are able to get perfectly into all uneven spots and round all interior edges.
This wheel can be used with many materials, such as steel, stainless steel, non-ferrous metals, hard plastics, and wood.
With a vibration-damping core for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | High-quality corundum | 2 | 120 | 41314 |



**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS**

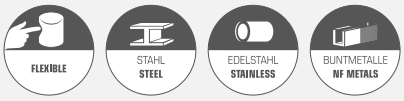
# Gum Wheel



Especially **soft gum wheel** with silicon grit for **improved work-piece adjustment.**
For **eliminating minor scratches** and **removing scale.**
The result is a brightly gleaming, powerfully textured **decorative linear grind** on stainless steel and non-ferrous metals. Also used for smoothing wood fibre.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|
| **Ø 105 x 100 x 19** | 1,000 – 2,000 | 2,000 | 2 | 60 | 45061 |
| | | | | 180 | 45181 |
| **Ø 105 x 50 x 19** | 1,000 – 2,000 | 2,000 | 4 | 60 | 45060 |
| | | | | 180 | 45180 |



**SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS**

# Fleece Wheel Cut & Polish (S/C)



The extremely high grit content combined with a silicon carbide grit mix allows this well-known satin finish **(industrial finish grit K240-280)** to be achieved extremely quickly on stainless steel. A satin finish can be achieved without prep work **even on untreated, scratch-free stainless steel surfaces.**
Recommendation when there are scratches: Prep work with a 60 grit fleece wheel.
Oxide layers are quickly removed by the high grit content. The bright finish produces a very attractive effect.
With a vibration-damping core for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | Silicon carbide fleece | 2 | 240 – 280 | 43004 |







Generate an industrial finish without prep work – even scale is quickly removed.

**SUITABLE FOR ALL METALS · WOOD**

# Fleece Top Wheel



Fleece wheel compressed with polyurethane foam. **Multiple times the service life** of pure fleece wheels. **Generates strong linear structures with a decorative sheen** and performs fine deburring of **perforated sheet metal.** With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 112 x 100 x 19** | 1,000 – 3,000 | 5,000 | Foamed nylon fleece fabric | 2 | 80 | 43102 |
| | | | | | 180 | 43103 |
| | | | | | 400 | 43105 |






**SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS · WOOD**

# Fleece Wheel

## Compact high-tech fleece wheel made from compressed nylon grit fleece for industrial grinding



Very **high-quality fleece fabric** for especially long service life. Generates a shadow-free industrial finish (matt finish, satin finish). Can also be used for pre-polishing, **removing oxide layers, blending "pre-ground" sheet metal,** and smoothing surfaces. With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.
Provides the option of achieving a **working width of 110 mm** (fits all satin-finish tools) with 60, 80, and 180 grits and a diameter of **115 mm.** The tightening screw is sunk into the wheel, allowing grinding up to the edge.

### Benefits at a glance

- **High-quality fleece fabric** for a particularly long service life.
- Produces a **shadow-free industrial finish** (matting, satin finishing).
- Also suitable for **pre-polishing.**
- **Ideal speed** 1,000 – 2,500 rpm.
- **Maximum speed** 5,000 rpm.
- 19 mm spline shaft mount.
- With **vibration-damped sleeve** (design protected) for 1-way, 2-way and 4-way splined shaft, resulting in **100% concentricity.**



Shadow-free industrial finish on stainless steel



Final generation of the grinding pattern with the POLY-PTX® fleece wheel (recommendation 80 grit, for industrial grinding 240 grit) for mitre grinding.



## Technical specifications

| **Dimensions** (diameter x width x drill bore in mm) | **Ideal speed** (rpm) | **Maximum speed** (rpm) | **Material** | **Pkg. unit** | **Grit** (K) | **Article number** |
|---|---|---|---|---|---|---|
| **Ø 115 x 110 x 19** (an extra 10 mm wide for corner grinding) | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 60 | 43061 |
| | | | | | 80 | 43101 |
| | | | | | 180 | 43181 |
| **Ø 115 x 100 x 19** | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 280 | 43281 |
| | | | | | 400 | 43401 |
| | | | | | 600 | 43601 |
| | | | | | 900 | 43901 |
| **Ø 115 x 50 x 19** | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 60 | 43060 |
| | | | | | 80 | 43100 |
| | | | | | 180 | 43180 |
| | | | | | 280 | 43280 |
| | | | | | 400 | 43400 |
| | | | | | 600 | 43600 |
| **Ø 105 x 100 x 19** | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 60 | 43061a |
| | | | | | 80 | 43101a |
| | | | | | 180 | 43181a |
| | | | | | 280 | 43281a |
| | | | | | 400 | 43401a |
| | | | | | 600 | 43601a |
| **Ø 105 x 50 x 19** | 1,000 – 2,500 | 5,000 | Nylon fleece fabric | 4 | 60 | 43060a |
| | | | | | 80 | 43100a |
| | | | | | 180 | 43180a |
| | | | | | 280 | 43280a |



SUITABLE FOR ALL METALS · WOOD

# CLEAN-MIX Wheel

## The solution for effectively removing mill scale and scale!



**Newly designed cleaning wheel with intermediate abrasive flap layers.**
For an enhanced cleaning effect and longer service life. The stabilizing abrasive flaps prevent the CLEAN material from dissipating early. The **improved grinding effect** thus achieved makes removing scales, rust, burrs, and paint **much more effective.**
The intermediate abrasive cloth layers wear uniformly with the cleaning fleece so that no disparities between the grinding components arise. The open, elastic cloth pores of the CLEAN material mean **that the product does not clog** and allows a **sand-blast-like effect on metal.** Weld seams are made clean and bright, pore-deep. **Paint can be removed quickly** and effortlessly from wood, and weathered wooden beams or planks can be renewed in record time.

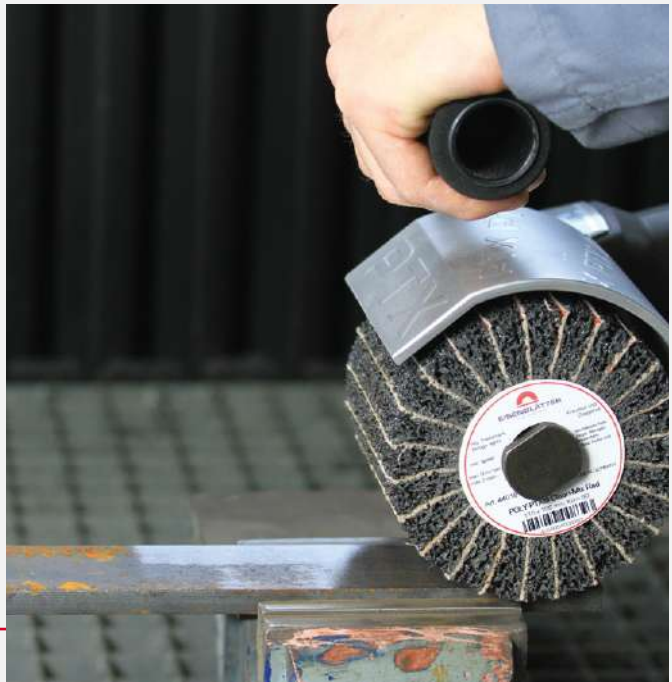
### Benefits at a glance

- **The quickest way to remove scales, rust, burrs, etc. from metals.**
- **Quick cleaning and renewing of metal and wooden surfaces.**
- The intermediate abrasive flap layers, tailored to the CLEAN material, ensure **uniform wear and therefore consistent grinding results.**
- With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | 2 | 44018 |

DESIGN COPYRIGHT · BALANCED · ALL METALS · HOLZ WOOD





**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD**

# POLY-PTX® Clean Wheel

## Ultra-resistant nylon fleece cleaning wheel



**Cleans and removes pore-deep paint, rust, scale, and dirt on all materials.**
The effect is similar to that of sand-blasting: **cleans without removing material.** Ideal for car bodywork, the automotive industry, shipyards, and renovation work by commercial decorators and builders. At a width of 100 mm, the overhang provides a working width of 110 mm (fits all satin-finish tools). The tightening screw is sunk into the wheel, allowing grinding up to the edge. With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 115 x 110 x 19** (an extra 10 mm wide for corner grinding) | 1,000 – 2,000 | 5,000 | 2 | 40018 |
| **Ø 115 x 50 x 19** | 1,000 – 2,000 | 5,000 | 4 | 40018a |








**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD**

# POLY-PTX® Clean Wheel Soft

## Ultra-soft nylon fleece cleaning wheel



**Cleans and removes pore-deep paint, rust, scale, and dirt on all materials.** Effect is similar to that of sand-blasting: **cleans without removing material.** Ideal for car bodywork, the automotive industry, shipyards, and renovation work by commercial decorators and builders. Can also be used for a coarse satin finish (grit 60).
**Tip:** Ideal for targeted elimination without rework of scratches from surfaces that have already been satin finished.
With a vibration-damping core for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 115 x 100 x 19** | 1,000 – 2,000 | 5,000 | 2 | 40018w |
| **Ø 115 x 50 x 19** | 1,000 – 2,000 | 5,000 | 4 | 40018wa |

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The extra soft Clean Wheel Soft even adapts to round tubes.



**Professional tip:** Ideal for removing scratches and pre-polishing for mirror-finish polishing.

**SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS**

# Felt Wheel




For **pre-polishing and high gloss polishing** of small to medium even surfaces, from non-ferrous metals to stainless steel. **First-class Merino felt wheel of continuous felt material** with a vibration-damping sleeve for single, double, and quadruple spline shafts; ensures that the wheel runs perfectly. Can be used with great contact pressure.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 50 x 19** | Merino felt | 1,000 – 3,000 | 5,000 | 4 | 40017 |

DESIGN COPYRIGHT · ALUMINUM · BUNTMETALLE NF METALS · HARD PLASTICS

**SUITABLE FOR NON-FERROUS METALS**

# Cotton Ring



Fine **cotton rings** for polishing. **Impregnated version for non-ferrous metals.**
Ideal for **high-gloss polishing** of non-ferrous metals, such as aluminium and brass.
Ideal for uneven work-pieces and chequered plate. The spline shaft hole allows it to be slipped directly onto the POLY-PTX® shaft. Eight units fit perfectly on the 100 mm POLY-PTX® shaft.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 10 x 19** | Cotton (impregnated) | 1,000 – 3,000 | 5,000 | 8 | 40019 |

BUNTMETALLE NF METALS

# POLY-PTX® GRINDING WHEELS

Polishing

SUITABLE FOR STAINLESS STEEL

## Mirror Finishing Ring, Medium



**Fine polishing rings** of technical fleece material, **impregnated for stainless steel. For main polish** on narrow or uneven stainless steel surfaces and chequered plate. The spline shaft hole allows it to be slipped directly onto the POLY-PTX® shaft.
Eight units fit perfectly on the 100 mm POLY-PTX® shaft.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 10 x 19** | Technical fleece (impregnated) | 1,000 – 3,000 | 5,000 | 8 | 40019m |

EDELSTAHL STAINLESS

SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS

## Mirror Finishing Ring, Soft



**Fine, soft polishing rings** of technical fleece material. **Excellent mirror finishing effect** (final polish for metals from stainless steel to non-ferrous metals) with the same result as buff wheels. The spline shaft hole allows it to be slipped directly onto the POLY-PTX® shaft.
Eight units fit perfectly on the 100 mm POLY-PTX® shaft.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 10 x 19** | Technical fleece | 1,000 – 3,000 | 5,000 | 8 | 40019t |

EDELSTAHL STAINLESS

BUNTMETALLE NF METALS

**SUITABLE FOR STEEL · WOOD**

# Wire Wheel

## Braided steel brush, corrugated, for greater wire stability



**Metal:** For removing rust, deburring, rough grinding, and cleaning steel.
**Wood:** For brushing out soft growth rings and creating coarse, rustic effects.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Wire thickness (mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 25 x 19** | Steel | 0.27 | 8,000 | 4 | 46302n |
| **Ø 100 x 70 x 19** | Steel | 0.27 | 8,000 | 1 | 46301 |

STAHL STEEL · HOLZ WOOD

**SUITABLE FOR STAINLESS STEEL**

# Stainless Steel Wire Wheel

## Durable stainless steel brush (spring steel)



For cleaning weld seams, deburring (rustproof), removing rust, rough grinding, and removing lacquer, paint, and impurities on such items as perforated stainless steel sheets.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Wire thickness (mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 12 x 19** | Stainless steel 1.4310 | 0.2 | 8,000 | 8 | 46202 |
| **Ø 100 x 25 x 19** | Stainless steel 1.4310 | 0.2 | 8,000 | 4 | 46202n |
| **Ø 100 x 70 x 19** | Stainless steel 1.4310 | 0.2 | 8,000 | 1 | 46201 |

EDELSTAHL STAINLESS · EDELSTAHL® Rostfrei

SUITABLE FOR ALL METALS · WOOD

# Bristle Wheel

## Grit-impregnated, flexible plastic brush



**Metal:** For rough grinding and deburring.
**Wood:** For generating rustic effects with soft growth ring transitions.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Maximum speed (rpm) | Bristle thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 12 x 19** | Grit-impregnated nylon | 8,000 | 1.27 | 8 | 46102 |
| **Ø 100 x 25 x 19** | Grit-impregnated nylon | 8,000 | 1.27 | 4 | 46102n |
| **Ø 100 x 70 x 19** | Grit-impregnated nylon | 8,000 | 1.27 | 1 | 46101 |

ALL METALS · HOLZ WOOD

SUITABLE FOR WOOD

# Fibre Wheel

## Flexible fibre brush



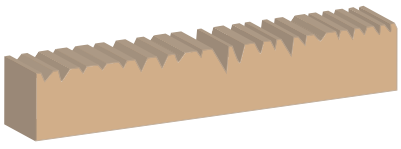
Flexible fibre brush for polishing stained wood surfaces to create a matt sheen effect and for pore-deep dust removal and cleaning.

### Technical specifications

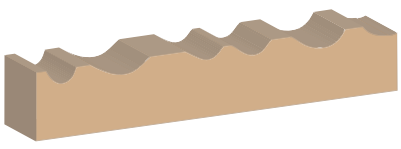
| Dimensions (diameter x width x drill bore in mm) | Material | Maximum speed (rpm) | Bristle thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| **Ø 100 x 100 x 19** | Fibre | 8,000 | 0.4 | 1 | 46400 |

FLEXIBLE · HOLZ WOOD

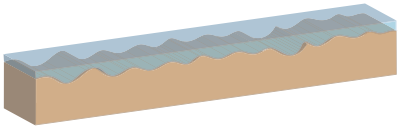
## Working with wood



In combination with the wire wheel, the POLY-PTX® is eminently suitable for brushing out soft growth rings. A coarse rustic effect is easy to produce due to the materials used (wire brush for steel).



Used with the bristle wheel, a flexible, grit-impregnated plastic brush, the POLY-PTX® is the ideal tool for producing a rustic effect with a soft growth ring transition.



The fibre wheel guarantees stained wood surfaces are polished easily and yet with a top-quality finish. The flexible fibre brush guarantees a perfect matt sheen effect and is ideal for pore-deep cleaning and removal of dust.

SUITABLE FOR SLEEVES Ø 90 MM

# POLY-PTX® Expansion Roller



A special innovation is the patented 3-fold segmented expansion roller made of soft rubber. It ensures optimum adjustment to the work-piece, improving all grinding and polishing results. Changing the sleeve is particularly easy with the patented triple-segment system.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|
| **Ø 90 x 100 x 19** | 5,000 | 1 | 42002 |
| **Ø 90 x 50 x 19** | 5,000 | 1 | 42001 |

PATENTED FLEXIBLE ACCESSORIES

SUITABLE FOR SLEEVES Ø 90 X 100 MM

# POLY-PTX® Inflatable Expansion Roller



The **individual "hardness adjustment"** of the respective zirconium, ceramic, SC fleece, Trizact™, SuperPolish, BRIGHTEX®, and felt **sleeves** makes this inflatable expansion roller a good idea. It is particularly well-suited to grinding flat surfaces and edges.
It can also be inflated with a bicycle pump or similar device (for individual pressure adjustment, adapter included).

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|
| **Ø 90 x 100 x 19** | 5,000 | 1 | 42003 |

FLEXIBLE ACCESSORIES

### Tip for changing the sleeve

Simply place the expansion roller with the old sleeve on a smaller diameter tool (e.g. grinding belt roller) and pull it down with both hands. The sleeve can be changed in seconds.



# POLY-PTX® GRINDING SLEEVES

Grinding and blending

**SUITABLE FOR ALL METALS**

## Ceramic Sleeve



Grinding sleeves made from high-quality ceramic cloth with a service life multiples of that of a conventional grinding sleeve. For removing deep scratches, rust, scale, and weld seams. Generates bright, strong surface structures (for the coarse decorative finish). Suitable expansion roller see pages 153 and 161.

### Technical specifications

| Dimensions (diameter x width in mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **Ø 90 x 100** | Ceramic cloth | 10 | 40 | 42440 |
| | | | 60 | 42460 |
| | | | 80 | 42480 |

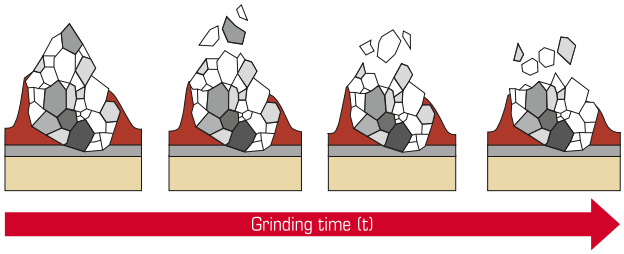






### Eisenblätter ceramic self-sharpening process

The existing grinding force breaks off sintered micro-crystals, continuously giving the grit new, sharp cutting edges.



**SUITABLE FOR STEEL · STAINLESS STEEL**

# Zircon Sleeve



**Grinding sleeves of high-quality zirconium cloth for removing deep scratches, rust, scale, and weld seams** (for a powerful line finish).
Suitable expansion roller, see pages 120, 153 and 161.

## Technical specifications

| Dimensions (diameter x width in mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **Ø 90 x 100** | Zirconium cloth | 10 | 40 | 42040 |
| | | | 60 | 42060 |
| | | | 80 | 42080 |
| | | | 120 | 42120 |
| | | | 150 | 42150 |
| | | | 180 | 42180 |
| **Ø 90 x 50** | Zirconium cloth | 10 | 40 | 42301 |
| | | | 60 | 42302 |
| | | | 80 | 42303 |
| | | | 120 | 42304 |
| | | | 150 | 42305 |
| | | | 180 | 42306 |






# POLY-PTX® GRINDING SLEEVES

Grinding and blending

**SUITABLE FOR STEEL · STAINLESS STEEL**

## Trizact™ Sleeve

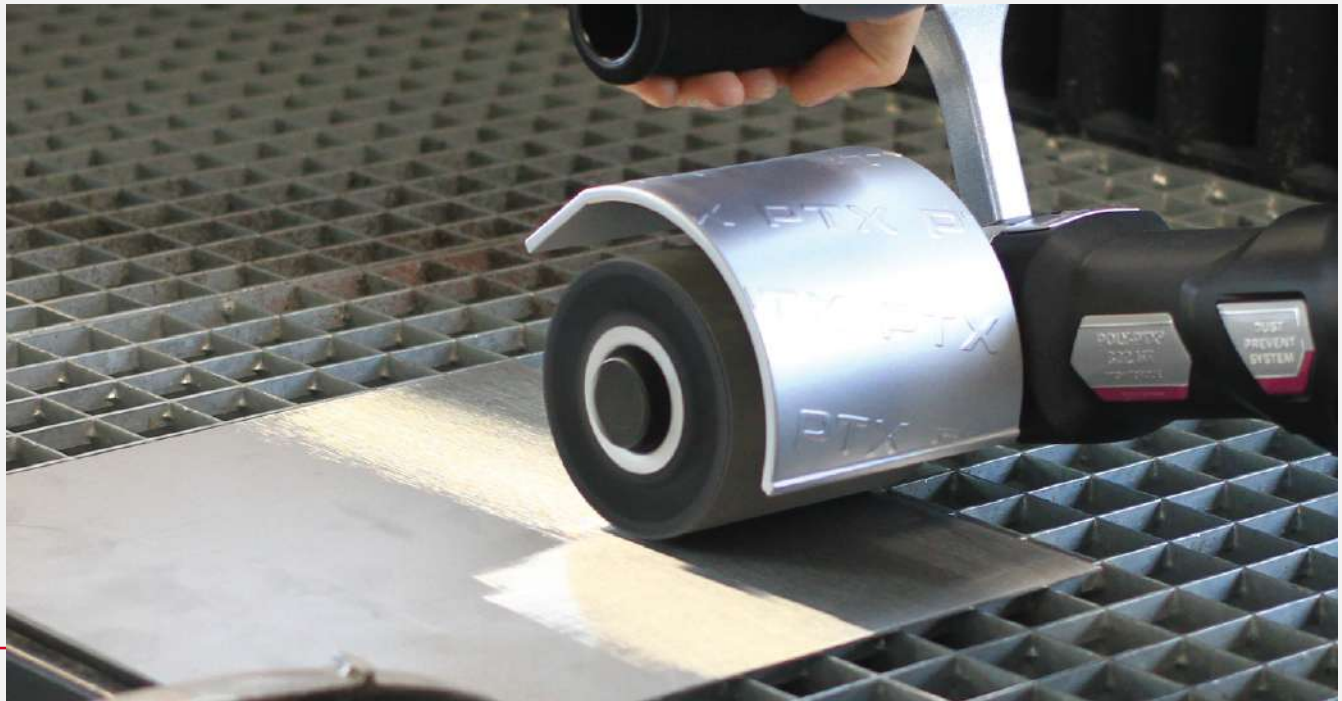


New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.**
Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.**
Suitable expansion roller, see pages 120, 153 and 161.

### Technical specifications

| Dimensions (diameter x width in mm) | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|
| **Ø 90 x 100** | 10 | A160 | 120 | 24 | 42280 |
| | | A100 | 220 | 36 | 42270 |
| | | A65 | 280 | 40 | 42265 |
| | | A45 | 400 | 50 | 42245 |
| | | A30 | 600 | 60 | 42230 |
| | | A16 | 1.200 | 80 | 42216 |
| | | A06 | 2.000 | 120 | 42206 |
| **Ø 90 x 50** | 10 | A160 | 120 | 24 | 42327 |
| | | A100 | 220 | 36 | 42326 |
| | | A65 | 280 | 40 | 42325 |
| | | A45 | 400 | 50 | 42324 |
| | | A30 | 600 | 60 | 42323 |
| | | A16 | 1.200 | 80 | 42322 |
| | | A06 | 2.000 | 120 | 42321 |



**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

# SC Fleece Sleeves



Technical surface conditioning fleece ideally suited to deburring, fine grinding, and **removing oxide layers.** Also works very well for **decorative satin finishing and linear grinding** while removing minor scratches (you may want to do rework with a POLY-PTX® fleece wheel to neutralise grinding transitions).
Suitable expansion roller, see pages 120, 153 and 161.

## Technical specifications

| Dimensions (diameter x width in mm) | Material | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **Ø 90 x 100** | SC nylon fleece with reinforcing fabric | 4 | 80 | brown | coarse | 42010 |
| | | | 180 | red | medium | 42011 |
| | | | 280 | blue | fine | 42012 |
| | | | 400 | grey | very fine | 42009 |
| **Ø 90 x 50** | SC nylon fleece with reinforcing fabric | 4 | 80 | brown | coarse | 42311 |
| | | | 180 | red | medium | 42312 |
| | | | 280 | blue | fine | 42313 |
| | | | 400 | grey | very fine | 42314 |






SUITABLE FOR ALL METALS

# BRIGHTEX® Polishing Sleeves

## Berry & Sun



**Polishing material that is already impregnated with BRIGHTEX® polishing paste** removes the time-consuming hassle of applying pastes and creams to give untreated metal a **shadow-free mirror finish.**
**Can be used immediately** without additional pastes and creams!
Suitable expansion roller, see pages 120, 153 and 161.

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**
- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**
- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

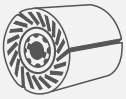
- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications

| Version | Application | Dimensions (diameter x width in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **90 x 100** | 1,000 – 3,000 | 5,000 | 2 | 42014 |
| Berry (pink) | High-gloss polishing | **90 x 50** | 1,000 – 3,000 | 5,000 | 4 | 42332 |
| Sun (yellow) | Mirror-finish polishing | **90 x 100** | 1,000 – 3,000 | 5,000 | 2 | 42015 |
| Sun (yellow) | Mirror-finish polishing | **90 x 50** | 1,000 – 3,000 | 5,000 | 4 | 42333 |

PROTECTION OF UTILITY MODELS

ALL METALS





SUITABLE FOR ALL METALS

# SuperPolish Sleeve



**Revolutionary special fleece.** Used with polishing pastes and creams for a **shiny mirror finish** on stainless steel and non-ferrous metals which leaves **no smears or shadows.**
Suitable expansion roller see pages 120, 153 and 161.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

## Technical specifications

| Dimensions (diameter x width in mm) | Material thickness (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 90 x 100** | 5 | 1,000 – 3,000 | 5,000 | Polishing fleece | 4 | 42013n |
| **Ø 90 x 50** | 5 | 1,000 – 3,000 | 5,000 | Polishing fleece | 4 | 42331 |




SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS

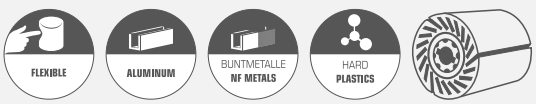
# Felt Sleeve



**First-rate Merino felt sleeve, continuous throughout** with no joins. For rapid mirror finish using polishing pastes and creams that leave no scratches or smears.
Suitable expansion roller see pages 153 and 161.
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

## Technical specifications

| Dimensions (diameter x width in mm) | Material thickness (mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| **Ø 90 x 100** | 5 | 1,000 – 3,000 | 5,000 | Merino felt | 4 | 42013 |



# ECO SMART SYSTEM

Linear grinding quick clamping system

**SUITABLE FOR ECO SMART TOOLS**

# POLY-PTX®
# Eco Smart Adapter

## The fastest and cheapest mount for grinding rollers



The low-cost, innovative, **tool-free linear grinding quick-release system** for use on the 100 mm POLY-PTX® coupling shaft. Just push tool rollers onto the Eco Smart adapter – they will be fixed in place with the machine's running motions without any further effort. Whether the components are extra-wide rollers with a 150-mm working depth or narrow wheels with a 50-mm working depth – they will all be quickly and reliably fixed with the Eco Smart adapter. Wheels that are 50 mm wide can be fixed at any position on the shaft without spacer rings.

### Benefits at a glance

- **Can be used with POLY-PTX® and all linear grinding machines with Ø 19 mm spline shaft.**
- **Innovative tool mount** for quick roller change.
- The simple Eco Smart system can be used with Eco Smart tools such as **mix and fleece wheels** with **working widths of up to 150 mm.**
- Finned rigid rubber sleeve ensures completely **vibration-free work** and keeps the **tools running perfectly.**
- Simply slide the adapter onto the spline shaft and you're ready to use Eco Smart tools.
- Guarantees immediate, **secure fixing of tools.**

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|
| **Ø 45 x 100 x 19** | 6,000 | 1 | 42004 |

PATENTED FLEXIBLE ACCESSORIES

Simply mount the Eco Smart adapter on the linear grinding machine's Ø 19 mm spline shaft to start using Eco Smart tools.
The counter-rotating rubber flaps allow Eco Smart wheels to be secured in seconds without tools.










**SUITABLE FOR SLEEVES Ø 90 X 100 MM**

# Eco Smart Expansion Roller



A special innovation is the patented 3-fold segmented expansion roller. Improves every grinding and polishing pattern due to the optimal work-piece adaptation. Particularly easy case change thanks to the patented triple segment system. Simply attach the Eco Smart Adapter to the 19 mm spline shaft of the linear grinding machine to clamp the Eco Smart expansion roller without tools.
Eco Smart Adapter see page 160.

## Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|
| **Ø 90 x 100 x 45** | 5,000 | 1 | 47005 |

PATENTED FLEXIBLE ACCESSORIES



# ECO SMART SYSTEM

Linear grinding quick clamping system

**SUITABLE FOR ALL METALS · WOOD**

## Eco Smart Flap Wheel



Abrasive flap wheel for surface grinding in the Eco Smart version (eliminating the cost of the inner core, inner sleeves, or cast resin) for **removing rust, oxide layers, and scratches** and for applying **a textured and satin finish on all metals.**
**Easy-to-use quick-release function** for Eco Smart rollers in any position on the Eco Smart Adapter.
Eco Smart Adapter see page 160.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Ideal speed (rpm) | Maximum speed (rpm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 100 x 45** | High-quality corundum | 1,000 – 2,000 | 5,000 | 4 | 40 | 47211 |
| | | | | | 60 | 47212 |
| | | | | | 80 | 47213 |
| | | | | | 120 | 47214 |
| | | | | | 180 | 47215 |
| **Ø 105 x 50 x 45** | High-quality corundum | 1,000 – 2,000 | 5,000 | 4 | 40 | 47202 |
| | | | | | 60 | 47204 |
| | | | | | 80 | 47205 |
| | | | | | 120 | 47206 |
| | | | | | 180 | 47207 |



**SUITABLE FOR STEEL · STAINLESS STEEL · WOOD**

# Eco Smart Mix Wheel

## Fleece abrasive flap combination wheel



**High-quality grit-impregnated nylon fleece with high-quality corundum abrasive cloth** for uniform fleece and abrasive cloth wear in an Eco Smart design (**eliminating costs for inner core,** inner sleeves, or cast resin; working width of up to 150 mm). It is more abrasive than pure fleece wheels.

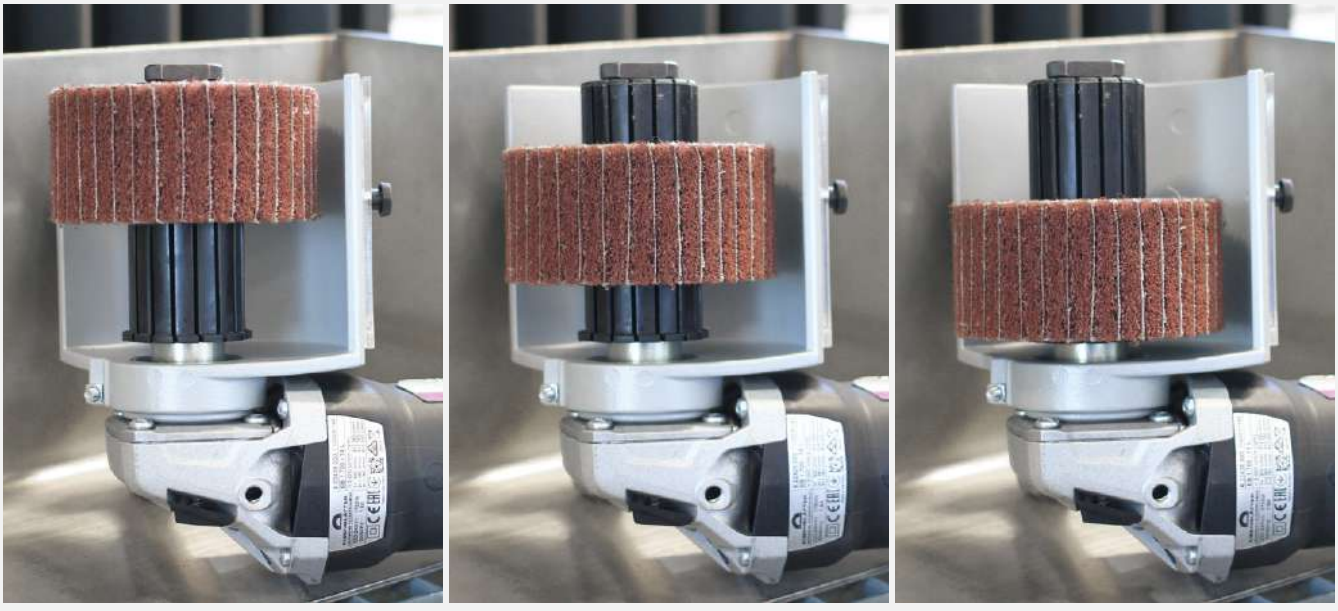
**Metal:** Matt finishing, satin finishing, removing minor scratches, oxide, and paint, etc.
**Wood:** Smoothing surfaces and removing old paint, dirt, etc.
Eco Smart Adapter see page 160.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 150 x 45** | 1,000 – 2,000 | 5,000 | High-quality corundum | 2 | 80 | 47322 |
| | | | | | 180 | 47323 |
| **Ø 105 x 100 x 45** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 47311 |
| | | | | | 80 | 47312 |
| | | | | | 180 | 47313 |
| **Ø 105 x 50 x 45** | 1,000 – 2,000 | 5,000 | High-quality corundum | 4 | 60 | 47301 |
| | | | | | 80 | 47302 |
| | | | | | 180 | 47303 |




The Eco Smart system allows ideal grinding all the way to corners (sheet metal upstands) since all Eco Smart tools can be placed anywhere on the Eco Smart adapter without spacer rings.



# ECO SMART SYSTEM

Linear grinding quick clamping system

**SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS · WOOD**



# Eco Smart Fleece Wheel

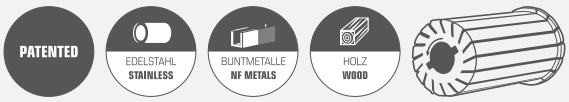
## Compact high-tech fleece wheel of compressed nylon grit fleece for an industrial finish

High-tech fleece wheel in an Eco Smart design (eliminating costs for inner core, inner sleeves, or cast resin; working width of up to 150 mm). Generates a **shadow-free industrial finish** (matt finish, satin finish). Can also be used for pre-polishing, removing oxide layers, **blending "pre-ground" sheet metal, and smoothing surfaces.**

Eco Smart Adapter see page 160.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Ideal speed (rpm) | Maximum speed (rpm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|---|---|
| **Ø 105 x 150 x 45** | 1,000 – 2,000 | 5,000 | Nylon fleece fabric | 2 | 80 | 47422 |
| | | | | | 180 | 47423 |
| **Ø 105 x 100 x 45** | 1,000 – 2,000 | 5,000 | Nylon fleece fabric | 4 | 60 | 47411 |
| | | | | | 80 | 47412 |
| | | | | | 180 | 47413 |
| | | | | | 280 | 47414 |
| | | | | | 400 | 47415 |
| **Ø 105 x 50 x 45** | 1,000 – 2,000 | 5,000 | Nylon fleece fabric | 4 | 80 | 47402 |
| | | | | | 180 | 47403 |
| | | | | | 280 | 47404 |






**SUITABLE FOR POLY-PTX® 802 HT · POLY-PTX® AKKU HT · POLY-PTX® 800**

# POLY-PTX®
# Grinding Belt Roller

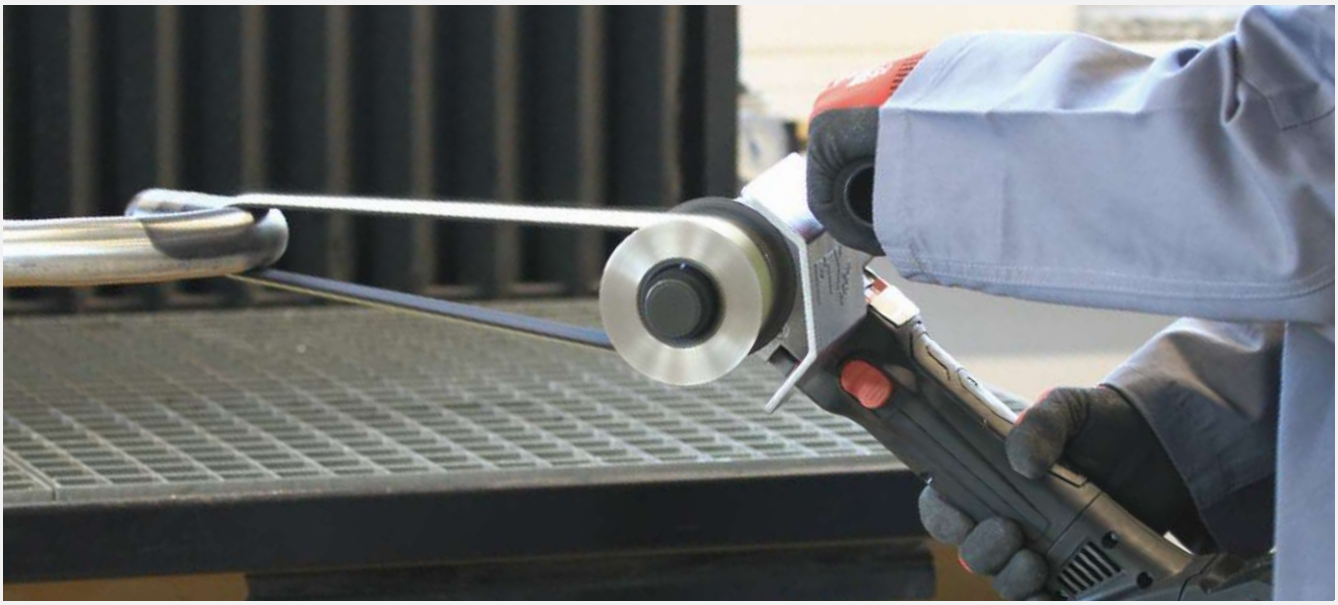
## For belts of up to 30 mm width



Grinding belt roller of **wear-resistant,** soft, fluted **Vulculan plastic** for a better grip and **no-slip work** with lateral stainless steel flanges.
With a vibration-damping sleeve for single, double, and quadruple spline shafts, ensuring the wheel runs perfectly.
Matching belts can be found from page 166 onwards.

### Technical specifications

| Dimensions (diameter x width x drill bore in mm) | Material | Maximum speed (rpm) | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 85 x 70 x 19** | Vulculan polyurethane with stainless steel flanges | 6,500 | 1 | 40006va |



SUITABLE FOR SANDING BELTS · TRIZACT™ BELTS

# POLY-PTX® Special Adhesive Tape



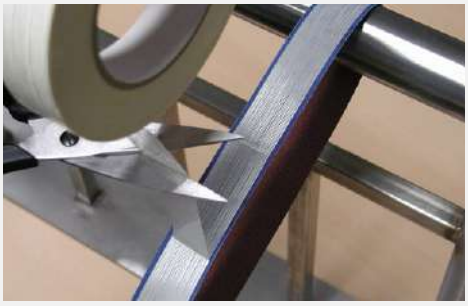
Heat-resistant adhesive tape with linear reinforcement for a tear-resistant hold on grinding belts. For resealing high-quality corundum and Trizact™ belts for work on closed pipe systems with grinding belt rollers.

## Technical specifications

| Width (mm) | Length (m) | Pkg. unit | Article number |
|---|---|---|---|
| 25 | 50 | 1 | 49000 |

**TIP:**
Closed grinding belts, such as the grinding belt or Trizact™ belt, are cut open for work on closed pipe constructions, placed across the pipe and taped around in an overlapping pattern (about 370°) along their entire length with our specially developed adhesive tape.





SUITABLE FOR ALL METALS

# High-quality Corundum Grinding Belt



Elastically flexed high-quality corundum grinding belt for a variety of grinding work, even on tight radii. For coarse grinding, pre-grinding, smoothing, and removing burrs and rust from round pipes.
Suitable grinding belt roller see pages 120 and 165.

## Technical specifications

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **30 x 600** | High-quality corundum | 10 | 40 | 49040 |
| | | | 60 | 49060 |
| | | | 80 | 49080 |
| | | | 120 | 49120 |
| | | | 180 | 49180 |
| | | | 240 | 49240 |

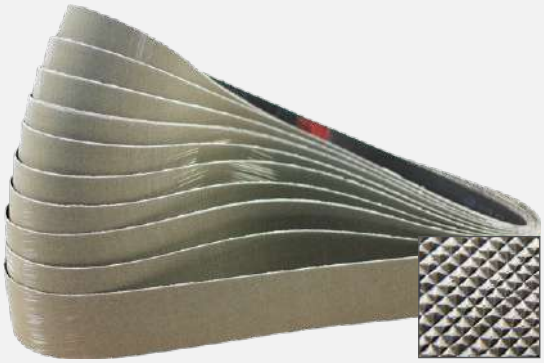
Please note: Special adhesive tape for resealing see page 166.

ALL METALS

**SUITABLE FOR STEEL · STAINLESS STEEL**

# Trizact™ Belt

## Ideal for removing scratches and pre-polishing for mirror-finish polishing



New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.** Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.**
Suitable grinding belt roller see pages 120 and 165.

### Technical specifications

| Dimensions (mm) | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|
| **30 x 600** | 10 | A100 | 220 | 36 | 49370 |
| | | A65 | 280 | 40 | 49365 |
| | | A45 | 400 | 50 | 49345 |
| | | A30 | 600 | 60 | 49330 |
| | | A16 | 1200 | 80 | 49316 |
| | | A06 | 2000 | 120 | 49306 |

Please note: Special adhesive tape for resealing see page 166.

STAHL **STEEL** EDELSTAHL **STAINLESS**



**SUITABLE FOR ALL METALS · WOOD · HARD PLASTICS**

# SC Fleece Belts (T-Lock)

## Resealable with T-lock

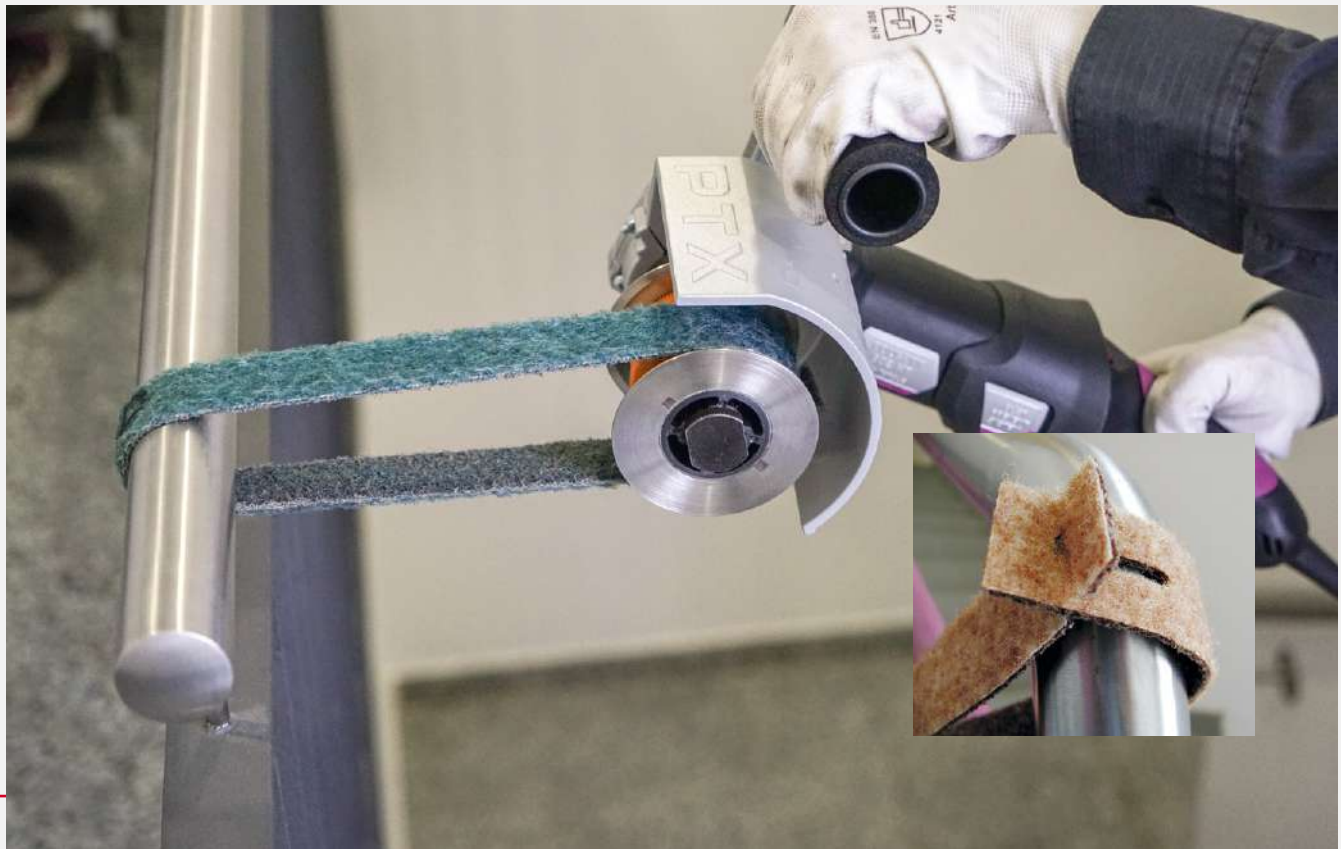


Technical Surface Conditioning fleece belt with the **patented T-lock** (resealable).
For removing minor scratches and oxide layers, matt finishing, satin finishing, and deburring **"closed" pipe constructions** and railings.
Suitable grinding belt roller see pages 120 and 165.

### Technical specifications

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **30 x 660** | SC nylon fleece with reinforcing fabric | 5 | 80 | brown | coarse | 49001 |
| | | | 180 | red | medium | 49002 |
| | | | 280 | blue | fine | 49003 |
| | | | 400 | grey | very fine | 49007 |

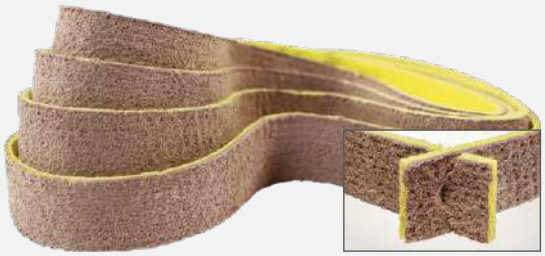


SUITABLE FOR ALL METALS

# BRIGHTEX® Polishing Belts (T-Lock)

## Berry & Sun



The polishing material, which is **already pre-soaked with BRIGHTEX® polishing paste,** makes the tiresome and time-consuming application of pastes and creams unnecessary and gives untreated metal **a shadow-free mirror finish. Can be used immediately** without additional pastes and creams! Re-closable strap with buttonhole closure (T-Lock) for working on "closed tube constructions". Suitable grinding belt roller see pages 120 and 165.

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**

- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**

- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications

| Version | Application | Dimensions (W x L mm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **30 x 650** | 5 | 4 | 49005t |
| Sun (yellow) | Mirror-finish polishing | **30 x 650** | 5 | 4 | 49006t |

PROTECTION OF UTILITY MODELS

ALL METALS

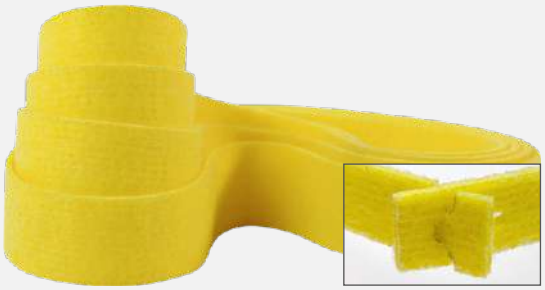
# POLY-PTX® PIPE PROCESSING

Polishing belts

SUITABLE FOR ALL METALS

## SuperPolish Belt (T-Lock)

### Revolutionary special fleece



In conjunction with polishing pastes and cream, achieves a **brilliant mirror finish** on stainless steel and non-ferrous metals **without streaks or shadows. Resealable strap with buttonhole closure (T-Lock) for working on "closed pipe constructions".**
Polishing pastes and cream see pages 215 and 218.
Suitable grinding belt roller see pages 120 and 165.
**Please note:** Always use a separate belt for each paste and cream – it is important not to mix different grit sizes.

#### Technical specifications

| Dimensions (W x L mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **30 x 650** | 5 | Polishing fleece | 5 | 49004t |

ALL METALS

SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS

## Felt Belt (T-Lock)

### Resealable with T-Lock



**First-class Merino felt belt with patented T-Lock (re-closable),** can be used on both sides.
For quick **mirror finishing of "closed" pipe constructions** and railings, from non-ferrous metals to stainless steel.
Suitable for hard plastics as well.
Polishing pastes and cream see pages 215 and 218.
Suitable grinding belt roller see pages 120 and 165.
**Please note:** Always use a separate belt for each paste and cream – it is important not to mix different grit sizes.

#### Technical specifications

| Dimensions (W x L mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **30 x 660** | 5 | Merino felt | 5 | 49004 |

ALUMINUM · BUNTMETALLE NF METALS · HARD PLASTICS

# BELT GRINDING

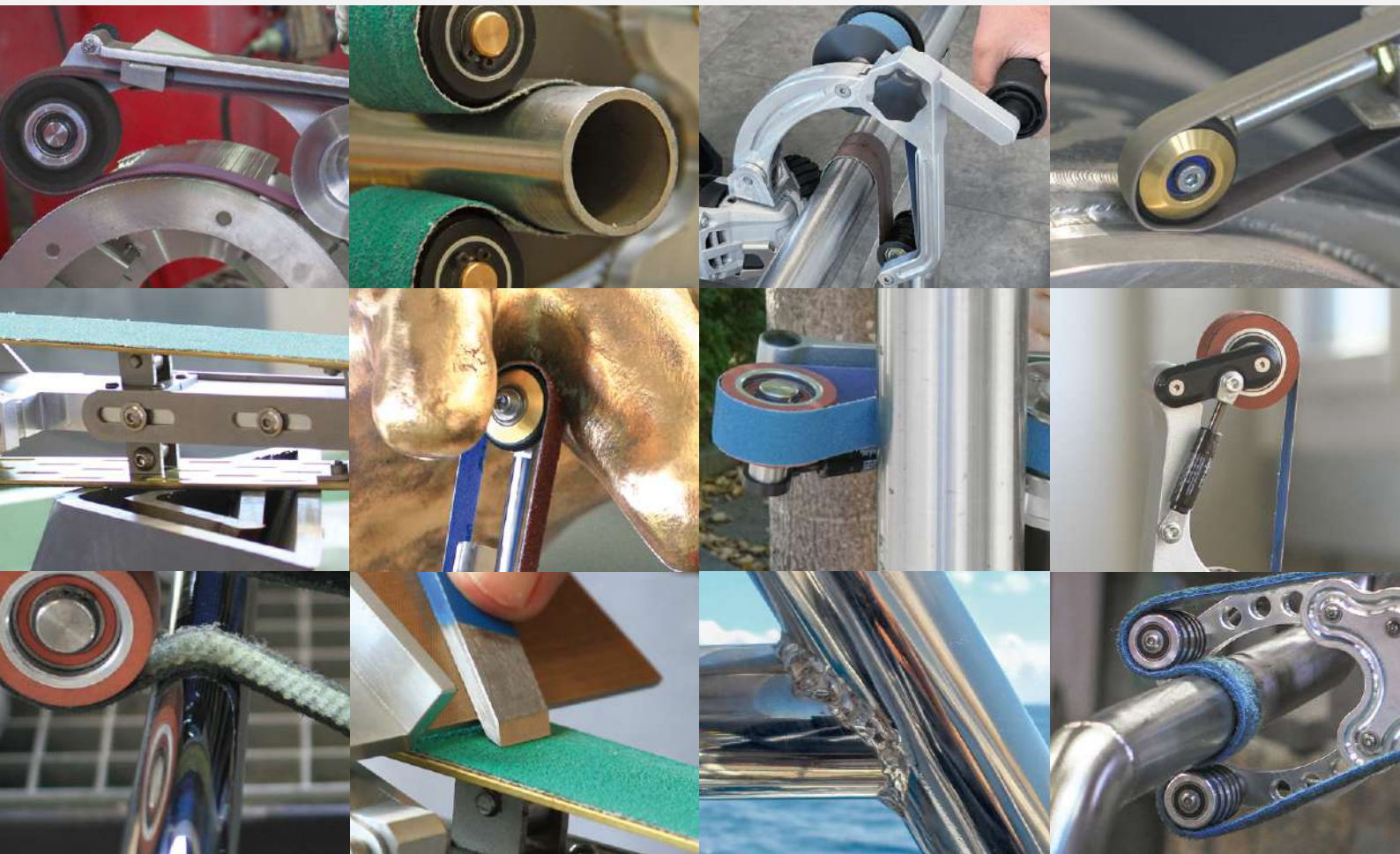

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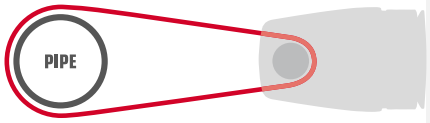
# Application overview

## POLY-PTX® 802 HT · POLY-PTX® AKKU HT · PTX COMPACT HT · POLY-PTX® 800

**Belt dimensions:**
30 x 600 mm
30 x 660 mm (T-Lock)

**Pipe diameter:**
Ø 10 – 130 mm





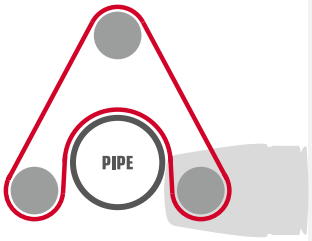

**Pages 124 / 128 / 116 / 126**

## TOPRAIL 1100 HT

**Belt dimensions:**
40 x 780 mm

**Pipe diameter:**
ideal Ø 20 – 80 mm
maximum Ø 130 mm





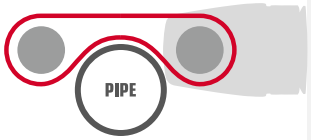

**Page 174**

## ROHR MAX® 802 HT

**Belt dimensions:**
40 x 780 mm

**Pipe diameter:**
Ø 40 – 130 mm





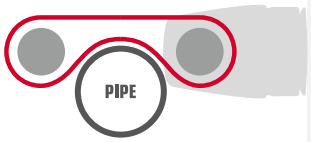

**Page 176**

## ROHR MAX® AKKU

**Belt dimensions:**
30 x 533 mm

**Pipe diameter:**
Ø 20 – 80 mm





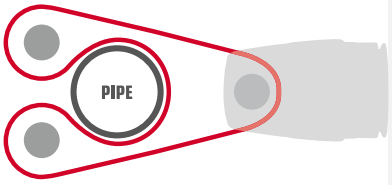

**Page 178**

## ROHR SNIPER® 802 HT

**Belt dimensions:**
40 x 780 mm

**Pipe diameter:**
Ø 25 – 70 mm






**Page 180**

# Application overview

## BAND-IT 1100 · BAND-IT AKKU

**Belt dimensions:**
5 / 9 x 533 mm

All sizes,
flat surfaces





**Pages 182 / 184**

## GLADIUS® 1802 HT

**Belt dimensions:**
40 x 780 mm

All sizes,
flat surfaces





**Page 186**

## Suitable grinding belt rolls for POLY-PTX® linear grinders:



**POLY-PTX® grinding belt roller** p. 165

NEW



**PTX COMPACT HT grinding belt roller** p. 120

## Suitable grinding belts:

**Zircon grinding belt** p. 193

**Trizact™ belt** p. 196

**BRIGHTEX® polishing belts** p. 197



**SC fleece belts** p. 195

**SuperPolish belt** p. 198

**SUITABLE FOR BELT DIMENSIONS 40 X 780 MM**

# TOPRAIL 1100 HT Pipe Belt Sander

## High-precision tube processing with the smallest size

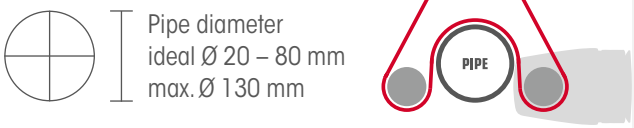



Extremely **compact and powerful pipe belt sander** for **easy and fatigue-free sanding, satin finishing or polishing of round pipes.** During use, the machine is resiliently placed on the round tube from above, which enables **fatigue-free work for hours,** as the weight of the machine rests on the work-piece. Thanks to the **high-performance motor with planetary gear,** a **triple torque** is generated compared to grinders of a similar design.
The TOPRAIL 1100 HT is therefore **ideally suited for continuous use,** and that with **low weight and very compact dimensions.** All functional parts are made of **high-quality, milled aluminum, wear-resistant drive and deflection rollers** (with lateral belt guide). As a result, **high precision** and a perfect end result.



Sophisticated planetary gear for high power reserves and torque

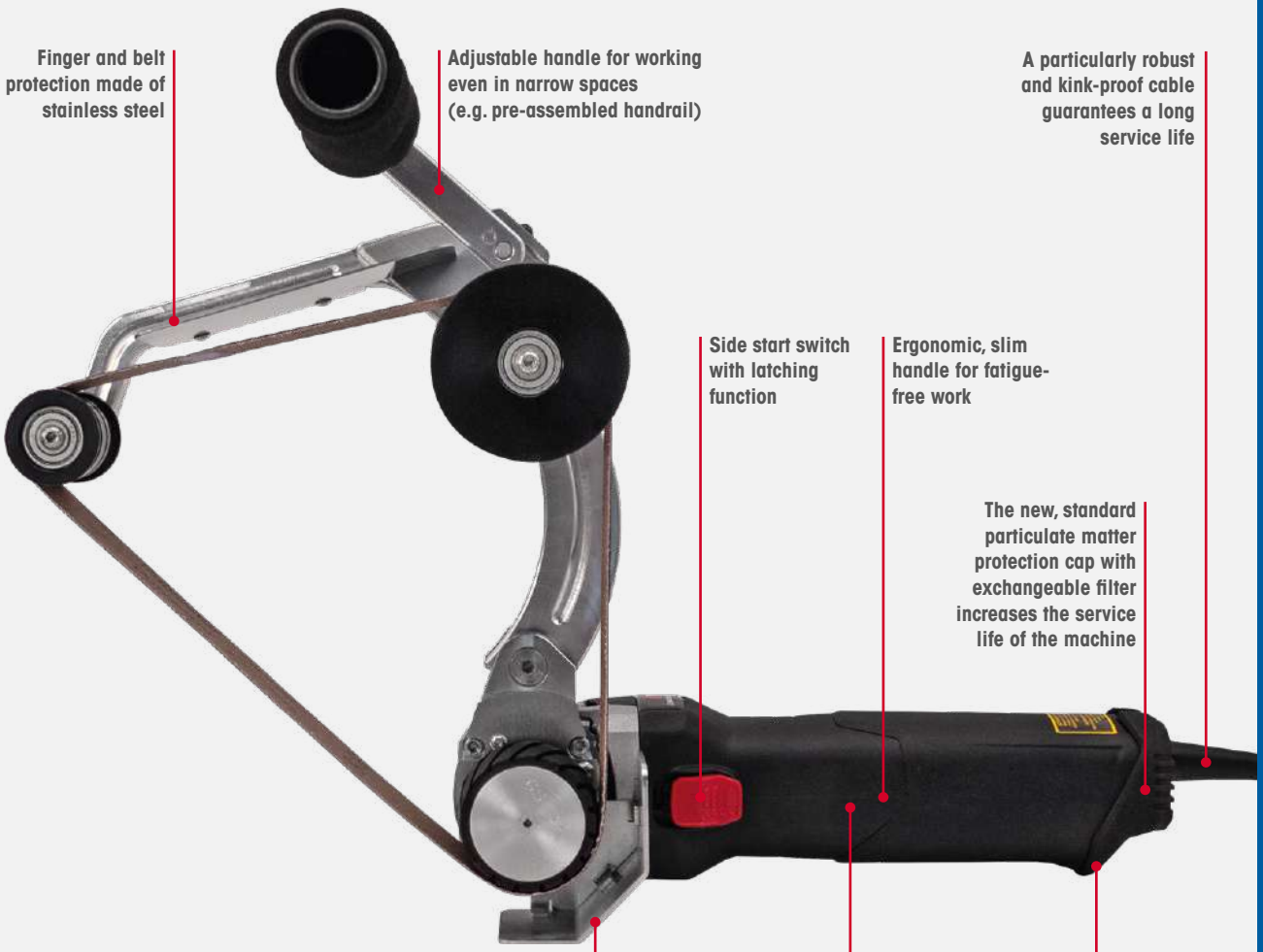
**Belt dimensions: 40 x 780 mm**




### Benefits at a glance

- Particularly easy **belt change in seconds.**
- **Stainless steel** protective covers.
- Ideal for working in **tight grinding areas –** the handle can be adjusted accordingly.
- Extremely compact, powerful and high-torque thanks to the exclusive **planetary gear (high torque) with high pulling power –** up to three times higher than comparable devices.
- Fatigue-free, **easily controllable belt guide.**
- "Marathon-Engine" offers **30% higher power reserves** with up to **50% more torque** compared to comparable devices.
- Motor with **multiple dust protection** for a long service life.
- **Electronic overload protection, soft start and restart protection.**
- **Switch-off carbon brushes** to protect the motor.
- Maintenance-friendly device design – for **carbon brush replacement in seconds.**
- The machine can be put down without touching the table in the standing position.
- **Made in Germany.**






HighTorque

## Technical specifications TOPRAIL 1100 HT pipe belt sander

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,100 | 40 x 780 | 800 – 3,000 | 2.5 – 9.4 | 3.8 | 1 | 38810 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,100 | 40 x 780 | 800 – 3,000 | 2.5 – 9.4 | 3.8 | 1 | 38810a |

**Contents:**
1 TOPRAIL 1100 HT pipe belt sander
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
3 Zircon belts
1 SC fleece belt

**Please note:** Practical accessory set see page 190.

**The new, standard particulate matter protection cap with exchangeable filter increases the service life of the machine!**



With a practical recess for speed control! (see page 232)

**You can find suitable belts from page 193.**



Zircon belt SC fleece belts SuperPolish belt

**The ideal addition to your machine: the pipe processing accessory set (page 190)**



**SUITABLE FOR BELT DIMENSIONS 40 X 780 MM**

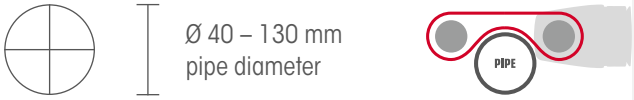
# ROHR MAX® 802 HT

## The perfect finish for any pipe-grinding task

Thanks to a newly developed planetary gear, the frictional extension is now distributed over three additional, refined gears. As a result, longevity and pulling force are dramatically increased. Significantly improved air control technology with turbo fan and strongly encapsulated anchors and field windings bring a powerhouse to days, which was not known yet.



**Belt dimensions: 40 x 780 mm**

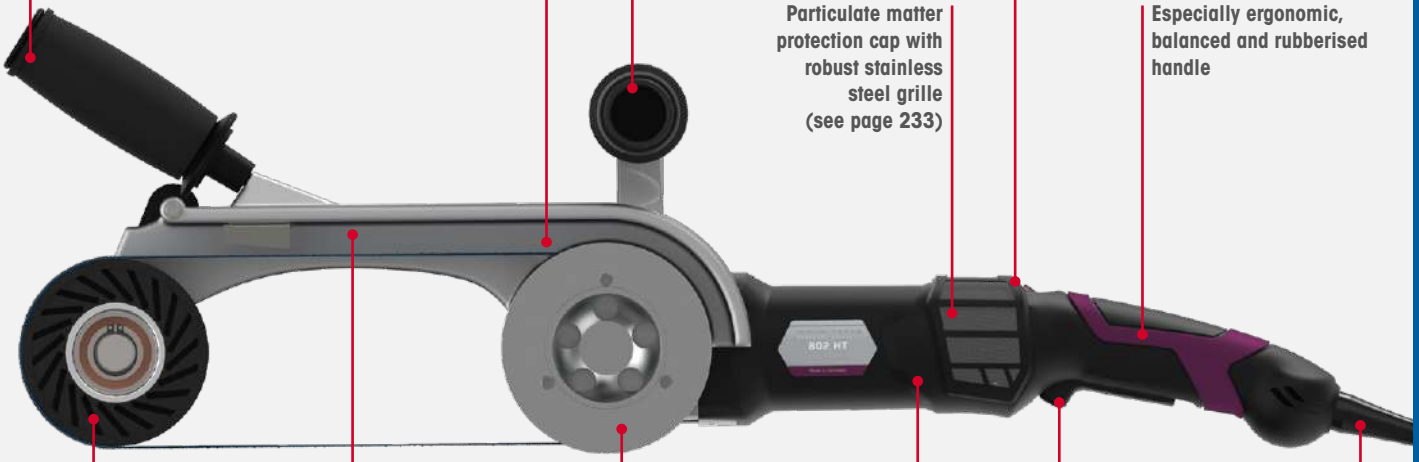



HighTorque

### Benefits at a glance

- **Extremely powerful, durable motor (1,750 W)** and new HT (high torque) transmission mechanics for wear-resistant power transmission – 100% made in Germany.
- **Planetary gear provides maximum torque throughout the speed range (820 to 3,000 rpm, belt speed 4 to 13,5 m/sec)** with a tacho-generator for constant speed, even under load.
- Especially robust and kink-proof cable ensures long service life.
- **Homogeneous, uniform grinding and polishing results for all pipe diameters,** large and small.
- **Patented damping concept** allows the grinding and polishing belts to **fit around the pipes to maximum effect with no great effort.**
- **New drive roller** with replaceable rubber O-rings guarantees no-slip belts running.
- The contact wheel made from soft polyurethane material ensures **particularly soft contact and permanent elasticity.** It also allows flat surfaces to be ground longitudinally to remove spot welds and eliminate deep scratches, for instance.
- **Quick, simple belt replacement.**
- **No more adjustments required.** Ideal belt guide thanks to the **lateral stainless steel flanges.**
- **Balanced, multi-adjustable handle** allows optimum adjustment to the job in hand.
- Can be set up **for right and left-handed use** or for side and overhead work.
- The **belt unit of gravity die-cast aluminium** is particularly robust and resistant.
- Especially flexible and easy use.
- Optional available:
  ROHR MAX® finger protection cover according to DIN/VDE.






## Technical specifications ROHR MAX® 802 HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 4.0 – 13.5 | 4.7 | 1 | 38701 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 4.0 – 13.5 | 4.7 | 1 | 38701a |

**Contents:**
1 ROHR MAX® 802 HT basic device
1 Particulate matter protection cap
3 Zircon belts
1 SC fleece belt

**Please note:** Practical accessory set see page 190.
Delivery in a cardboard box.
We therefore recommend the professional transport case (see page 227, item no. 50104) to be ordered as well.

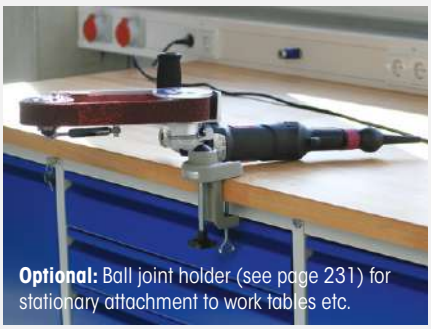




A **high-quality planetary gear** has been designed for grinding machines in the low speed range. It ensures wear-resistant power transmission with enormous additional torque.

**NEW: ROHR MAX® finger protection cover according to DIN/VDE** (see page 189)





**Optional:** Ball joint holder (see page 231) for stationary attachment to work tables etc.

**SUITABLE FOR BELT DIMENSIONS 30 X 533 MM**

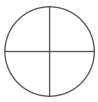
# ROHR MAX® AKKU

## Pipe machining while on the go

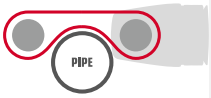


The ideal cordless pipe belt grinder with the power of a plug-in machine. Perfect for construction sites, shipyards (for railing work, for example), balustrade and hand-rail production, and much more!

**Belt dimensions: 30 x 533 mm**



Ø 20 – 80 mm
pipe diameter



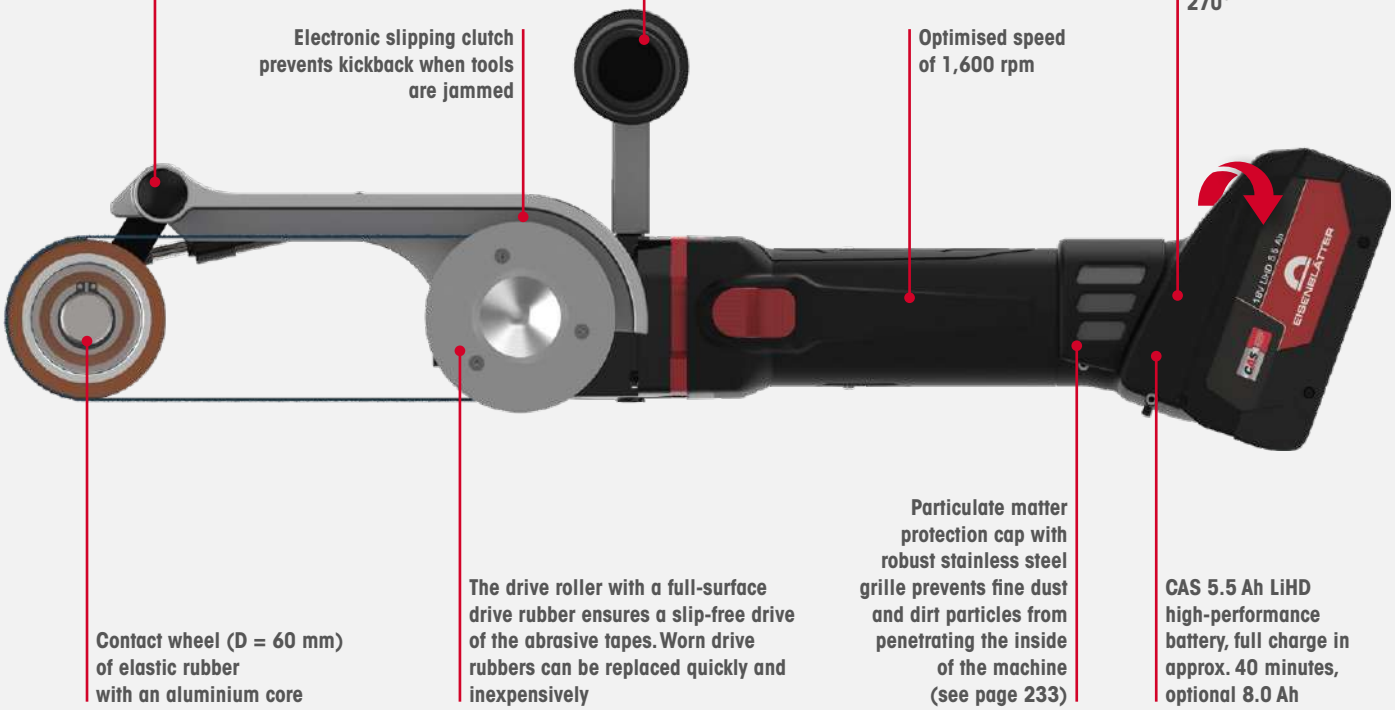

CAS CORDLESS ALLIANCE SYSTEM

### Benefits at a glance

- **Homogeneous, uniform grinding and polishing results for all pipe diameters,** large and small.
- **Planetary gear delivers maximum torque.**
- **Patented damping concept allows** the grinding and polishing belts **to fit around the pipes to maximum effect** with no great effort.
- **New drive roller** with replaceable rubber O-rings guarantees no-slip belts running.
- **Ideal belt guide thanks to the lateral stainless steel flanges.** No more adjustments required.
- **Quick, simple belt replacement.**
- **Available for the first time with planetary gear,** giving it the power of a plug-in machine of ~1,600 watts.
- The contact wheel made from soft polyurethane material ensures **particularly soft contact and permanent elasticity.** It also allows flat surfaces to be ground longitudinally to remove spot welds and eliminate deep scratches, for instance.
- **Balanced, multi-adjustable handle** allows optimum adjustment to the job in hand.
- Can be set up **for right and left-handed use** or for side and overhead work.
- The **belt unit of gravity die-cast aluminium** is particularly robust and resistant.








## Technical specifications ROHR MAX® AKKU basic set / basic device (without CAS batteries, charger and accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 30 x 533 | 1,600 | 5.3 | 3.24 | 1 | 38041 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 30 x 533 | 1,600 | 5.3 | 3.24 | 1 | 38042 |

**Scope of delivery ROHR MAX® AKKU basic set:**

1 ROHR MAX® AKKU basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
3 Zircon belts 30 x 533 mm
3 Replacement rubber O-rings



**Please note:** Practical accessory set see page 191, batteries and chargers see page 229.

**Scope of delivery ROHR MAX® AKKU basic device:**

1 ROHR MAX® AKKU basic device
1 Robust, impact-resistant plastic case



**Attention:** No battery and no charger included!



A **high-quality planetary gear** has been designed for grinding machines in the low speed range. It ensures wear-resistant power transmission with enormous additional torque.

**The ideal addition to your machine:**
**ROHR MAX® AKKU accessory set** (see page 191)



**You can find suitable belts from page 193.**



Zircon belt SC fleece belts SuperPolish belt

SUITABLE FOR BELT DIMENSIONS 40 X 780 MM

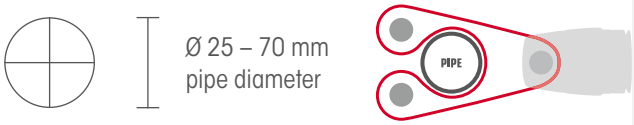
# ROHR SNIPER® 802 HT

## 360° pipe machining from a single position



Robust, balanced hand-held machine for quick pipe machining with a high-quality, milled lever system that immediately encloses 2/3 of the diameter of the pipe to be machined! This means that, for the first time, the entire pipe diameter can be ground and polished from a single working position! Very precise, stable mechanism of high-quality milled aluminium.

**Belt dimensions: 40 x 780 mm**



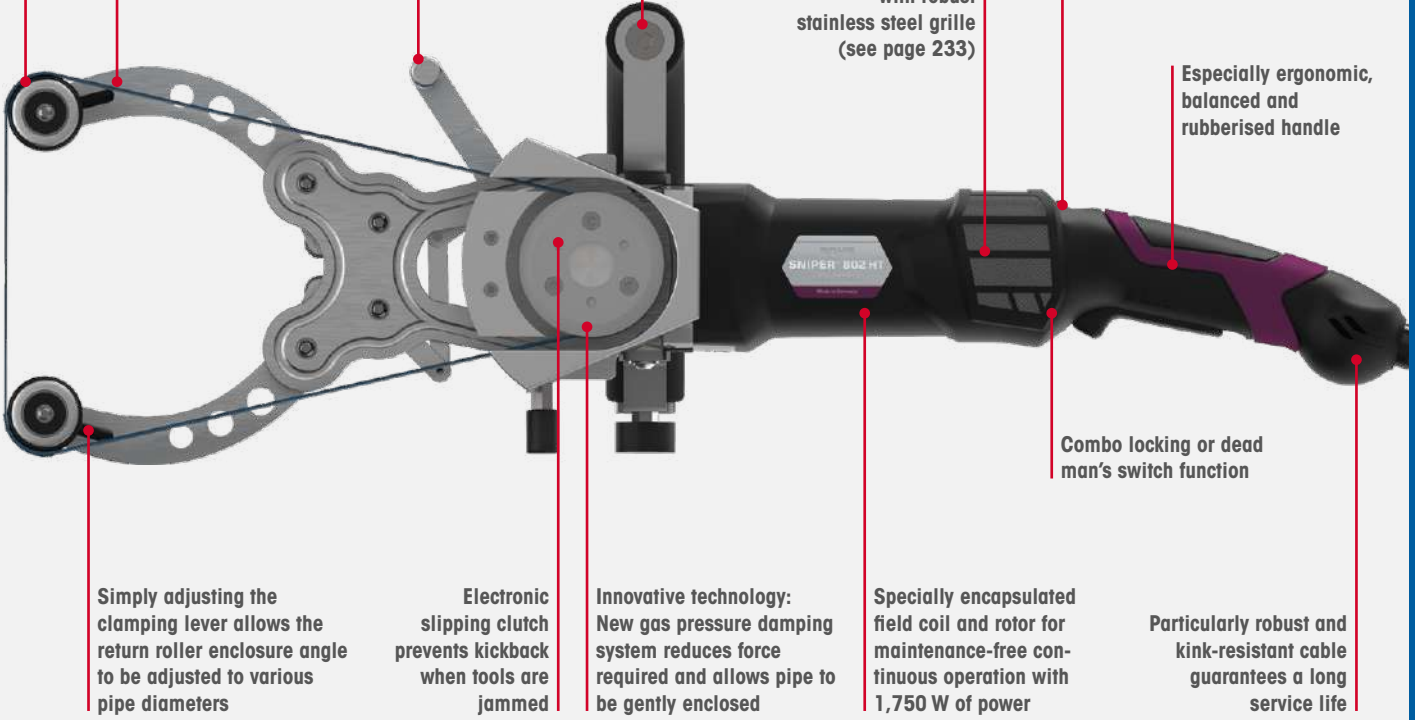

HighTorque

### Benefits at a glance

- **Minimal force required due to the revolutionary, sophisticated enclosure system.**
- The true 2/3 enclosure (for diameters of 30 to 42 mm) **allows machining pipes through 360 degrees** from a single position. The arms are closed by pulling a lever.
- **Ideal for pipe diameters of 25-70 mm.**
- Innovative technology: **Gas pressure damping system** reduces force required and **allows pipe to be gently enclosed.**
- The balanced shaft handle with non-slip rubber inserts allows the tool **to be operated easily in any conceivable position.**
- **Extremely powerful, durable motor (1,750 W) and new HT (high torque) transmission mechanics** for wear-resistant power transmission – made entirely in Germany.
- **Planetary gear provides maximum torque throughout the speed range (820 to 3,000 rpm, belt speed 2.5 to 9.2 m/sec)** with a tacho-generator for constant speed, even under load.
- New, optimised milled aluminium building components for **reduced weight.**
- **Robust lever mechanism** of high-quality milled materials for professional use and especially long service life (patented).








## Technical specifications ROHR SNIPER® 802 HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 2.5 – 9.2 | 5.3 | 1 | 38801 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 2.5 – 9.2 | 5.3 | 1 | 38801a |

**Contents:**
1 ROHR SNIPER® 802 HT basic device
1 Particulate matter protection cap
3 Zircon belts
1 SC fleece belt
10 Replacement drive rubber rings

**Please note:** Practical accessory set see page 190.
Delivery in a cardboard box.
We therefore recommend the professional transport case (see page 227, item no. 50104) to be ordered as well.



**The ideal addition to your machine:**
**Pipe machining accessory set** (see page 190)





**1,750-watt high-performance motor**
A refined motor with very high power density and a number of new features ensures completely new standards of torque, productivity, and service life.



A **high-quality planetary gear** has been designed for grinding machines in the low speed range. It ensures wear-resistant power transmission with enormous additional torque.

**SUITABLE FOR BELT DIMENSIONS 5 / 9 X 533 MM**

# BAND-IT 1100 Power File

## Finishing with precision




The new **BAND-IT 1100 power file** has an even **more robust drive for continuous professional use.** The mechanics have been improved again and are particularly **powerful and precise.**

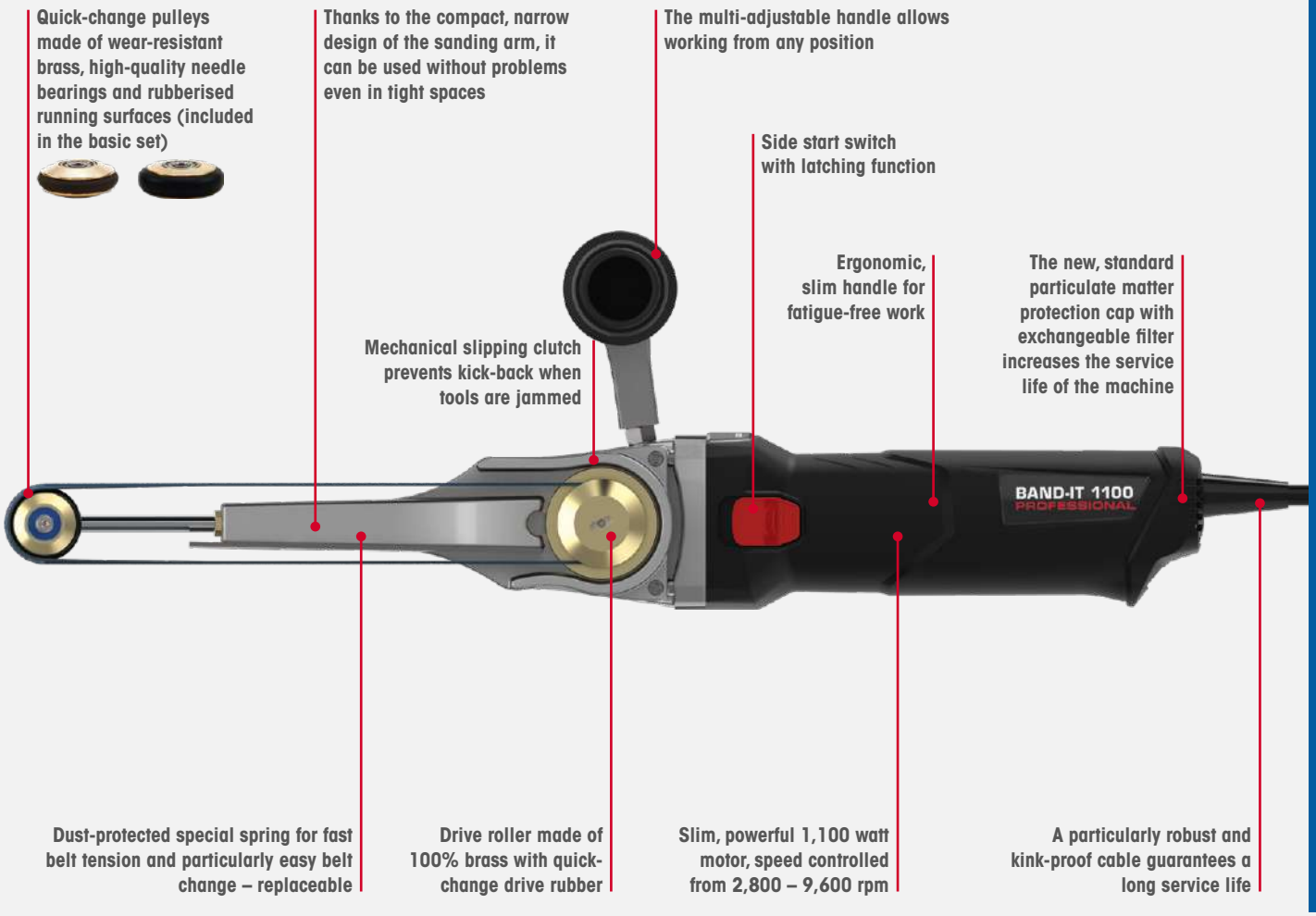
**Belt dimensions: 5 / 9 x 533 mm**




### Benefits at a glance

- Due to the **compact, narrow design,** ideal for **working in "tight spaces"** e.g. possible in edges, folds and corners. Particularly interesting in **railing, apparatus, tool and metal construction.**
- **For sanding and polishing belts 5 and 9 mm wide.** Belt change in seconds. Quickly exchangeable, **brass pulleys,** with high-quality needle bearings and rubberised running surfaces.
- **Grinding and polishing belts** are **automatically** guided and **adjusted.** The **pre-tensioning can also be locked in place** using a knurled screw, for firmer **contact pressure** and **precise work.**
- Balanced, powerful machine, **1100 watts,** speed-controlled **2,800 – 9,600 rpm.** Damping by a **dust-protected special spring. Mobile or stationary use,** e.g. with **table ball joint holder.**
- **Made in Germany.**






## Technical specifications BAND-IT 1100 power file

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,100 | 5/9 x 533 | 2,800 – 9,600 | 4.0 – 14.0 | 2.3 | 1 | 38071 |

**Contents:**
1 BAND-IT 1100 power file
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Quick-change pulley for 9 x 533 mm fleece and polishing belts
1 Quick-change pulley for 5 x 533 mm grinding belts
8 Grinding belts 9 x 533 mm

**Please note:** Practical accessory set see page 192.

**The new, standard particulate matter protection cap with exchangeable filter increases the service life of the machine!**



With a practical recess for speed control! (see page 232)

**The ideal addition to your machine: BAND-IT accessory set (see page 192)**





**Dust-protected special spring** for fast belt tension and particularly easy belt change – replaceable

**SUITABLE FOR BELT DIMENSIONS 5 / 9 X 533 MM**

# BAND-IT AKKU

## Finishing with cordless freedom

The newly developed, especially compact, powerful, high-quality flat filing machine equipped with a new damping system – with all the properties and power of plug-in machines. The sturdy LiHD battery-powered motor makes it possible.



**Belt dimensions: 5 / 9 x 533 mm**

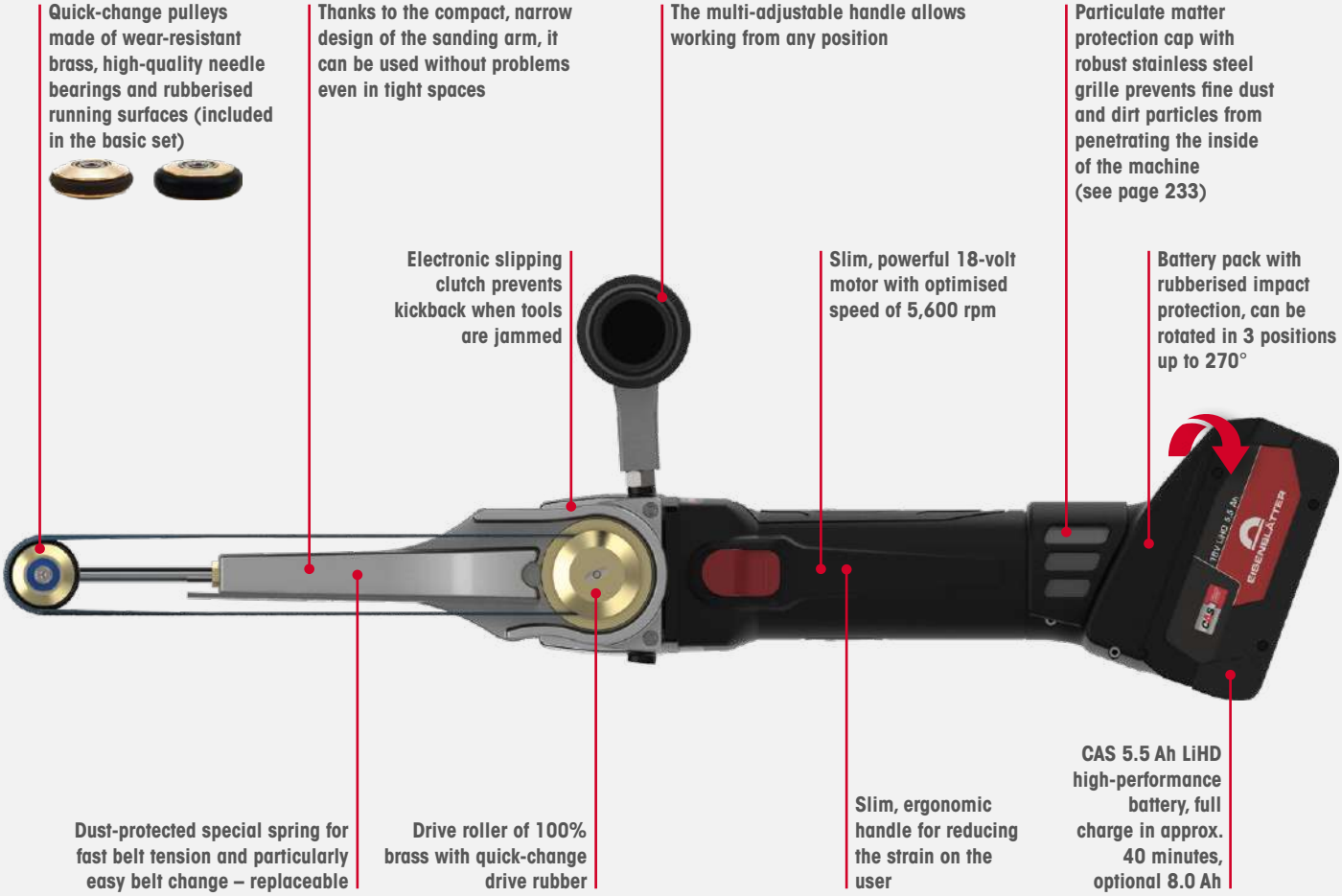



CAS CORDLESS ALLIANCE SYSTEM

### Benefits at a glance

- The **slim, compact design** is ideal **for work even in tight spots** – edges, grooves, corners, etc. Especially interesting **for work in building railings, equipment, and tools and in metal construction generally.**
- **For grinding and polishing belts between 5 and 9 mm width.** Belt replacement in seconds. Quick-change **brass contact wheel** with high-quality needle bearings, and rubberised running surfaces.
- **Grinding and polishing belts** are **automatically** guided and adjusted. A knurled screw allows pretension to be locked firmly for greater contact pressure and extremely precise work.
- **High-performance battery-powered motor with 18-volt LiHD technology,** as powerful as plug-in devices, **5.5 Ah of battery power (two batteries in the basic set).** Option of adding 8.0 Ah batteries or a high-speed charger.
- **Damping by dust-proof special spring.**
- **Can be used mobile or stationary**, e.g. by **table ball joint holder.**
- **100% made in Germany.**






## Technical specifications BAND-IT AKKU basic set / basic device (without CAS batteries, charger and accessories)

| Item | Plug type | Cable type | Mains connection (V ~ Hz) | Power (V) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|---|
| **Basic set** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 5/9 x 533 | 5,600 | 8.75 | 2.2 | 1 | 38101 |
| **Basic device** | EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 18 | 5/9 x 533 | 5,600 | 8.75 | 2.2 | 1 | 38102 |

**Scope of delivery BAND-IT AKKU basic set:**

1 BAND-IT AKKU basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
2 LiHD batteries 18 volts with 5.5 Ah capacity (CAS)
1 Fast charger incl. cable (CAS)
1 Quick-change pulley for 9 x 533 mm fleece and polishing belts
1 Quick-change pulley for 5 x 533 mm grinding belts
8 Grinding belts 9 x 533 mm



**Please note:** Practical accessory set see page 192, batteries and chargers see page 229.

**Scope of delivery BAND-IT AKKU basic device:**

1 BAND-IT AKKU basic device
1 Robust, impact-resistant plastic case



**Attention:** No battery and no charger included!




**SUITABLE FOR BELT DIMENSIONS 40 X 780 MM**

# GLADIUS® 1802 HT

## The multi-purpose grinding sword



HighTorque

Now you can grind, smooth, de-burr, polish, and remove rust and scales quickly with the new, easy-to-use "grinding sword". Extra-long work area allows machining on one or both sides, even for difficult-to-reach work-pieces. Belt replacement is very simple, meaning that almost any metal, from stainless steel to non-ferrous metals and other materials, from plastic to stone to wood, can be machined quickly. The GLADIUS® is ideally balanced and can do the work of many common stationary grinding machines without any trouble. Its versatility makes it usable in a workshop or very tight spaces.

**Belt dimensions: 40 x 780 mm**



All sizes,
flat surfaces



Sophisticated planetary gear for high power reserves and torque

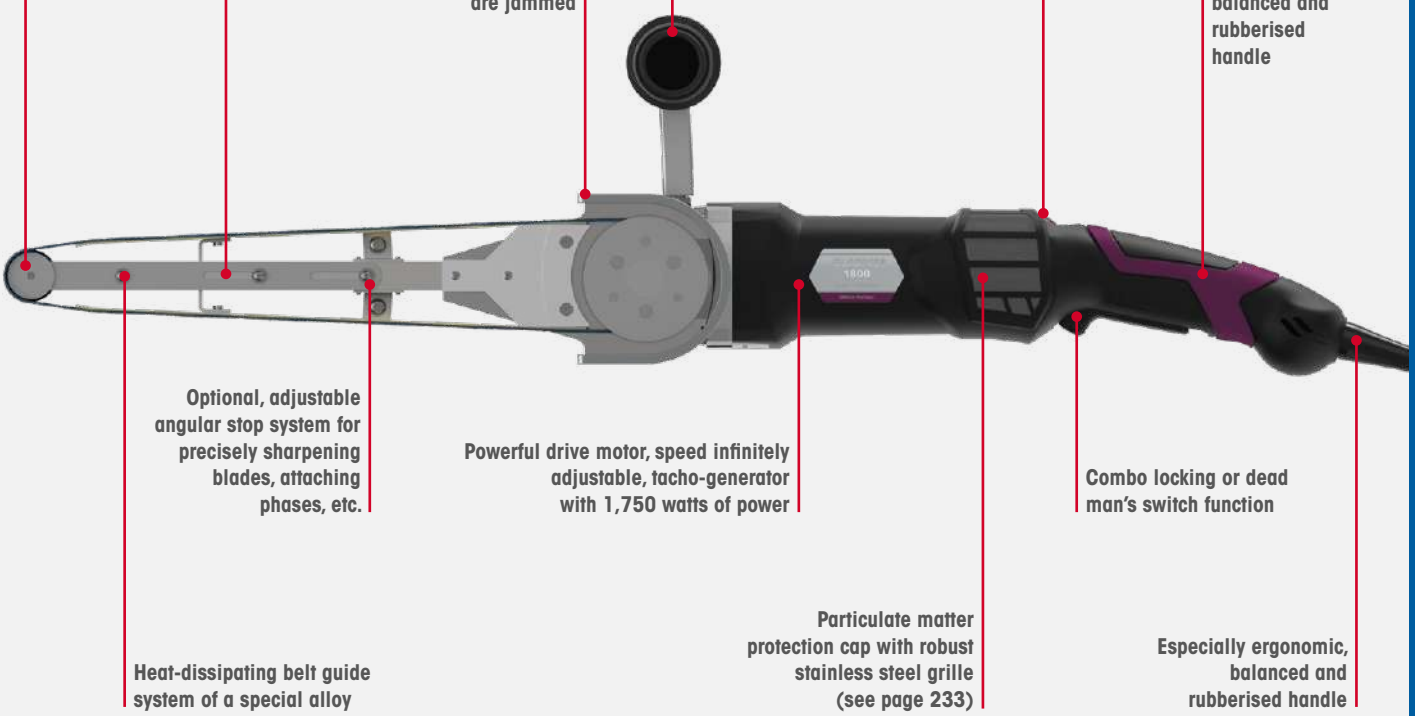
### Benefits at a glance

- **For mobile and stationary use:** extremely versatile, can be used for nearly any flat grinding and polishing work with the entire belt arm surface.
- **Optional angle attachment** for grinding work at a fixed angle, replaceable for the belt direction and the opposite direction, for such tasks as sharpening blades and tools.
- Optional table ball joint mount allows stationary use at any angle or position.
- Belt guide extension arm consists of a new, **specially developed alloy for greatly reduced grinding temperatures.**
- Very easy **belt replacement takes only seconds;** the drive roller has low-cost, replaceable rubber rings and lateral stainless steel guides.
- **The drive motor's revolutionary planetary gear makes it durable with great pulling power** at 1,750 watts and 820 to 3,000 rpm (belt speed: 2.5 to 9.2 m/sec).
- It has a tacho-generator for constant speed, even under load.










## Technical specifications GLADIUS® 1802 HT basic set

| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Belt dimensions (W x L mm) | Speed (rpm) | Belt speed (m/sec) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 2.5 – 9.2 | 4.6 | 1 | 38901 |
| GB (G) | Permanent connection | 110 – 120 ~ 50 – 60 | 1,750 | 40 x 780 | 820 – 3,000 | 2.5 – 9.2 | 4.6 | 1 | 38901a |

**Contents:**
1 GLADIUS® 1802 HT basic device
1 Particulate matter protection cap
1 Allen key 5 mm
1 Allen key 3 mm
1 Chuck key
4 Zircon belts 40 x 780 mm
5 Replacement drive rubber rings

**Please note:** Practical accessory set see page 190.
Delivery in a cardboard box.
We therefore recommend the professional transport case (see page 227, item no. 50104) to be ordered as well.




Precise smoothing and deburring of saw parts

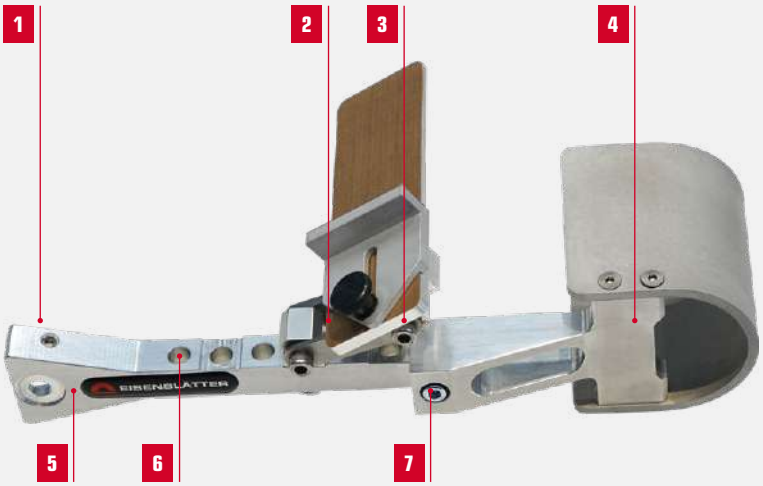

The **optional ball joint mount** allows the GLADIUS® 1802 HT function as a stationary belt grinder for blade sharpening, etc. (page 231)

SUITABLE FOR GLADIUS®

# Interchangeable Angular Stop with Belt Cover

## For high-precision work such as tool grinding from a wide range of angles and radii, sharpening and polishing of metals of any kind, right up to precise knife grinding

The interchangeable, robust angular stop with belt cover immediately allows precise, stationary work such as sharpening tools (knives, trowels, chocks, and much more). Either belt direction, and a precise angle, can be selected. The optional ball joint table mount transforms the GLADIUS® into a perfect mini-workshop for anyone.
The associated stable belt protection eliminates any risk of injury due to inadvertent contact with moving belts. The selection of a wide variety of grinding and polishing belts allows quick, precise coarse, fine grinding as well as polishing.




1. Mounting bolt for a secure connection
2. Laterally adjustable longitudinal angular hand guide (45-90°)
3. Infinitely adjustable angular support table (15-90°) (in the belt's running direction and the opposite direction)
4. Stable aluminium protective cover with an extension arm
5. Sturdy attachment arm milled from solid aluminium with surface protection
6. Six positioning holes for flexible placement of the angular support table
7. Docking station for connecting the protective cover
8. Including angle gauge for precise angle setting



### Technical specifications

| Can be used with | Adjustable angular stop of | Pkg. unit | Article number |
|---|---|---|---|
| GLADIUS® 1802 HT, GLADIUS® 1800 | 15 – 90° | 1 | 38902 |

Allows high-precision work such as tool grinding from a wide range of angles and of a wide range of radii, sharpening and polishing of metals of any kind, right up to precise knife grinding






SUITABLE FOR ROHR MAX® 802 HT

# ROHR MAX®
# Finger Protection Cover
## according to DIN / VDE

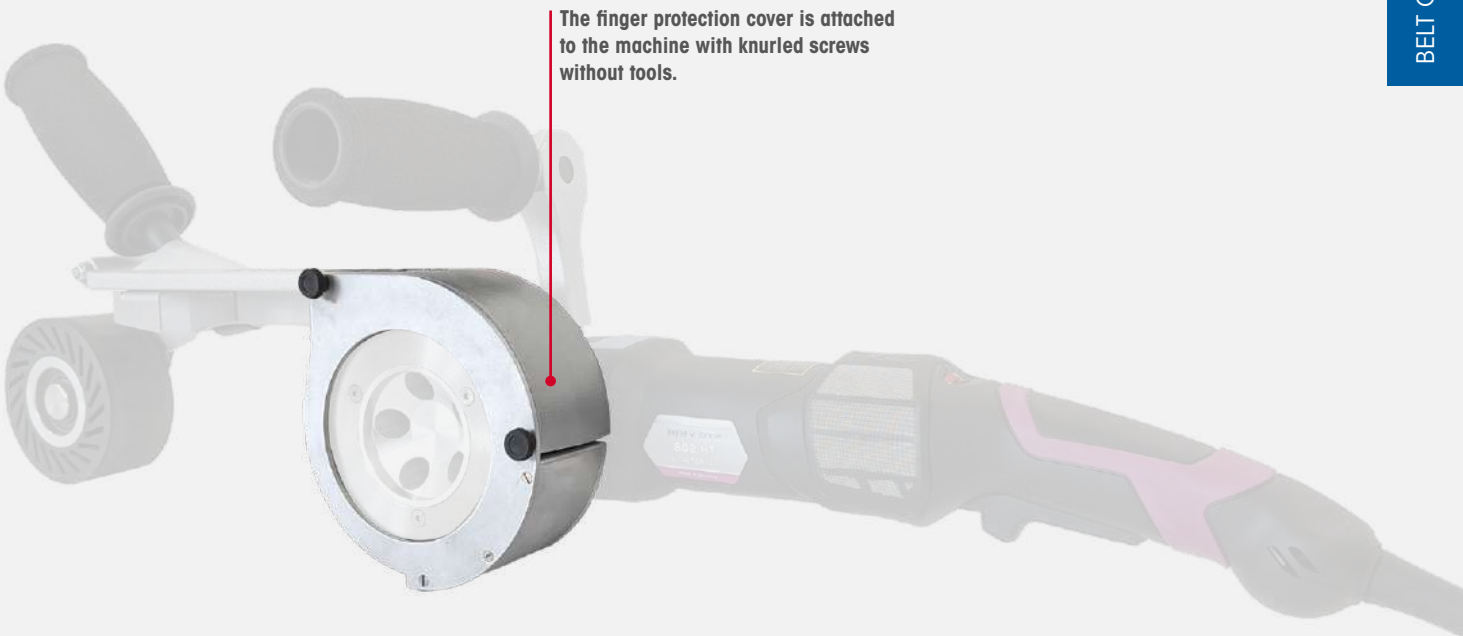



For **additional protection** against possible "finger injuries" on the belt drive roller, this robust "aluminum housing" was developed **in accordance with DIN / VDE** for the belt deflection.
This **effectively prevents a finger from being drawn into the drive.**
It is **attached easily** and **without tools using knurled screws.**
The finger guard also **enables the machine to be placed upright** on the work table without the belt touching it.

### Technical specifications

| Item | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| Finger protection cover incl. 3 knurled screws | ROHR MAX® 802 HT (from date of purchase 06/2021) | 1 | 38703 |

ACCESSORIES



SUITABLE FOR ROHR MAX® · GLADIUS® · ROHR SNIPER® ·TOPRAIL 1100 HT

# Pipe Machining Accessory Set

## Belt dimensions 40 x 780 mm

33 TEILE PARTS

The pipe machining accessory set means that the right tools are always handy.
The ideal addition to your machine. Suitable for many tasks ranging from coarse and fine grinding (industrial finish) to perfect mirror finishing – all safely stowed in the stable carrying case.

### Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse and fine grinding to a mirror finish** | ROHR MAX®, GLADIUS®, ROHR SNIPER®, TOPRAIL 1100 HT | 1 | 38702 |

**Contents:**

- 1 Mobile tool case
- 8 Zircon belts
- 6 SC fleece belts
- 6 Trizact™ belts
- 2 BRIGHTEX® Berry belts
- 2 BRIGHTEX® Sun belts
- 1 BRIGHTEX® Softclean Powder
- 1 BRIGHTEX® Berry mini pre-polishing paste
- 1 BRIGHTEX® Sun mini post-polishing past
- 2 BRIGHTEX® microfibre cloths
- 1 BRILLIANCE CLEAN 50 ml
- 1 POWER CLEANER 50 ml
- 1 INOX PROTECT 50 ml



## The ideal supplement for these belt sanders:

NEW



**TOPRAIL 1100 HT** p. 174



**ROHR MAX® 802 HT** p. 176



**ROHR SNIPER® 802 HT** p. 180



**GLADIUS® 1802 HT** p. 186

SUITABLE FOR ROHR MAX® AKKU

# ROHR MAX® AKKU Accessory Set

## Belt dimensions 30 x 533 mm

37 TEILE PARTS

The ideal addition to your machine. Suitable for many tasks ranging from coarse and fine grinding (industrial finish) to perfect mirror finishing – all safely stowed in the stable carrying case.

### Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse and fine grinding to a mirror finish** | ROHR MAX® AKKU | 1 | 38032 |

**Contents:**

- 1 Mobile tool case
- 8 Zircon belts
- 6 SC fleece belts
- 6 Trizact™ belts
- 4 BRIGHTEX® Berry belts
- 4 BRIGHTEX® Sun belts
- 2 BRIGHTEX® microfibre cloths
- 1 BRIGHTEX® Softclean Powder
- 1 BRIGHTEX® Berry mini pre-polishing paste
- 1 BRIGHTEX® Sun mini post-polishing paste
- 1 BRILLIANCE CLEAN 50 ml
- 1 POWER CLEANER 50 ml
- 1 INOX PROTECT 50 ml



## The ideal supplement for these ROHR MAX® belt sanders:



**ROHR MAX® AKKU** p. 178

SUITABLE FOR BAND-IT 1100 · BAND-IT AKKU

# BAND-IT Accessory Sets

## Belt dimensions 5 / 9 x 533 mm

87 TEILE PARTS

The BAND-IT accessory set accessory set means that the right tools are always handy. The ideal addition to your machine. Suitable for many tasks ranging from coarse and fine grinding (industrial finish) to perfect mirror finishing – all safely stowed in the stable carrying case.

### Technical specifications

| Application | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| **Coarse and fine grinding to a mirror finish** | BAND-IT 1100, BAND-IT AKKU | 1 | 38062 |

**Contents:**

1 Mobile tool case
40 Narrow high-quality corundum belts 9 x 533 mm
20 Narrow high-quality corundum belts 5 x 533 mm
6 Narrow SC fleece belts 9 x 533 mm
6 Narrow Trizact™ belts 9 x 533 mm
6 Narrow felt belts 9 x 533 mm
2 BRIGHTEX® microfibre cloths
1 BRIGHTEX® Softclean Powder
1 BRIGHTEX® Berry mini pre-polishing paste
1 BRIGHTEX® Sun mini post-polishing paste
1 BRILLIANCE CLEAN 50 ml
1 POWER CLEANER 50 ml
1 INOX PROTECT 50 ml



## The ideal supplement for these BAND-IT power files:

NEW




**BAND-IT 1100** p. 182

CAS CORDLESS ALLIANCE SYSTEM



**BAND-IT AKKU** p. 184

**SUITABLE FOR STEEL · STAINLESS STEEL**

# Zircon Belt



High-quality, flexible zirconium grinding belt with cooling agents **for removing material from weld seams; eliminating deep scratches, rust, and scale;** and performing coarse industrial finishing work. Prevents discolouration.

## Technical specifications Zircon belt suitable for ROHR MAX®, ROHR SNIPER®, GLADIUS® and TOPRAIL 1100 HT

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **40 x 780** | Zirconium cloth with highly active cooling agents | 10 | 40 | 38524 |
| | | | 60 | 38526 |
| | | | 80 | 38528 |
| | | | 120 | 38529 |

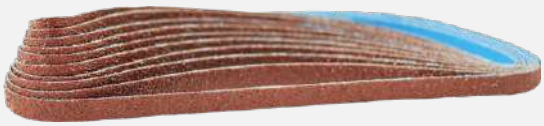
## Technical specifications Zircon belt suitable for ROHR MAX® AKKU

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **30 x 533** | Zirconium cloth with highly active cooling agents | 10 | 40 | 38074 |
| | | | 60 | 38076 |
| | | | 80 | 38078 |
| | | | 120 | 38079 |



SUITABLE FOR ALL METALS

# High-quality Corundum Grinding Belt



Elastically flexed high-quality corundum grinding belt for a variety of grinding work, such as coarse grinding, pre-grinding, smoothing, and removal of scale and rust, even on tight radii.

## Technical specifications High-quality corundum grinding belt suitable for BAND-IT 1100 and BAND-IT AKKU

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **9 x 533** | High-quality corundum | 10 | 40 | 49024 |
| | | | 60 | 49026 |
| | | | 80 | 49028 |
| | | | 120 | 49029 |
| **5 x 533** | High-quality corundum | 10 | 40 | 49504 |
| | | | 60 | 49506 |
| | | | 80 | 49508 |
| | | | 120 | 49509 |

ALL METALS





**SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS**

# SC Fleece Belts



Technical surface conditioning fleece belt for grinding, matt finishing, **satin finishing,** deburring, and **removing minor scratches** and oxide layers **on pipe constructions** and railings.

## Technical specifications SC fleece belt suitable for ROHR MAX®, ROHR SNIPER®, GLADIUS® and TOPRAIL 1100 HT

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **40 x 780** | SC nylon fleece with reinforcing fabric | 4 | 80 | brown | coarse | 38531 |
| | | | 180 | red | medium | 38532 |
| | | | 280 | blue | fine | 38533 |
| | | | 400 | grey | very fine | 38534 |

## Technical specifications SC fleece belt suitable for ROHR MAX® AKKU

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **30 x 533** | SC nylon fleece with reinforcing fabric | 4 | 80 | brown | coarse | 38081 |
| | | | 180 | red | medium | 38082 |
| | | | 280 | blue | fine | 38083 |

## Technical specifications SC fleece belt suitable for BAND-IT and BAND-IT AKKU

| Dimensions (mm) | Material | Pkg. unit | Grit (K) | Colour (fleece) | Grit (fleece) | Article number |
|---|---|---|---|---|---|---|
| **9 x 533** | SC nylon fleece with reinforcing fabric | 10 | 180 | red | medium | 49011s |
| | | | 280 | blue | fine | 49012s |






**SUITABLE FOR STEEL · STAINLESS STEEL**

# Trizact™ Belt

## Ideal for removing scratches and pre-polishing for mirror-finish polishing



New type of **abrasive cloth with pyramid-shaped grit structure and additional heat-insulating layer. Saves on several operating steps** and has high material removal with **very fine results while removing scratches and spot welds.** Ideal pre-polishing for subsequent mirror-finish polishing. Leaves very **minor surface roughness.**

### Technical specifications Trizact™ belt suitable for ROHR MAX®, ROHR SNIPER®, GLADIUS® and TOPRAIL 1100 HT

| Dimensions (mm) | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|
| **40 x 780** | 10 | A100 | 220 | 36 | 38544 |
| | | A65 | 280 | 40 | 38545 |
| | | A45 | 400 | 50 | 38546 |
| | | A30 | 600 | 60 | 38547 |
| | | A16 | 1200 | 80 | 38548 |

### Technical specifications Trizact™ belt suitable for ROHR MAX® AKKU

| Dimensions (mm) | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|
| **30 x 533** | 10 | A100 | 220 | 36 | 38085 |
| | | A65 | 280 | 40 | 38086 |
| | | A45 | 400 | 50 | 38087 |
| | | A30 | 600 | 60 | 38088 |
| | | A16 | 1200 | 80 | 38089 |

### Technical specifications Trizact™ belt suitable for BAND-IT and BAND-IT AKKU

| Dimensions (mm) | Pkg. unit | Grit (Trizact™) | Grit (K) | Material removal (like approx. K) | Article number |
|---|---|---|---|---|---|
| **9 x 533** | 10 | A100 | 220 | 36 | 49034 |
| | | A65 | 280 | 40 | 49035 |
| | | A45 | 400 | 50 | 49036 |
| | | A30 | 600 | 60 | 49037 |
| | | A16 | 1200 | 80 | 49038 |
| | | A06 | 2000 | 120 | 49039 |

STAHL STEEL EDELSTAHL STAINLESS



SUITABLE FOR ALL METALS

# BRIGHTEX® Polishing Belts

## Berry & Sun



**Polishing material that is already impregnated with BRIGHTEX® polishing paste** removes the time-consuming hassle of applying pastes and creams to give untreated metal a **shadow-free mirror finish. Can be used immediately** without additional pastes and creams!

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**
- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**
- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece! As necessary, the backing can be re-wetted with BRIGHTEX® pastes (see page 215).

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications BRIGHTEX® polishing belts suitable for ROHR MAX®, ROHR SNIPER®, GLADIUS® and TOPRAIL 1100 HT

| Version | Application | Dimensions (mm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **40 x 780** | 5 | 4 | 38551 |
| Sun (yellow) | Mirror-finish polishing | **40 x 780** | 5 | 4 | 38552 |

### Technical specifications BRIGHTEX® polishing belts suitable for ROHR MAX® AKKU

| Version | Application | Dimensions (mm) | Material thickness (mm) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| Berry (pink) | High-gloss polishing | **30 x 533** | 5 | 4 | 38091 |
| Sun (yellow) | Mirror-finish polishing | **30 x 533** | 5 | 4 | 38092 |

PROTECTION OF UTILITY MODELS

ALL METALS



SUITABLE FOR ALL METALS

# SuperPolish Belt

## Revolutionary special fleece



Used with polishing pastes and creams for a **shiny mirror finish** on stainless steel and non-ferrous metals which leaves **no smears or shadows.**
Polishing pastes and cream see pages 215 and 218.
**Please note:** Always use a separate sleeve for each paste and cream – it is important not to mix different grit sizes.

### Technical specifications SuperPolish belt suitable for ROHR MAX®, ROHR SNIPER®, GLADIUS® and TOPRAIL 1100 HT

| Dimensions (mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **40 x 780** | 5 | Polishing fleece | 4 | 38550 |

### Technical specifications SuperPolish belt suitable for ROHR MAX® AKKU

| Dimensions (mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **30 x 533** | 5 | Polishing fleece | 4 | 38090 |

ALL METALS



SUITABLE FOR ALUMINUM · NON-FERROUS METALS · HARD PLASTICS

# Felt Belt

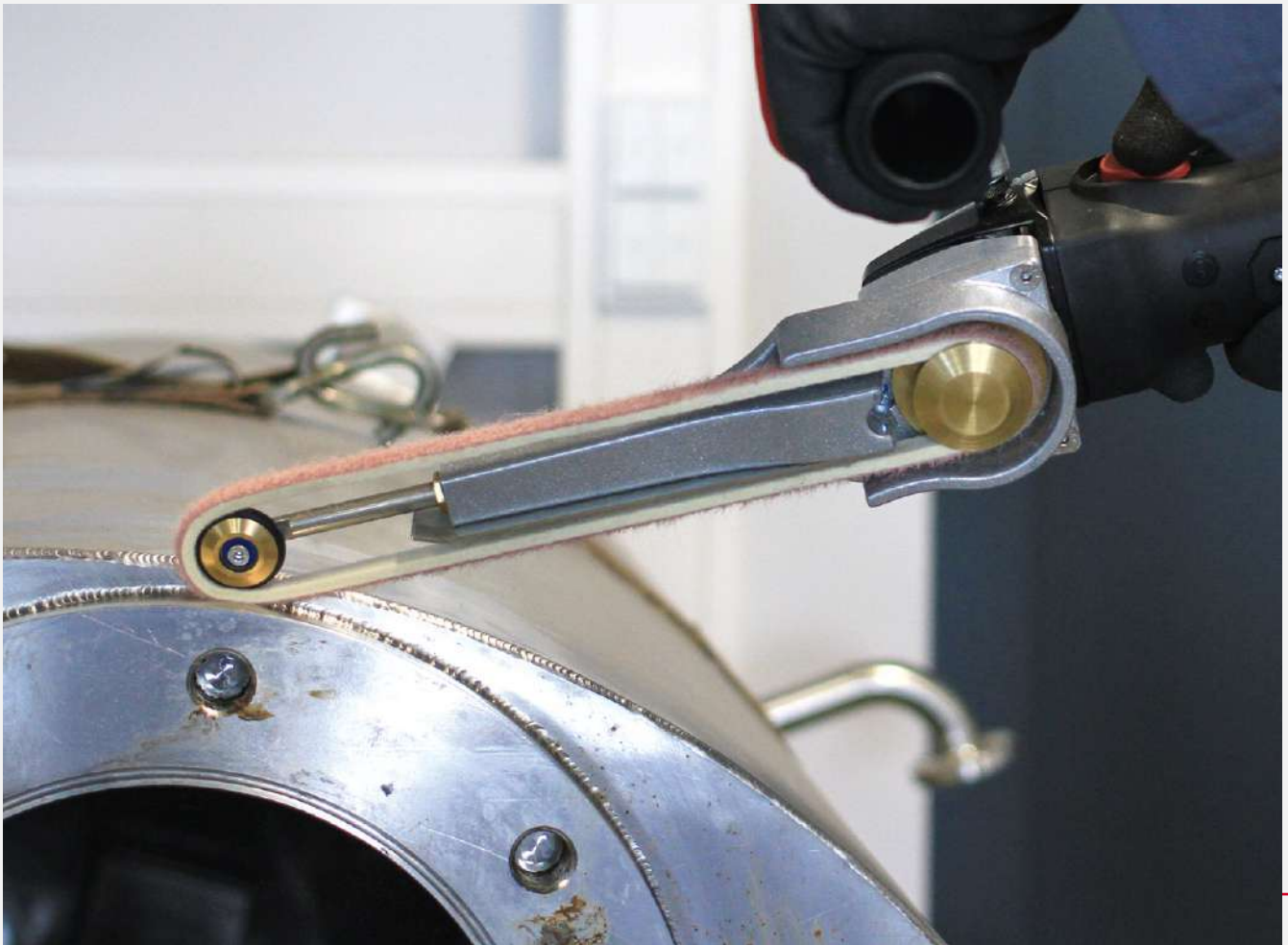


Closed Merino felt belts for tasks from **main polishing to mirror finishing of stainless steel and non-ferrous metals.**
Polishing pastes and cream see pages 215 and 218.
**Please note:** Do not use different pastes or creams on the same felt belt.

## Technical specifications felt belt suitable for BAND-IT and BAND-IT AKKU

| Dimensions (mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **9 x 533** | 5 | Merino felt | 10 | 49015 |



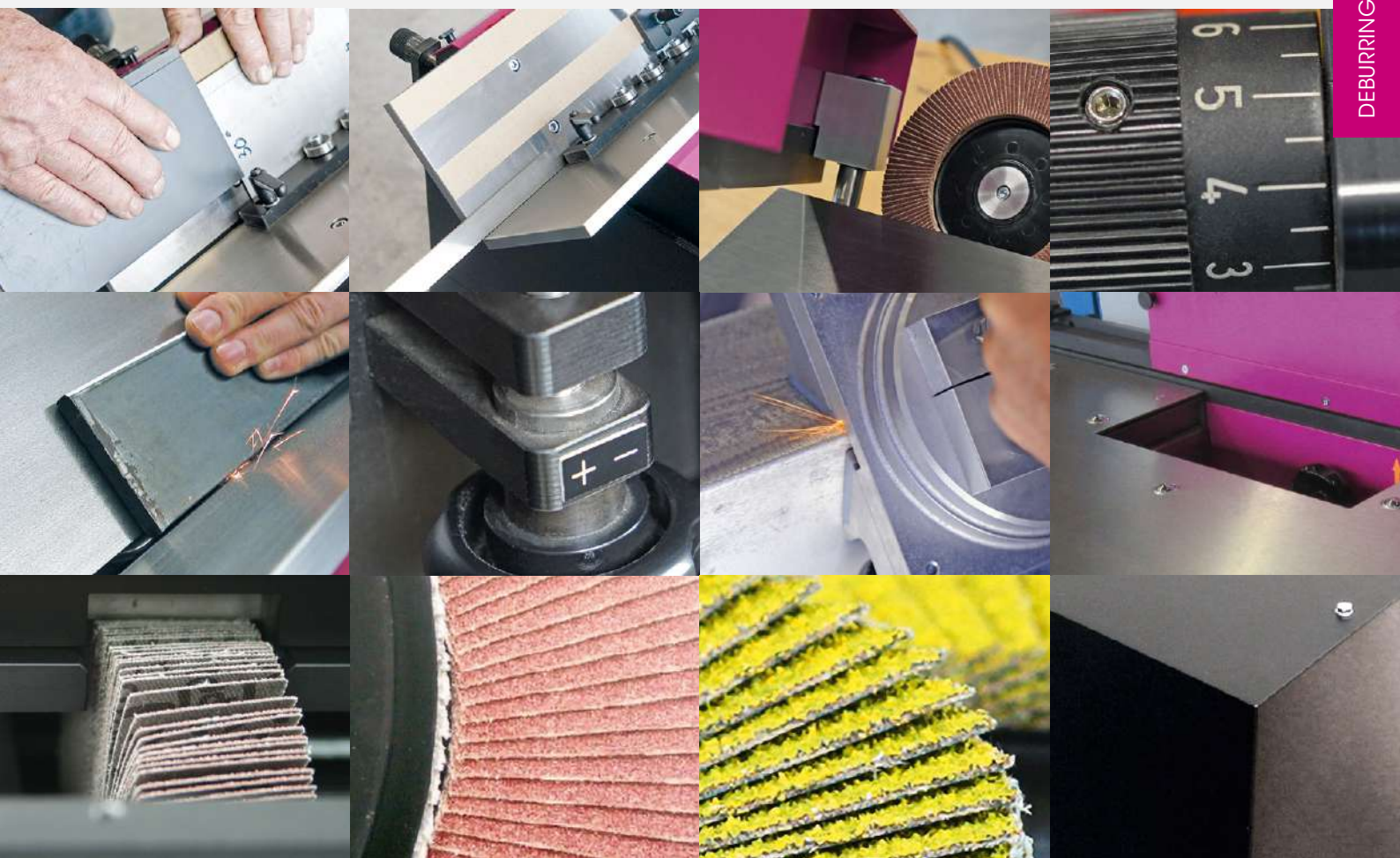


# DEBURRING AND BEVELLING


**ROLEI DEBURRING AND BEVELLING DEVICES . . 202**

**NEW** ROLEI EF 115 PROFESSIONAL . . . . . 202
ROLEI EF 165 . . . . . 204
ROLEI PEF 500 . . . . . 206
ROLEI BE 5 sheet metal deburring machine . . . . . 208
Accessories . . . . . 210



SUITABLE FOR DEBURRING AND BEVELLING

NEW

# ROLEI EF 115 PROFESSIONAL

## Manual deburring and bevelling tool

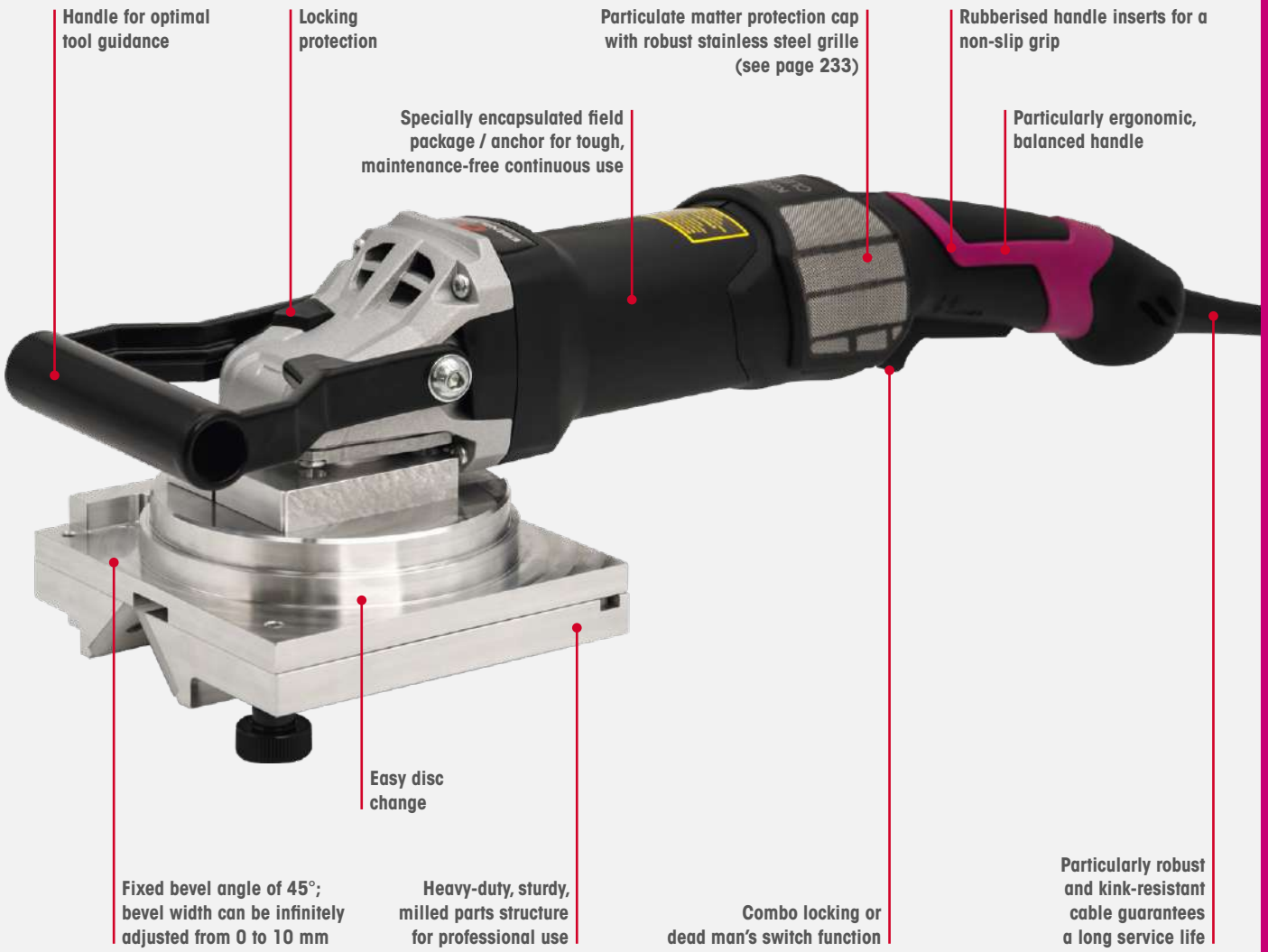



The **practical deburring tool** for cumbersome, large, heavy components such as machine tables, frame constructions, and large metal panels. **Easy to handle** with good edge control. The ROLEI EF 115 is also ideal for weld chamfering. Fixed bevel angle of 45°; **bevel width can be infinitely adjusted** from 0 to 10 mm. Now with a rubberised handle for excellent control! The handy ROLEI EF 115 can easily de-burr and bevel large, heavy components. Precision edge guidance guarantees **chamfers at 45° with no counter-burr.**

### Benefits at a glance

- **Extremely powerful motor for continuous use.**
- Particularly **sturdy, wear-resistant, milled parts.**
- **Quick adjustment of bevel width from 0 to 10 mm.**
- **45° faceting angle.**
- **Balanced handle** reduces strain on the user.
- Quick, **uncomplicated disc change.**
- Various tool grit grades (coarse to fine) can be delivered.
- **Ideal for chamfering welds. Also suitable for wide weld bevels.**






## Technical specifications ROLEI EF 115 PROFESSIONAL basic device

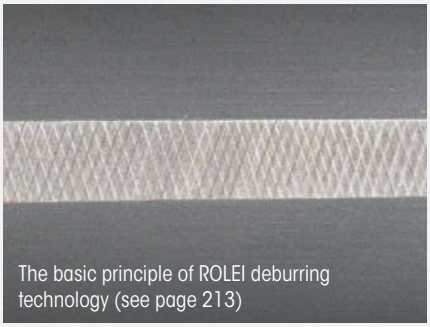
| Plug type | Cable type | Mains connection (V ~ Hz) | Power (W) | Speed (rpm) | Bevel angle | Bevel width (mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50-60 | 1,750 | 2,400 – 8,900 | 45° | 0 – 10 | 3.9 | 1 | 30150 |

**Scope of delivery:**

1 ROLEI EF 115 PROFESSIONAL basic device
1 Robust, impact-resistant plastic case
1 Particulate matter protection cap
1 Clamping nut
1 Chuck key
1 Deburring flap disc

**Replacement disc for ROLEI EF 115 PROFESSIONAL:** ZIRCOTEX® Nylon Plan (see page 54)





The basic principle of ROLEI deburring technology (see page 213)

SUITABLE FOR DEBURRING AND BEVELLING

# ROLEI EF 165

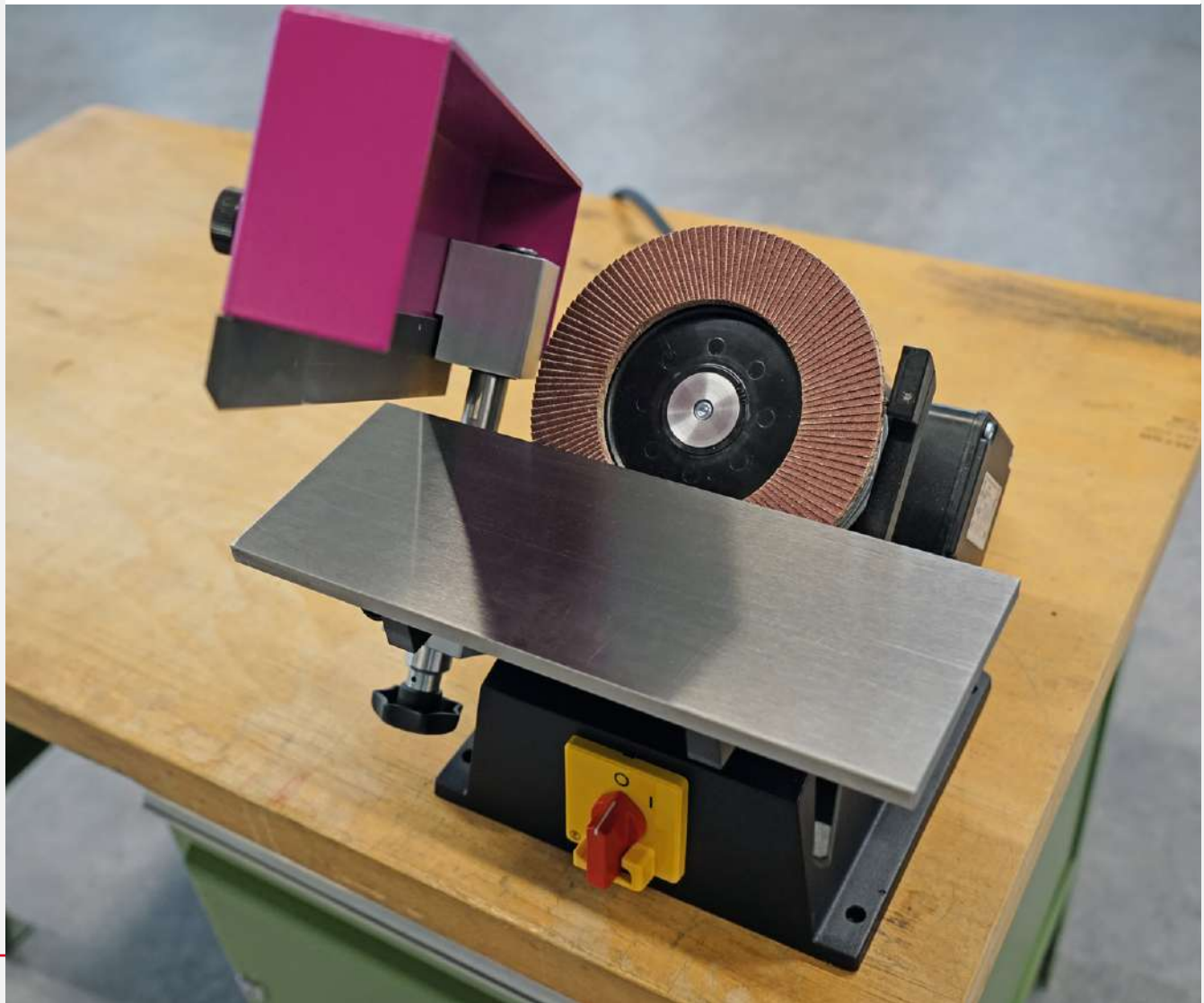
## for bevels of 45°

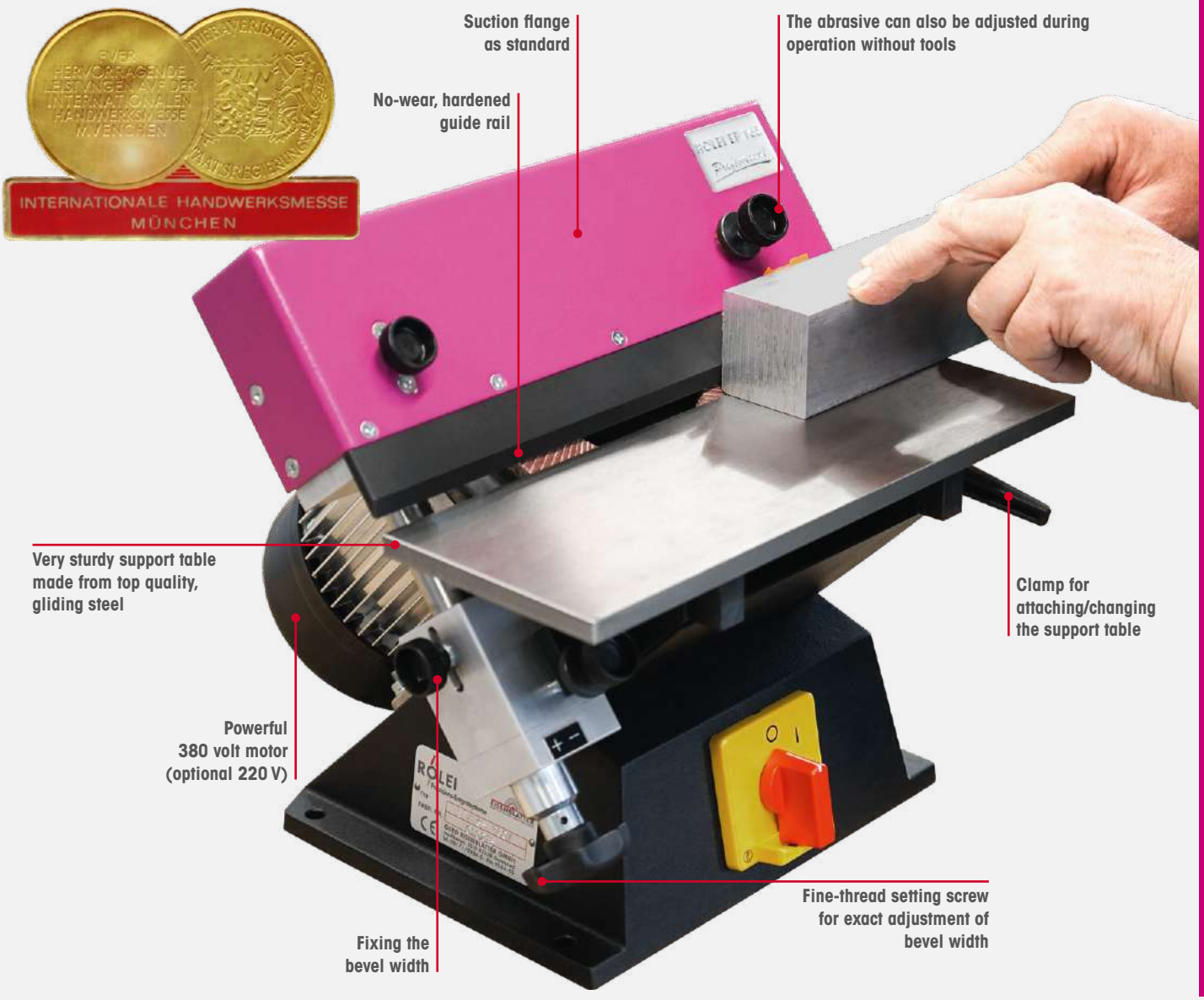
Bevelling and deburring machine with fixed bevel angle and infinitely adjustable bevel width for all metals from stainless steel to aluminium. A hand wheel provides infinite, precise bevel width setting. Eisenblätter was awarded the Bavarian State Prize for its deburring machine at the Internationale Handwerksmesse show in Munich.



### Benefits at a glance

- **Simple, safe operation.**
- **Low-cost replacement grinding disc** with an extremely long service life (one disc can often be used for months).
- Bevelling of work-pieces of 2.5 mm or more in thickness.
- **Suction flange for industrial extractors supplied as standard (internal diameter 35 mm).**
- **Winner of the Bavarian State Prize.**






## Technical specifications ROLEI EF 165 basic device

| Dimensions (mm) | Plug type | Mains connection (V ~ Hz) | Speed (rpm) | Bevel angle | Bevel width (mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| **360 x 320 x 300** | 3-phase | 380 ~ 50 | 2,800 | 45° | 0 – 10 | 18 | 1 | 30100 |
| **360 x 320 x 300** | EU (C+F) | 220 – 240 ~ 50-60 | 2,800 | 45° | 0 – 10 | 18 | 1 | 30101 |

**Scope of delivery:**
1 ROLEI EF 165 basic device
1 ROLEI special flap disc

**Replacement disc for ROLEI EF 165:**
ROLEI special flap disc, page 211



**Suitable for all metals:**
ROLEI HellFire® special flap disc, page 211





SUITABLE FOR DEBURRING AND BEVELLING

# ROLEI PEF 500

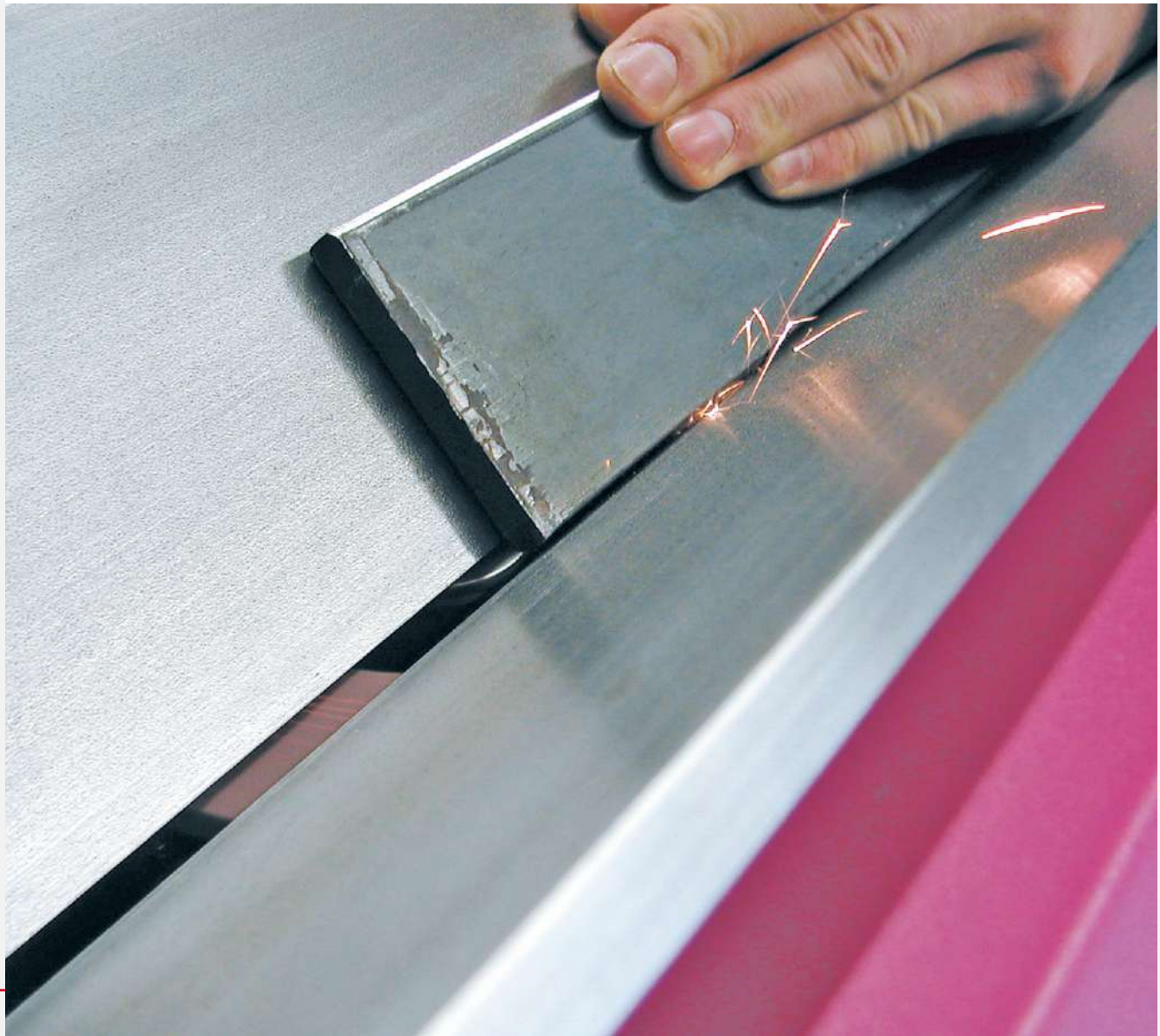
## for facets of 30° – 45° – 60°



Very **sturdy, highly precise deburring and bevelling tool** for all metals from stainless steel to aluminium. **Bevel angle can be set and bevel width is infinitely adjustable** (precision setting by means of knurled division). The bevel width can be adjusted precisely using a hand wheel. Parts are bevelled in **perfect cross-hatched grinding with absolutely no counter-burr.** Disc wear is adjusted with a hand wheel via a threaded spindle. The bevel angle is adjusted using a motorised system on the angled guide.

### Benefits at a glance

- **Simple, safe operation.**
- **Low-cost replacement grinding disc** with an extremely long service life (one disc can often be used for months).
- **Suction flange for industrial extractors supplied as standard (internal diameter 35 mm).**
- Bevelling of work-pieces of 2.5 mm or more in thickness.






## Technical specifications ROLEI PEF 500 basic device

| Dimensions (mm) | Plug type | Mains connection (V ~ Hz) | Speed (rpm) | Bevel angle | Bevel width (mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| **500 x 350 x 350** | 3-phase | 380 ~ 50 | 2,800 | 30° – 45° – 60° | 0 – 10 | 45 | 1 | 30200 |
| **500 x 350 x 350** | EU (C+F) | 220 – 240 ~ 50-60 | 2,800 | 30° – 45° – 60° | 0 – 10 | 45 | 1 | 30201 |

**Scope of delivery:**
1 ROLEI PEF 500 basic device
1 ROLEI special flap disc

**Replacement disc for ROLEI EF 165:**
ROLEI special flap disc, page 211



**Suitable for all metals:**
ROLEI HellFire® special flap disc, page 211



**Optional:**
**Machine stand for comfortable working while standing,**
see page 230





**SUITABLE FOR DEBURRING SHEET METAL PARTS**

# ROLEI BE 5

## Sheet metal deburring machine

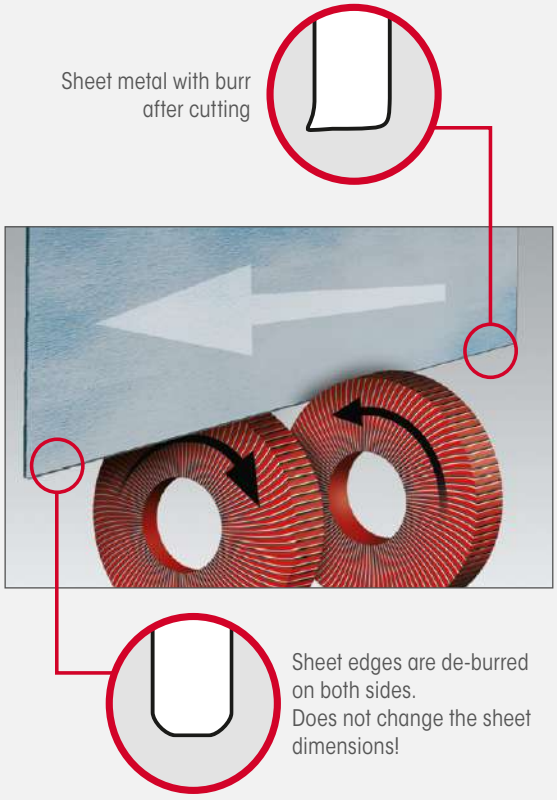
The ideal workbench or free-standing tool for quick deburring of all metals (including stainless steel) on both sides up to approx. 5 mm of sheet thickness in one operation.
**Please note:** To prevent damage to the ROLEI BE 5 transmission system, use only original ROLEI flap wheels with 100% cotton fabric, see page 212.

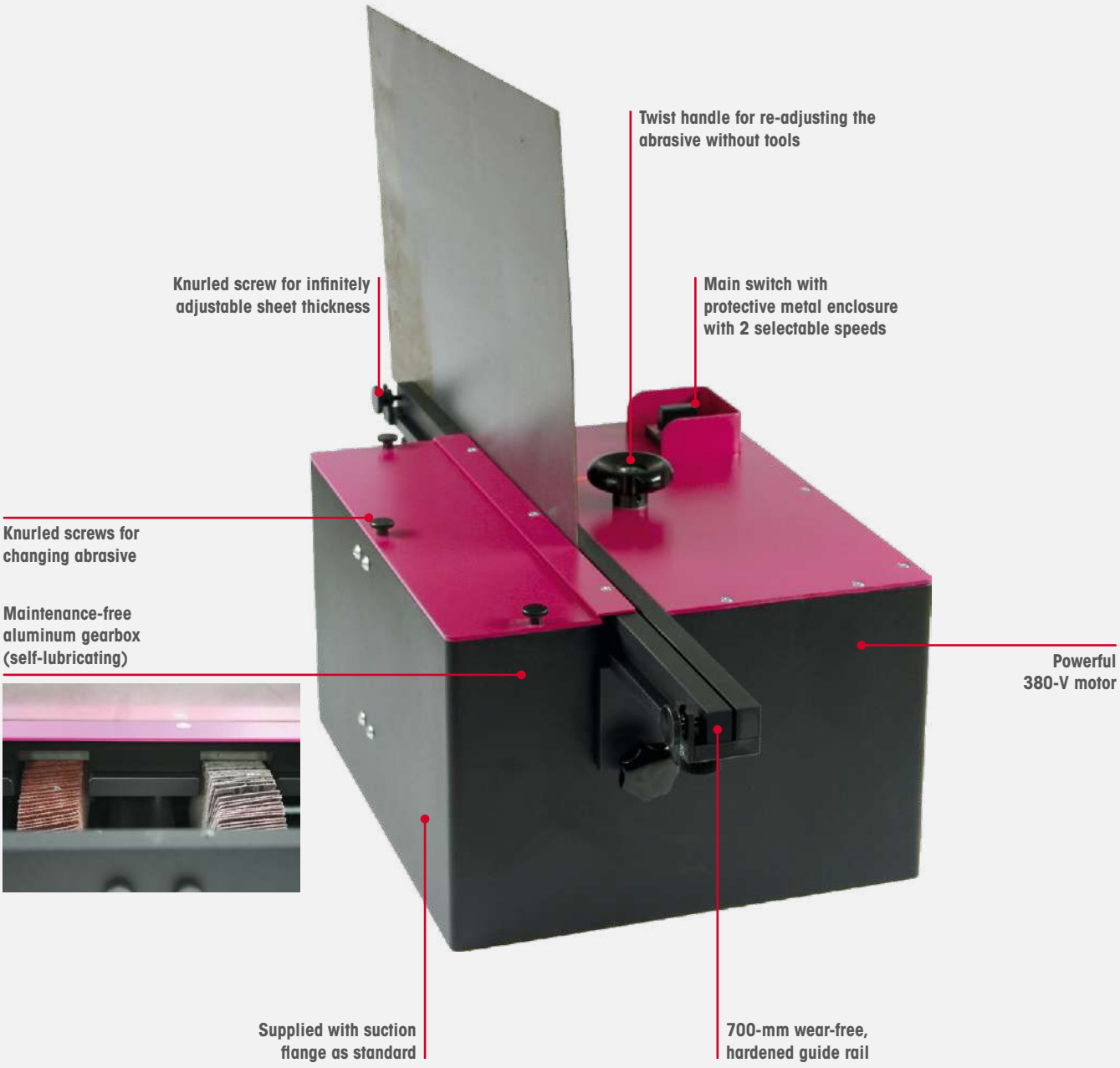
### Benefits at a glance

- **Simple, safe operation** without prior familiarity.
- **2 speeds** available (600 and 1,200 rpm).
- **Powerful 380-volt three-phase motor for continuous operation.**
- **Sturdy aluminium transmission** with spindle mounts for replacement tools.
- **1 set (2 units) of flap wheels deburrs about 2000 m of sheet stainless steel.**
- Replacement tools are easy to change.
- **Suction flange for industrial extractors** supplied as standard (internal Ø 35 mm).
- Wear-free, hardened guide rail (infinitely adjustable).



ROLEI BE 5 deburring tool can also be used on its side with a roller table for larger sections of sheet metal, for instance.





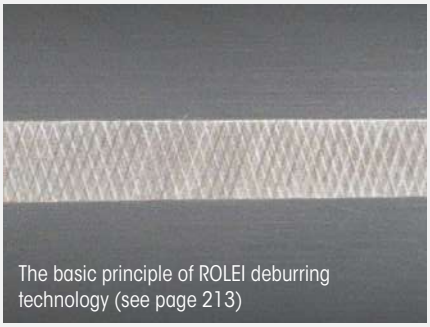

## Technical specifications ROLEI BE 5 basic device

| Dimensions (mm) | Plug type | Mains connection (V ~ Hz) | Power (W) | Speed (rpm) | Sheet metal thickness (working mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|---|---|
| **700 x 325 x 200** | 3-phase | 380 ~ 50 | 750 | Setting 1: Fine deburring 600<br>Setting 2: Standard deburring 1,200 | 0 – 5 | 29 | 1 | 30310 |

**Scope of delivery:**
1 ROLEI PEF 500 basic device
2 ROLEI BE 5 flap wheels

**Replacement wheel for ROLEI BE 5:**
ROLEI BE 5 flap wheel (see page 212)




The basic principle of ROLEI deburring technology (see page 213)

**Optional:**
**Machine stand for comfortable working while standing,**
see page 230



SUITABLE FOR ROLEI EF 165

# Extended Support Table



Made from gliding steel (1.2842).

### Technical specifications

| Dimensions (mm) | Pkg. unit | Article number |
|---|---|---|
| **120 x 700** | 1 | 30110 |
| Other dimensions available on request. | | |

ACCESSORIES

SUITABLE FOR ROLEI EF 165 · ROLEI PEF 500 · ROLEI BE 5

# Teflon Strips

## self-adhesive



For the guide rail. To protect against scratches on the work-piece/sheets!

### Technical specifications

| Dimensions (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|
| **20 x 700** | Teflon | 10 | 30341 |

ACCESSORIES

SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS

# ROLEI Special Flap Disc



The flap disc with **especially hard compression for deburring machines.** Self-sharpening with an extremely long service life!
**Important:** Conventional flap discs are not suitable for deburring machines due to springback.

## Technical specifications

| Dimensions (mm) | Can be used with | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **170 x 22** | ROLEI EF 165, ROLEI PEF 500 | 1 | 50 | 36050 |
| | | | 60 | 36060 |
| | | | 80 | 36080 |
| | | | 120 | 36120 |

**Choosing the right grit/disc:**
Stainless steel, steel . . . . . K50/K60
Aluminum, copper, brass. . . . . K80/K120
Hard plastics. . . . . K120

STAHL STEEL · EDELSTAHL STAINLESS · BUNTMETALLE NF METALS

SUITABLE FOR ALL METALS

# ROLEI HellFire® Special Flap Disc

## Ceramic hybrid: 1 disc + 1 grit for all metals



Ceramic hybrid disc with hard compression for **particularly high rate of metal removal** in one operation. Suitable for larger bevel widths due to high disc aggressivity. **Coarse to medium application; grinds all metals** from steel to stainless steel to titanium to non-ferrous metals.
**Important:** Conventional flap discs are not suitable for deburring machines due to springback.

## Technical specifications

| Dimensions (mm) | Can be used with | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **170 x 22** | ROLEI EF 165, ROLEI PEF 500 | 1 | Multigrain 40/60 | 36046 |

**Choosing the right grit/disc:**
All metals . . . . . .Multigrain 40/60

ALL METALS

SUITABLE FOR ALL METALS

# ROLEI BE 5 Flap Wheel



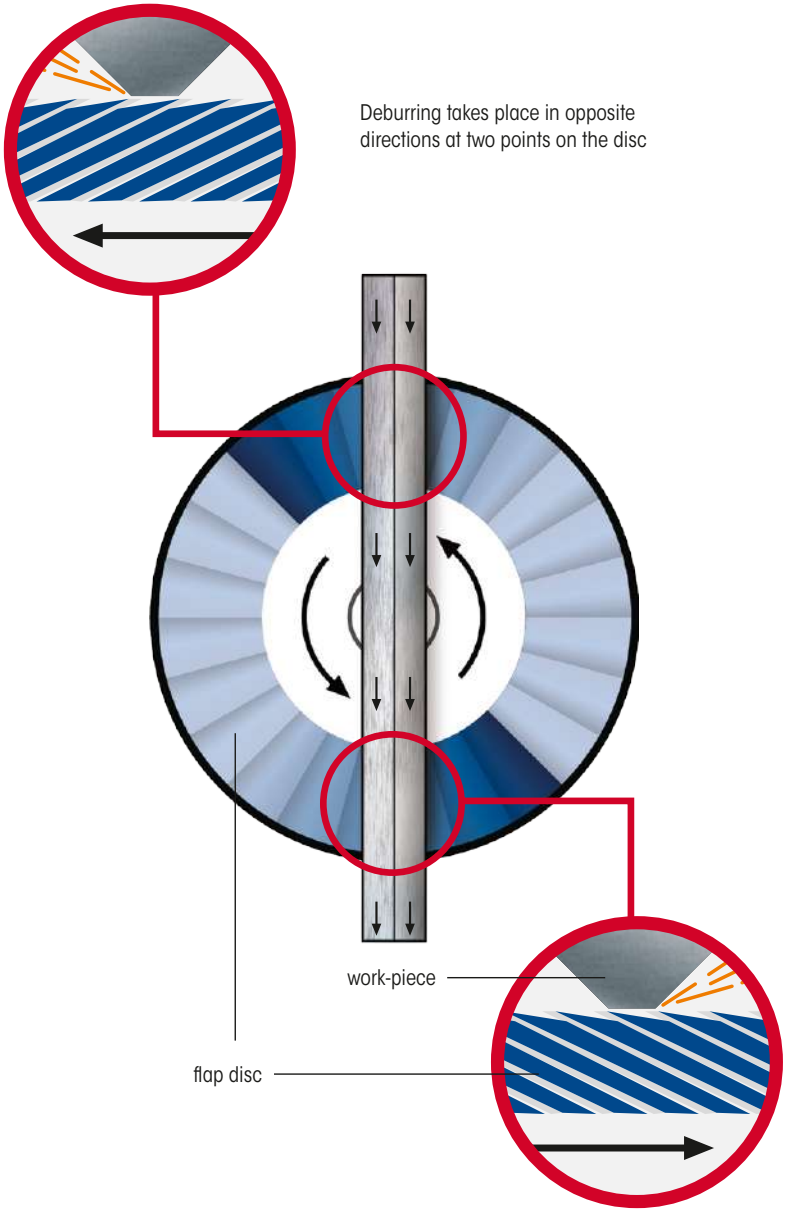
Replacement grinding flap wheels, 100% cotton quality, for great deburring.
Cotton design ensures that the wheel can be used for a particularly wide range of applications and ideal employment of grinding tools.
**Please note:** To prevent damage to the ROLEI BE 5 transmission system, use only original ROLEI flap wheels with 100% cotton fabric.

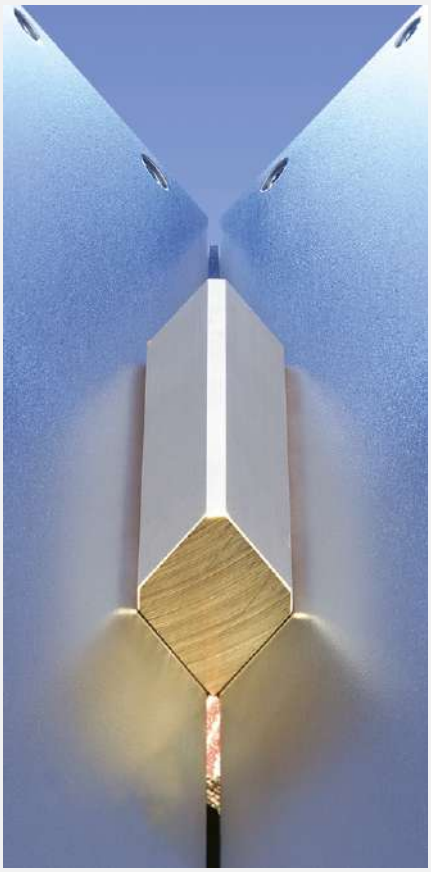
## Technical specifications

| Dimensions (mm) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|
| **165 x 30** | 2 | 40 | 37040 |
| | | 60 | 37060 |
| | | 80 | 37080 |
| | | 120 | 37120 |

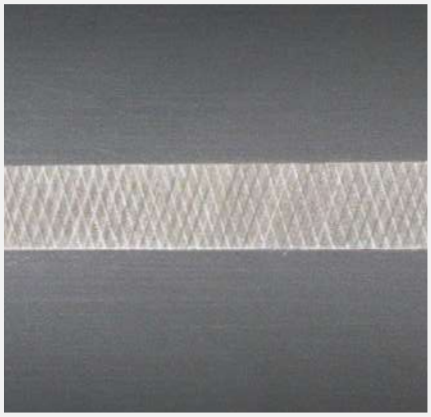
ALL METALS

# The basic principle of ROLEI deburring technology







**Basic principle:**
Grinding instead of milling saves a considerable amount of time and tool costs. Perfect cross-grinding in one operation guarantees edges with no counter-burr or chatter marks.
All metals, including stainless steel, can be worked with this flexible deburring tool. ROLEI deburring and bevelling machines work with flat flap discs (the BE 5 sheet metal deburring machine with flap wheels). The grinding tools are "self-sharpening" and have an extremely long service life.
The machines are easy and safe to operate and the grinding tools can be changed quickly and easily.

# CARE PRODUCTS


**BRIGHTEX® POLISHING SYSTEM . . . . . 215**
BRIGHTEX® high-performance polishing pastes . . . 215
BRIGHTEX® Softclean Powder . . . . . 216
BRIGHTEX® microfibre cloth . . . . . 216

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SUITABLE FOR ALL METALS

# BRIGHTEX® High-Performance Polishing Pastes

## The fastest way to a mirror finish




**For the first time, the pre-polishing and main polishing steps can be completed with just one paste (BRIGHTEX® Berry)!** This has been made possible by a completely new formulation. For instance, stainless steel can be polished to a mirror finish in only a few moments. **This saves several working steps. The yellow BRIGHTEX® Sun paste creates an even brighter high gloss shine –** almost as if it's chrome plated. Both pastes can be used on SuperPolish discs and belts and on felt discs, belts, and sleeves. The pastes are applied to the polishing disc, belt, or sleeve while it is running at a low speed so that it is completely covered. This process can be repeated several times. The pastes can also be used for the new BRIGHTEX® polishing system (pre-impregnated polishing discs, belts, and sleeves) to "top up" the polishing fleeces as required.

### Benefits at a glance

**Step 1: BRIGHTEX® Berry (pre-polishing):**

- **For applying a rapid high-gloss polish to all metals.**
- **Pre-polish and main polish in one – save on additional operations.**

**Step 2: BRIGHTEX® Sun (main polish):**

- **A mirror finish that's almost like chrome plating – perfect finish.**
- For a final high-gloss shine on polished metals.
- For removing any residual clouding and smears from all metals.

**Please note:**
After changing pastes, always remove the polish residue from the work-piece!

- **For reconditioning high-gloss surfaces which have been polished mechanically.**
- **Ideal for use with polishing machines and hand-held polishing tools.**
- For the best results, use **Eisenblätter care and cleaning products** for removing polish residues (see BRIGHTEX® Softclean Powder page 216, POWER CLEANER page 219).
- Completely new **high-tech paste formulation** for metals.
- For immediate use without additional pastes and creams!

### Technical specifications

| Item | Contents (g) | Application | Pkg. unit | Article number |
|---|---|---|---|---|
| BRIGHTEX® Berry pre- and main polish (pink) | approx. 1,100 | High-gloss polishing | 1 | 40025 |
| BRIGHTEX® Berry mini paste (pink) | approx. 140 | High-gloss polishing | 1 | 40025m |
| BRIGHTEX® Sun post-polishing paste (yellow) | approx. 1,000 | Mirror-finish polishing | 1 | 40026 |
| BRIGHTEX® Sun mini paste (yellow) | approx. 140 | Mirror-finish polishing | 1 | 40026m |

ALL METALS

SUITABLE FOR ALL METALS

# BRIGHTEX® Softclean Powder




**A new, much improved cleaning powder** removes all cream and paste residue after every polish, giving all metals a polished, completely scratch-free shine.
Simply apply a little using the shaker, as you would powdered sugar, and wipe it off with a **clean microfibre cloth** without applying any pressure. The powder consists of **ultra-fine micro-particles** with a large surface area for the **best possible absorbency.**

## Technical specifications

| Packaging | Contents (g) | Pkg. unit | Article number |
|---|---|---|---|
| Plastic can | approx. 1,000 | 1 | 40028 |
| Aluminum shaker | approx. 200 | 1 | 40029 |

SUITABLE FOR ALL MATERIALS

# BRIGHTEX® Microfibre Cloth



Much improved, **ultra-soft microfibre cloth,** free of seams for completely **scratch-free cleaning of stainless steel surfaces** and other **decorative metals.** Particularly soft and absorbent. Can be washed repeatedly.

## Technical specifications

| Dimensions (mm) | Quality | Pkg. unit | Article number |
|---|---|---|---|
| **400 x 400** | 360 g/m² | 5 | 40031 |



SUITABLE FOR ALL METALS

# Polishing Pastes Classic




Mirror-finish polishing for all metals (including aluminium).
**White for pre-polishing, blue for final polish.**

## Technical specifications

| Item | Contents (g) | Pkg. unit | Article number |
|---|---|---|---|
| Pre-polishing paste (white) | approx. 650 | 1 | 40013 |
| Polishing paste (blue) | approx. 650 | 1 | 40014 |
| Mini pastes (white and blue) | approx. 120 (60 each) | 1 | 40009 |

ALL METALS

SUITABLE FOR ALL METALS

# Pink Polishing Cream




For final polishing, with Classic polishing pastes, for example, it produces a flawless mirror finish on all metals when applied with SuperPolish, felt, and polishing rings. Brings a quick shine – also suitable for manual application with polishing cloths. Ideal for moulded parts as well.

## Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Can | approx. 1,000 g | 1 | 40015 |
| Mini-tube | approx. 60 ml | 1 | 40015t |

ALL METALS






SUITABLE FOR ALL METALS

# POWER CLEANER

## Universal cleaner in its most environmentally-friendly form

Clean and preserve – especially for the removal of grease-based polish residue (BRIGHTEX® pastes).




### Benefits at a glance

- **Water-based** for removing mineral soiling.
- Removes oil, grease and polish/paste residue from metal surfaces.
- Removes cement and adhesive residue and lime film.
- **Universally applicable.**
- **No labels according to the CLP and REACH Regulation, free of VOC.**
- **Solvent-free application.**

### Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Spray bottle | 50 ml | 1 | 40057 |
| | 500 ml | 4 | 40055 |
| Canister (incl. spray bottle) | 5 litres | 1 | 40056 |
| Larger quantities on request. | | | |



SUITABLE FOR ALL METALS · PAINTED SURFACES · HARD PLASTICS · WOOD · GLASS · ACRYLIC

# BRILLIANCE CLEAN

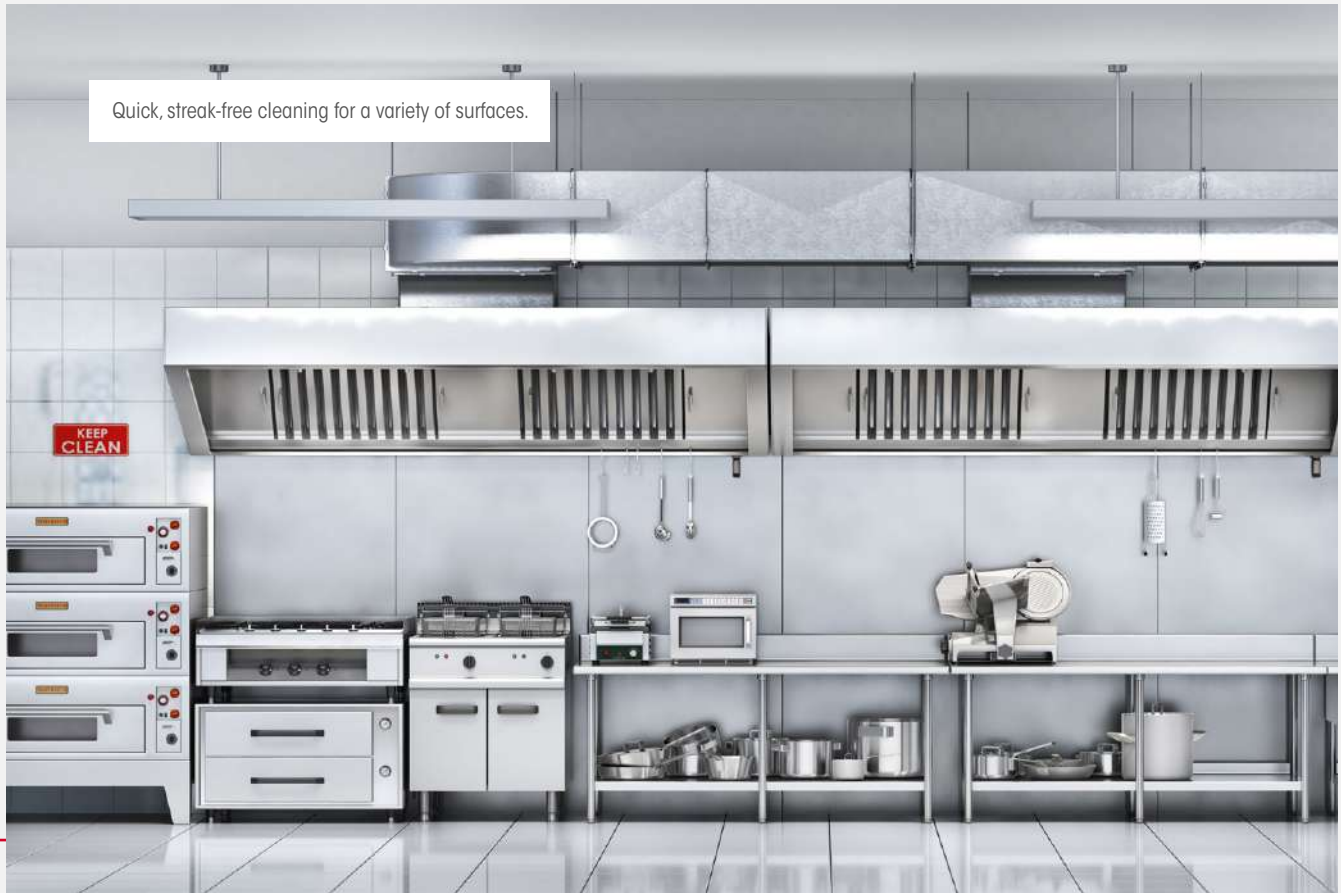
## Streak-free cleaning of ground and unground metal surfaces




**Quickly removes all kinds of minor contaminants** from all metals, including stainless steel, aluminium, copper, and brass, but also glass, wood, hard plastics, and much more. **Evaporates quickly,** leaving all surfaces **free of streaks and residue.** Particularly suited to stainless steel surfaces. Can also be used for any other cleaning jobs, even around the house. It is the quickest and most effective solution. BRILLIANCE CLEAN is **completely environmentally friendly and non-toxic.**
Try it once and you won't want to be without this time-saving cleaning aid ever again!
No more water cleaning!

### Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Spray bottle | 50 ml | 1 | 40050m |
| | 500 ml | 4 | 40050 |
| Canister (incl. spray bottle) | 5 litres | 1 | 40051 |
| Larger quantities on request. | | | |




Quick, streak-free cleaning for a variety of surfaces.

SUITABLE FOR ALL METALS INDOORS

# INOX PROTECT (hard wax, dry)

## 2 functions in one! Clean + Seal




**The smartest way to protect and optically upgrade stainless steel – an absolute necessity for all stainless steel surfaces!**

**Quickly cleans and provides long-term protection from fingerprints and stains for decorative surfaces,** giving them a transparent, protective layer of hard wax. Ideal for visible stainless steel surfaces of all kinds, kitchen panelling, ground stainless steel lift walls, railings, rods, pipes, stainless steel tables, and much more. Can also be used for all other metals. Spray it onto parts and distribute it by rubbing with a microfibre cloth; after a few seconds, polish with a second dry microfibre cloth. **All parts will look completely new** and can simply be re-polished dry at any time until the agent is re-applied.

### Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Spray bottle | 50 ml | 1 | 40040m |
| | 500 ml | 4 | 40040 |
| Canister (incl. spray bottle) | 5 litres | 1 | 40041 |
| Larger quantities on request. | | | |


Quick cleaning and sealing.



SUITABLE FOR STAINLESS STEEL · NON-FERROUS METALS INDOORS AND OUTDOORS

# POLY SCHUTZ (oil film)

## Cleaning and preserving




Ideal for **decorative outdoor stainless steel surfaces** such as stainless steel doors, facades, railings, fountains, figures, artworks, large kitchens, and the hotel industry. Practical spray bottle for ideal dosing and effective application (can be refilled). For cleaning and preserving ground and polished surfaces. Finger smudges, water spots, and shadows remain invisible for a long time. For outdoors and the food sector **(food-grade).**

### Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Spray bottle | 50 ml | 1 | 40011m |
| | 500 ml | 4 | 40011 |
| Canister (incl. spray bottle) | 5 litres | 1 | 40012 |
| Larger quantities on request. | | | |



Protect from water spots in the outdoor area for a long time.

SUITABLE FOR ALUMINUM

# KANGAROO ALU-FIX Oil

## Special oil for machining aluminum

This unique **special oil for machining aluminum prevents flap discs from smearing and increases service life and performance by up to 300%.** Simply spray the agent onto the work-piece before grinding and grind as normal!




### Technical specifications

| Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|
| Spray bottle | 50ml | 1 | 40010m |
| | 500 ml | 4 | 40010 |
| Canister (incl. spray bottle) | 5 litres | 1 | 40010k |
| Larger quantities on request. | | | |



SUITABLE FOR INDOOR USE

# Indoor Care Test Set

## Pore-deep cleaning and long-term protection for indoor metals




The environmentally friendly **POWER CLEANER** removes even stubborn contamination such as cement and adhesive residue and lime film and, immediately after polishing, polishing paste and cream residue. **BRILLIANCE CLEAN** removes minor contamination, completely streak-free and without residue. For final surface sealing, **INOX PROTECT** is applied to form a transparent hard wax layer that provides long-term protection from fingerprints and spots to such metal surfaces as stair railings, lifts, and doorbell panels. **Test it yourself!**

### Technical specifications

| Application | Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|---|
| Indoors | Spray bottles | 3 x 50 ml | 1 | 40060 |

SUITABLE FOR INDOOR AND OUTDOOR USE

# Outdoor Care Test Set

## Pore-deep cleaning and long-term protection for indoor and outdoor metals




The environmentally friendly **POWER CLEANER** removes even stubborn contamination such as cement and adhesive residue and lime film and, immediately after polishing, polishing paste and cream residue. **BRILLIANCE CLEAN** removes minor contamination, completely streak-free and without residue. To preserve ground and polished surfaces, apply a thin film of **POLY SCHUTZ** when work is finished. This makes finger smudges, water spots, and shadows remain invisible for a long time. POLY SCHUTZ is also food-grade and is ideal for use in large kitchens and hotels for such items as railings, facades, and artwork. **Test it yourself!**

### Technical specifications

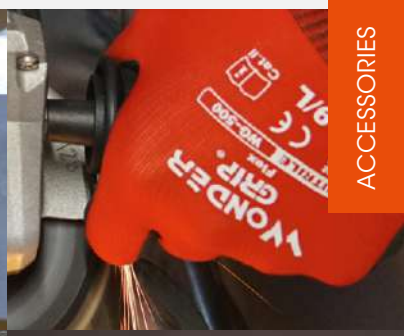
| Application | Packaging | Contents | Pkg. unit | Article number |
|---|---|---|---|---|
| Outdoors | Spray bottles | 3 x 50 ml | 1 | 40061 |

# ACCESSORIES

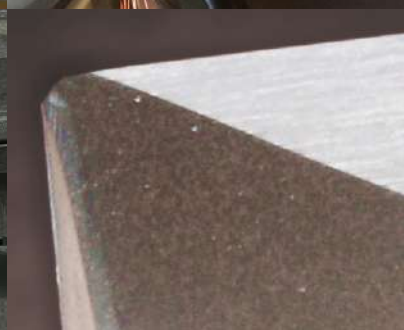

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SUITABLE FOR POWER TOOLS AND ACCESSORIES

# Basic Carry Case

## for mobile use

Sturdy, heavy-duty plastic design for use on site.



### Technical specifications

| Interior dimensions (L x W x H mm) | Exterior dimensions (L x W x H mm) | Can be used with | Pkg. unit | Article number |
|---|---|---|---|---|
| 495 x 230 x 205 | 500 x 250 x 240 | POLY-PTX®, VARILEX®, MINI MAX®, ROHR FIX®, ROLEI EF 115, TOPRAIL 1100 HT | 1 | 40008 |
| 400 x 190 x 180 | 415 x 215 x 200 | VARILEX® 1100 | 1 | 40008b |

SUITABLE FOR POWER TOOLS AND ACCESSORIES

# Professional Carrying Case

## Extremely stable

Extremely stable carrying case (survival case) for ideal protection for your grinding machine and tools.



### Benefits at a glance

- **Dust-proof and splash-proof according to the IP67 standard.**
- For the **temperature range between -30 °C and 90 °C.**
- With **pyramid foam inserts** for especially good machine protection.
- Two stable, **folding handles** for upright or longitudinal carrying.
- With **automatic pressure compensation valve** for air transport.
- Especially high quality – made in the EU.

### Technical specifications

| Interior dimensions (L x W x H mm) | Exterior dimensions (L x W x H mm) | Can be used with | Pkg. unit | Article number |
|---|---|---|---|---|
| 520 x 290 x 200 | 574 x 361 x 225 | POLY-PTX®, VARILEX®, VARILEX® POLISHER, MINI MAX®, TOPRAIL 1100 HT, ROLEI EF 115 | 1 | 50103 |

SUITABLE FOR POWER TOOLS AND ACCESSORIES

# Professional Carrying Case

## for pipe grinders



Extremely stable carrying case (survival case) for ideal protection for your pipe grinder and tools.

### Benefits at a glance

- **Dust-proof and splash-proof according to the IP67 standard.**
- For the **temperature range between -30 °C and 90 °C.**
- With **pyramid foam inserts** for especially good machine protection.
- Two stable, **folding handles** for upright or longitudinal carrying.
- With **automatic pressure compensation valve** for air transport.
- Especially high quality – made in the EU.

### Technical specifications

| Interior dimensions (L x W x H mm) | Exterior dimensions (L x W x H mm) | Can be used with | Pkg. unit | Article number |
|---|---|---|---|---|
| 800 x 370 x 145 | 850 x 440 x 158 | ROHR MAX®, ROHR SNIPER®, GLADIUS® etc. | 1 | 50104 |

SUITABLE FOR STEEL · STAINLESS STEEL · NON-FERROUS METALS · WOOD · HARD PLASTICS

# Hand Fleece (supplied on a roll)

## For hard to reach places, such as corners, etc.



Completely free of ferrite (iron). Ideal for stainless steel, wood, steel, non-ferrous metals, and hard plastics. High grit density for extremely long service life and uniform grinding. Supplied on practical 10-m storage rolls.
For a shadow-free industrial finish (matt and satin), removing oxide layers, and blending ground sheet metal by hand and in hard-to-reach places.

### Technical specifications

| Width (mm) | Length (m) | Pkg. unit | Grit (K) | Article number |
|---|---|---|---|---|
| **100** | **10** | 1 | 80 | 60080 |
| | | | 180 | 60180 |
| | | | 280 | 60280 |
| | | | 400 | 60400 |

STAHL STEEL · EDELSTAHL STAINLESS · BUNTMETALLE NF METALS · HOLZ WOOD · HARD PLASTICS

SUITABLE FOR THE PERFECT MITRE CUT

# Stainless Steel Cover Plate

## for perfect mitre grinding





Stainless steel cover plate produces precision mitre edges and easy cutting with shears. Clean adhesion for perfect mitre grinding on all materials. Self-adhesive, can be removed without leaving any residue – easy control without rework guaranteed.

### Technical specifications

| Dimensions (mm) | Material thickness (mm) | Material | Pkg. unit | Article number |
|---|---|---|---|---|
| **Ø 150 x 2,500** | 0.1 | Stainless steel (1.4301 / 304) | 1 | 40070 |



**SUITABLE FOR ALL CORDLESS ALLIANCE SYSTEM BATTERIES**

# High-Speed Charging Device



For quick charging of all sliding-fit Li-ion and LiHD battery packs from 14.4 to 36 volts.

## Benefits at a glance

- **Patented "AIR COOLED" charging technology:** Batteries are cooled during charging for a much shorter charging time.
- High charging current ensures that the **battery packs are charged quickly.**
- **Very low stand-by power consumption.**
- Maximum charging current: 6.5 A.
- **Process-controlled charge management** for gentle charging and the greatest possible number of charging cycles.
- One charger for charging all battery packs from our CAS partner: **www.cordless-alliance-system.com**

### Technical specifications

| Plug type | Cable type | Mains connection (V ~ Hz) | Maximum charging current (A) | Pkg. unit | Article number |
|---|---|---|---|---|---|
| EU (C+F) | Permanent connection | 220 – 240 ~ 50 – 60 | 6.5 | 1 | 50474 |

**SUITABLE FOR ALL CORDLESS ALLIANCE SYSTEM DEVICES**

# 5,5 / 8,0 Ah Battery

## 18 volts, LiHD technology




Powerful high-tech 18-volt battery (LiHD) for all battery-powered tools in the CAS group.

### Technical specifications

| Item | Power (V) | Battery capacity (Ah) | Can be used with | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|---|---|
| CAS battery 5.5 Ah | 18 | 5.5 | CAS devices | 0.89 | 1 | 50463 |
| CAS battery 8.0 Ah | 18 | 8.0 | CAS devices | 0.98 | 1 | 50473 |



SUITABLE FOR POWER TOOLS WITH QUICK-LOCK

# QUICK-LOCK Cable



Suitable for VARILEX® WSF 900, 1600 & 1800, POLY-PTX® 300, 500 & 800, ROLEI EF 115, ROHR MAX®, ROHR SNIPER®, and GLADIUS® 1800.

## Technical specifications

| Version | Cable length (m) | Voltage (V) | Pkg. unit | Article number |
|---|---|---|---|---|
| EU (C+F) | 4 | 220 – 240 | 1 | 52004-3 |
| EU (C+F) | 10 | 220 – 240 | 1 | 52005-3 |
| Plug adapter EU to UK | 4 | | 1 | 52004d |

ACCESSORIES



SUITABLE FOR ROLEI EF 165 · ROLEI PEF 500 · ROLEI BE 5

# Machine Stand

## for working comfortably in a standing position



Sturdy steel machine stand including fixing bolts with black powder coating for working comfortably in a standing position.

## Technical specifications

| Can be used with | Dimensions (L x W x H mm) | Weight (kg) | Pkg. unit | Article number |
|---|---|---|---|---|
| **ROLEI EF 165** | **245 x 215 x 660** | approx. 20 | 1 | 30120 |
| **ROLEI PEF 500** | **505 x 305 x 660** | | | 30220 |
| **ROLEI BE 5** | **385 x 325 x 660** | | | 30320 |

ACCESSORIES

SUITABLE FOR POWER TOOLS WITH M8 THREAD

# Ball Joint Mount



The robust ball joint mount transforms any mobile hand-held machine into a workshop. Grinding or deburring of small parts, polishing of individual pieces or sharpening blades – all these tasks can be performed with your mobile machine thanks to the ball joint mount. The rotary handle allows the ball joint to be locked safely and without tools – in any position!

### Technical specifications

| Material | Mounting thread | Pkg. unit | Article number |
|---|---|---|---|
| Aluminum, painted | M8 | 1 | 38663 |

## Application examples



VARILEX® 1802 HT page 16



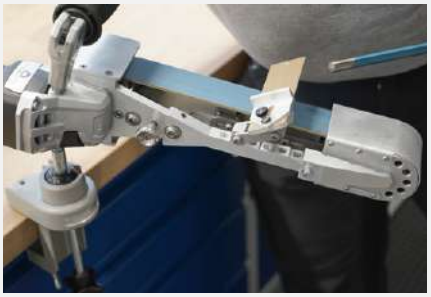
POLY-PTX® 802 HT page 124



ROHR MAX® 802 HT page 176



MINI MAX® PRO 1000



GLADIUS® 1802 HT page 186



ROHR MAX® MINI HT

SUITABLE FOR VARILEX® 1100 · MINI MAX® 1100 · PTX COMPACT HT · TOPRAIL 1100 HT · BAND-IT 1100

# Particulate Matter Protection Cap

## with exchangeable filter








The electrical structure is **particularly protected,** especially when there is a **high volume of dust.** Who does not know this: metal dust collects inside the electrical device and causes a short circuit, which can destroy the device.

The problem could be avoided by regularly "blowing out" the air inlet openings, but in daily practice this need for care is very often neglected. And the subsequent annoyance about a defective machine is great! **Eisenblätter provides a remedy!** In addition to the improved internal encapsulation of the current-carrying parts, the **air inlet** is shielded by means of a **newly developed particulate matter protection cap.** Despite these protective measures at the "rear" of the grinder, the speed control can be conveniently changed at any time using the setting wheel. Other products often cover the entire setting wheel.

**Inside** the newly developed **particulate matter protection cap** there is an **exchangeable filter fabric,** which can be easily **blown out or replaced** at any time in the event of excessive dust accumulation. The basic set contains **10 exchangeable filter fabrics.**

**This smart idea increases the service life of your machines enormously!**

### Technical specifications

| Item | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| Particulate matter protection cap | VARILEX® 1100, MINI MAX® 1100, PTX COMPACT HT, TOPRAIL 1100 HT, BAND-IT 1100 | 1 | 40092 |
| Exchangeable filters | Particulate matter protection cap (40092) | 10 | 40093 |

ACCESSORIES

## Standard with these Eisenblätter machines:




VARILEX® 1100




MINI MAX® 1100




BAND-IT 1100




TOPRAIL 1100 HT




PTX COMPACT HT

SUITABLE FOR CERTAIN EISENBLÄTTER POWER TOOLS

# Particulate Matter Protection Cap

## Greatly reduces the risk of an electronic short circuit due to metal dust



The new particulate matter protection with robust stainless steel grille prevents fine dust and contamination particles from entering the machine's interior and thus increase its service life. The breathable particulate matter protection can be easily cleaned and used many times. Just separate the particulate matter protection from the machine, clean it with a vacuum cleaner or blow it out with compressed air, and mount it on the machine's ventilation slots, where it will lock.

### Technical specifications

| Can be used with | Pkg. unit | Article number |
|---|---|---|
| VARILEX® 1802 HT, VARILEX® POLISHER HT, POLY-PTX® 802 HT, ROHR MAX® 802 HT, ROHR MAX® HT MINI, ROHR SNIPER® 802 HT, GLADIUS® 1802 HT | 1 | 40084 |

ACCESSORIES

SUITABLE FOR EISENBLÄTTER CAS CORDLESS POWER TOOLS

# Particulate Matter Protection Cap (cordless)

## Greatly reduces the risk of an electronic short circuit due to metal dust



The new particulate matter protection with robust stainless steel grille prevents fine dust and contamination particles from entering the machine's interior and thus increase its service life. The breathable particulate matter protection can be easily cleaned and used many times. Just separate the particulate matter protection from the machine, clean it with a vacuum cleaner or blow it out with compressed air, and mount it on the machine's ventilation slots, where it will lock.

### Technical specifications

| Can be used with | Pkg. unit | Article number |
|---|---|---|
| VARILEX® AKKU BRUSHLESS, VARILEX® POLISHER AKKU, MINI MAX® AKKU, POLY-PTX® AKKU HT, ROHR MAX® AKKU, BAND-IT AKKU | 1 | 40087 |

ACCESSORIES

SUITABLE FOR POLY-PTX® 800 · VARILEX® WSF 1800 · ROLEI EF 115

# Particulate Matter Protection Clip

## Greatly reduces the risk of an electronic short circuit due to metal dust





The new dust protection clips prevent fine dust and contamination particles from entering the machine's interior and thus increase its service life. The breathable filter grid is easy to replace – if necessary, the operation takes a few seconds.
Just remove the dust protection clip from the machine, replace the dirty filter grid with a new one, and mount it on the machine's air intake slots, where it will lock.

### Technical specifications

| Contents | Can be used with | Pkg. unit | Article number |
|---|---|---|---|
| 2 clips + 22 filter grids | POLY-PTX® 300/500/800, VARILEX® 1600/1800, ROHR MAX®, ROHR SNIPER®, GLADIUS® 1800, ROLEI EF 115 | 1 | 40085 |

ACCESSORIES

SUITABLE FOR DRY, HUMID AND OILY ENVIRONMENTS

# Work Gloves

New work gloves for sensitivity and an outstanding grip for many applications in dry, wet, and oily environments. The EN388 standard and the good mechanical properties show that these work gloves is an outstanding all-rounder: high resistance to oil, grease, and hydrocarbons; good resistance to organic solvents; resistant to heat and abrasion.



## Technical specifications

| Size | Pkg. unit | Article number |
|---|---|---|
| **M / 8** | 5 | 40105M |
| **L / 9** | 5 | 40105L |
| **XL / 10** | 5 | 40105XL |



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