

Product information

PICARD

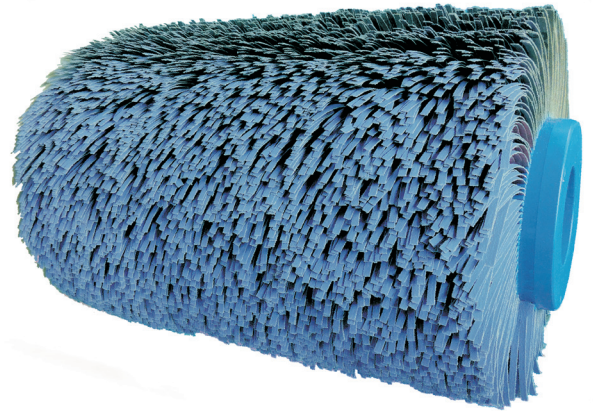
Friedrich August Picard
GmbH & Co. KG

WISSEN WORUM ES SICH DREHT

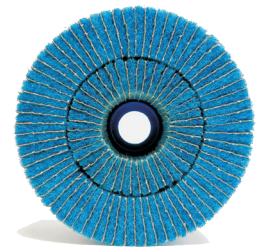
DENIM-LINE - BLUE FIRED

Longer service life by improved grain properties!

Deburring tools of our **DENIM-Line** are excellent for the treatment of higher steel alloys with grain sizes P80 to P120 and for stainless steel with grain size P120 and finer. Depending on the application and surface requirements, grain sizes from P80 to P180 are available.



Special abrasive cloth with high-quality corundum **BLUE-FIRED**. This specially refined bluish corundum has improved grain properties such as grain shape, higher hardness than normal corundum and becomes less quickly blunt. Due to the higher splintering ability compared to a normal corundum, new sharp edges are created again and again, similar to a zirconium corundum or ceramic abrasive grain. Due to this wear behavior, longer service lives and constant deburring and rounding results are achieved.



Grain P80 up to P100:

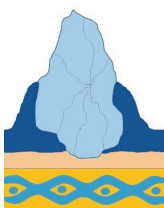
Stronger rounding, more prominent brush and grinding strokes on the surface.

Grain P120 up to P180:

Ideal if the surface appearance plays a role. Brush and grinding strokes are less pronounced or a homogenous surface is created.

DENIM

Special refined bluish corundum has a higher hardness than normal corundum and becomes less quickly blunt.



corundum (BLUE-FIRED)

P80



P100



P120



P150



P180



K

Plastic

A

Aluminium

S

Steel

E

Stainless steel



Well suited



Especially well suited

P60 - P150
DENIM (Al₂O₃)
specially for higher steel
alloys and stainless steel
special corundum BLUE-FIRED

More products and information
you will find here...



Contact us...

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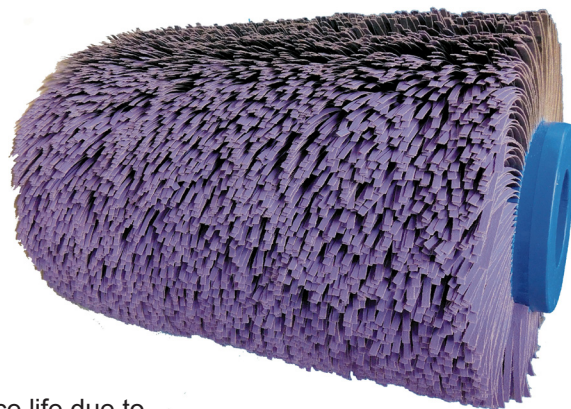
WISSEN WORUM ES SICH DREHT

VIOLET-LINE - CERAMICS

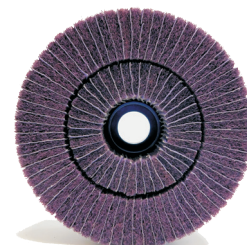
**Higher service life and stronger rounding
by high-tech grain characteristics !**

Deburring tools of our **VIOLET-Line** are excellent for the treatment of stainless steel.

The recommended grain size is between P60 and P150 depending on the application and surface requirements.



Flexible special-abrasive cloth with ceramic grain. Longer service life due to micro-splitting of the abrasive grain. This results in new and sharp edges, which favour cool grinding at low contact pressure. Depending on the choice of grain size and slit pattern, slight to very strong rounded edges are possible.



Grain P60 up to P100:

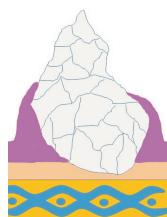
Strong rounding, more prominent brush and grinding strokes on the surface.

Grain P120 up to P150:

Ideal on sheets if the surface appearance plays a role. Brush and grinding strokes are less pronounced or a beautiful homogenous surface is created.

VIOLET

Very high stock removal with cool running and long service life. Abrasive grain with self-sharpening effect / micro-splitting. Excellent for the treatment of stainless steel.



ceramic grain (CER)

P60



P80



P100



P120



P150



K

Plastic

A

Aluminium

S

Steel

E

Stainless steel



Well suited



Especially well suited

P60 - P150
VIOLET (CER)
for stainless steel
resp. high edge rounding

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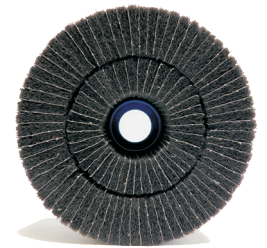
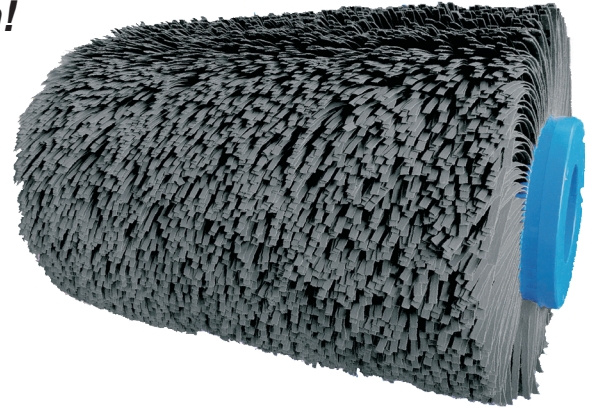
BLACK-LINE

Crystalline structure & harder grain!

Deburring tools of our **BLACK-Line** are excellent for the treatment of aluminium and plastics.

Depending on the application and surface requirements, grain sizes from P80 to P180 are available.

The abrasive grain silicon carbide black with a crystalline and sharp-edged structure has a high hardness and brittleness. This results in a micro-splitting of the grain, which brings out new sharp edges. Particularly suitable for a beautiful and glossy surface.



Grain P80 up to P100:

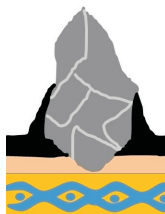
Stronger roundings, more prominent brush and grinding strokes on the surface, glossy surface.

Grain P120 up to P180:

Ideal if the surface appearance plays a role, as brush and grinding strokes are less pronounced or a homogenous surface is the goal.

BLACK

Optimal for the treatment of aluminium and plastic. Very high hardness (brittle), crystalline, sharp-edged structure. Glossy surface.



 
silicon carbide (SiC)

P60



P80



P100



P120



 K

Plastic

 A

Aluminium

 S

Steel

 E

Stainless steel



Well suited



Especially well suited

P60 - P240
BLACK (SiC)
for aluminium and plastics

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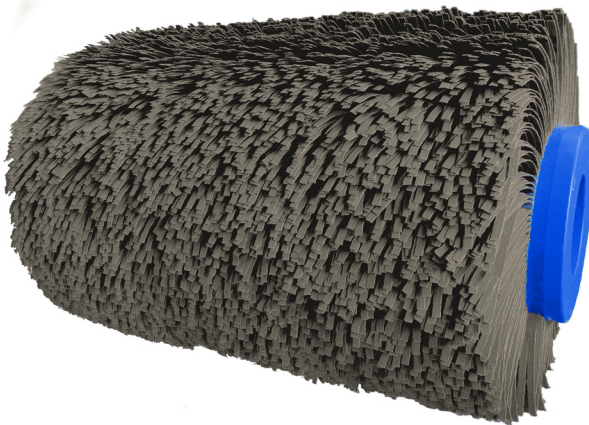
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WISSEN WORUM ES SICH DREHT

BLACK special - *obviously less scratches!*



BLACK special is a good option if, in addition to edge rounding, the surface finish also plays a role in the sheet metal area, such as with visible surfaces. With BLACK special you can achieve an identical up to better edge rounding at lower scratching on the surface.

BLACK special is suitable for the treatment of aluminium, steel and stainless steel.

Average values on stainless steel 1.4301, output surface 2B

BLACK special K150

- Ra 0,307µm Rz 2,537µm
- Ra 0,267µm Rz 1,590µm
- Ra 0,135µm Rz 1,170µm
- Ra 0,196µm Rz 1,744µm
- Ra 0,224µm Rz 1,872µm



Average values from 5 measurements:

Ra 0,225µm ; Rz 1,782µm

⇒ **BLACK special K150 caused significantly fewer scratches and lower roughness values.**

Corundum standard K150

- Ra 0,282µm Rz 2,323µm
- Ra 0,314µm Rz 2,291µm
- Ra 0,342µm Rz 2,840µm
- Ra 0,241µm Rz 3,083µm
- Ra 0,303µm Rz 2,810µm



Average values from 5 measurements:

Ra 0,296µm ; Rz 2,669µm

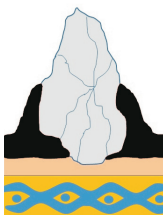
⇒ **Corundum standard K150 caused significantly more scratches and higher roughness values.**

Grain P150:

Ideal if the surface appearance plays a role. Grinding strokes are less pronounced or a homogenous surface is created.

BLACK special

Optimal for the treatment of aluminium, steel and stainless steel. Glossy surface, few scratches.



aluminium oxide (Al₂O₃)



- K** Plastic
- A** Aluminium
- S** Steel
- E** Stainless steel
- Well suited
- Especially well suited

P150
BLACK special (Al₂O₃)
if a good rounding with few scratches is required

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