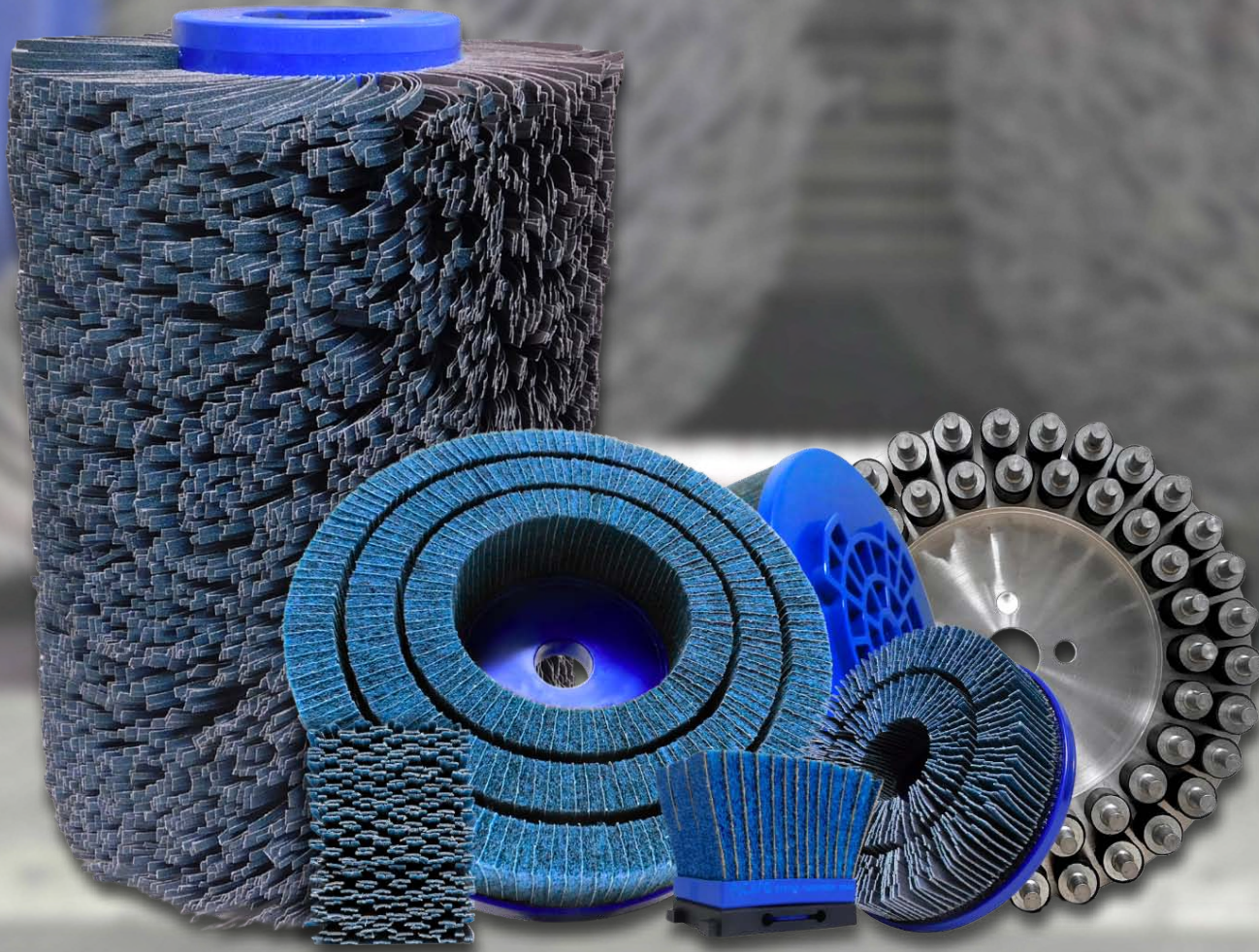


FOR A PERFECT SURFACE



PICARD
● Friedrich August Picard
GmbH & Co. KG

WELCOME TO PICARD

WHO WE ARE AND WHAT DRIVES US

We are manufacturer of high-quality deburring and grinding tools – and we do so with a genuine passion for technology and precision in the Bergisches Land region.

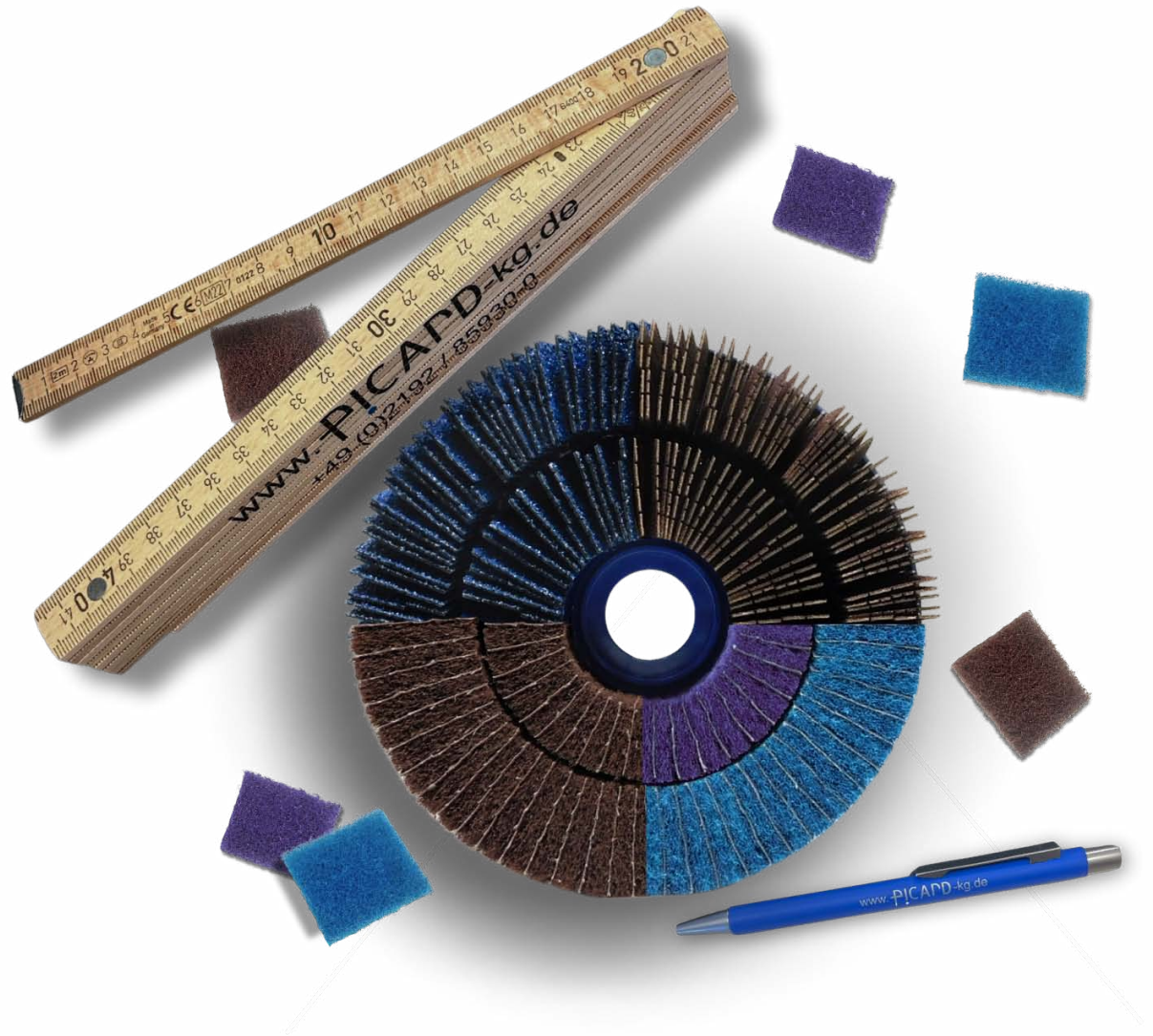
Our tools are used wherever surfaces need to be perfected: from deslagging, deburring, edge rounding, and deoxidizing to finish grinding.

Whether standard solutions or customized special designs – we develop and manufacture exactly the tools that make your processes more efficient and your results better.

What sets us apart?

Our enthusiasm for technology, our high quality standards, and our desire to make real progress with innovative solutions.

We live and breathe surface finishing – from the idea to the perfect result!



Deburring 2.0 with PICARD-tools

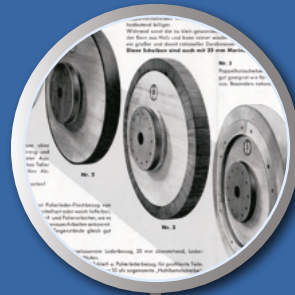
To reach an optimum edge rounding or deburring result, a suitable tool is required for every application. Due to the continuous development of our deburring tools, we are meanwhile able to rely on a large number of different tools.





1907

Friedrich August Picard opened a store for plumbing and manufacturing supplies at Freiheitstrasse 23 in Remscheid, Germany.



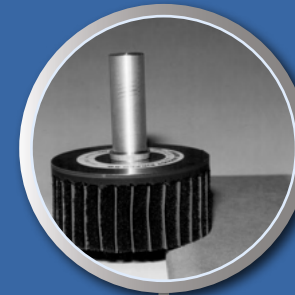
1919

Start of production of poplar wood discs and grinding accessories in the for this purpose acquired factory premises at Knuthöhe 21 in Remscheid-Lennep.



1960

By displacement of the poplar wood discs by the belt grinding process, the development of the contact wheels is expedited.



1999

Development of novel profile sanding discs, which today constitute a large part of the company's success due to continuous further development into deburring discs.



2001

Jörn und Dirk Vahrenholt, the current general managers, become partners. Picard remains a family business.

FOR A PERFECT SURFACE



2014

Move to the new location in Hückeswagen, to the new company building built on about 2.000 m².

FAPI

Friedrich August Picard GmbH & Co. KG

Strong brands, which stand for very good performance and high quality, prevail on the market! All Picard tools have these two attributes and thus increase productivity in companies.

Find out more about the tools and possibilities offered by Picard.

THERE ARE MANY FOR

more than

115
YEARS
EXPERIENCE

Thanks to our long-term experience, our customers benefit from our high product quality.

HIGHEST
CUSTOMER-
SATISFACTION

We do not only want to satisfy our customers, but also to inspire them. We are one of the leading manufacturers of grinding and deburring tools and always have the suitable product for you.

GOOD REASONS P!CARD

COMPREHENSIVE **ADVICE AND SUPPORT**

The satisfaction of our customers is our top priority. Comprehensive advice and support as well as first-class service are important to us and are more than a matter of course.

MADE IN GERMANY

More than 30 employees are working in different areas on an operating area of more than 2.000 m² in order to supply our customers with products "Made in Germany".

1

DESLAGGING

Deslagging - Removal of combustion residues, of the so-called slag. It occurs in almost all metallurgical manufacturing processes.

2

DEBURRING

Deburring - in the industrial process the removal of edges, splinters and fibers on workpieces – the so-called burr.

3



ROUNDING

Rounding - Increases process and work safety. Rounded edges are burr-free and thus the material is better protected from wear in the further processing process.

4

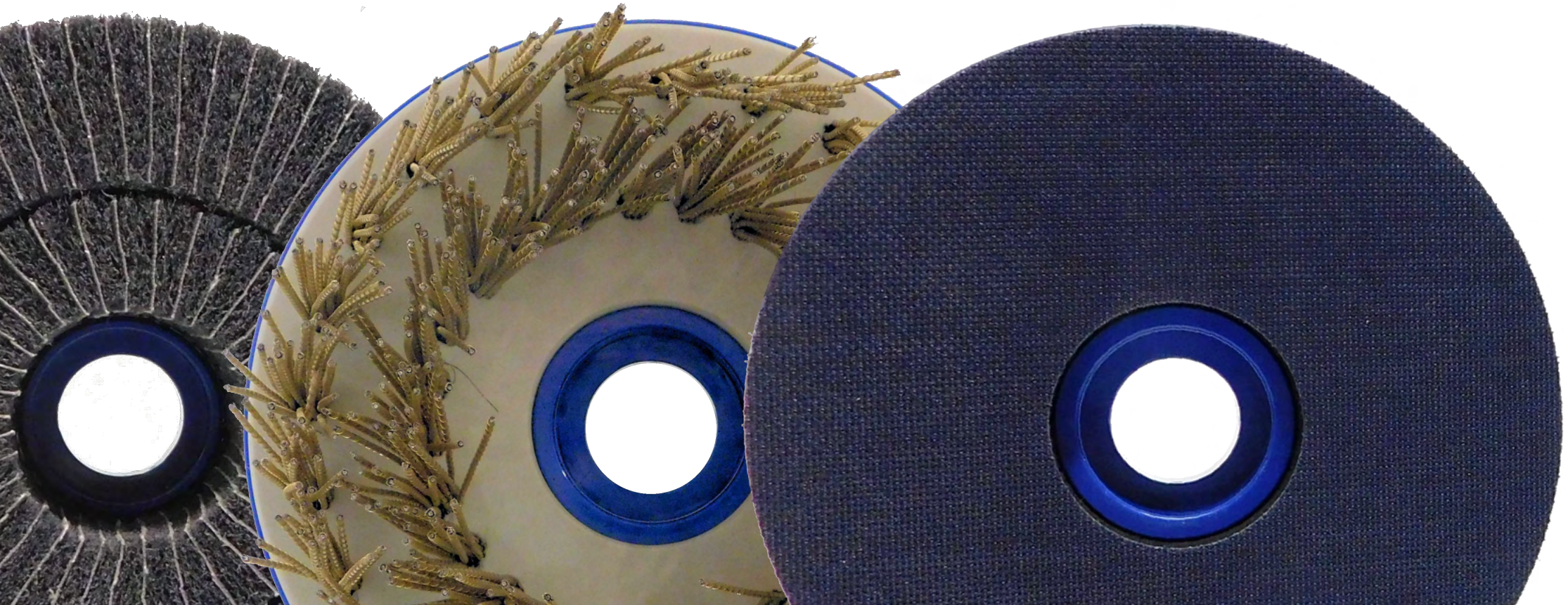
DEOXIDIZING

Deoxidizing - Removal of oxide layers formed during laser cutting of sheet metal, as oxygen is used in this process step.

5

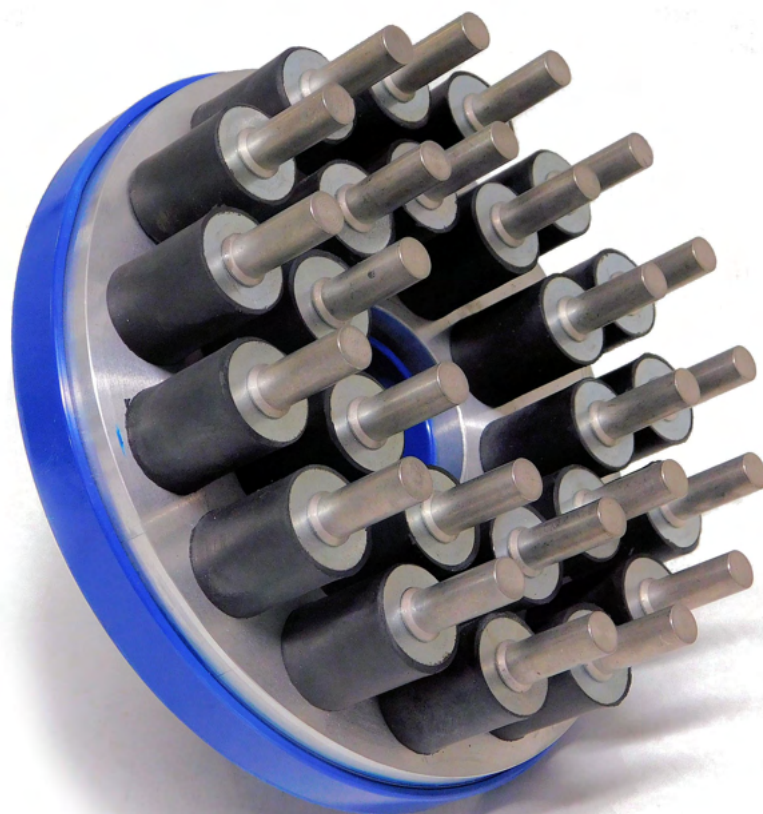
FINISHING

Finishing – the final, thorough removal of the finest chips and unevenness from the workpiece surfaces.

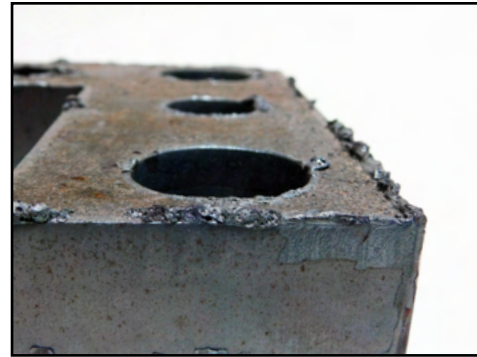


SLAG DISCS FAPI-PIN

are the optimal tool for the removal of slag, caused by flame cutting processes. The hardened pins mounted on the disc, in conjunction with the rotation of the disc on the respective machine, can easily remove different degrees of slag.

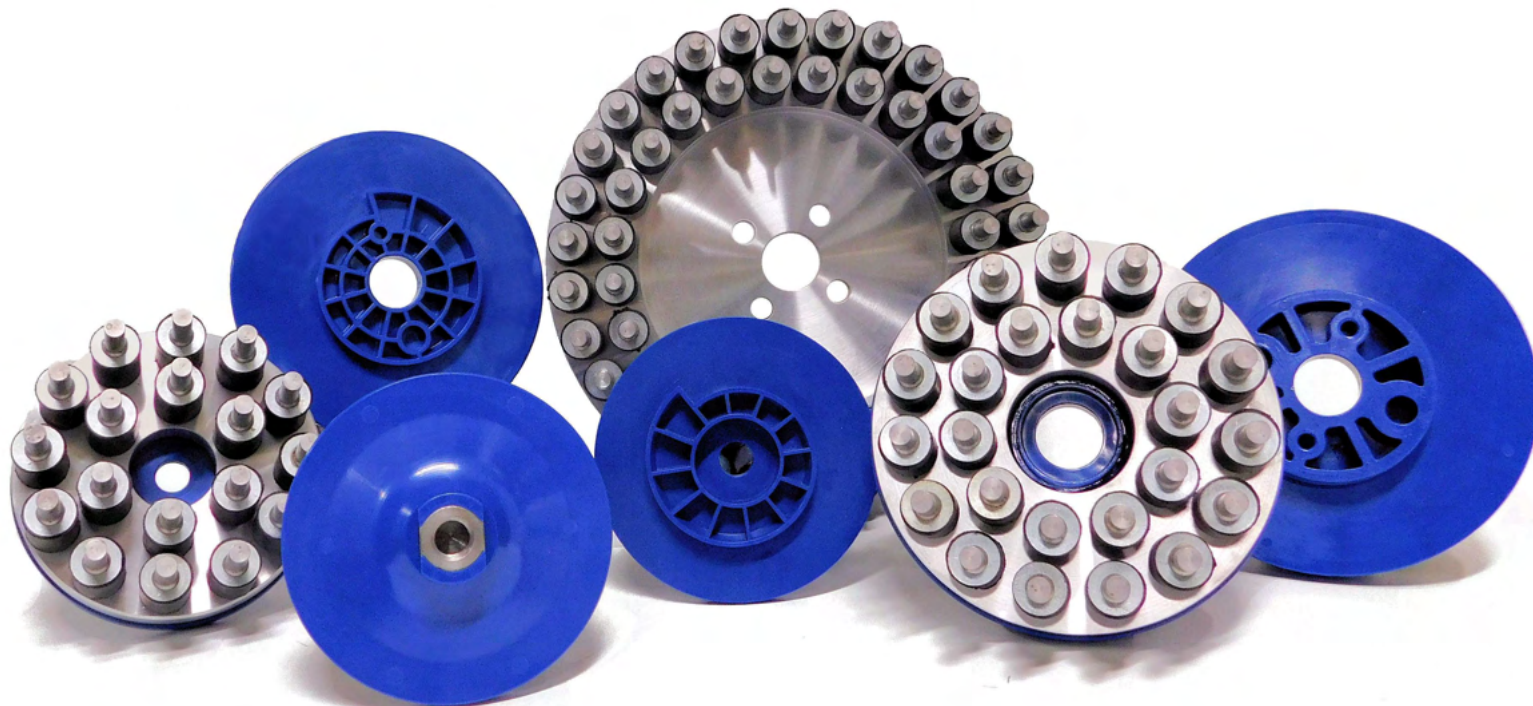


Process steps such as autogenous or plasma cutting cause very pronounced slag, which adheres to the edge of the jet outlet side and partly to the surface. In order to prepare for further process steps such as coating, the slag must be removed in advance.



TYPES

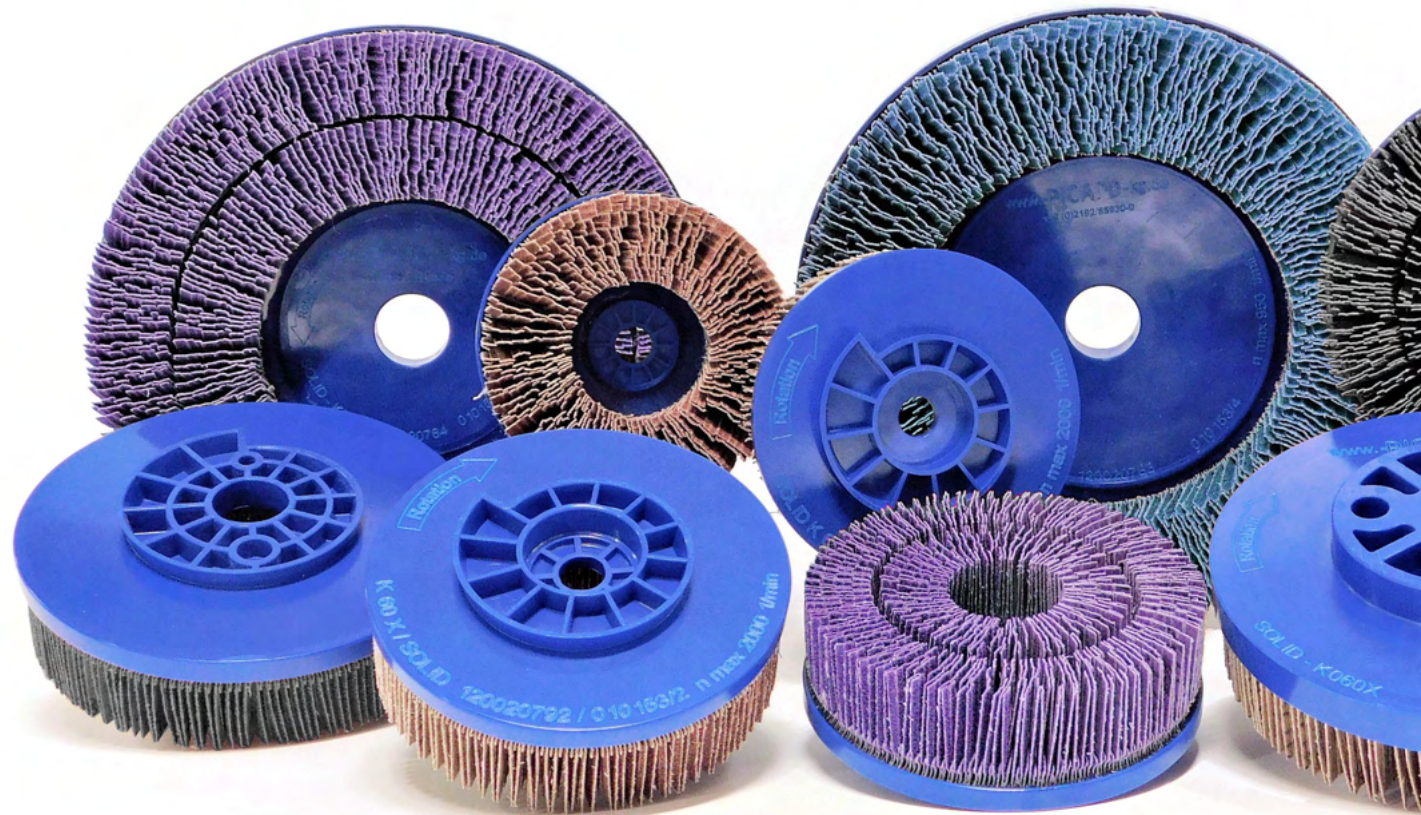
Like our Solid-series, FAPI-PIN slag discs can be used on hand-held machines as well as on stationary systems.



DEBURRING DISCS FAPI-SOLID

are the ideal tool for maximum deburring performance. Every feed that can be driven faster, every minute it takes less to reach targets at the respective process step, brings enormous savings potential. The FAPI-SOLID achieves such a process improvement due to the much higher use of abrasives cloth – it is deburred and rounded faster and in a shorter time.

A powerful tool for solid results!

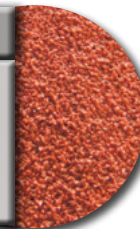


FACING TYPES



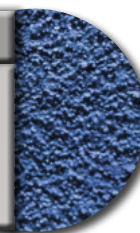
BROWN (Standard)

for use on aluminium, steel or stainless steel. Solid deburring and rounding results.



BLUE (Premium)

for high deburring performance in the processing of steel and higher alloy steel.



VIOLET (Premium)

perfect abrasive cloth for the processing of aluminium and stainless steel.



BLACK (Premium)

for the processing of aluminium or plastics. Depending on grain size suitable for light or strong deburring/rounding.



CUBIRINHA (Special)

for extrem edge rounding on higher alloy steel or stainless steel.



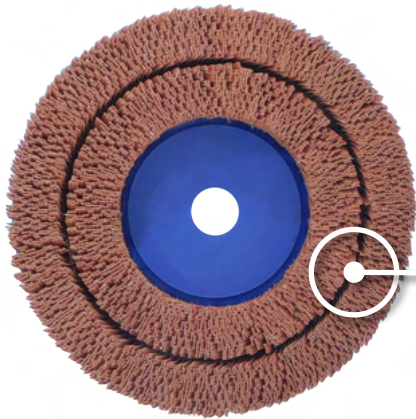


SINGLE ROW [ER]

COMPACT

Standard version with compact arrangement, suitable for general deburring tasks. Facing can be configured hard to soft depending on the abrasive cloth fineness used.

Ø 115 mm up to 250 mm

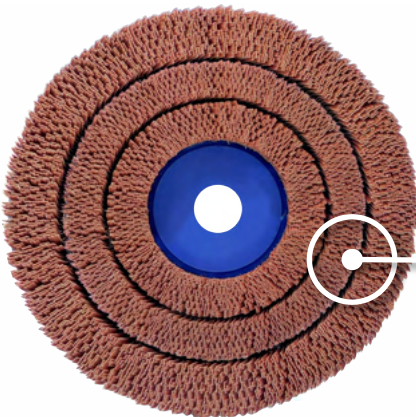


DOUBLE ROW [DR]

FLEXIBLE

These facing arrangement offers a high flexibility and more facing material. Particularly suitable for more complex and smaller inner contours, as the facing can adapt well to the edges and thus provides a perfect and even deburring and rounding result.

Ø 125 mm up to 250 mm



TRIPLE ROW [TR]

VERY FLEXIBLE

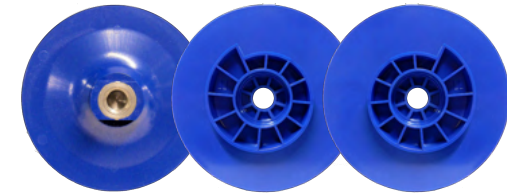
The TRIPLE-FLEX facing arrangement offers a very high flexibility and even more facing material. For even more effective processing of complex inner contours.

Ø 250 mm

Ø115 MM	
FAPI-M14	FAPI-TRIM
M14-internal thread	14 mm hole + quick release system TRIM
clockwise rotation (CW)	clockwise rotation (CW)



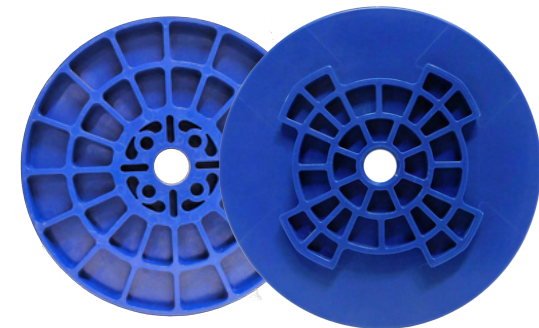
Ø125 MM	
FAPI-M14 125	FAPI-TRIM 125
M14-internal thread	14 mm hole + quick release system TRIM
clockwise rotation (CW)	clockwise rotation (CW) + counterclockwise rotation (CCW)



Ø150 MM	
FAPI-150	FAPI-FIT
25 mm hole	25 mm hole + quick release system FIT
clockwise rotation (CW) + counterclockwise rotation (CCW)	clockwise rotation (CW) + counterclockwise rotation (CCW)



Ø250 MM	
FAPI-250	FAPI-FIX250
30 mm hole	30 mm hole + quick release system FIX
clockwise rotation (CW) + counterclockwise rotation (CCW)	clockwise rotation (CW) + counterclockwise rotation (CCW)



DEBURRING ROLLERS FAPI-FLEX

With the use of our deburring rollers on all common deburring machines, sheet metal parts can be deburred or rounded optimally.

Both the arrangement of the grinding lamellae on the roller body and a very high proportion of abrasive cloth are the basis for a long service life of our deburring rollers. In addition, a wide variety of facing types and slot patterns offer the possibility to individually adjust the deburring rollers to a deburring process and thus decisively influence the result.

Now also available with KCLICK flange system!

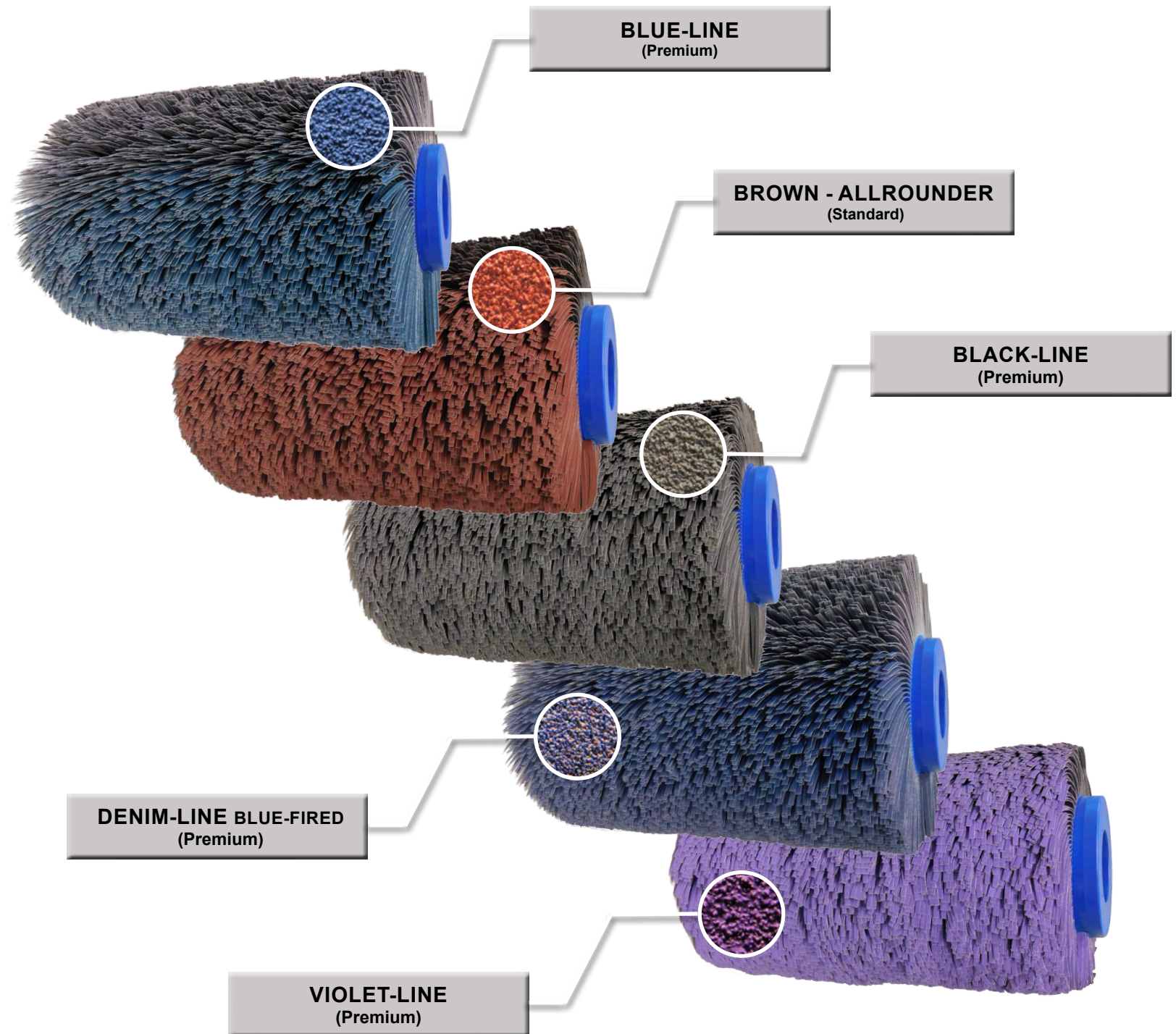
Decide for yourself whether you want to use our rollers in clockwise or counterclockwise rotation.

Regardless of the direction of rotation you currently need for your machine, our FAPI deburring rollers with KCLICK flange are always ready for use.

The KCLICK flange system is available for most common deburring machines. Please feel free to contact us.



FACING TYPES

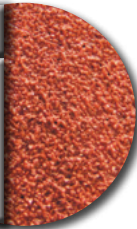


Facing varieties (facing type + slot pattern) can be individually adjusted to a deburring process – for a perfect result!

5 TOP-qualities to selection!

BROWN (aluminium oxide)

for use on aluminium, steel or stainless steel. Solid deburring and rounding results.



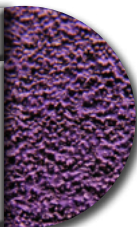
BLUE (zirkonia alumina)

for high deburring performance and intensive edge rounding in the processing of steel and higher alloy steel.



VIOLET (ceramic)

perfecte abrasive cloth for the processing of aluminium and stainless steel.



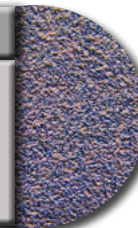
BLACK (silicon carbide)

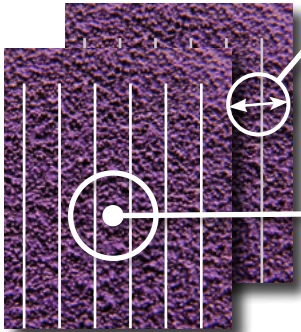
for the processing of aluminium or plastics. Depending on grain size suitable for light or strong deburring/rounding.



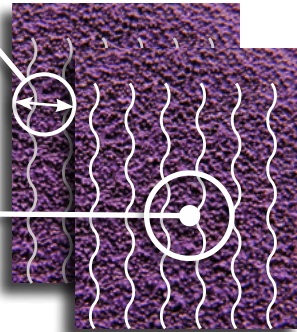
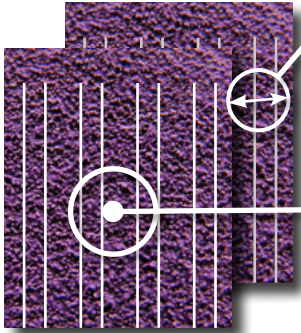
DENIM (aluminium oxide)

BLUE-FIRED corundum for longer service life. Perfect for the processing of aluminium, steel and stainless steel.

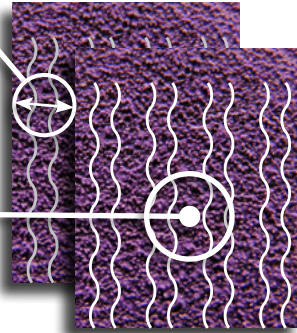
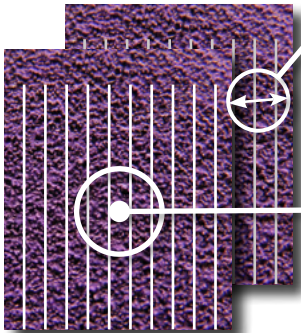




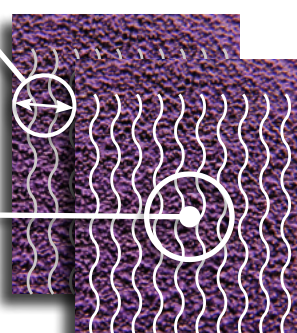
slitting 5 + 5		
STRAIGHT	COMPACT	WAVE
suitable for larger inner contours and sheet thicknesses from 1,5 mm.	suitable for larger / complex inner contours and sheet thicknesses from 1,5 mm.	
Adapts well to inner contours.		

slitting 5 + 3		
STRAIGHT	MEDIUM	WAVE
suitable for medium to smaller inner contours and sheet thicknesses from 1,5 mm.	suitable for medium to smaller inner contours and sheet thicknesses from 1,5 mm.	
Adapts well to inner contours.		

slitting 3 + 3		
STRAIGHT	SOFT	WAVE
suitable for medium to smaller inner contours and sheet thicknesses from 0,8 mm.	suitable for medium to smaller inner contours and sheet thicknesses from 0,8 mm.	
Adapts well to inner contours.		



DEBURRING DISC FAPI-SERIES

For the production of our deburring discs of the FAPI-SERIES, high-quality abrasive non-woven and abrasive cloth qualities are used, which have a great influence on the service life and performance of a deburring disc.

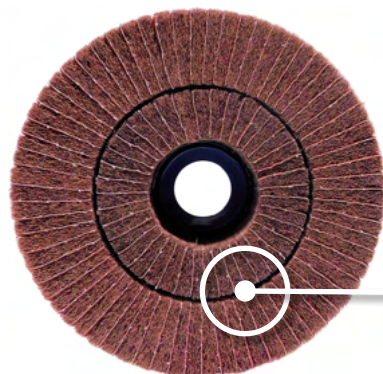
Just like our SOLID-SERIES, the different mountings of the deburring discs have a wide range of applications on all common deburring machine types.



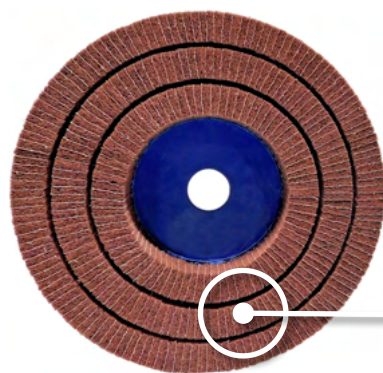
FACING ARRANGEMENTS



SINGLE ROW [ER]
Ø 115 mm up to 250 mm
COMPACT



DOUBLE ROW [DR]
Ø 125 mm up to 250 mm
FLEXIBLE

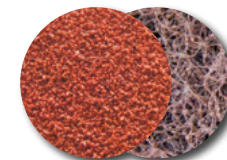


TRIPLE ROW [TR]
Ø 250 mm
VERY FLEXIBLE

FACING TYPES

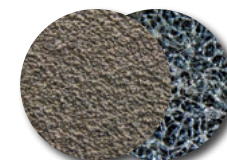
BROWN (Standard)

aluminium | steel | stainless steel



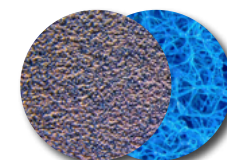
BLACK-LINE (Premium)

aluminium | plastic



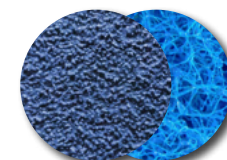
DENIM-LINE (Premium)

higher alloy steel | stainless steel



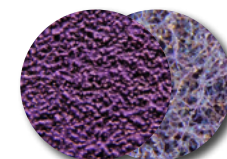
BLUE-LINE (Premium)

steel | higher alloy steel



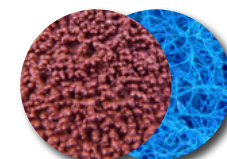
VIOLET-LINE (Premium)

stainless steel



CUBIRINHA-LINE (Special)

higher alloy steel | stainless steel

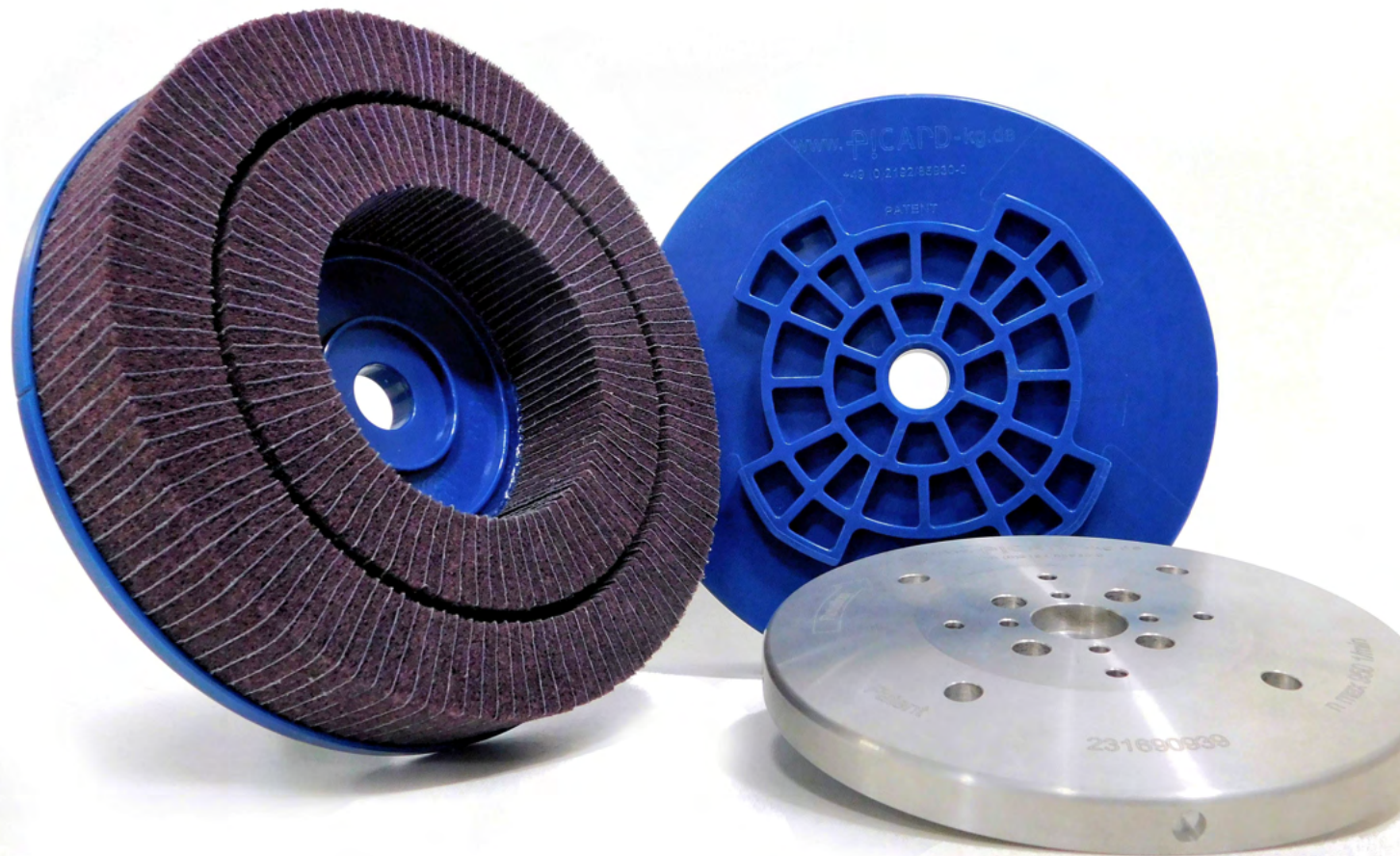


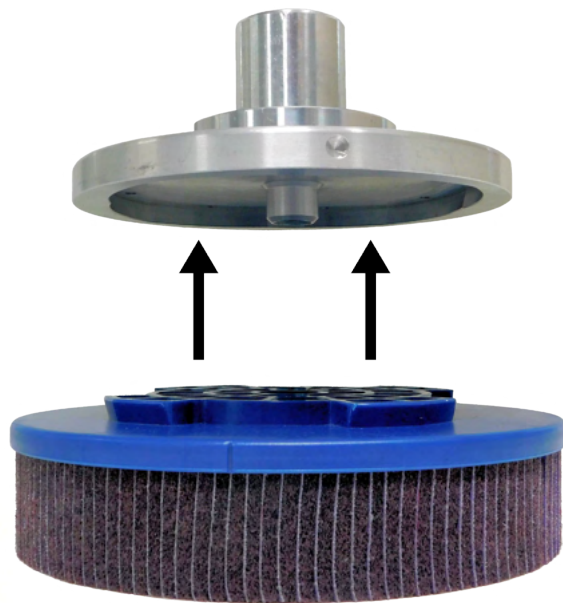
DEBURRING DISCS FAPI-FIX250

Now new in our deburring disc family!

With the patented quick-change system, the deburring disc can be changed by simply turning it in or out. No need for complicate screwing! The suitable ALU sockets for well-known machine manufacturers such as Loewer, Q-Fin, etc. are available for clockwise and counter-clockwise rotation.

Like our other deburring discs, the FAPI-FIX250 can be customized by selecting abrasive fleece and abrasive cloth as well as the arrangement of the facing (single, double or triple row) to the machining process.





Insert the deburring disc FAPI-FIX250 into the ALU socket.



Depending on the running direction of the machine the deburring disc must be turned clockwise or counter-clockwise in the socket. The plate is held in position by the rotation. A locking device in the holder ensures correct clamping!

ALU-SOCKET



ALU-SOCKET FAPI-FIX250
for clockwise rotation



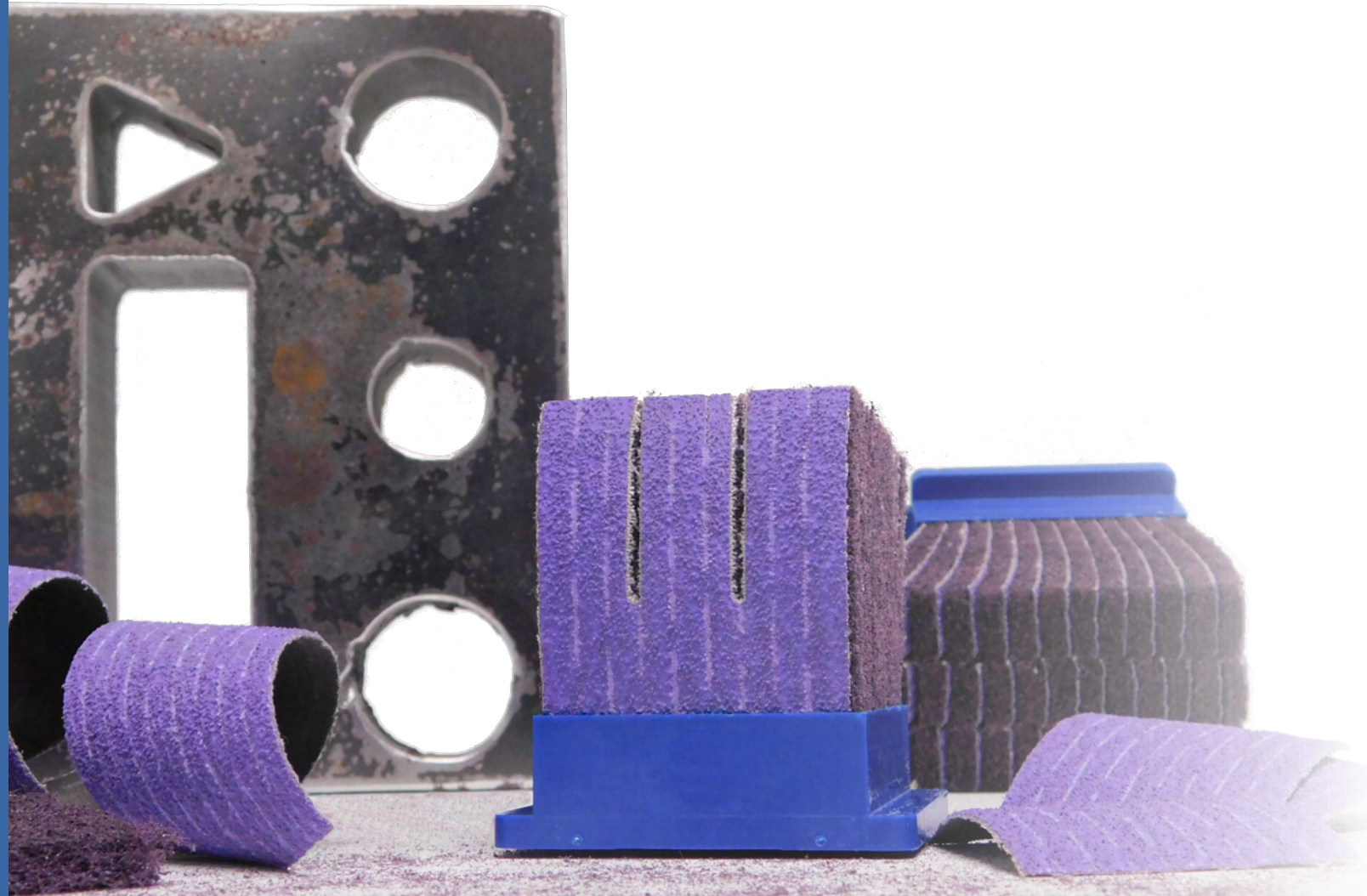
ALU-SOCKET FAPI-FIX250
for counter-clockwise rotation



GRINDING BLOCK FAPI-EVO

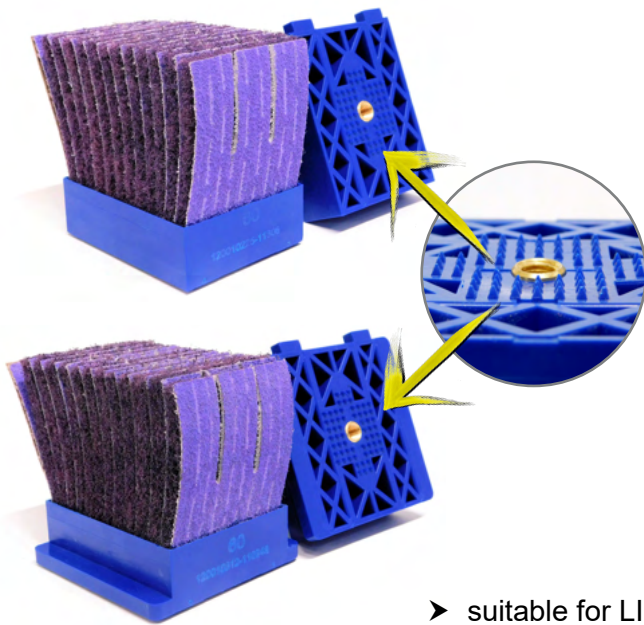
maximum flexibility
for best edge rounding

ROUNDING



If aluminium, steel or stainless steel...

Our grinding block FAPI-EVO offers greater efficiency in edge rounding due to the TRIPLE FLEX facing version. A selection of facing types, which are specially adapted to the material to be processed, offers you the opportunity to select the grinding block individually for your process.

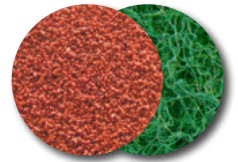


- suitable for LISSMAC machines
- new type of tool fixing
- grinding blocks protected against twisting and/or slipping
- specially developed system for power belts

FACING TYPES

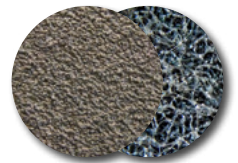
BROWN BASIC-LINE (Standard)

aluminium | steel | stainless steel



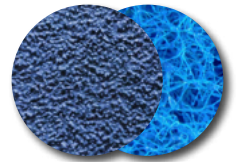
BLACK-LINE (Premium)

aluminium | plastic



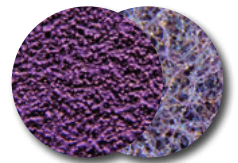
BLUE-LINE (Premium)

steel | higher alloy steel



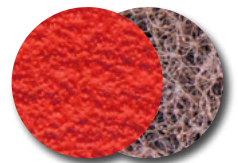
VIOLET-LINE (Premium)

stainless steel



RED-LINE EXTRA STRONG (Special)

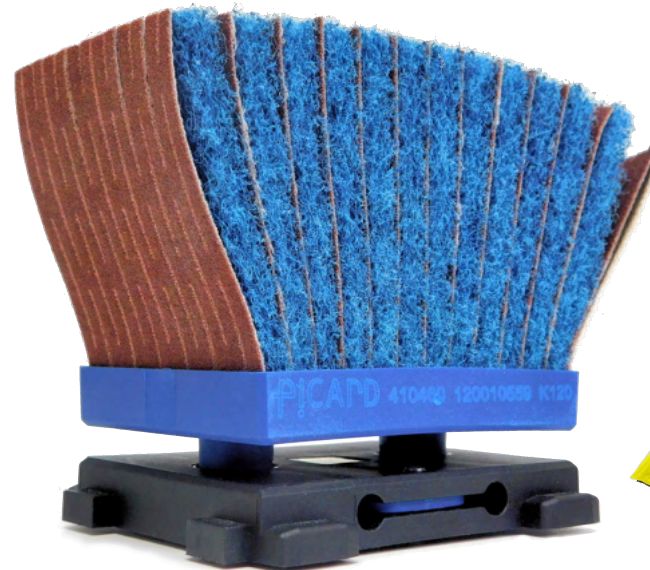
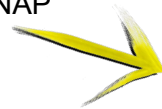
stainless steel



FAPI-EVO SNAP - THE NEW GRINDING BLOCK-GENERATION

In terms of set-up time, the two-piece offers an unbeatable advantage over its predecessor!

grinding block
FAPI-EVO SNAP

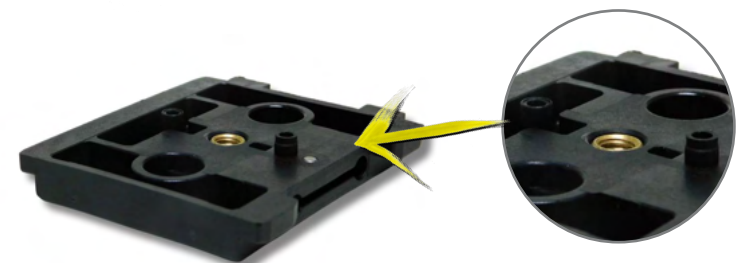


base carrier*
FAPI-EVO SNAP



Now with new tool lock!

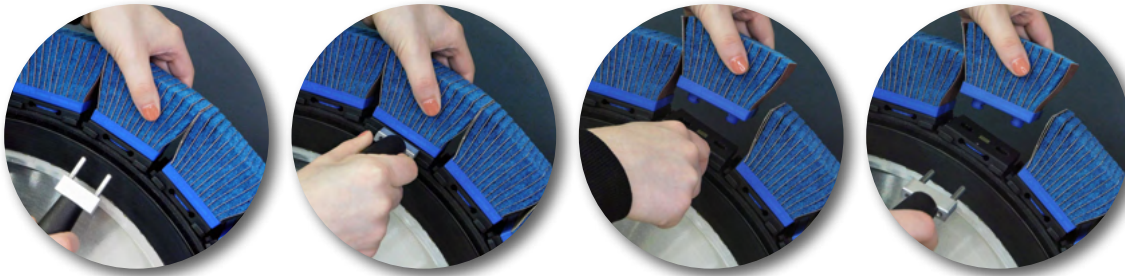
The two pins on the underside of the base carrier provide optimum protection against the blocks twisting/slipping on the power belt.



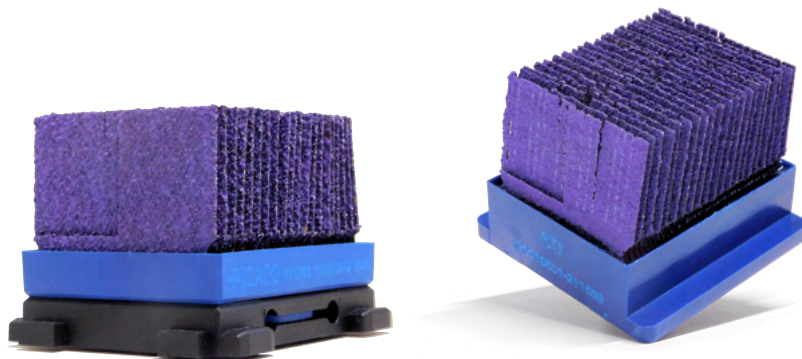
*Depending on the machine type, the base carriers are available with or without wings!

With the SNAP system, the base carrier is mounted on the power belt and only the grinding block fitted with the desired facing needs to be changed.

Simple release with the aid of the SNAP KEY and clicking (snapping) the new grinding block back into place is done within seconds.

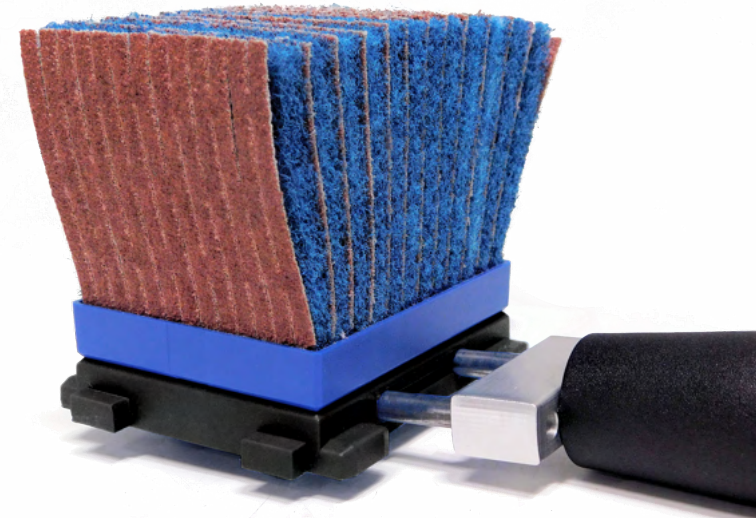


As with the FAPI-EVO grinding block, the facing type can be specially adapted to the material to be processed. In addition to the abrasive fleece/abrasive cloth combination, we also produce our **EVO** and **EVO SNAP** grinding blocks as a SOLID version. The facing consists exclusively of abrasive cloth.



ADVANTAGES

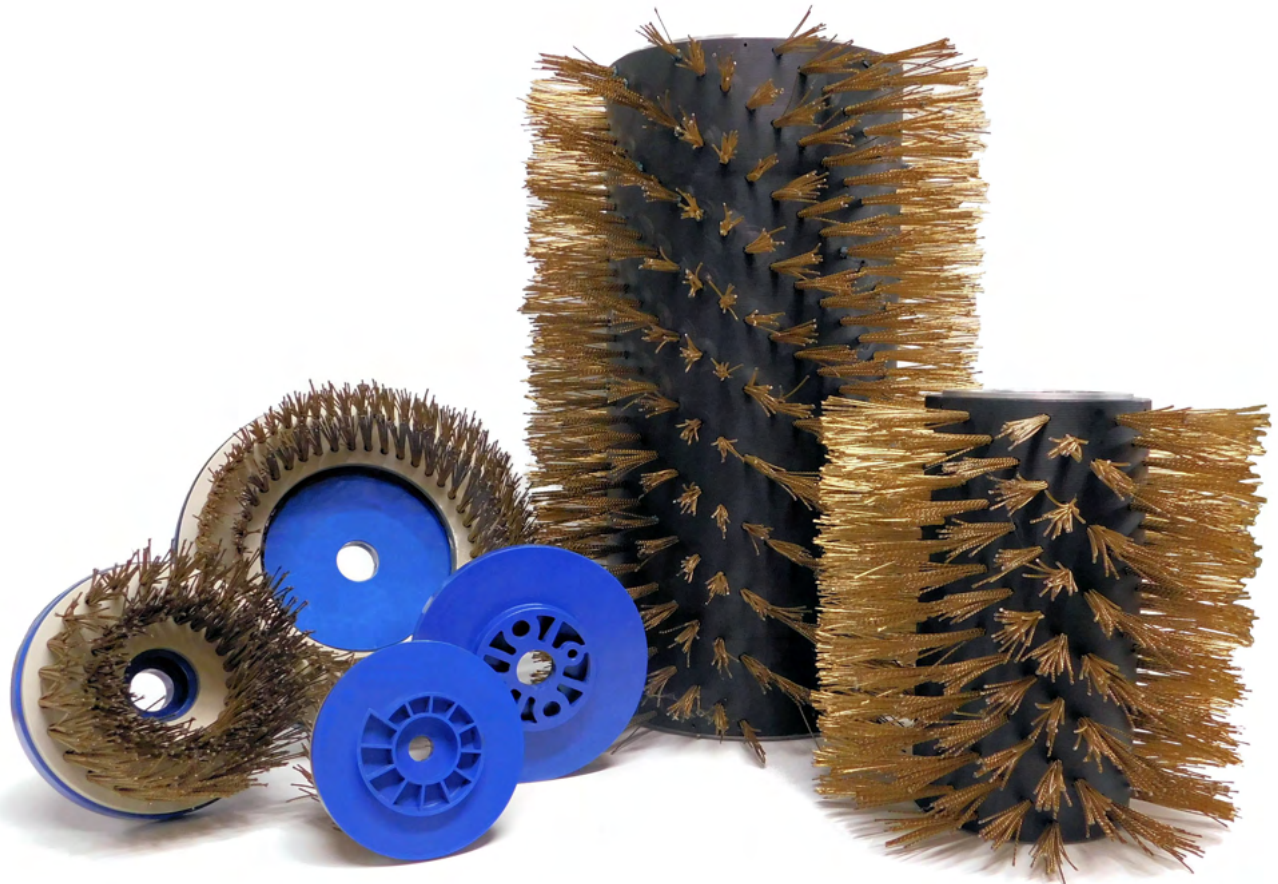
- ✓ Quick and easy handling by simply loosening the grinding blocks with the SNAP KEY!
- ✓ Inserting the new blocks on the base carriers without tools!
- ✓ No time-consuming removal of the powerbelt from the machine any more!



OXID BRUSHES FAPI-OXI

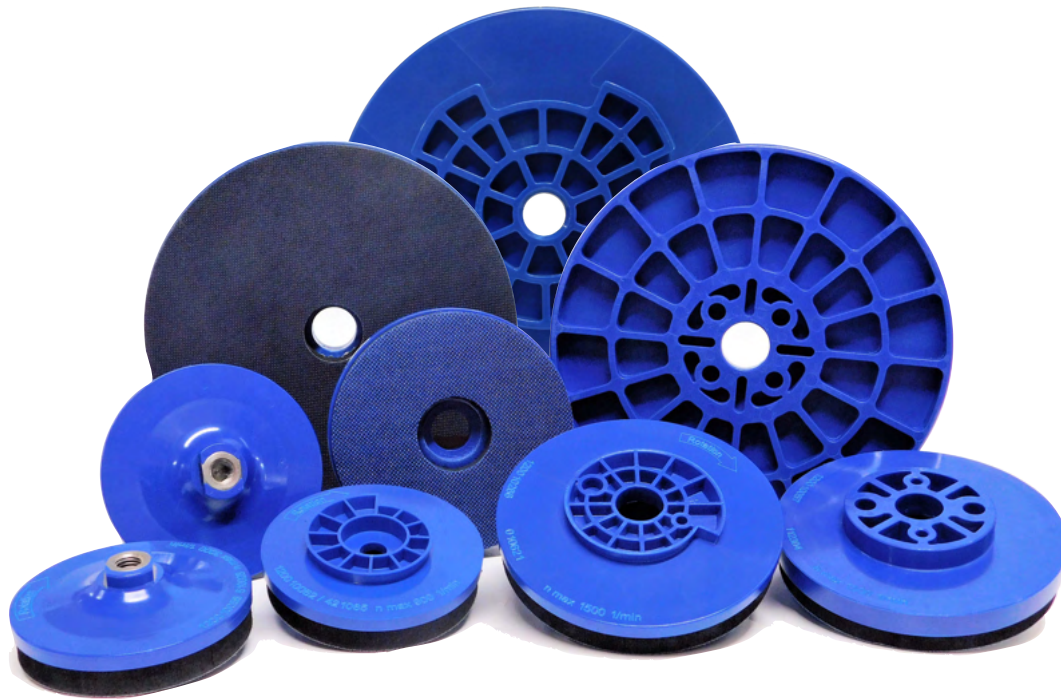
Oxide layers which may occur during laser cutting must be removed from workpieces before they go through further process steps (coating, painting or welding). Paintworks that are applied in follow-up processes can flake off even at the lowest impact loads.

Oxide brushes FAPI-OXI are the optimal tool for safe removal of these oxide layers. Due to the inclined stranded wire bundles, the aggressiveness of the brush is increased, which gives a better result.



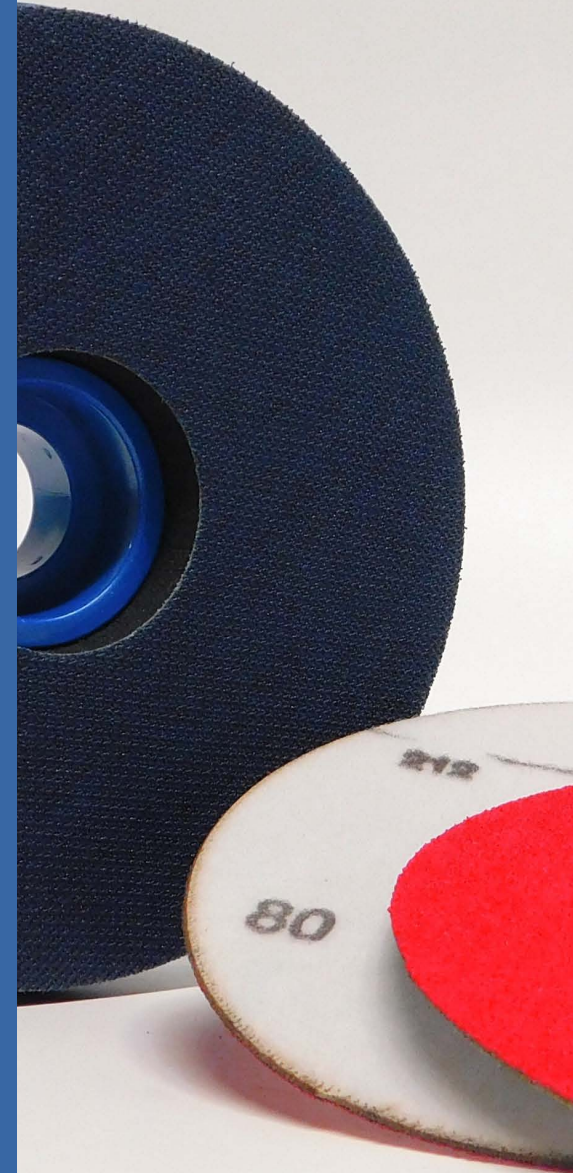
VELCRO SUPPORTER FAPI-KLETT

Velcro supporter enable not only pre-grinding but also easy deburring of sheet metal workpieces with a velcro backed grinding disc especially selected for the application. A perfect finish can also be achieved at the end of a deburring process by applying a variety of velcro-backed abrasives.



Just like our SOLID series, velcro supporters FAPI-KLETT can be used on hand-held machines as well as stationary systems due to different mountings.

FINISHING



MANUAL DEBURRING MACHINE

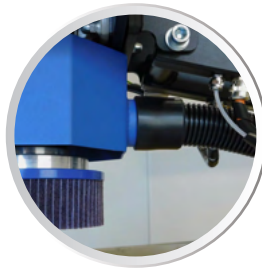
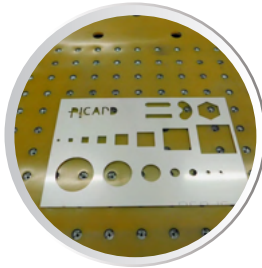
DEBURRING MACHINE



Attention! Not suitable for aluminium processing!

FAPI-STARGRINDER

- for small and medium production series
- easily and fast tool change by the FIT-quick release
- integrated vacuum area holds workpieces at their position
- extraction directly at the deburring disc
- easy handling of the swivel arm due to pneumatic support
- LED lighting directly at the deburring disc
- additional orbital sander for processing particularly strong burrs in advance



STARTER-SET



consisting of

- deburring discs FAPI-FIT
 - K150V/VIOLET for stainless steel
 - K120D/DENIM for steel
 - K080J/BROWN for all metals
 - K120J/FIBRE for all metals
- velcro supporter FAPI-FIT
- velcro-backed grinding discs XK870K, grain 80
- velcro-backed grinding discs XK870K, grain 120

Take a look at our homepage
www.picard-kg.de/en/



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