Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

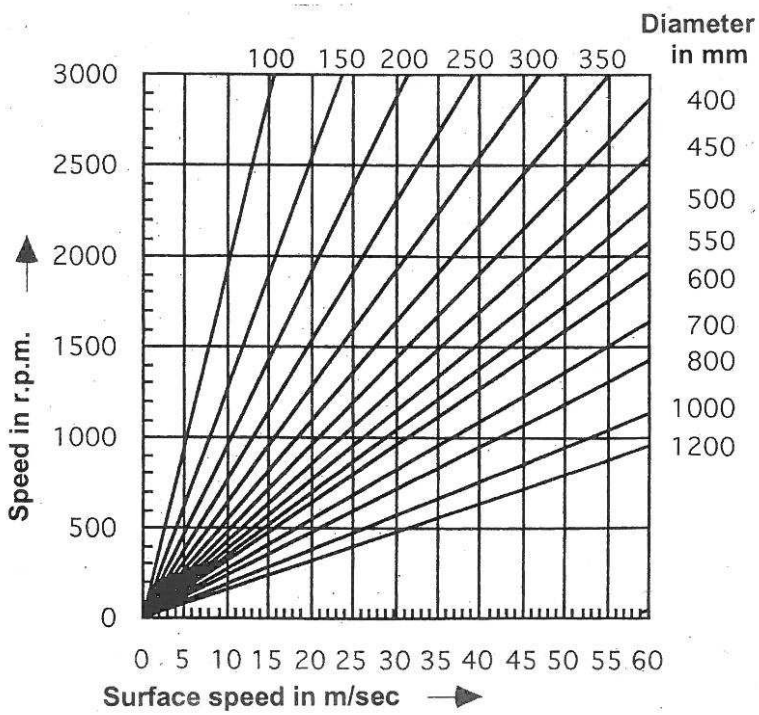
Kreeb
GRINDING AND POLISHING TOOLS

## Suggestions for Grinding and Polishing

This diagram indicates:

1. how to choose the correct brush-, buff- or wheeldiameter,
2. how to work with the proper speed,
3. how to select the most economical surface speed.

Before running expensive tests, make use of our **technical service.** We have a qualified staff, which can assist in answering your surface finishing problems. Furthermore you may send to our **testing department** examples of the parts which require surface finishing. Our staff will assist you in finding out the most economical finishing process.
In our **display room** you can obtain information about the complete line of our products.




**Recommended surface speeds:**

| Grinding | | Polishing | |
|---|---|---|---|
| Metals, in general | 30–40 m/sec | Stainless Steel | 30–35 m/sec |
| Stainless Steel | 20–30 m/sec | Non-ferrous Metals | 30–50 m/sec |
| Metal Carbides | 10–15 m/sec | Aluminium | 40–45 m/sec |
| Thermoplastic Resins | 8–15 m/sec | Thermoplastic Resins | 5–15 m/sec |
| Thermosetting Resins | 10–25 m/sec | Thermosetting Resins | 25–30 m/sec |
| Transparent Plastics | 3– 8 m/sec | Polyester Laquers | 15–30 m/sec |

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## Impregnations

### Impregnation of buffs and brushes – why?

**Impregnated buffs and brushes do not only work more efficiently, but also have a much longer life, due mainly to reduced fraying.**
**Compositions are retained much more strongly by impregnated fibres – buffs and brushes "head up" with compositions more readily and retain their "head" much longer.**

**Impregnated buffs and brushes are especially suited for matt and satin finishing.**
**All our impregnations have been developed through extensive testing for several years and are well proved in practice.**

### Impregnations M-types

With these impregnations the hardness of fibres (sisal, sisal/calico) can be varied in a wide range.

| | |
|---|---|
| **M 30** or **M 30 orange** | Soft, very flexible, increases life of sisal cord and sisal calico brushes. |
| **M 35** | transparent, as M 30, but more dry and a slightly higher reinforcing effect than M 30 |
| **M 50** | transparent, slightly harder than M 35 |
| **M 33 red** | as M 50, but slightly tacky |
| **M 60** | transparent, hard, but still flexible |
| **M 40** | transparent, hard, less flexible and more dry than M 60. |
| **M 70** | transparent, hard, but flexible. For heavy duty work |
| **M 90 violet** | very hard, slightly tacky. For heavy duty work |
| **M 90** | transparent, extremely hard. For extra heavy duty work |

### Impregnations J-types

These impregnations increase the elasticity of fibres and give a better finish to the article. They reduce the amount of composition used.

| | |
|---|---|
| **J 40 N** | orange, slightly tacky. Increases the hardness and the cutting ability of tampico brushes. |
| **J 90 N** | green, as J 40 N but harder. |
| **J 50 N** | violet, mainly used for sisal. Softer and more elastic than M 30 |

The treatments **J 40 N, J 90 N** and **J 50 N** reduce the hardness of sisal cord or sisal cloth.
Sisal becomes more tacky, softer and more elastic.

Heinrich Kreeb GmbH & Co. KG
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## Cloth Qualities

**– for all types of bias buffs and polishing mops –**

**For the special construction of these types of cloth, the manufacture of which is closely controlled, only highest grade long staple cotton yarn is used. Therefore we can guarantee constant quality of material, constant yarn number, count of yarn and cloth finishing.**

**SU 89** yellow impregnated, very hard, very fast cutting.

**SU 70** hard grade, high thread count cloth for heavy duty work.

**SS 40** red top quality. The high thread count and a special weave,bleaching and dyeing makes this cloth suitable for fast cutting as well as for finishing. "Deep blue" mirror finish on stainless steel.

**SU 69** hard cloth, standard quality for prepolishing operations.

**SU 80** medium hard cloth, high thread count.

**RO 24** as SU 80, but slightly softer.

**RO 18** as RO 24, but slightly softer.

**RO 25** medium grade standard cloth which covers a very large range of uses.

**MAG** special treatment, high thread count, but soft and very flexible. Very high life time even as loose leaf mop.

**SU 90** lightweight cloth with a very dense weave.

**RO 16** light grade standard cloth for polishing and finishing.

**PS 35** as RO 16, but bleached (white colour).

**RO 12** very light cloth for finishing.

**HM 30** soft grade cloth, raised on both sides. For finishing and colouring operations.

**FL 31** „Swansdown cloth". Very soft grade. Suitable for finishing and colouring.

## Cloth Qualities

**– for polishing mops and stitched mops –**

**Mops manufactured from these types of cloth are low priced and economical in use. The various qualities in this range cover almost every requirement in polishing and finishing.**

All qualities can be supplied only as loose leaf or stitched mop.

**SB 52** coloured shirting, medium grade for general purpose work.

**SW 53** as SB 52, but bleached (white colour).

**NT 54** coloured, closely woven and treated cloth. Suitable for fast cutting operations.

**ME 55** similar to NT 54 but extremely fine yarn and very high thread count.

**SD 56** hard grade, high thread count twill cloth for heavy duty work. Grey or rose coloured.

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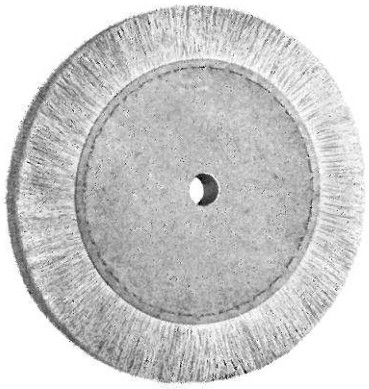
**Tampico Brush** **CBO**

Manufactured from white double drawn mexican fibre with cardboard centre. Mixtures, i. e. black/white, on request. (Impregnations see page 1a.)

Dias.: 80–900 mm
(smaller dias. see pages **"cutlery polishing"**).
All widths and bore sizes.

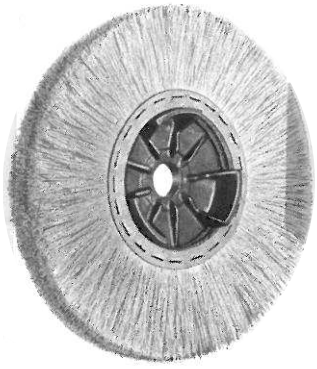
Can be supplied with extra thin cardboard washers suitable for building up rollers of any required width.



**Tampico Brush Section** **CBO-R**

Manufactured without permanently fixed cardboard centre. To be used with specially constructed aluminium centre/clamping plates. Material as CBO.

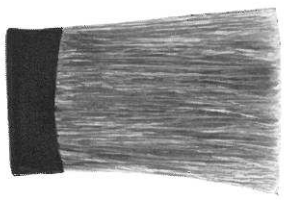
Dias.: 250–500 mm
Inner dias.: 100, 130, 140 and 200 mm
Other inner dias. on request
Width: 10 mm
The complete wheel can be built up to a max. width of 60 mm by adding extra sections.



**Tampico Segment** **CBL**

Material as CBO.
Available in various lengths.
Standard widths: 30 and 50 mm.

To be used with a specially constructed light alloy hub. Sizes on request.



**Applications of CBO, CBO-R and CBL:**

Tampico brushes are suitable for fine grinding and matt finishing of all metals. With impregnations extra high efficiency (see page 1a).

Heinrich Kreeb GmbH & Co. KG
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**Tampico Roller** **CBO-W**
on metal tube

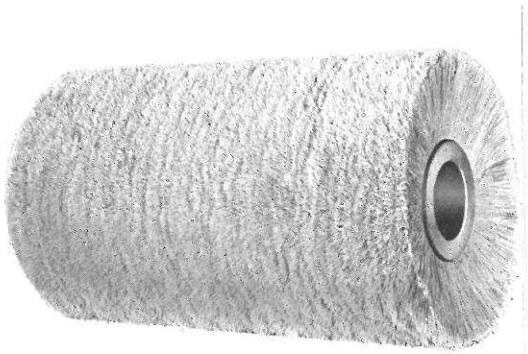
Made from white, double drawn mexican fibre (tampico).

For the top surface of drainers:
Dias.: 300–450 mm
Widths: up to 1000 mm
Bore size: 100 mm

For the inside of bowls:
Dias.: 130–200 mm
Widths: up to 200 mm
Bore sizes: 40, 50 and 60 mm

**Applications:**

Fine grinding and matt finishing of stainless steel drainers and bowls with automatic polishing machines.



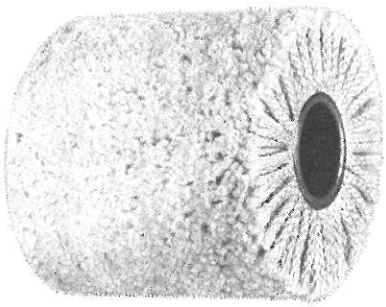
**Sisal Cord Roller** **SKB-W**
on metal tube

Made from braided or twisted sisal cord.

Dimensions as CBO-W.

**Applications:**

Polishing and Finishing of stainless steel drainers and bowls, especially with automatic polishing machines.



**Sisal Bias Buff** **SGS-R**

Sections made from sisal cloth on the bias principle.

Dias.: 150–200 mm
Inner diam.: 50 mm
Width: 10 mm
Standard stitching: 5 mm

**Applications:**

Polishing of the bottom of stainless steel bowls with automatic polishing machines.

**CBO-W, SKB-W and SGS-R can be impregnated for higher life and better cutting ability**
(see page 1a).

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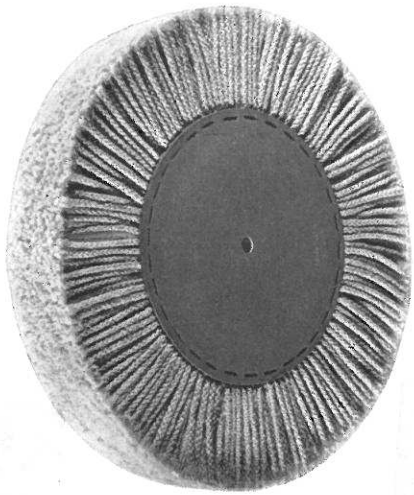
**Sisal Cord Brush** **SKB**

Made from sisal cord, braided or twisted.
Cardboard centre.

Dias.: 150–900 mm
(smaller dias. see pages **"cutlery polishing")**
All widths.
All bore sizes.

Can be supplied impregnated for extra rapid cut and increase in life (impregnations see page 1a).

**Applications:**
Fine grinding and polishing of all metals. The high flexibility makes this brush especially suited for the treatment of difficult profiled parts. **Strongly recommended for all manufacturers of anodized aluminium.**



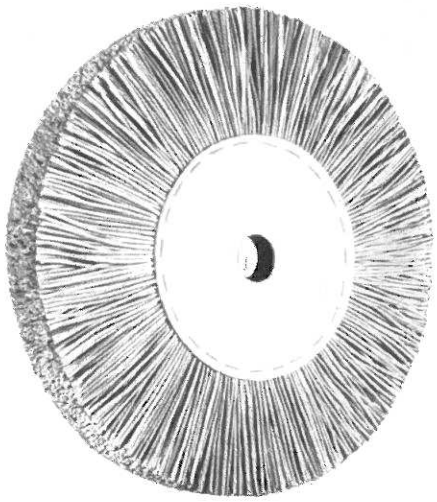
**Paper String Brush** **CDB**

Made from paper string with cardboard centre.

Dias.: 150–900 mm
All widths and bore sizes.

**Applications:**

Buffing and finishing of all metals, especially aluminium, non-ferrous metals and stainless steel. Smoothing of grinded wood and sanded varnish.
High flexibility and **extremely cool in operation.**



Heinrich Kreeb GmbH & Co. KG
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phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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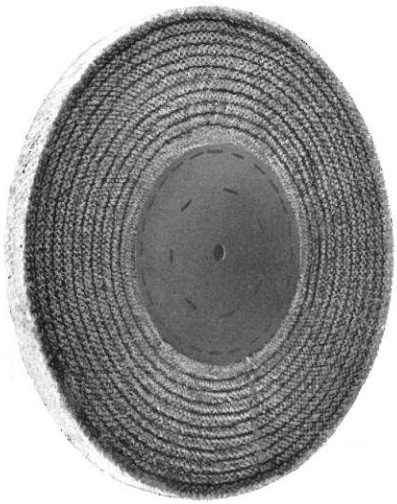
**Sisal Bias Buff** **SGS**

Manufactured from high grade sisal cloth on the bias principle with cardboard centre. They will not fray out and have a much improved life over conventional stitched sisal buffs.

Dias.: 150–900 mm
Widths: 15, 20, 25 and 30 mm
(can be supplied built up to any width)
Standard stitching: 10 mm
Stitching can be varied to give less or more flexibility. All bore sizes.

**Can be supplied impregnated for extra rapid cut and increase in life (see page 1a).**



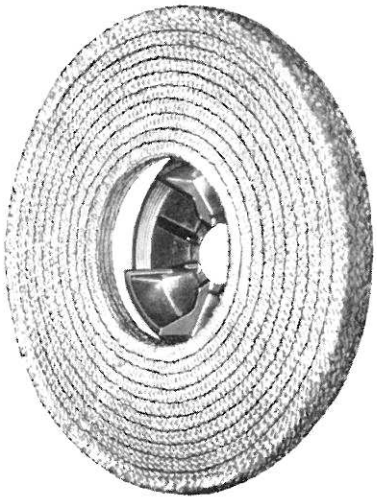
**Sisal Bias Section** **SGS-R**

Section without permanently fixed cardboard centre. To be used with centre plates to build up rollers of any desired width.
Material as item SGS.

Dias.: 150–600 mm
Inner dias.: 130, 140, 200 and 230 mm
Other inner dias. on request.
Widths and stitching as item SGS.

**Applications of SGS and SGS-R:**

Fine grinding, polishing and finishing of all metals. Suitable for manual and automatic polishing. Recommended for use with centre-less polishing machines.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
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phone +49-7161-9274-0 fax +49-7161-9274-14
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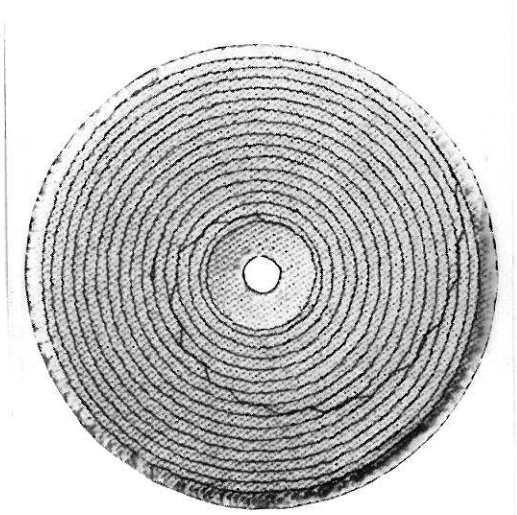
**Sisal Mop** **SGA**
full discs

This conventional stitched sisal mop is manufactured from full discs of **extra closely woven sisal cloth.** Available with alternate layers of sisal and calico.
Can be washered in various thicknesses on request.
Stitching can be varied to give less ore more flexibility.

Dias.: 60–600 mm
Widths: 5–30 mm
Standard stitching: 5 mm
All bore sizes.

**Can be supplied impregnated for extra rapid cut and increase in life**
(impregnations see page 1a).



**Applications:**

Suitable especially for manual fine grinding, polishing and finishing of all metals. Small diameters (60–150 mm) are widely used for **manual and automatic polishing of cutlery.**

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
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**Sisal/Calico Bias Buff** **SNF**
irregular pleating

Manufactured from irregularly pleated alternate layers of extra closely woven sisal cloth and high grade calico on the bias principle. (Weft and warp threads run to the periphery of the buff at an angle of 45°.)

Dias.: 150–550 mm
(smaller dias. see pages "cutlery polishing")
Width: 22 mm
All bore sizes.

**Can be supplied impregnated for extra rapid cut and higher life**
(impregnations see page 1a).

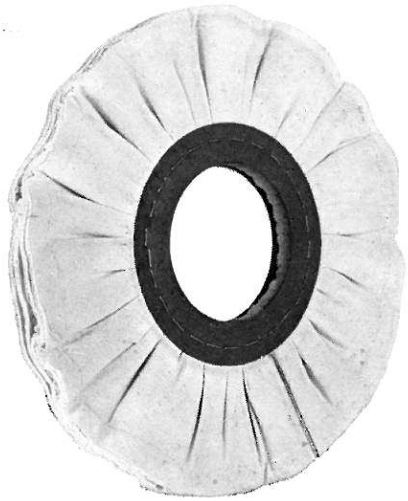
**Sisal/Calico Bias Section** **SNF-R**
irregular pleating

Material and construction as SNF.

Dias.: 150–550 mm
Inner dias.: 70, 80, 115, 130 and 230 mm
Other inner dias. on request.
Width: 22 mm
To be used with centre plates of any construction.

**Applications of SNF and SNF-R:**

Polishing and finishing of all metals. Widely used for manual and automatic polishing of aluminium and stainless steel. Especially suitable **for use with automatic reciprocating table machines** for polishing i. e. car trimming strips or aluminium profiles.



Heinrich Kreeb GmbH & Co. KG
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73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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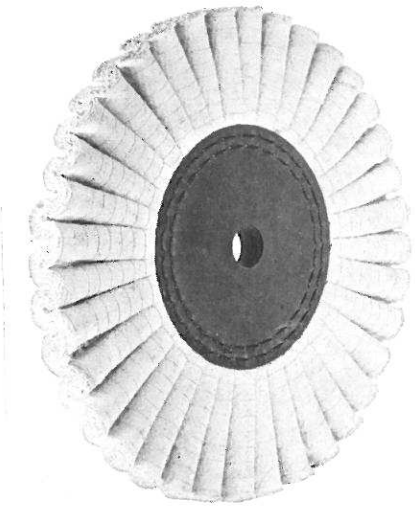
**Sisal/Calico Bias Buff** **SNW**
regular, heavy pleating

Manufactured from regularly, heavily pleated alternate layers of closely woven sisal cloth and calico on the bias principle. The exaggerated wavy face makes a cool running buff with high cutting ability.

Dias.: 300–450 mm
Width: 22 mm
All bore sizes.

**Can be supplied impregnated for extra rapid cut and higher life** (impregnations see page 1a).



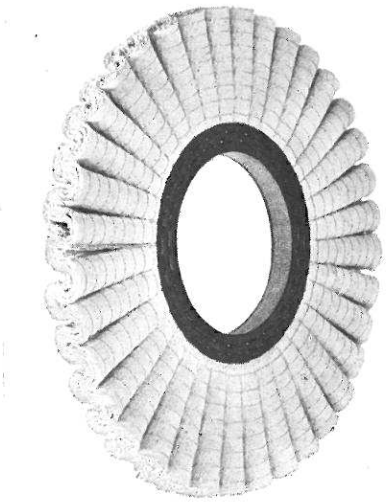
**Sisal/Calico Bias Section** **SNW-R**
regular, heavy pleating

Section without permanently fixed cardboard centre. To be used with centre plates of any construction. Material as item SNW.

Dias.: 300–450 mm
Inner dias.: 130, 150 and 170 mm
Width: 22 mm

**Applications of SNW and SNW-R:**

Polishing and finishing of all metals. Flexible and cool in running. **High cutting ability.** Especially suited for automatic polishing.



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Germany
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info@kreeb.com - www.kreeb.com

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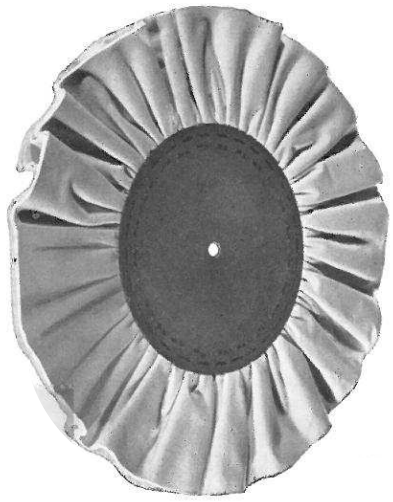
**Bias Buff** **SPF**
irregular pleating

Manufactured from highest grade cotton cloth on the bias principle **(cloth qualities see page 1b)**. Slightly, irregularly pleated. Number of plies according to cloth quality used.

Dias.: 150–600 mm
(smaller dias. see pages "cutlery polishing")
Widths: 15–17 mm or 18–20 mm
All bore sizes.

Can be supplied impregnated to increase buff hardness and life (impregnations see page 1a).



**Bias Section** **SPF-R**
irregular pleating

Section without permanently fixed cardboard centre. Available in any inner diameter to suit centre plates of any construction.

Materials, diameters and widths as item SPF.

**Applications of SPF and SPF-R:**

Polishing and finishing of metals, plastics and laquers. The slight, irregular pleating makes **a flexible buff,** which is recommended **for general purpose work** with automatic and manual polishing machines. Suitable for flat and contoured workpieces.

Heinrich Kreeb GmbH & Co. KG
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73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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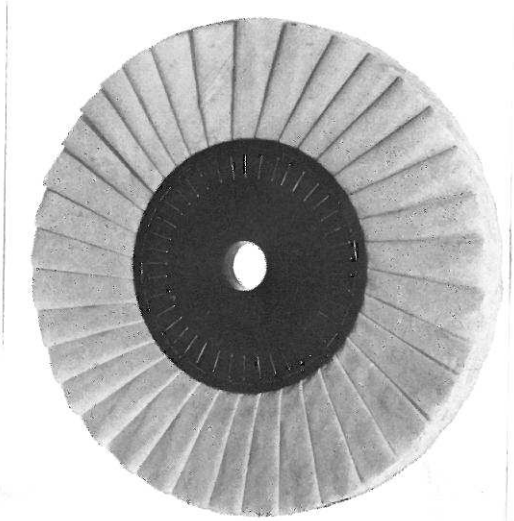
**Bias Buff** **SPP**
regular, tight pleating

Manufactured from highest grade cotton cloth on the bias principle **(cloth qualities see page 1b)**. Two layers of cloth are folded into regular tight pleats.

Dias.: 150–1000 mm
Width: 18–20 mm
All bore sizes.

Can be supplied impregnated to increase buff hardness and life (impregnations see page 1a).



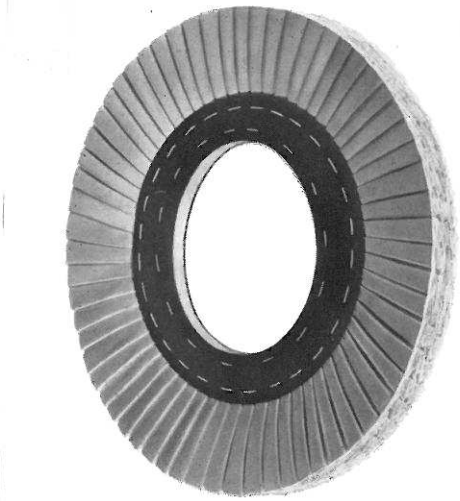
**Bias Section** **SPP-R**
regular, tight pleating

Sections without permanently fixed cardboard centre. Available in any inner diameter to suit centre plates of any construction.

Materials, diameters and widths as item SPP.

**Applications of SPP and SPP-R:**

Polishing and finishing of all metals, plastics and laquers. The special pleating has the effect of **high cutting ability,** better cooling properties and very high flexibility especially if used with spacers between each buff or section.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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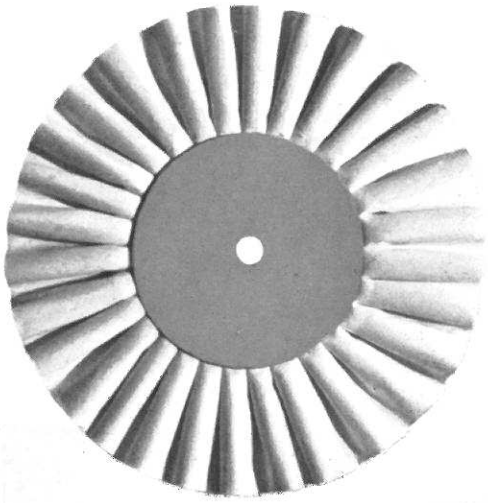
**Bias Buff** **SPW**
regular, heavy pleating

Manufactured from highest grade cotton cloth on the bias principle **(cloth qualities see page 1b)**. 8 to 16 layers of cloth (depending on the cloth quality) are regularly pleated to form an exaggerated, wavy face.

Dias.: 150–600 mm
Width: 20 mm
All bore sizes.

**Can be supplied impregnated to increase buff hardness and life** (impregnations see page 1a).



**Bias Section** **SPW-R**
regular, heavy pleating

Sections without permanently fixed cardboard centre. Available in any inner diameter to suit centre plates of any construction.

Materials, diameters and widths as item SPW.

**Applications of SPW and SPW-R:**

Polishing and finishing of all metals, plastics and laquers. The special pleating has the effect of an **exceptional fast cut** and of cool running. This type of pleating is much harder and firmer than any other. Widely used with automatic polishing machines. With soft qualities of cloth this buff is used by manufacturers of furniture for automatic polishing of laquers. Suitable to build up rollers of any desired width.

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info@kreeb.com - www.kreeb.com

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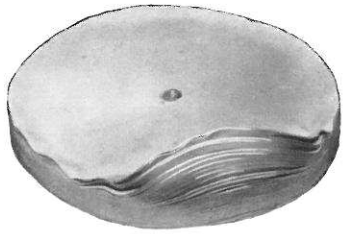
**Polishing Mop** **SCV**
full discs

Made from full discs, loose leaf or stitched.

Dias.: 50–1000 mm
Widths:
up to 25 mm (hard grade cloth)
up to 30 mm (medium grade cloth)
up to 35 mm (soft grade cloth)
All bore sizes.



**Polishing Mop** **SCV-G**
full discs, washered

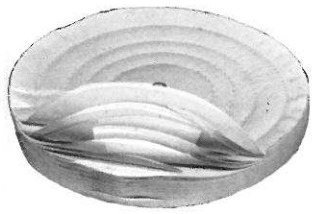
Made from full discs, leather or cardboard washered to any thickness required.

Dias.: 60–300 mm
Widths: 10–50 mm
All bore sizes.

**Stitched Mop** **SCF**

Made from quarter discs, open or close stitching.

Dias.: 200–1000 mm
Widths: as SCV



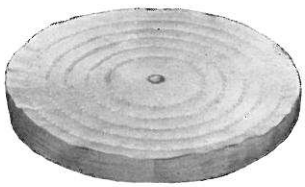
**Stitched Mop** **SCM**

Made from full discs (2/3) and quarter discs (1/3). SCM is a reliable substitute for SCV.

Dias.: 200–1000 mm
Widths: as SCV

**Stitched Mop** **SCK**
Made from small pieces of cloth, open or close stitching.

Dias.: 200–500 mm
Widths: as SCV
Stitching: 10, 15, 20, 30 mm



**All Polishing Mops and Stitched Mops are available in a wide range of cloth qualities (see page 1b).**

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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### Sisal Cord Mini Brush SKB-K

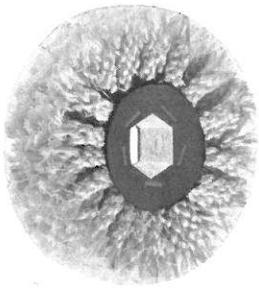
Made from braided sisal cord or sisal yarn. Wooden centre with cardboard washer.

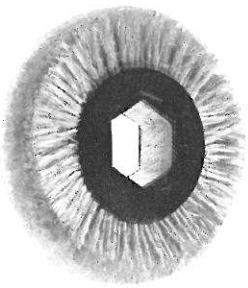
Dias.: 60–120 mm
Widths: 16–39 mm
Bore sizes: 12, 19, 24 mm,
round or hexagon.
Can be profiled for contour work.

**Can be supplied impregnated for extra rapid cut and higher life** (impregnations see page 1a).

**Applications:**

Polishing of cutlery especially with automatic polishing machines. Can be profiled for polishing the inside of spoon bowls.
Sisal yarn is more flexible than sisal cord and recommended for the smaller diameters of 60–70 mm.





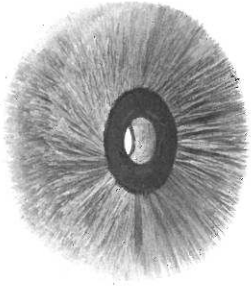
### Tampico Mini Brush CBO-K

Made from white, double drawn mexican fibre (tampico). Wooden centre with cardboard washer.

Dias.: 60–120 mm
Widths: 16–39 mm
Bore sizes: 12, 19, 24 mm,
round or hexagon.
Can be profiled for contour work.

**Applications:**

Fine grinding and especially **matt finishing of cutlery.** For manual work as well as for use with automatic polishing machines.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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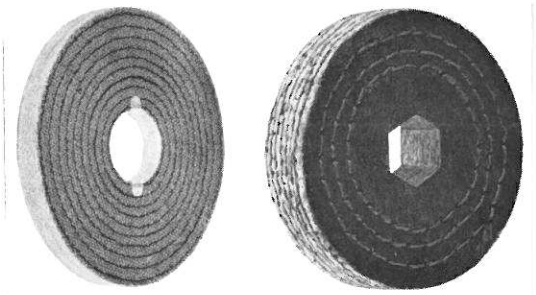
**Sisal Mop** **SGA**
full discs

Conventional stitched sisal mop made from full discs of extra closely woven sisal cloth. Available with alternate layers of sisal and calico. Stitching can be varied to give less or more flexibility.

Dias.: 60–600 mm
Widths: 5–30 mm
All bore sizes, round, hexagon and with key-ways. Standard stitching: 5 mm.



**Sisal/Calico Finger Sections** **SST**

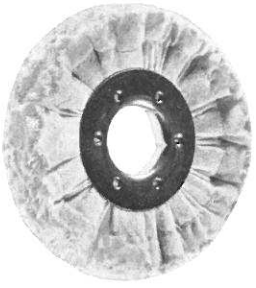
Sections made from 3 or 4 segments, containing bias cut sisal and calico.

Dias.: 75–120 mm
Number of segments: 3 or 4
All bore sizes.

**Sisal/Calico Mini Bias Buff** **SNF-K**
irregular pleating

Made from irregularly pleated alternate layers of woven sisal and calico on the bias principle. Metal centre.

Dias.: 70–120 mm
Width: 8–10 mm
Bore size: 12, 19, 24 mm
round or hexagon.



**SGS-K:** as item SNF-K, **SGS-K**
but **without calico layers.**

**All Mops and Buffs can be supplied impregnated for faster cut and higher life** (see page 1a).

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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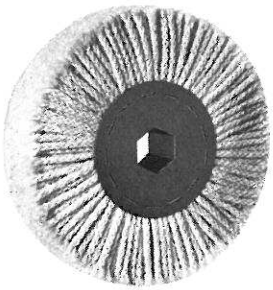
### Sisal Cord Brush — SKB

Made from sisal cord, braided or twisted.
Cardboard centre.

Dias.: 150–900 mm
All widths
All bore sizes, round, hexagon and with key-ways.
Can be profiled for contour work.

**Applications:**

Suitable for polishing of all parts of cutlery, especially with automatic machines.



### Tampico Brush — CBO

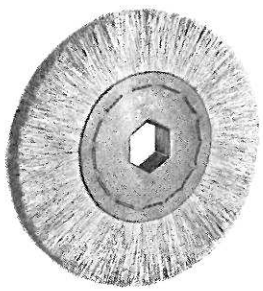
Made from selected, double drawn white mexican fibre (tampico) with cardboard centre.
Black and white tampico and other mixtures on request.

Dias.: 80–900 mm
All widths
All bore sizes, round, hexagon and with key-ways.
**Can be supplied with extra thin cardboard washers to build up rollers** of any required width.

**Applications:**

Fine grinding, matt finishing of all parts of cutlery for manual work as well as for automatic polishing.

**All brushes can be supplied impregnated for extra rapid cut and increase in life**
(impregnations see page 1a).



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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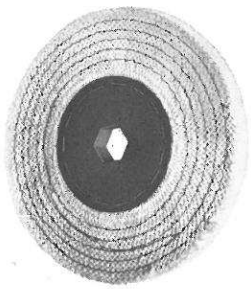
**Bias Sisal Buff**

**SGS**

Made from top grade woven sisal on the bias principle. Stitching can be varied from 5–20 mm to give less or more flexibility.

Dias.: 150–900 mm
Widths: 15, 20, 25 and 30 mm
All bore sizes, round, hexagon and with key-ways
Standard stitching: 10 mm



**Bias Sisal/Calico Buff**
irregular pleating

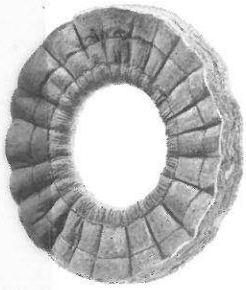
**SNF**

Made from extra closely woven sisal cloth and high grade calico on the bias principle.

Dias.: 150–550 mm
Width: 22 mm
All bore sizes

**SNF-R:** sections available in any inner diameter to suit centre and clamping plates of any construction.

**SNF-F:** as SNF but with a layer of felt for better retaining of compositions.



SNF-R

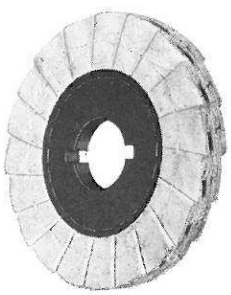
SNF-F

**Bias Sisal/Calico Buff**
regular pleating

**SNI**

Materials and sizes as SNF but regularly pleated.
High cutting ability.

**All buffs can be supplied impregnated for extra rapid cut and increase in life**
(impregnations see page 1a).



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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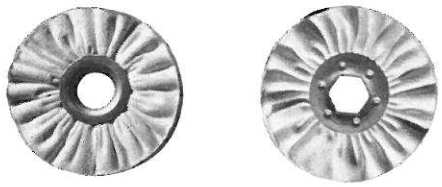
**Bias Mini Buff** **SPF-K**
irregular pleating

Ventilated sections made from high grade cloth with metal centre (cloth qualities see page 1b).

Dias.: 50–120 mm
Width: 8 mm
Bore sizes: 12, 19, 24 mm
round or hexagon.

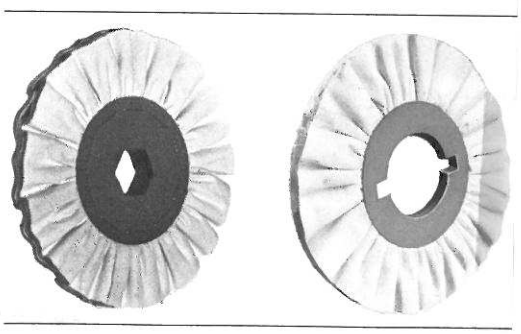


**Bias Buff** **SPF**
irregular pleating

Construction as SPF-K, but with cardboard centre.

Dias.: 150–600 mm
Widths: 15–17 mm or
18–20 mm

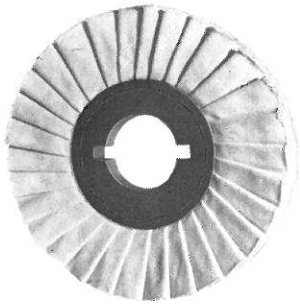
All bore sizes, round, hexagon and with key-ways



**Bias Buff** **SPP**
tight regular pleating

Ventilated sections with cardboard centre.
Made from high grade cloth (qualities see page 1b).

Dias.: 150–1000 mm
Width: 18–20 mm
All bore sizes, round, hexagon and with key-ways



**Bias Buff** **SPI**
tight regular pleating

Construction as SPP, but higher density.

**All buffs can be supplied impregnated for extra rapid cut and higher life**
(impregnations see page 1a).

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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**Chungking Brush** **CKG**

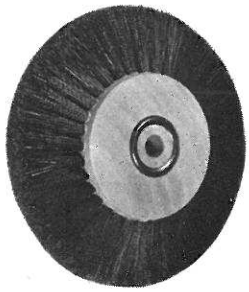
Made from high grade
Chungking bristles.
Wooden centre.

Dias.: 40–100 mm
Widths: 1–4 rows
Bore size: 6 mm

Straight or pointed profile.

**Applications:**

Fine Grinding and Polishing
of small parts of jewelry.



**Cotton Yarn Brush** **WML**

Made from high grade
cotton yarn.
Wooden centre.

Dias.: 60–150 mm
Widths: 15–55 mm
Bore size: 6 mm

**Applications:**

Mirror Finishing of non-
ferrous and precious metals.
With abrasive dressing suitable
for matt or satin finishing.

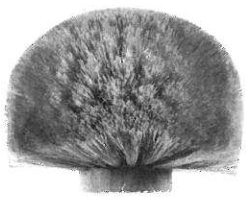
**Cup Brush,** tampico **KBF**
**Cup Brush,** cotton yarn **KBG**
**Cup Brushes**
Steel Wire **KBS**
Brass Wire **KBM**
Nickel Silver Wire **KBN**

Dias.: 30–130 mm

Dome shaped or cylindrical.

**Applications:**

Generally suitable for
internal surfaces.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
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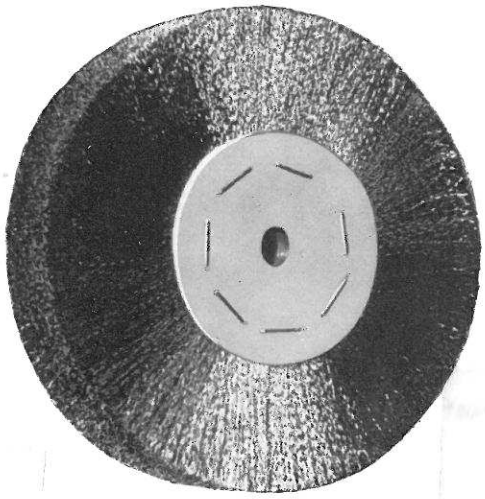
**Wire Brush**

| | |
|---|---|
| Steel Wire | **DSA** |
| Brass Wire | **DMA** |
| Nickel Silver Wire | **DNA** |

Cardboard centre.
High fill density.

Dias.: 80–350 mm
All widths.
All bore sizes.

Wire sizes:
0.06, 0.08, 0.10, 0.12 and 0.15 mm



**Wire Brush**

| | |
|---|---|
| Steel Wire | **DSN** |
| Brass Wire | **DMN** |
| Nickel Silver Wire | **DNN** |

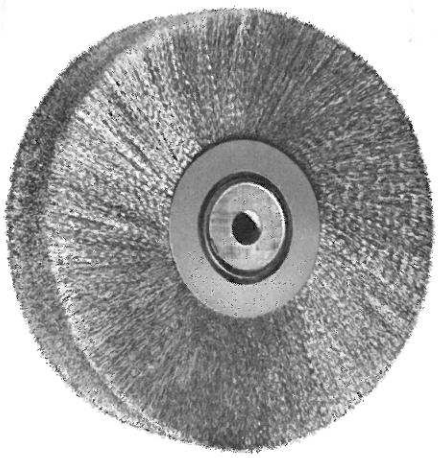
Metal/Wood centre.
Suitable for wet work.

Dias.: 80–180 mm
All widths
All bore sizes up to 25 mm

Wire sizes more than 0.15 mm
for heavy duty work on request.

**Applications of wire brushes:**

Matt finishing, burr removal, surface refinement, surface cleaning, derusting and roughing of metals and other materials.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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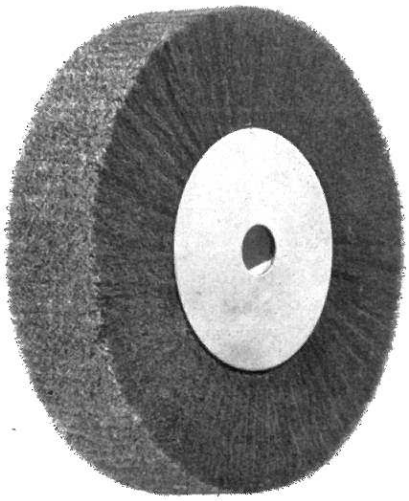
**Scotch-Brite Wheel**
Laminated

Made from radially disposed strips of Scotch-Brite (nylon fibres with resin bonded abrasive grains).
Wooden centre.

Dias.: 100–400 mm
Widths: 20–100 mm
All bore sizes.
Grit: **A (aluminium oxide)**
Medium, Fine, Very Fine
**S (silicon carbide)**
Medium, Fine, Very Fine, Super Fine, Ultra Fine
Densities:
3 = Soft, 5 = Standard, 7 = Hard

Can be supplied as rollers of any width on request.

**MAL**



**Scotch-Brite Wheel**
Regularly pleated

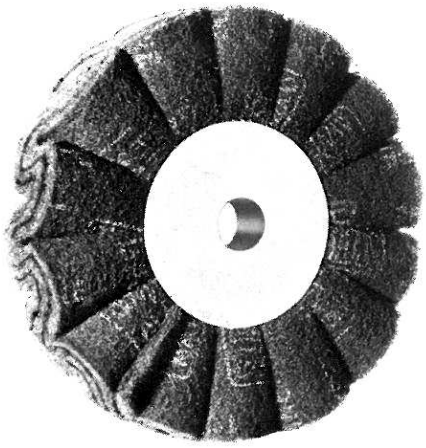
Sections made from regularly pleated Scotch-Brite.
Cardboard centre.
Suitable to build up "line free" rollers of any width.

Dias.: 200–400 mm
Width: Standard pleating 30 mm
Dense pleating 25 mm
All bore sizes
Grit: As MAL

**Applications of MAL and MAW:**

Matt finishing of all metals and other materials. Generally used dry without the need for polishing composition.
Suitable for surface cleaning, rust and oxide removal.

**MAW**



normal

**MAW**

close-flattened

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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**Scotch-Brite Discs**

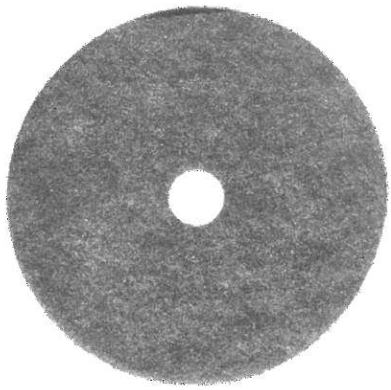
Manufactured from full discs of Scotch-Brite (nylon fibres containing resin bonded abrasive grains). Can be supplied loose-leaf or built up to wheels or rollers of any required width. Flexibility of rollers can be varied by interleaved small cardboard or plastic discs.

Dias.: 40–500 mm
Thickness: about 5–10 mm
All bore sizes

Grit: **A (aluminium oxide)**
Medium, Fine, Very Fine
**S (silicon carbide)**
Medium, Fine, Very Fine, Super Fine, Ultra Fine

Can be supplied self-adhesive.

**MAV**

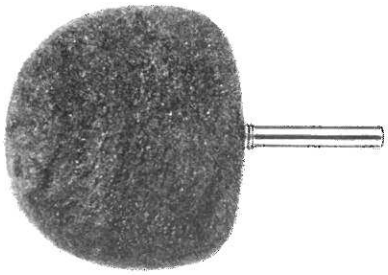


**Scotch-Brite Cup Brush**
with shank

Can be built up from 5–10 Scotch-Brite discs MAV with an interchangeable shank.

Dias.: 40–150 mm
Height: According to amount of MAV
Shank: 6 mm
Grit: As MAV

**MAK**

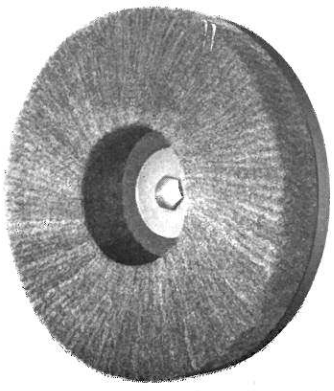


**Scotch-Brite Disc**
with shank

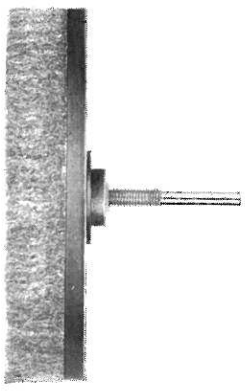
Manufactured from radially disposed Scotch-Brite strips with wooden back-up pad.

Dias.: 100 and 150 mm
Cushion height: 30 mm
Shank: 8 mm
Grit: As MAV

**MAT**



**MAT**



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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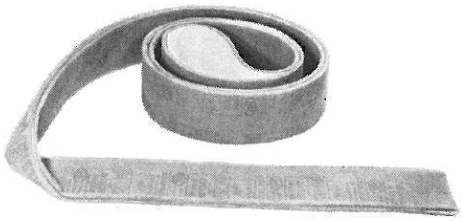
**Scotch-Brite Belt** **MAB**

Manufactured from Scotch-Brite (nylon fibres containing resin bonded abrasive grains) on an extra strong cloth backing.

Lengths: up to 12 000 mm
Widths: 30–300 mm
Grit: **A (aluminium oxide)**
Medium, Fine, Very Fine
**S (silicon carbide)**
Medium, Fine, Very Fine, Super Fine, Ultra Fine

**Applications:**

Suitable for use with all types of belt grinding machines for matt finishing, cleaning, light deburring of metals, plastics, lacquers, etc.



**Scotch-Brite Pad** **MAZ**

Cuts manufactured from Scotch-Brite in any shape, especially for manual work.

Standard package: 10 pads 120 x 200 mm
Grit: As MAB
Available as rolls with a length of 10 000 mm.
Can be delivered self-adhesive.

**Applications:**

Matt finishing and cleaning, for example anodes of electro-plating plants.
Derusting and light deburring.

Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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**Felt Belt** **FIB**

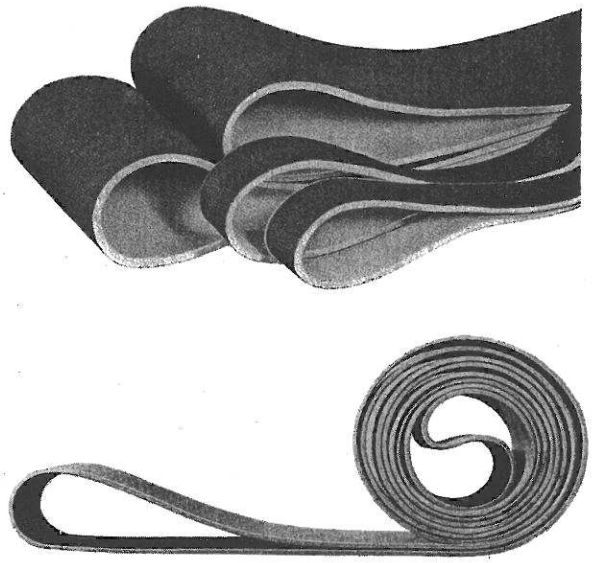
Manufactured from superior white felt on an extra strong cloth backing.
Double cloth backing on request.

Lengths: up to 10 000 mm
Widths: 20—200 mm
Cushion height: 3, 4 or 6 mm

**Applications:**

Suitable for use with all types of belt polishing machines for metals, plastics and lacquers. Suitable as finishing head with centre-less polishing machines.

**FIB**



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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**Plastic Bonded Abrasive Wheel** **ELS**

Manufactured from statistically distributed, plastic bonded abrasive grains (silicon carbide).

To be used **dry without the need for polishing compositions.** Can be easily profiled for contour work.

Dias.: 50–200 mm
Widths: 10–100 mm
All bore sizes
Grit: SiC 46–800
Standard grit: 80, 150, 240, 400

**Applications:**

Fine grinding, matt finishing, polishing and light deburring of all metals, plastics, wood, etc. Especially suitable for manual polishing of cutlery, spectacle-frames, jewelry and other small parts.


**Tynex Brush** **CBT**

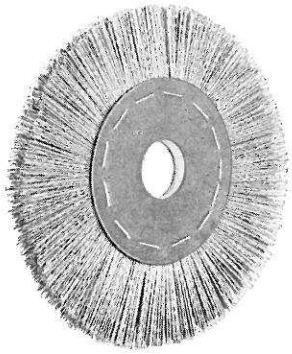
Manufactured from synthetic fibres (nylon) containing high grade abrasive grains (silicon carbide).

To be used dry **without the need of additional abrasive materials.** Sections for building up brushes of varying widths.

Dias.: 150–400 mm
Width: 12–14 mm
All bore sizes
Grit: Fine, Medium, Coarse

**Applications:**

Very flexible brush suitable for light deburring, descaling and roughing of metals and other materials.



Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

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**Abrasive Flap Wheel** **SLS**

Manufactured from radially disposed abrasive strips with full plastic centre or as flanged ring-type wheel (SLS-R). **SLS-R**

Dias.: 100–450 mm
Widths: 20–150 mm
All bore sizes.
Available extra dense for the use with automatic machines.

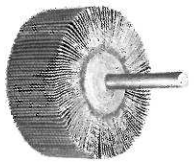
**Applications:**

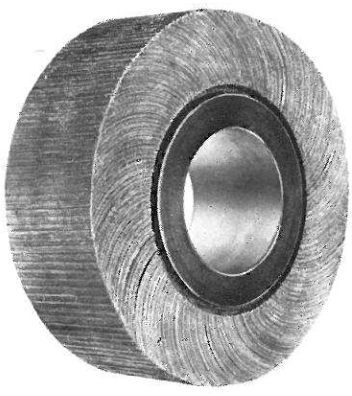
Suitable for use with automatic or manually operated machines for a wide variety of purposes.
Particularly useful for the treatment of complex shapes.

**Abrasive Flap Wheel** **SLS-F**
with shank

For use with drill chucks etc.

Dias.: 30–80 mm
Widths: 5–50 mm
Dias. shanks: 3 or 6 mm





Heinrich Kreeb GmbH & Co. KG
Ziegelstrasse 37
73033 Göppingen
Germany
phone +49-7161-9274-0 fax +49-7161-9274-14
info@kreeb.com - www.kreeb.com

Kreeb
GRINDING AND POLISHING TOOLS



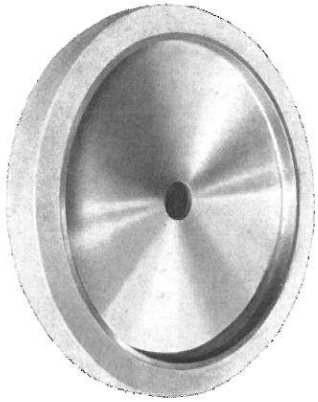
**Contact Wheel**
**Compressed canvas face type** **KOB**

This wheel is made of compressed canvas on a well balanced alloy hub.
Densities: Hard, Medium, Soft.
The cushion can be formed for contour work if required.

Dias.: 150–450 mm
Widths: 30–100 mm
All bore sizes.

**Applications:**

Especially for use with fine grit sizes and with flexible belts.



**Contact wheels**

**Rubber face type** **KOG**
plain or serrated
Durometer: 40°, 60°, 80° shore
Oil resistant type available on request.

**Plastic face type** **KOK**
plain or serrated
Durometer: 60°, 80°, 90° shore
Oil resistant.

**Laminated plastic vanes** **KOK-L**
Densities: Medium, Hard
Oil resistant.

fluted

**Sponge rubber face type** **KOS**
plain
Height of cushion: 20 or 40 mm
Density: Soft
Oil resistant.

**Laminated sponge rubber vanes** **KOS-L**
Density: Soft (very flexible)
Oil resistant.

Sizes as KOB.

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**Solid Felt Bob** **FIS**

Manufactured in 5 different qualities and in any desired grade and hardness (true density).

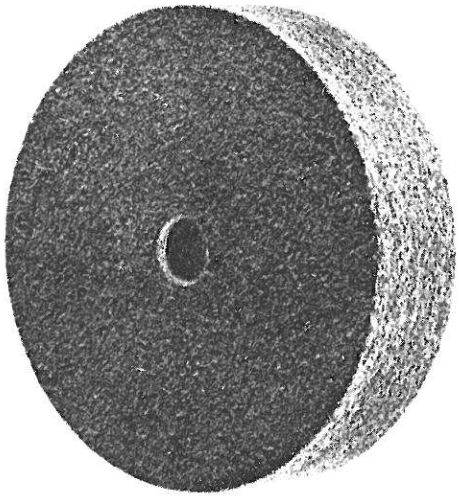
Dias.: up to 500 mm
Widths: up to 100 mm
All bore sizes.

True densities: 0.3 to 0.68 g/cm³

WM 61 = superior white felt
WR 60 = fine white felt
WR 65 = standard white felt
WR 20 = grey felt
WR 30 = brown felt

**Applications:**

Suitable for use with all types of polishing machines as abrasive dressed wheel as well as polishing felt.



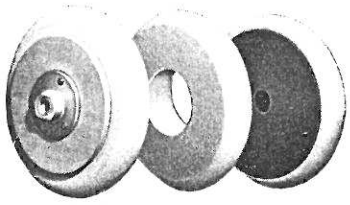
**Solid Felt Bob** **FIT**

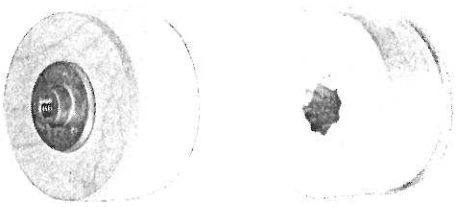
Made in different shapes as illustrated.
Qualities as FIS.

Dias.: 150–230 mm
Widths: 10–35 mm
All bore sizes.

Can be supplied with back up pad on request.

Suitable for horizontal work with portable high speed disc machines.





Heinrich Kreeb GmbH & Co. KG
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## Felt Bobs with shank

**FIP**

Made of high grade white felt.
Fitted with a steel shank.
Can be supplied in all shapes and sizes.
Special catalogue on request.

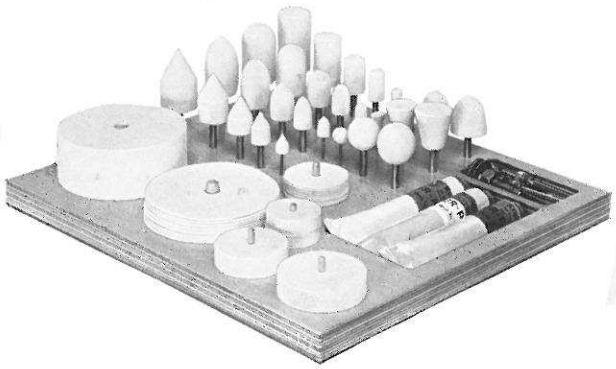
Dias. shanks: 2.35 and 6 mm.

**Felt Fingers** with wooden shank and tapered bore.

**A collection** of 29 felt bobs with and without shank, of 3 different compositions and mandrels of different sizes **can be supplied on a woden stand** (as illustrated).

**Applications:**

Polishing and mirror-finishing especially of **injection moulds for plastics.**
Polishing and finishing of metals, plastics, stone, glass, wood, etc.



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**Felt Washers and Jointings**

Made in many shapes and sizes to meet every requirement.
For oil retaining and dust excluding purposes.
For bearings, gas joints and meters,
as packings and jointings generally.

**Felt Bobs and Cones**

Made in different sizes and many shapes,
(see page 30 as well).

**Felt Rings**

To DIN 5419 standard and in other desired size.

**Felt Strips**

For all technical purposes.

**Sheet Felts**

Available in a wide variety of qualities, cut in every shape.
Suitable for many purposes.

All felts can be supplied **self-adhesive.**