



TUNED INTO SURFACES



## PRODUCT OVERVIEW



## KREEB – since many decades producer of tools for the mechanical surface treatment

The company was founded in 1930 by Heinrich Kreeb as a factory for manufacturing felt products which were also used for grinding and polishing in the metalworking industry.



Advertisements from the early years



Plant Göppingen, Germany



Plant Haan-Gruiten, Germany

The introduction of new technologies as well as the increasing automation of grinding, deburring and polishing processes required the development and production of new tools for mechanical surface treatment. This development has resulted in the present variety of the Kreeb program which is produced in Germany at the headquarter in Göppingen and at the subsidiary bi-flex® Birkenstock in Haan-Gruiten close to Solingen.

Worldwide customers trust the efficiency and high technical standards of our tools. The company has an export share of more than 50% and is a family enterprise run by the fourth generation.

Thanks to many years of experience we can offer our customers profound application-specific advice for the optimization of their production processes.

Our test department assists in the search of custom-made solutions. The relation to our customers is characterized by partnership, quality and reliability.

	Deburring	Grinding	Fine Grinding	Mat Finishing	Satin Finishing	Polishing	Buffing			
								Tampico Fibre		Page 5
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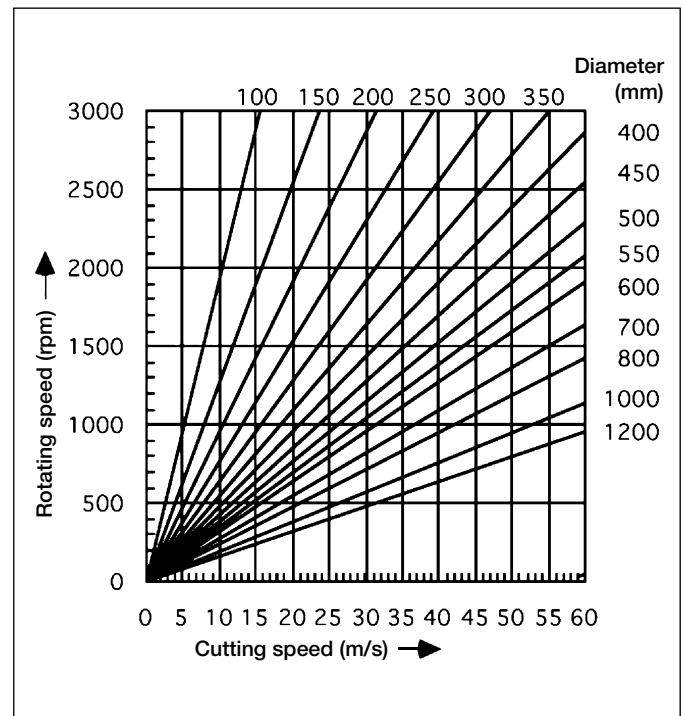


## Cutting Speed

The table shows common cutting speeds for different materials. It is only a rough guidance since the optimum cutting speed is influenced by a wide range of parameters such as type and construction of the polishing tool trimming, workpiece composition, contact pressure, feed rate and the quantity of polishing compound applied.

Grinding	m/s	Polishing	m/s
Steel / Stainless steel	20 - 30	Steel / Stainless steel	30 - 35
Other metals	20 - 40	Non-ferrous metals (Brass, Bronze, etc.)	20 - 40
Carbide	10 - 15	Aluminium	30 - 40
Thermoplastics	8 - 15	Thermoplastics	5 - 15
Duroplastics	10 - 25	Duroplastics	25 - 30
Laquers / Acrylic glass	3 - 8	Laquers / Acrylic glass	10 - 20

Mat Finishing	m/s	Deburring	m/s
All Materials	5 - 15	All Materials	10 - 20



The diagram shows the coincidence between rotating speed of the wheels, the wheel diameter and the cutting speed.

## Impregnations

By means of specially developed impregnations the features of Tampico and sisal brushes as well as cotton buffs may be selectively changed and adapted to the particular application.

Depending on the type of impregnation there are different effects:

- Increase of tool life through an amended fibre structure.
- Reduction of compound consumption and optimization of the polishing performance due to enhanced bonding of the compound on the brushes.
- Higher aggressivity of the polishing wheel through harder brush trimming.
- Faster achievement of mat or satin finished surface effects.

	Impregnation	Colour	Characteristics
Increasing hardness and aggressivity	M30/2	orange	very soft, elastic
	J40N	rose	soft, slightly sticky
	J90	green	harder than J40N, sticky
	M30	orange	soft, elastic
	M35	colourless	elastic
	M50	colourless	medium hard
	M33	red	hard, sticky
	M60	colourless	hard
	M90	purple	very hard, slightly sticky

## Tampico Fibre

Tampico is a fibre from a wild-growing agave type which only occurs in the highlands of Mexico. The fibre is highly heat-resistant, hard and aggressive having optimal features for polishing processes. Due to the rough structure the polishing compound sticks well on the fibre.

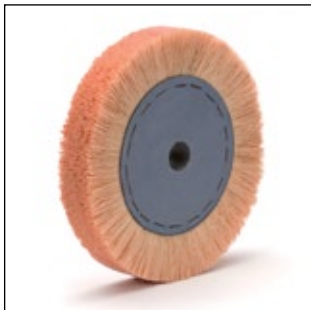
Unlike the sisal fibre the Tampico fibre cannot be spun and is therefore used in polishing brushes only as single fibre. This results in a very flexible tool. Its hardness and aggressivity may be varied by impregnations (see page 4) and increased trimming density in order to adapt it to customer-specific requirements.

### Applications

- Prepolishing and polishing of metals
- Satin finishing of metals
- Applying of wax and oil on solid wood
- Burnishing of wooden surfaces
- Cleaning of surfaces



### Tampico Brush CBO / CBO-R



Diameter: 150 - 960 mm  
Width: 5 - 60 mm



### Tampico Brush CBO-K / CBO-M



Diameter: 50 - 120 mm  
Width: CBO-K: 16 - 39 mm  
CBO-M: 12 - 50 mm



### Tampico Cup Brush KBF



Diameter: 30 - 120 mm  
Shape: cylindrical, round



### Tampico Roller CBO-W / CBK-W



Diameter: CBO-W: 150 - 400 mm  
CBK-W: 80 - 125 mm  
Width: CBO-W: 100 - 1.000 mm  
CBK-W: 50 - 100 mm



## Sisal

Sisal is a rough fibre which is won from the leaves of a special agave. Unlike the Tampico fibre the sisal fibre cannot be used as single fibre. The raw fibre is shorter and softer and thus can only be used in a spun shape (sisal cord 3-fold twisted or 8-fold braided). Its hardness and aggressivity may be varied by impregnations (see page 4) and increased trimming density in order to adapt it to customer-specific requirements.

### Applications

- Prepolishing and polishing of metals
- Satin finishing of metals
- Applying of wax and oil on solid wood
- Removing of glue residues, use on edge banding machines
- Deburring and polishing of plastic profiles
- Cleaning of surfaces



### Sisal Cord Brush SKB



Material: Sisal cord  
Sisal cord mixed with leather stripes  
Diameter: 175 - 960 mm  
Width: 7 - 150 mm

### Sisal Cord Roller SKB-W / SKK-W



Material: Sisal cord  
Sisal cord mixed with leather stripes  
Diameter: SKB-W: 150 - 400 mm  
SKK-W: 80 - 125 mm  
Width: SKB-W: 30 - 1.000 mm  
SKK-W: 50 - 100 mm

### Sisal Cord Brush SKB-K / SKB-M

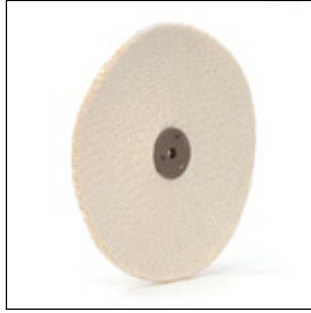
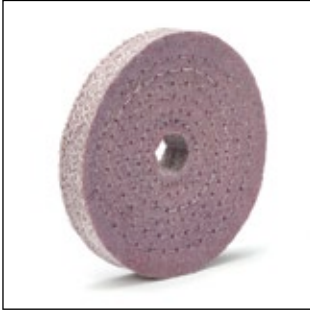


Material: Sisal cord  
Sisal cord mixed with leather stripes  
Diameter: SKB-K: 60 - 150 mm  
SKB-M: 50 - 120 mm  
Width: 12 - 50 mm

### Sisal Bias Buff SGS



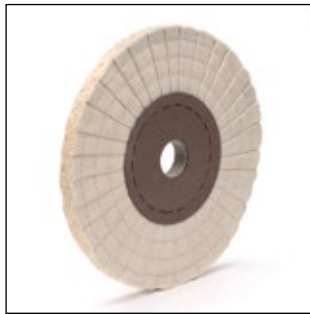
Material: Sisal fabric  
Diameter: 150 - 1.000 mm  
Width: 5 - 75 mm

**Stitched Sisal Mop SGA**


Material: Discs from extra-dense sisal fabric or sisal and cotton cloth mixed  
 Diameter: 40 - 600 mm  
 Width: 4 - 30 mm

**Sisal/Cotton Bias Buff SNW**

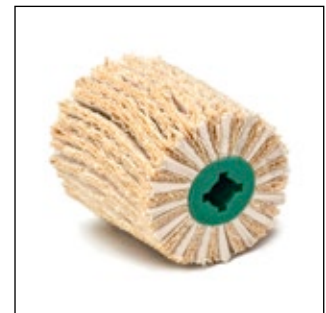

Material: Extra-dense sisal fabric sewed with cotton cloth, regular undulated folding  
 Diameter: 250 - 450 mm  
 Width: 20 - 22 mm

**Sisal/Cotton Bias Buff SNI**


Material: Extra-dense sisal fabric sewed with cotton cloth, regular dense folding  
 Diameter: 250 - 960 mm  
 Width: 20 - 22 mm

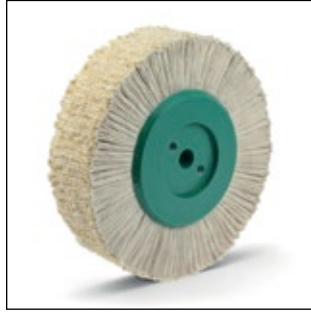
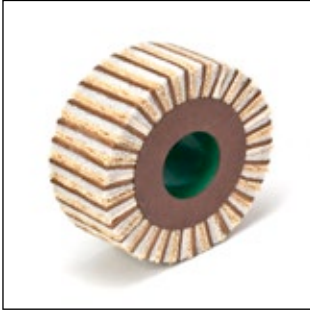
**Sisal/Cotton Bias Buff SNF / SNF-K**


Material: Extra-dense sisal fabric sewed with cotton cloth, irregular open folding  
 Diameter: SNF: 150 - 600 mm  
               SNF-K: 80 - 120 mm  
 Width: SNF: 22 mm  
           SNF-K: 10 mm

**Sisal/Cotton Bias Buff SNK-W / SLK-W**


Material: Extra-dense sisal fabric sewed with cotton cloth  
 SNK-W: Irregular open folding  
 SLK-W: Sisal flaps  
 Diameter: 80 - 125 mm  
 Width: 60 - 100 mm

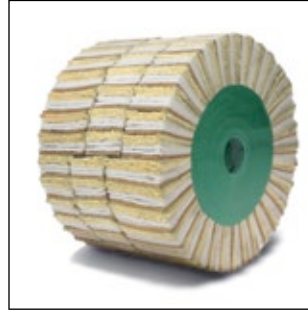


**Sisal/Cotton Flap Brush SLK-W**


Material: Flaps from extra-dense sisal fabric sewed with cotton cloth. Depending on the application mixed with flaps from cotton, felt, leather, non-woven or abrasive-cloth.

Diameter: 150 - 400 mm

Width: 25 - 100 mm

**Sisal/Cotton Flap Brush SLK-W for brushing machines**


Material: Flaps from extra-dense sisal fabric sewed with cotton cloth. Depending on the application mixed with flaps from cotton, felt, leather or non-woven. Staggered flaps for streak-free process.

Diameter: 260 / 320 mm

Width: From 150 mm to any width in 50 mm steps

**Sisal/Cotton Flap Brush SLK-W for edge banding machines**


Material: Flaps from extra-dense sisal fabric sewed with cotton cloth. Depending on the application mixed with flaps from cotton, felt, leather or non-woven

Diameter: 150 - 190 mm

Width: 25 - 30 mm

**Disc Brush TBA**


Material: Flaps from extra-dense sisal fabric sewed with cotton cloth. Depending on the application mixed with flaps from cotton, felt, leather or non-woven

Diameter: 80 - 400 mm

**Disc Brush TBA / End Brush SNP**


Material: Flaps from extra-dense sisal fabric sewed with cotton cloth, spirally wound

Diameter: 12 - 80 mm



## Cotton Cloth

The range of our processed cotton cloth types is as versatile as our customers. In order to cover the entire range of polishing applications more than 20 different cloth types are at disposal. They differ in weaving and yarn thickness. An additional treatment can increase the polishing effect.

The type and density of the cloth folding may be varied and thus perfectly adapted to the specific task. This ensures to offer each customer the most suitable polishing tool.



### Application

- Prepolishing and polishing of all materials
- High-gloss finishing of all materials

### Material

- Impregnated cotton cloth for very intense prepolishing
- Dense woven cotton cloth for intense prepolishing
- Medium hard cotton cloth for polishing
- Soft and roughened cotton cloth (flannel, molton) for high gloss finishing

### Cloth qualities – Overview

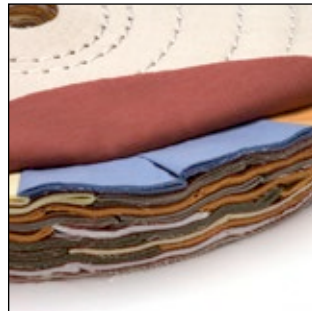
Prepolishing				Polishing						High gloss finishing					Fine polishing			Mirror finishing	
SU 89 yellow	SU 70 S	SU 70	SU 69	SU 85 rose	RO 18	SU 80	SU 25 red	SS 40 rose	RO 25	MAG white	SU 90	PS 35 white	RO 16	HM 30	SB 52	SW 53 F	NT 54	FL 31	Molton extra

**Polishing Mop SCV / SCV-G / SCV-M**


Material: Full discs, loose leaf or stitched  
 Diameter: 50 - 1.000 mm  
 Width: SCV / SCV-G: 5 - 30 mm  
 SCV-M (metal core): 12 - 50 mm

**Polishing Mop SCF / SCM**


Material: Full discs and segments mixed  
 Diameter: SCM: 350 - 1.000 mm  
 SCF: 300 - 600 mm  
 Width: 10 - 30 mm

**Polishing Mop AMR Centra®**


Material: Centra® special folding from V-shape  
 folded cloth segments  
 Diameter: 300 - 430 mm  
 Width: 20 - 30 mm

**Bias Buff SPF**


Material: Irregular folding  
 Diameter: 150 - 600 mm  
 Width: 15 - 17 or 18 - 20 mm

**Mini Bias Buff SPF-K / SPF-M**


Material: Irregular folding  
 Diameter: 50 - 150 mm  
 Width: 8 - 50 mm

**Bias Buff with shaft SPF-S / Polishing Roller SPK-W**


Material: Irregular folding  
 Diameter: 80 - 125 mm  
 Width: 25 - 100 mm

**Bias Buff SPF for edge banding machines**


Material: Irregular folding  
 Diameter: 150 - 190 mm  
 Width: 10 - 50 mm

**Bias Buff SPP**


Material: Regular multilayer pleated folding,  
 2-, 3-, 4-ply  
 Diameter: 150 - 1.000 mm  
 Width: 20 mm


**Bias Buff SPW**


Material: Regular undulated folding  
 Diameter: 150 - 600 mm  
 Width: 20 mm


**Bias Buff SPW for edge banding machines**


Material: Regular undulated folding  
 Diameter: 150 - 190 mm  
 Width: 20 mm

**Bias Buff SPM**


Material: Single layer pleated folding  
 Diameter: 200 - 500 mm  
 Width: 20 mm


**Bias Buff SPZ**


Material: Regular V-shaped folding  
 Diameter: 150 - 500 mm  
 Width: 20 mm





### Cup Buff SPF-I



Material: Irregular folding  
Diameter: 40 - 90 mm

### Cup Mop SCV-I



Material: Cotton cloth discs drawn in a plastic cone  
Diameter: 50 - 150 mm

### Polishing Brush CKG



Material: Chungking bristles  
Profile: Pointed or straight  
Diameter: 42 - 100 mm  
Width: 1 - 6 rows

**abra-flex® Non-woven Abrasive**

abra-flex® non-woven abrasive is a fabric with embedded abrasive grains from aluminium oxide or silicon carbide. An important quality characteristic is the penetration of the non-woven material with abrasive grain. We only use non-woven abrasive which is completely infiltrated with abrasive material. This guarantees high tool life as well as uniform abrasive effects.

In order to intensify the cutting performance flap wheels may be combined with abrasive cloth.

**Applications**

- Cleaning, fine grinding
- Mat and satin finishing
- Burnishing of grinding marks
- Deburring
- Burnishing of wood and lacquers
- Roughening of plastics in preparation for glueing or varnishing


**Non-woven types and abrasive cloth**

Non-woven type	Effect	Grit type
AJ 003 coarse	Grinding pattern like grit 60 - 80	Aluminium oxide
CP medium	Grinding pattern like grit 80 - 120, increased grinding effect	
AJ 004 medium	Grinding pattern like grit 80 - 120	
CP fine	Grinding pattern like grit 180-240, increased grinding effect	
AJ 006 fine	Grinding pattern like grit 180 - 240	
AJ 007 very fine	Grinding pattern like grit 280 - 400	Silicon carbide
SJ 008 super fine	Grinding pattern like grit 500	
SJ 009 ultra fine	Grinding pattern like grit 800	
FX white	very fine grit type for cleaning purposes	

The non-woven types medium, fine and very fine are also available in silicon carbide.

Standard abrasive cloth	60	80	120	150	180	240	320	400	500	F-, J-, X-backing
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**Flap Wheel MAL**

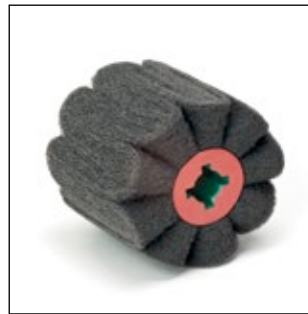

Material: Flaps from non-woven or non-woven mixed with abrasive cloth  
 Diameter: 100 - 410 mm  
 Width: 10 - 115 mm

**Flap Roller MAL-W**


Material: Flaps from non-woven or non-woven mixed with abrasive cloth  
 Diameter: 90 - 500 mm  
 Width: 100 - 2.000 mm

**Flap Roller MAK-W**


Material: Flaps from non-woven or non-woven mixed with abrasive cloth  
 Diameter: 60 - 125 mm  
 Width: 50 - 100 mm

**Undulated Roller MAW-W**


Material: Undulated non-woven  
 Diameter: 100 - 125 mm  
 Width: 50 / 100 mm

**Flap Wheel with shaft MAF**


Material: Flaps from non-woven or non-woven mixed with abrasive cloth  
 Diameter: 20 - 100 mm  
 Width: 20 - 50 mm

**Undulated Wheel MAW**


Material: Undulated non-woven  
 Diameter: Standard folding: 150 - 300 mm  
 Dense folding: 350 - 500 mm  
 Width: Standard folding: 30 - 40 mm  
 Dense folding: 20 - 25 mm



**Buff MAO**


Material: Non-woven, irregular folding  
 Diameter: 250 - 500 mm  
 Width: 20 mm

**Disc Brush MAT / MAT-F**

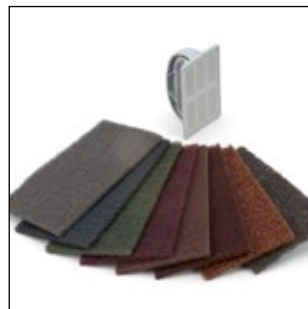

Material: Flaps from non-woven or non-woven mixed with abrasive cloth  
 Diameter: 80 - 400 mm

**Disc Brush MAT / TBA for manual grinders or deburring machines**


Material: Flaps from non-woven, non-woven mixed with abrasive cloth, Tampico or wire  
 Diameter: 80 - 400 mm

**Disc MAV / MAV-G**


Diameter: 30 - 400 mm

**Pad MAZ / Roll MAR**


### Belt MAB / SCB



Material: MAB: Non-woven on cloth backing  
SCB: Non-woven compressed

Length: MAB: up to 10.000 mm  
SCB: up to 10.000 mm

Width: MAB: 50 - 300 mm  
SCB: 6 - 1.360 mm

### Compact Wheel MAK



Material: Non-woven abrasive spirally wound  
or compressed

Diameter: spirally wound 152 / 203 mm  
compressed 25 - 152 mm

Width: spirally wound 12 - 50,8 mm  
compressed 6 - 25 mm

## Abrasive Cloth

We offer a comprehensive range of flexible grinding tools and belts for all grinding applications.

### Applications

- Grinding of metal, wood, lacquer, plastics
- Outside grinding of contoured workpieces
- Inside grinding of cups, pots, wheels, etc.
- Grinding of welding seams
- Grinding in grooves and angles
- Burnishing of wood and wood profiles
- Roughening of plastics in preparation for glueing or varnishing
- Deburring of complex shaped aluminium profiles

### Material

Depending on the customer specific task the grinding tools may be produced from highly flexible abrasive cloth or – for high cut or wet applications – from stiff X- or Y-cloth. Thereby the features of our grinding tools may be perfectly tuned to the customer's application.



The abrasive cloth is as standard available in the following grit sizes:

P60 - 80 - 120 - 150 - 180 - 240 - 320 - 400 - 500 - 600

## Flap Wheel SLS



Material: Abrasive cloth, lengthwise slit  
Diameter: 250 - 400 mm  
Width: 20, 30, 50, 75, 100, 115 mm



Material: Abrasive cloth, non-slit  
Diameter: 100 - 450 mm  
Width: 25 - 100 mm

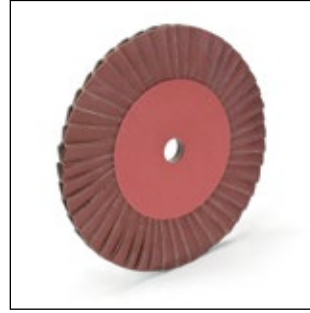


**Flap Wheel with shaft SLF / Flap Roller SLS-W**



Material: Abrasive cloth, non-slit  
Diameter: SLF: 10 - 100 mm  
SLS-W: 100 / 110 mm  
Width: SLF: 3 - 50 mm  
SLS-W: 50 / 100 / 120 mm

**V-Flap Wheel SLV**



Material: V-shaped flaps  
Diameter: 170 - 400 mm  
Width: 10 mm

**Sanding Star STE / Sanding Star Roller STE-W**



Material: Abrasive cloth, lengthwise slit  
Diameter: 60 - 400 mm  
Width: 8 - 10 mm  
May be mounted together side by side on the shaft up to any width.

**Buff STS**



Material: Abrasive cloth, lengthwise slit  
Diameter: 250 - 500 mm  
Width: 20 mm

**Belt SCH**



Material: AlO, SiC, Ceramic, Diamond, 3M®-Trizact®  
Grit: 36 - 3.000  
Backing: X, Y, F, J, J-flex

**Flap Brush LSB**



Material: Abrasive cloth, lengthwise slit  
Backed by Tampico brush strips  
Exchangeable strips  
Diameter: 150 - 300 mm  
Width: 38 - 100 mm

## Abrasive Nylon

Abrasive brushes are made from nylon filaments containing abrasive grain. The high variety of filament types allows us to adapt the abrasive brushes perfectly to the individual requirements.

Thanks to our flexible production structure we are able to offer besides our standard radial brushes also special brush types to solve complicated deburring tasks.

### Applications

- Light to medium deburring, removing of secondary burrs at metal and plastic parts
- Removal of light rust (flash rust) and thin oxide layers
- Cleaning of soldering and welding seams (removal of heat tinting) keeping the seam shape
- Cleaning
- Roughening of rubber, leather and plastic
- Structuring of solid wood
- Smoothing of grinded wood
- Surface finish (mat impact)



### Available standard filaments

The below listed filaments are available ex stock. With these types we may cover most requirements. Specifically adapted filaments for particular applications are available on demand.

<b>SiC</b>				
Grit	46 60 80 120 180	120 320 500	46 60 80	46
Filament size	Ø 1,0 - 1,6 mm	Ø 0,56 mm	1,25 x 2,5 mm	Ø 2,5 mm
Form	round	round	rectangular	round

<b>AO</b>			
Grit	120 180 500		
Filament size	Ø 1,0 - 1,2 mm		
Form	round		

### Abrasive Brush CBT



Diameter: 150 - 400 mm  
Width: Cardboard core 15 mm  
Metal core 12 - 100 mm

May be mounted together side by side on the shaft up to any width

### Abrasive Brush CBT-K / CBT-W



Diameter: 60 - 125 mm  
Width: 15 - 100 mm

### Abrasive Disc Brush CBT-T



Diameter: 60 - 400 mm



### Interior Brush INB



Diameter: 6 - 32 mm

### Abrasive Brushes CBT-T / CBP – Special Types



Brush dimensions and design are adapted to the individual requirements of the customer's application.

## Felt

For our felt products we only use high-quality wool felts in different compositions and densities (0,20 g/cm<sup>3</sup> to 0,72 g/cm<sup>3</sup>).

### Applications

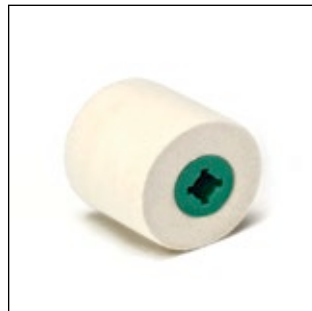
- Prepolishing, polishing, finishing of all materials
- Polishing applications which require a defined tool shape
- Dressing of knives after grinding
- Fine grinding and grinding with emery glue compound
- Treatment of carbide metal with diamond paste
- Edge rounding of mineral composites



### Felt Polishing Wheel FIS



Material: Wool felt  
 Diameter: 30 - 600 mm  
 Width: 5 - 100 mm



### Felt Flap Wheel FIK-W



Material: Flaps from wool felt  
 Diameter: 80 - 410 mm  
 Width: 60 - 100 mm





**Felt Disc FIS-T / FIT**


Material: FIS-T: Wool felt  
 FIT: Spirally wound wool felt  
 Diameter: 125 / 175 mm

**Felt Flap Disc FIL-T / FIL-F**


Material: Flaps from wool felt  
 Diameter: FIL-T: 80 - 400 mm  
 FIL-F: 115 mm

**Felt Polishing Bob FIP**


Material: Wool felt  
 Diameter: 10 - 30 mm

**Felt Polishing Belt FIB / Contact Belt FID**


Material: Wool felt laminated on cloth backing  
 Length: 200 - 10.000 mm  
 Width: 13 - 300 mm

**Felt Cut FZU / Felt Strips FST / Felt Discs FRO**


Material: Wool felt  
 Options: Velcro backing  
 Self-adhesive backing

**Felt Rings FRI / Punched Felt Parts FZU**


Material: Wool felt  
 Types: Rings according to DIN  
 Customer specific forms

## Wire

Our wire brush program covers not only standard brushes in wire sizes 0,2 to 0,5 mm but is also focused on extremely fine wire sizes from 0,06 to 0,15 mm.

### Applications

- Removal of light burrs, light derusting
- Gentle mat finishing and cleaning of metal
- Cleaning, roughening and brushing of plastic, wood, leather, rubber and other materials
- Cleaning of soldering and welding seams (removal of heat tinting)

### Wire types

- Steel wire
- Stainless steel wire
- Brass coated steel wire
- Brass wire
- Cord wire
- Nickel silver wire



### Wire Brush DSA / DMA / DNA



Diameter: 80 - 350 mm  
Width: 5 - 30 mm

### Wire Brush on Metal Tube DSN / DMN / DNN



Diameter: 80 - 180 mm  
Width: 5 - 30 mm

**Wire Brush on Metal Core DSS / DSS-W**

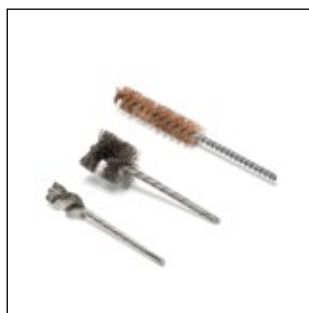

Diameter: DSS 80 - 350 mm  
 DSS-W 100 mm  
 Width: DSS 18 - 100 mm  
 DSS-W 70 / 100 mm

**Wire Cup Brush DSS-T / Wire End Brush DSS-P**


Diameter: DSS-T 40 - 70 mm  
 DSS-P 12 - 70 mm

**Wire Brush with Shaft DSS-F**


Diameter: 20 - 80 mm

**Interior Brush INB**


Diameter: 6 - 32 mm  
 Shaft: Twisted wire or threaded connection

**Wire Cup Brush KBM / KBN / KBS**


Diameter: 30 - 120 mm  
 Shape: Cylindrical, round

## Elastic Bonded Abrasives

Elastic grinding tools are bonded abrasives in which abrasive grains (silicon carbide, aluminium oxide or diamond) are embedded in an elastic resin binding. These tools are uniformly infiltrated with abrasive grains and are available in different hardness and grit sizes.

### Applications

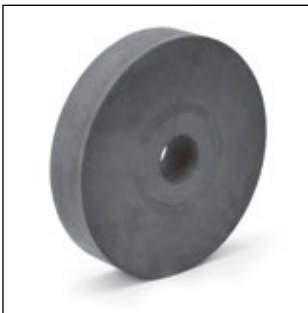
- Deburring and fine grinding of metals
- Reduction of surface roughness
- Dressing of knives after sanding
- Fine grinding applications which require defined tool-shapes
- Mottling of surfaces
- Derusting
- Roughening of leather and textiles

### Characteristics

- Defined, but in soft bindings yet flexible
- High dressing and profiling ability (with diamond dressing tools)
- Self-sharpening effect through even grain distribution in the tool. At wearing steadily new grain is deployed
- For dry use or with coolant (water, emulsion, grinding oil)



### Elastic Grinding Wheel ELS / ELS-W



Diameter: ELS: 50 - 300 mm  
 ELS-W: 100 mm  
 Width: ELS: 10 - 60 mm  
 ELS-W: 50 / 100 mm

### Elastic Cup Brush ELS-P / Elastic Pad ELS-H



Diameter: ELS-P: 16 - 40 mm  
 Dimensions: ELS-H: 115 x 60 x 30 mm  
 120 x 65 x 30 mm  
 80 x 65 x 20 mm



## Contact Wheels

Contact wheels are used as support for grinding belts or as guide rolls at belt grinding machines.

Type, hardness and length of the trimming may be varied and thus adapted to the customer-specific requirements. In order to increase the accessibility of the wheel at complex workpiece shapes the trimming may be tapered. Also off-centre cores are possible.

The aluminium core of used wheels may be recovered repeatedly.



### Contact Wheel KOG



Material: Rubber, smooth or grooved  
Diameter: 50 - 450 mm  
Width: 30 - 200 mm  
Hardness: 30 - 90° Shore

### Contact Wheel KOS



Material: Foam, smooth or grooved  
Diameter: 50 - 450 mm  
Width: 30 - 200 mm  
Hardness: 20 - 50° Shore

**Contact Wheel KOS-L**



Material: Foam flaps bevelled or straight  
Diameter: 100 - 450 mm  
Width: 30 - 200 mm  
Hardness: 20 - 50° Shore

**Contact Wheel KOK-L**



Material: Foam flaps, alternating soft and hard flaps  
Diameter: 100 - 450 mm  
Width: 30 - 200 mm  
Hardness: 70 - 90° Shore

**Expanding Wheel KOE**



Material: Rubber, slit  
Diameter: 50 - 450 mm  
Width: 30 - 200 mm  
Hardness: 30 - 90° Shore



**Guiding Roller KOR**



Material: Rubber, straight or crowned  
Diameter: 50 - 450 mm  
Width: 30 - 200 mm  
Hardness: 90 - 96° Shore  
Types: With bearings and axle or bore

## Compounds and Cleaners

For polishing applications we offer polishing compounds and emulsions whose composition is adapted to the workpiece material and the application.

### Types

- Manual polishing: solid bars with 0,7 to 1,4 kg
- Operation on automated machines or robot systems:
  - Solid bars for use in automated feeding devices
  - Emulsions for use in high- and low-pressure guns
    - Hobbocks of 35 - 40 kg
    - Barrels of 200 kg
    - Containers of 700 - 1.000 kg

### Products on stock

For manual use, we have a standard program of polishing compounds on stock covering the main polishing applications for each material.



### Grinding Oil BSO



### Grinding Fat SFF



### Universal Cleaner PRE



### Vienna Lime WIK



Application: Removal of polishing compound residues  
 Degreasing of workpieces  
 Characteristics: Without solvent and silicone  
 Biodegradable  
 Packaging: Concentrate for being diluted with water  
 Bottle 1 liter, Can 5 liter

Application: Removal of polishing compound residues  
 Degreasing of workpieces  
 Characteristics: Dry use  
 Packaging: Can 400 g  
 Bucket 2 kg, 5 kg

## Accessories



## bi-flex® Mop Dresser BMD



- Dressing tool for cotton and sisal buffs and mops
- For dressing and roughening of used and incrustated wheels
- Very safe dressing tool. Thanks to the arched form it does not get caught in the turning wheel and is hold nicely in one's hand due to the conical handles.
- Exchangeable dressing pad

## Dressing Tool ABR



- Dressing tool for wheels made from non-woven, non-woven/abrasive cloth or sisal
- For dressing and profiling of the wheels
- Exchangeable diamond blade with 360° utilization
- For manual operation or on turning lathes

## Clamping Plate ZSP



- Reusable metal clamping flange for abrasive flap wheels SLS
- The flange edges fit into the slot of the flap wheel

## Clamping Plate ZSP



- Reusable plastic clamping flange for abrasive flap wheels SLS



**bi-flex® Center Plate ZKZ**

- Reusable center plate from sheet steel
- Advantage of corrugated rim compared to straight rims of conventional center plates: no twisting of polishing buffs on the roller shaft
- With or without cooling bores
- Bore according to machine shaft, also available with slots

**bi-flex® Cooling Center Plate ZKZ**

- Reusable center plate from die-cast aluminium for mounting of polishing buffs on a roller.
- Thanks to patented cooling rib system active buff cooling by ventilation effect. The air is sucked through the cooling bores and blown to the outside.  
Reduced heat accumulation and thus prevention of excessive heating of buffs and workpieces
- Particularly suitable as distance ring in polishing buff rollers
- Bore according to machine shaft, also available with slots

**bi-flex® Zigzag Spacer Ring DIS**

- Zigzag spacer ring from die cast aluminium for loosening up polishing buff rollers.
- The zigzag shape prevents twisting of the buffs on the shaft
- With or without anti-twist noses

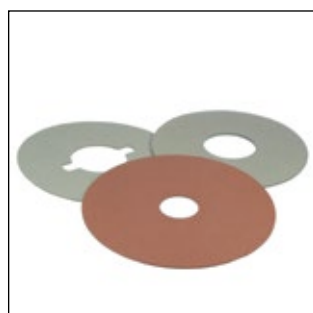
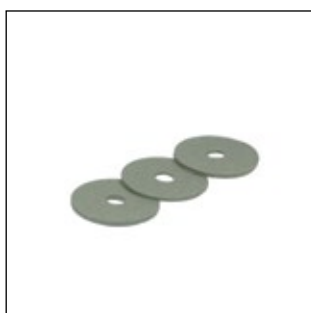
### Mandrel SPD / Reducer Ring RED



### Support Plate SSP-H



### Spacer Disc DIS





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