

Technical brushes

KOTI BRUSHES

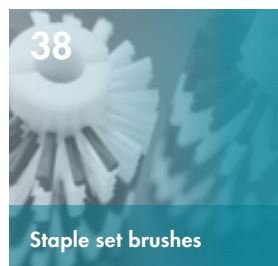
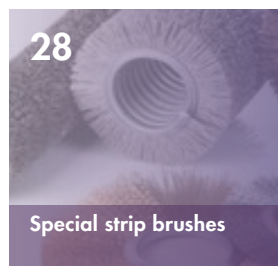
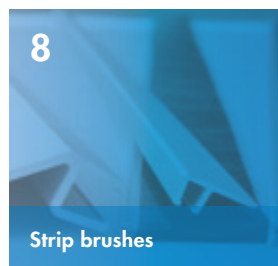
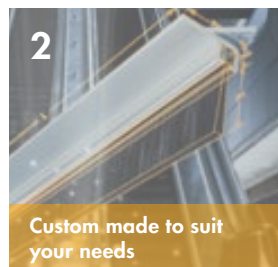


The company KOTI-TRIBOLLET

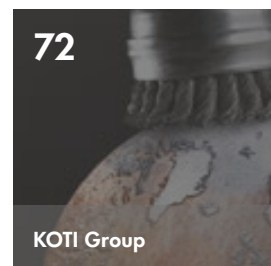
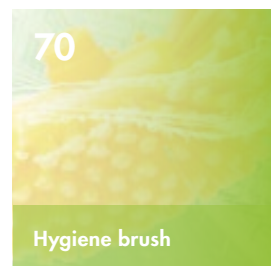
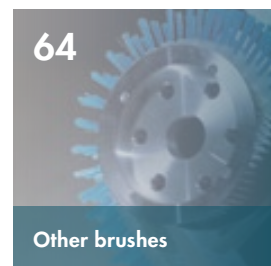
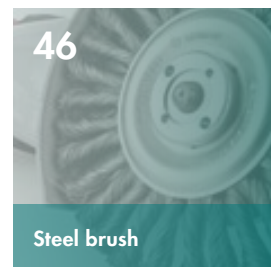
Specialist in technical brushes and insulation products, focuses all its energy on meeting your requirements in terms of quality, costs and lead times. Our qualified, flexible and responsive team is committed to delivering the highest quality. We offer brushes for a wide range of applications; from the most traditional applications (brushing, dusting, polishing, guiding, braking, protection, insulation, transfer, deburring...) to the most extraordinary (ski lifts mechanisms, capsules packaging, etc.). We are committed to assist our customers in achieving success with their projects and to constantly improve the quality of our products. Contact us, together we will find the brush(es) you are looking for.



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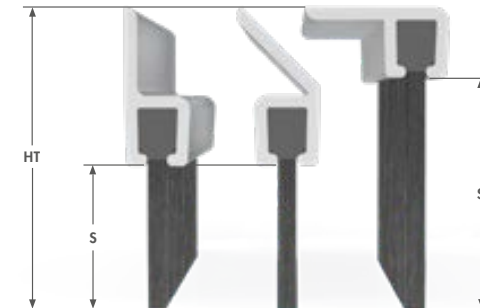


Custom made to suit your needs

KOTI-TRIBOLLET specialises in the design and manufacturing of strip brushes of any shape or size with a complete choice of filaments. Our aluminium holders can be formed and manufactured with decorative and protective finishes according to your specifications (architectural, aeronautical, maritime, etc.). And if we don't have in stock what you need, we can design a new holder for you.

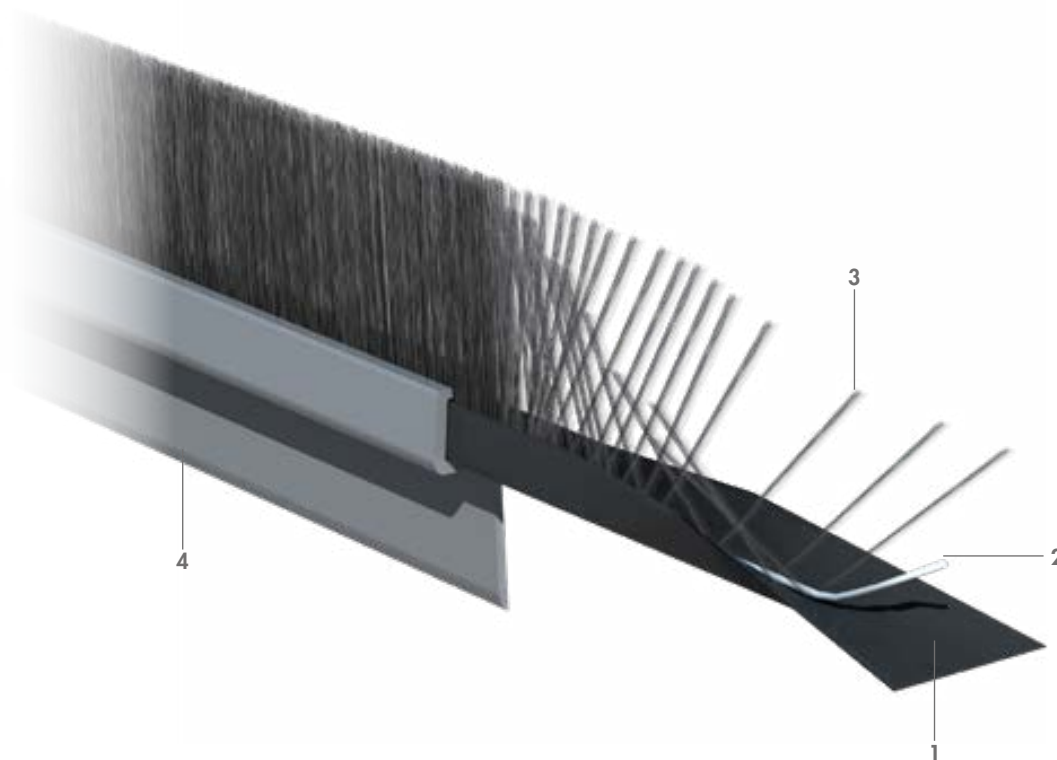
Principle of the strip brush

The strip brush is made of plated steel (1), usually electrogalvanized or stainless steel (sometimes brass or aluminium), shaped in a U into which a holding wire (2) of the same material is inserted. The fill material (3) is secured between these two elements. The strip brush is then crimped. For easy mounting, the brush is slid in a carrier or holder (4). For some applications the fill material is replaced by or combined with rubber, neoprene, EPDM or PVC.



Two essential measures

The HT measure is the total height of the entire strip brush, with or without carrier. This measure is made on request and varies according to the length S (trim length) of the fill material. Some fill material has a length of over one meter!



The fill material

The choice of the fill material is essential to obtain an effective brush. Fill material is classified into four groups.

UV protection

Prolonged exposure of nylon or PP to the sun's rays accelerates the discolouration of the fill material and makes it fragile. This can be avoided by giving the fill material a UV-protection treatment.

Synthetic fiber

Metal wires

Natural fiber

Special fill material

- **Synthetic fiber:** polyamide or nylon (qualities: 6 / 6.6 / 6.10 / 6.12), Rilsan, polypropylene, polyester, polyethylene et abrasive nylon.
- **Metal fill material:** steel (high resistance steel, brass-plated steel, stainless steel, hardened steel), brass and bronze.
- **Natural fiber:** animal fill material (horse and goat hair, pig bristles, goose feathers, ostrich feathers) and vegetable fill material (tampico) have antistatic properties.
- **Special fill material:** Wytex, Pekalon, Glass fiber, FRH, carbon fiber, etc.

Features and use

The effectiveness of fill material varies, depending on the material and the resistance you are looking for. We stock fill material of different diameters, straight or wavy fill material and in different colours (white and black are the most used). We regularly create new types of special fill material, so don't hesitate to contact us.

Synthetic fiber	
Fill material	Application and features
Nylon 6.6	This quality is mainly used for industrial applications, very good resistance to heat and wear.
Nylon 6.12	Does not retain moisture, more resilient than nylon 6.6
Rilsan	Does not retain moisture, very resistant to abrasion.
Polypropylen (PP)	Does not retain moisture, acid resistant, lower wear resistance than nylon 6.6 and 6.12.
Polyester (PBT)	Very good heat resistance, good wear resistance, does not retain moisture, certified food grade.
Nylon Schleifmittel	For delicate burr removal, polishing, satin finish.
Polyethylen	Good chemical resistance and higher stiffness when wet than Nylon.

Metal wires	
Fill material	Applications and features
Steel	For the removal of carbon and burrs, very aggressive fill material.
Brass	Polishing, satin finish, very good explosion-proof electrical conductivity (slightly lower than that of bronze).
Stainless steel	Polishing, satin finish, very good antistatic electrical conductivity, for humid environments.
Brass-plated steel	high tensile strength, long life, deburring.
Brass-coated steel wire	protruding, long life, deburring.
Phosphor bronze	high electric conductivity, surface treatment of wood and metals and for spark-free machining

Non-standard fill material available on request

We stock many fill materials to suit your specific requirements.

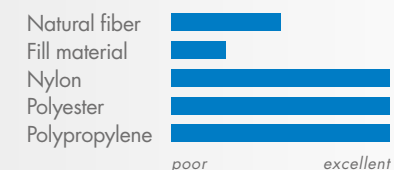
Just ask and we'll be happy to help.

Call us at +33 (0)478 554 551 or visit our website at www.koti-tribollet.com

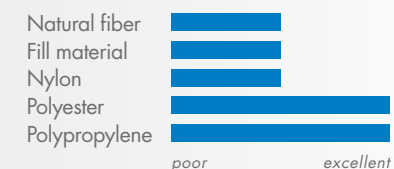
Natural fiber	
Fill material	Applications and features
Horse hair	flexible for light brushing (e.g. for cleaning plastic strips).
Goat hair	Very soft and fine fill material for delicate work.
Hog bristle	Stiffer than horse hair.
Goose feather	Patina of wooden furniture after polishing.
Ostrich feather	Very soft material, main application: dust removal and polishing of car bodies.
Tampico	Stiffer than hog bristle, for polishing metal with polishing product.

Special fill material	
Fill material	Application and features
WYTEX Conductive nylon	Synthetic fiber, high electrical conductivity.
HT Nylon	Heat resistant up to 150°C
Pekalon	Synthetic fiber, high heat resistance (up to 180-200°C).
PEEK	Synthetic fiber, high heat resistance (up to 250°C)
Glass fiber	Very high heat resistance, high elasticity, good resilience (also used in the cardboard industry).
Carbon	Very high electric conductivity, very fragile material.
FRH	Self-extinguishing nylon fiber, no emission of toxic gases in contact with flames, used in areas where safety is a top priority (public transport).

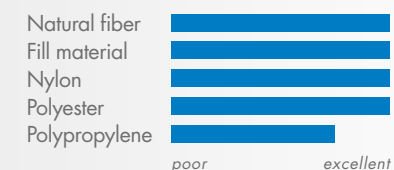
Flexible lifetime



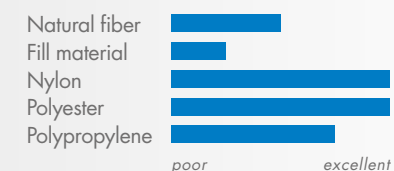
Excellent stiffness when wet



Grip resistant



Abrasion resistance



Chemical resistance of the U fill material

U	not suited
20	Suitable up to 20°C
	Suitable up to 60°C

	Nylon	Polypropylene	Polyethylene	Polyester	Natural fiber	Fill material
Acetaldehyde 100	U		20			
Acetic acid	U			20	20	20
Alcohol (benzil)	U					
Alcohol (methyl, ethyl) 100%			U			
Alum						
Aluminium sulphate						U
Liquid ammonia				U	U	U
Ammonium bicarbonate						
Ammonium fluoride					20	U
Ammonium persulfate	U				U	U
Ammonium sulphate						
Ammonium sulphide					U	
Amyl acetate	U	U	U			
Anti-freeze			20			
Barium sulfide	U				U	
Bleaching powder (diluted)	U		U	U	U	U
Brine						
Calcium chloride						
Carbon tetrachloride		U	U			
Chlorine, water	U	U				
Cresol	U		U	20		
Copper		U				

	Nylon	Polypropylene	Polyethylene	Polyester	Natural fiber	Fill material
Detergents (aqueous)				U		
Photo developing chemicals				U	U	U
Ether		U	U			
Ethyl acetate		U	U			
Ferric chloride			20	20		U
Hexafluorosilicic acid 32%	U		20		U	U
Formaldehyde 40%	U					
Formic acid 50%	U					U
Hydrobromic acid 50%	U				U	U
Hydrochloric acid 50%	U	20			U	U
Hydrofluoric acid 40%	U	20		U	U	U
Hydrogen peroxide 30%	U	20	20			
Hydroquinone (non-aqueous)						
Tetraethyl lead			20			
Mercuric Chloride	U			20		
Dichloromethane	U	U	U	U		
Methyl ethyl ketone		U	U			
Petroleum oils		20	U			
Naphta						
Naphthalene				20		
Nitric acid 10%					U	U
Oxalic acid 10		20				U

	Nylon	Polypropylene	Polyethylene	Polyester	Natural fiber	Fill material
Phosphoric acid 20%	20					U
Polyester resin						
Potassium bicarbonate						
Silicone oil						
Sodium bisulphate					U	U
Sodium bisulphite				U	U	
Sodium carbonate					U	20
Caustic soda				U	U	
Sodium nitrate						
Sodium sulfide				U	U	
Stannic chloride				20	U	U
Starch						
Stearic acid			20			
Sugar						
Sulphur			20			
Sulphuric acid	20					
Tallow			20	U		
Tetrahydrofuran		U	U			
Toluene		U	U			
Tricresyl phosphate			U			
Tri-ethanolamine						
White Spirit						
Yeast	U					
Zinc chloride	U				20	



STRIBO PRO

This is our standard range of strip brushes, consisting of an aluminium profile (plastic is also possible) and a high performance anti-UV treated polypropylene brush.

Applications

- Stribo Pro can be used for numerous purposes.
- From the most common (airtightness, light proofing, dustproofing, sound insulation, etc.).
- to the most complex and unexpected (guiding, braking, protection).

Profile H

Profile F

Profile Y

Types of carriers

Countless models can be made with the different profiles (H, F, or Y), by combining one of the many sizes of the fill material, one of the 3 profiles and one of the two colours of the profile (raw or anodized silver). Stribo Pro offers you hundreds of architectural possibilities.

STRIBO PRO is available in lengths of 1 and 3 meter. It is easy to cut. Contact us for any special request. On request, we produce lacquers in the colour of your choice.

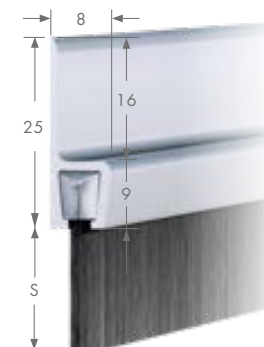
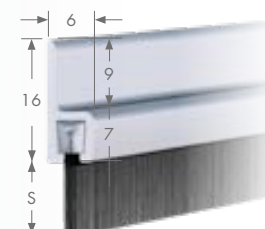
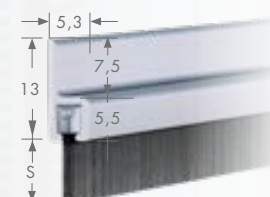
H profile brushes

Range of standard products

Range of standard products | Quick and easy assembly | Very short delivery time | In stock

Profile H

(scale 1:1)



Profile H2

Trim length	Model
S = 10	H2-10

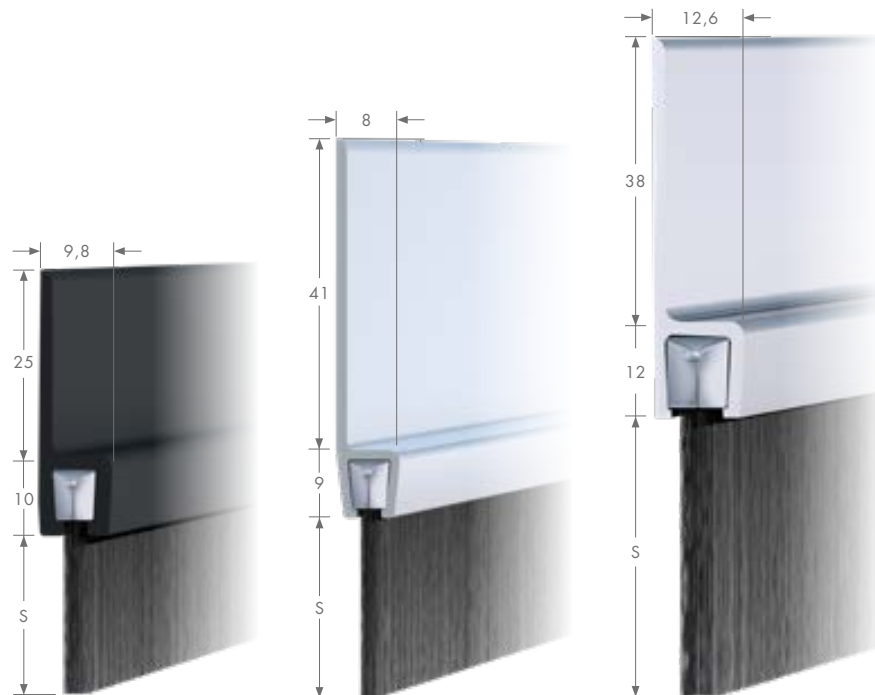
All dimensions are in mm.

Profile H3

Trim length	Model
S = 14	H3-14
S = 24	H3-24
S = 34	H3-34

Profile H5

Trim length	Model
S = 25	H5-25
S = 35	H5-35
S = 45	H5-45



PVC profiles [P]

Trim length	Model
S = 25	P5-25
S = 35	P5-35
S = 45	P5-45

Aluminium profiles [G]

Trim length	Model
S = 25	G5-25
S = 35	G5-35
S = 45	G5-45

Profile H8

Trim length	Model
S = 40	H8-40
S = 60	H8-60
S = 80	H8-80
S = 120	H8-120
S = 150	H8-150



STRIBO PRO: Colour and Fill Materials:
Untreated, silver anodised. Fill material is
extruded from UV resistant PP.

STRIP BRUSH PRINCIPLE

F Profile Brushes

Range of standard products

Quick and easy assembly | Very short delivery time | In stock

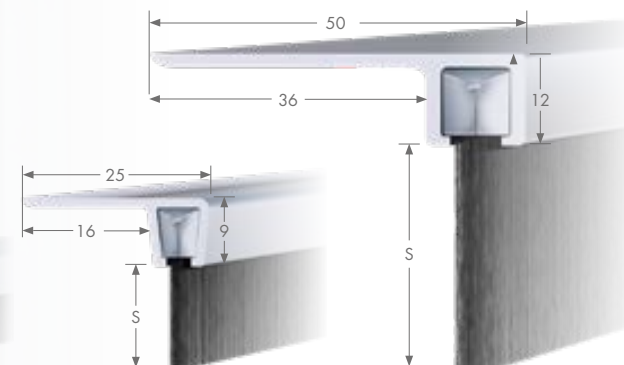
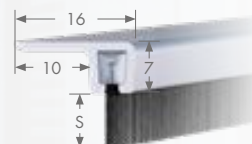
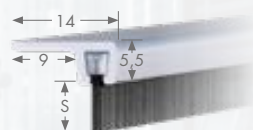
The following features apply to all STRIBO-Pro products:

- Holders and strip brushes can be purchased separately.
- PP filament with UV protection.
- Lengths cut to measure are available upon request.
- Delivery within 48 - 72 hours.
- Punched holes on request.
- Different colour options.

STRIBO PRO is available in lengths of 1 m and 3 m, to be cut to size. Contact us for any special request.

Profile F

(scale 1:1)



Profile F2

Trim length	Model
-------------	-------

S = 10	F2-10
--------	-------

Profile F3

Trim length	Model
-------------	-------

S = 14	F3-14
S = 24	F3-24
S = 34	F3-34

Profile F5

Trim length	Model
-------------	-------

S = 25	F5-25
S = 35	F5-35
S = 45	F5-45

Profile F8

Trim length	Model
-------------	-------

S = 40	F8-40
S = 60	F8-60
S = 80	F8-80
S = 120	F8-120
S = 150	F8-150

All dimensions are in mm.

Y profile brushes

Range of standard products

Quick and easy assembly | Very short delivery time | In stock

Please contact us

Our dedicated technical support team is available to help and advise you on the most suitable brushing solution.

Just ask and we'll be happy to help.

Profile Y
(scale 1:1)



Profile Y3

Trim length	Model
S = 14	Y3-14
S = 24	Y3-24
S = 34	Y3-34

Profile Y5

Trim length	Model
S = 25	Y5-25
S = 35	Y5-35
S = 45	Y5-45

Profile Y8

Trim length	Model
S = 40	Y8-40
S = 60	Y8-60
S = 80	Y8-80
S = 120	Y8-120
S = 150	Y8-150

All dimensions are in mm.



STRIBO PRO Colour and Fill Materials
Fill material is extruded from anti-UV treated PP.

STRIP BRUSH PRINCIPLE

STRIBO FLEX

STRIBO FLEX is a flexible brush, available in 2 U sizes (3.5x3.5 and 5x5) and adapts easily to our H, F, Y profiles nr. 3 and no. 5.

U 3,5

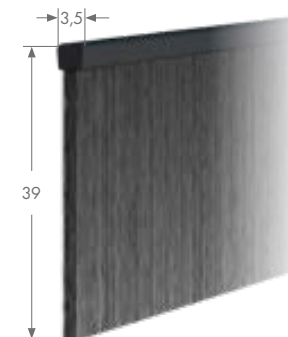
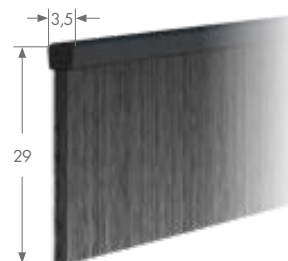
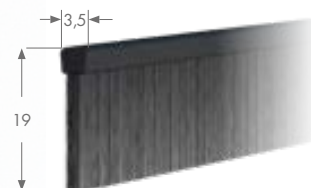
U 5

Benefits:

- Very flexible brush that fits easily in every shape.
- 100% synthetic, so no oxidation.
- Quick and easy assembly.
- Easy to cut, just with scissors.
- Considerably less wastage.
- Delivered in reels.
- UV-treated PP fill material.
- Considerably less wastage.

Thanks to its flexibility, **STRIBO** FLEX adapts easily to any profile. It can be used for many applications, such as sealing, guiding, slowing down and many more.

U 3,5



Type 3.14

U	HT
3,5x3,5	19

Type 3.24

U	HT
3,5x3,5	29

Type 3.34

U	HT
3,5x3,5	39

Type 3.44

U	HT
3,5x3,5	49

All dimensions are in mm.

Technical features / Packaging 3.5x3.5

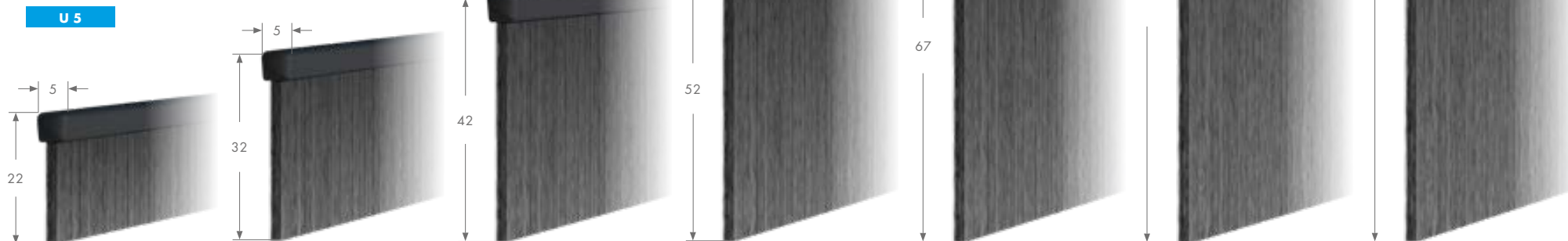
Type	Height total (mm)	Ø Fill material (PP) (mm)	Metres/ Cardboard
FLEX 3.14	19	0,15	65
FLEX 3.24	29	0,15	65
FLEX 3.34	39	0,15	65
FLEX 3.44	49	0,15	55

Technical features / Packaging 5x5

Type	Height total (mm)	Ø Fill material (PP) (mm)	Metres/ Cardboard
FLEX 5.15	22	0,15	50
FLEX 5.25	32	0,20	50
FLEX 5.35	42	0,20	50
FLEX 5.45	52	0,20	45
FLEX 5.60	67	0,30	45
FLEX 5.80	87	0,30	32
FLEX 5.90	97	0,30	32

STRIBO FLEX is the ideal solution for many technical applications.

Very short delivery time| In stock.



Type 5.15	
U	HT
5x5	22

Type 5.25	
U	HT
5x5	32

Type 5.35	
U	HT
5x5	42

Type 5.45	
U Widths	HT
5x5	52

Type 5.60	
U Widths	HT
5x5	67

Type 5.80	
U Widths	HT
5x5	87

Type 5.90	
U Widths	HT
5x5	97

All dimensions are in mm.

STRIP BRUSH PRINCIPLE

Quick Seal brushes

Just roll it out, cut and install | Short delivery time | Standard range adjustable

The Quick Seal brush is a flexible brush strip that adapts easily to any profile. It can be used for a wide variety of purposes, such as sealing, guiding, wiping, slowing down, fixation. Cut it to the length you want, with no waste.

V-PROFILE

U-PROFILE

AT-PROFILE

F-PROFILE

F-CLIP

AT-PROFILE

H-PROFILE

H-CLIP

Advantages of Quick Seal brushes:

- Very flexible brush that conforms to any contour.
- Available in durable, high quality thermoplastic rubber.
- Available in rolls of 25 meters or a multiple.
- Less storage required.
- Inexpensive transportation.
- Quick and easy assembly.
- No wastage.

Packing

The Quick Seal brush is delivered in rolls in a compact cardboard box. The octagonal packaging has been specially designed for easy transport, storage and use. The Quick Seal can be easily cut to the desired size thanks to the special opening in the packaging.



Assembly options

Once the Quick Seal has been cut to the desired length, it is easy to apply. There are different possibilities: double-sided tape, screws, glue and with an adapted profile allowing the brush holder to be mounted inside.

V-PROFILE

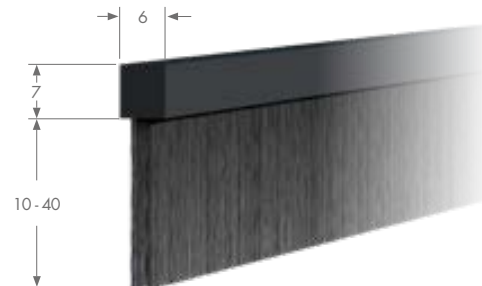


Profile dimensions		
Model	Angle	Dimensions
QSP581	10°	7 x 6.5 mm

Structure of the profile		
Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	15-40
PH	-	15-40

All dimensions in mm.

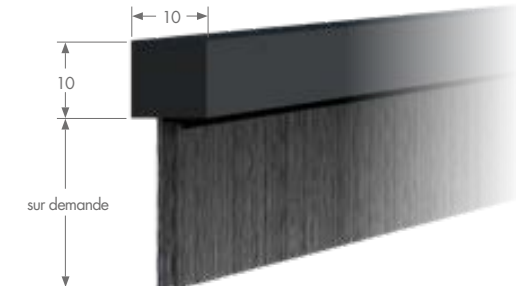
U-PROFILE



Profile dimensions	
Model	Dimensions
QSP582	6 x 7 mm

Structure of the profile		
Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	15-40
PH	-	15-40

U-PROFILE

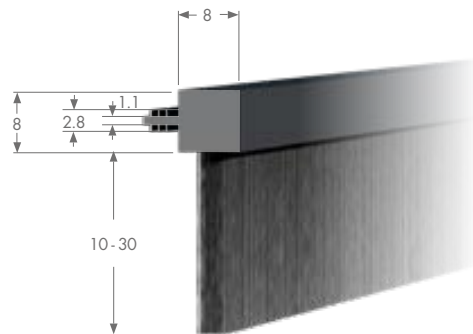


Profile dimensions	
Model	Dimensions
QSP600	10 x 10 mm

Structure of the profile		
Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	s/Request	s/Request
PP	s/Request	s/Request
PH	-	s/Request

STRIP BRUSH PRINCIPLE

AT-PROFILE



Profile dimensions

Model	Dimensions
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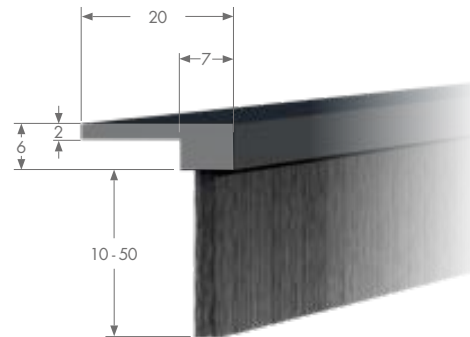
QSP597	8 x 8 mm
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Structure of the AT profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	10-30
PH	-	10-30

All dimensions in mm.

F-PROFILE



Profile dimensions

Model	Dimensions
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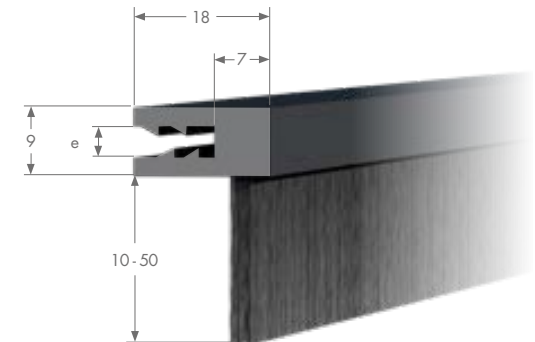
QSP584	20 x 6 mm
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QSP586	25 x 8 mm
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Structure of the F profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	10-50
PH	-	15-50

F-CLIP



Profile dimensions

Model	Spacing (e)
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QSP590	3.6
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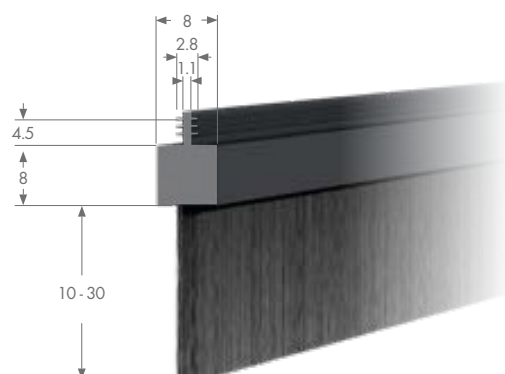
QSP592	2.6
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QSP594	3.9
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Structure of the F-CLIP profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	10-30
PH	-	10-30

AT-PROFILE



Profile dimensions

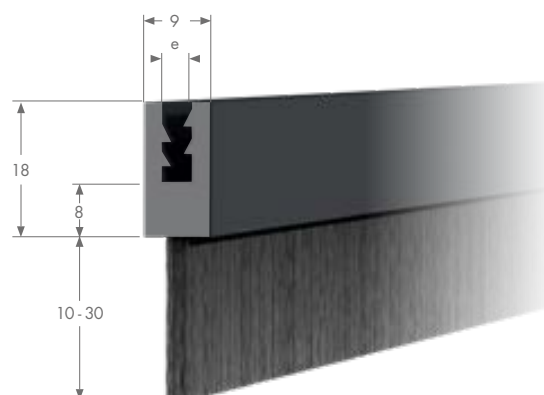
Model	Dimensions
QSP596	8 x 8 mm

Structure of the AT profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	20
PH	-	10-30

All dimensions in mm.

H-CLIP



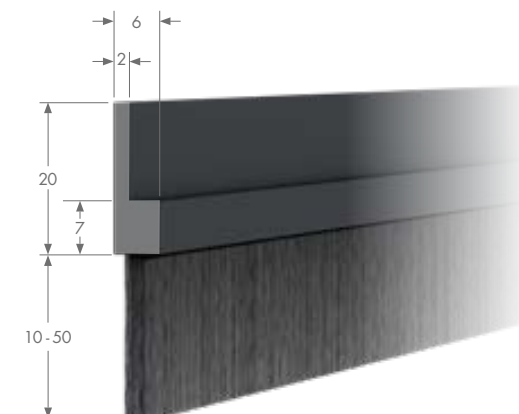
Profile dimensions

Model	Spacing (e)
QSP589	3.6
QSP591	2.6
QSP593	3.9

Structure of the H-CLIP profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PP	0.20	10-30
PH	-	10-30

H-PROFILE



Profile dimensions

Model	Dimensions
QSP583	6 x 20 mm
QSP585	8 x 25 mm

Structure of the H profile

Fill material	Ø Fill material (mm)	Trim length min-max
PA 6.6	0.15	10-30
PH	-	15-50
PP	0.20	10-50

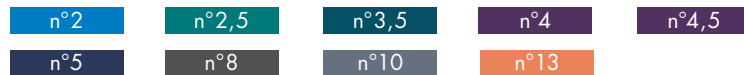




STRIP BRUSH PRINCIPLE

Strip brushes range

In addition to our STRIBO range, we offer strip brushes available in 9 models.



Strip brushes are very versatile and available in many versions. These brushes are mainly used for sealing doors, windows and machinery to protect against air, dust, light and dirt.

Standard materials:

- Standard extruded fill material of PP. For other available fill material, see page 4.
- For all specifications, see table on page 4-6.
- The dimensions of the Crimp U may vary slightly depending on the material used, the diameter of the fill material or the application.

(Lézier 1:1)



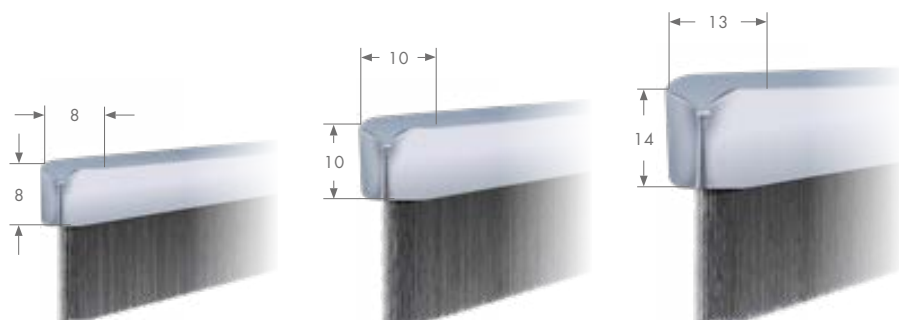
Strip brushes n°2	Strip brushes n°2,5	Strip brushes n°3,5	Strip brushes n°4	Strip brushes n°4,5	Strip brushes n°5
Crimping U	Crimping U	Crimping U	Crimping U	Crimping U	Crimping U
2x2	2,5x3	3,5x3,5	4x4	4,5x4,5	5x5 5x6

Models 5, 4 are available on request.

Available models

Standard available in the following 9 models. On request we can investigate if other sizes are possible.

We can deliver you a custom-made brush with the desired fill material and trim length.



Strip brushes n°8

Crimping U

8x8

Strip brushes n°10

Crimping U

10x10

Strip brushes n°13

Crimping U

13x14

Standard available in the following 9 models. On request we can investigate if other sizes are possible.

Discover our carriers adapted to these strip brushes on the next page

Call us at +33 (0)478 554 551 or visit our website at www.koti-tribollet.com

STRIP BRUSH PRINCIPLE

Aluminium H carriers

Holder for the strip brush range

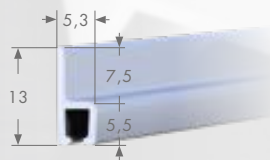
Features of the aluminium strip brush holders:

- Strip brushes and holders can be purchased separately.
- Standard lengths: 1m and 3m.
- Special lengths are available upon request.

Contact us for special carriers.

Technical specifications H-Profile			
Model	Suited for	Width (mm)	Height (mm)
12500	n° 2,5	5,3	13
13530*	n° 3,5	6	16
13538	n° 3,5	6	25
15130	n° 5	8	25
15330	n° 5	8	35
13536	n° 3,5	6	50
15230	n° 5	8	50

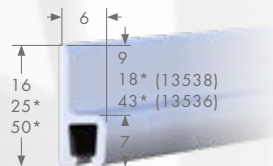
Aluminium



12500

Material	Thickness
Aluminium	1,2 mm

n°2,5

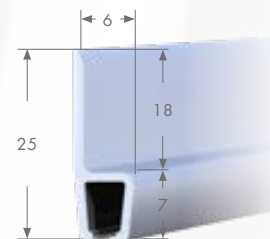


*25 (13538)
*50 (13536)

13530*

Material	Thickness
Aluminium	1,2 mm

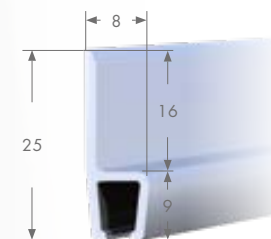
n°3,5



13538

Material	Thickness
Aluminium	1,2 mm

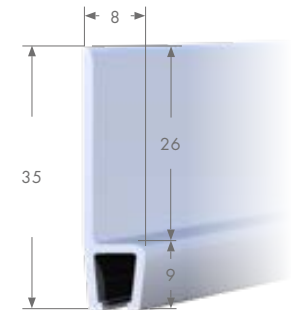
n°3,5



15130

Material	Thickness
Aluminium	1,2 mm

n°5



15330

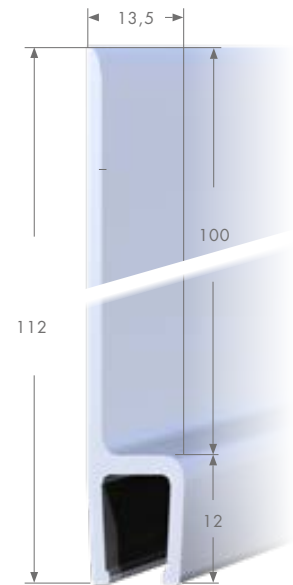
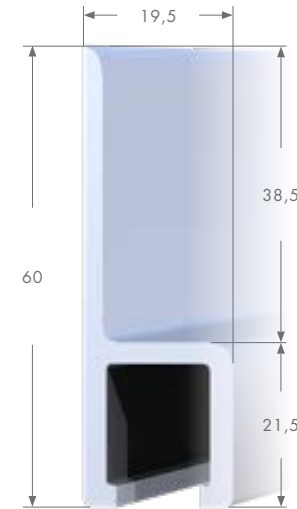
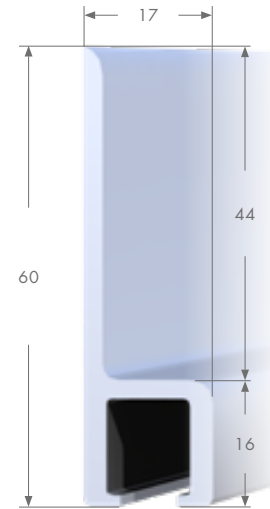
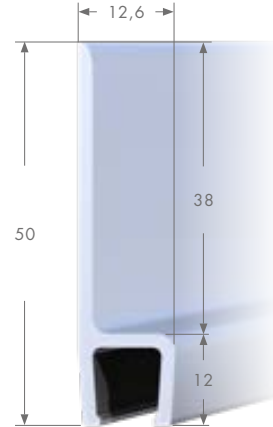
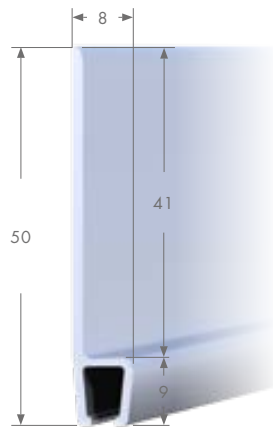
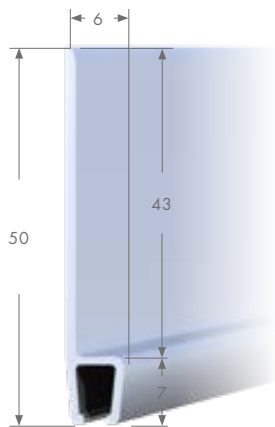
Material	Thickness
Aluminium	1,2 mm

n°5

* Streifenbürste, kompatibel

Technical specifications H profiles

Model	Suited for	Width (mm)	Height (mm)
16650	n°8	12,6	50
10000	n°10	17	60
13013	n°13	19,5	60
16660	n°8	13,5	112



13536

Material	Thickness
Aluminium	1,2 mm

n°3,5

15230

Material	Thickness
Aluminium	1,2 mm

n°5

16650

Material	Thickness
Aluminium	1,8 mm

n°8

10000

Material	Thickness
Aluminium	2,5 mm

n°10

13013

Material	Thickness
Aluminium	2,5 mm

n°13

16660

Material	Thickness
Aluminium	2,0 mm

n°8

STRIP BRUSH PRINCIPLE

Aluminium F carriers

Holder for the strip brush range

Features of the aluminium carriers:

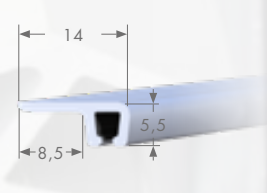
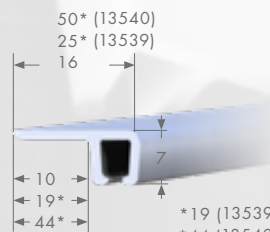
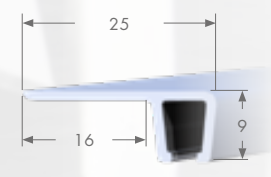
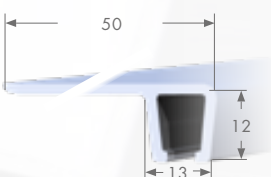
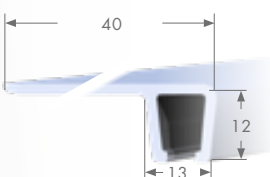
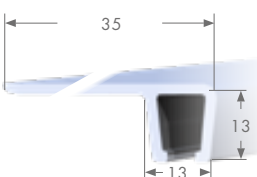
- Strip brushes and holders can be purchased separately.
- Standard lengths of 1m and 3m.
- Special lengths are available upon request.

Do you need special holders? Contact us!

Technical specifications F profiles			
Model	Suited for	Width (mm)	Height (mm)
12600	n° 2,5	14	5,5
13529*	n° 3,5	16	7
15129	n° 5	25	9
16640	n° 8	50	12
16641	n° 8	40	12
16642	n° 8	35	13

(*) Different sizes or colours available

Aluminium

					
12600	13529*	15129	16640	16641	16642
Material	Material	Material	Material	Material	Material
Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Thickness	Thickness	Thickness	Thickness	Thickness	Thickness
1,2 mm	1,2 mm	1,2 mm	1,8 mm	1,8 mm	1,8 mm
n°2,5	n°3,5	n°5	n°8	n°8	n°8

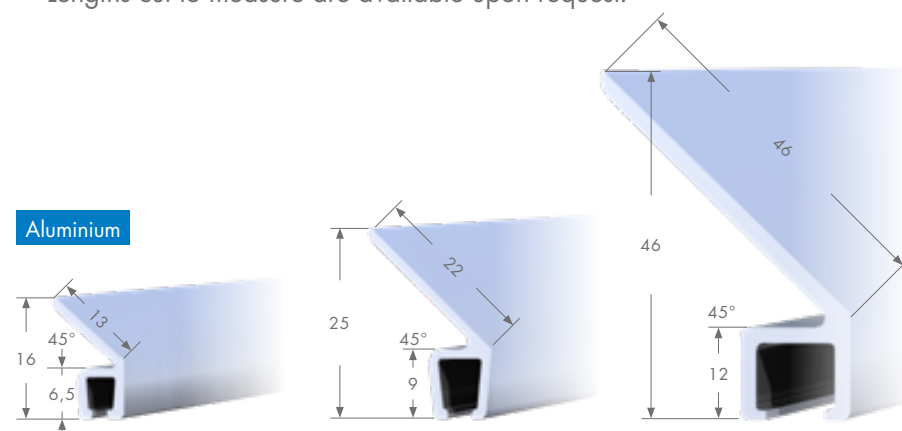
*compatible strip brush

Aluminium Y carriers

Holders for the strip brush range

Features of the aluminium carriers:

- Strip brushes and holders can be purchased separately.
- Standard lengths: 1m and 3m.
- Lengths cut to measure are available upon request.



13535	
Material	Thickness
Aluminium	1,2 mm

n°3,5

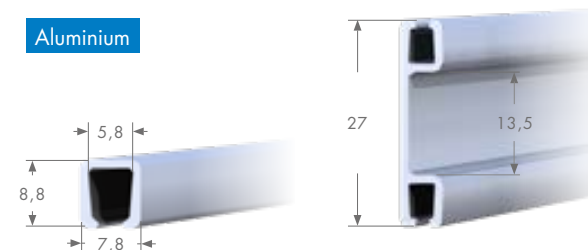
15135	
Material	Thickness
Aluminium	1,2 mm

n°5

16665	
Material	Thickness
Aluminium	1 mm

n°8

Technical specifications Y Profile		
Model	Suited for	Height (mm)
13535	n° 3,5	16
15135	n° 5	25
16665	n° 8	46
15102	n° 5	8,8
23530	n° 3,5	27



15102	
Material	Thickness
Aluminium	1 mm

n°5

23530	
Material	Thickness
Aluminium	1 mm

n°3,5

STRIP BRUSH PRINCIPLE

Steel H profiles

Holder for the strip brush range

In addition to our aluminium holders, we stock holders of galvanised steel and stainless steel made from bent steel strips for various applications (e.g. high temperatures, humid environment, etc.).

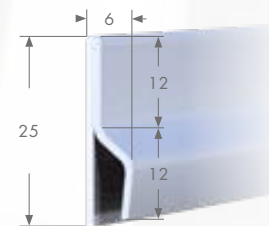
Features of the steel carriers:

- Strip brushes and holders can be purchased separately.
- Contact us for available lengths.

Colours of the M, P and G series

Model	Suited for	Colour
M1	n° 5	Electrogalvanized steel
M2	n° 5	Stainless steel
P1	n° 5	Electrogalvanized steel
P2	n° 5	Stainless steel
G1	n° 8	Electrogalvanized steel
G2	n° 8	Stainless steel

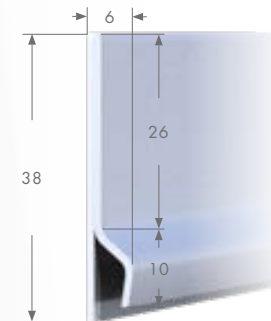
Steel



M1-M2*

Material	Thickness
Stahl	0,5 mm

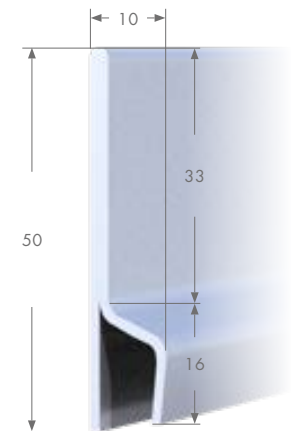
n°5



P1-P2*

Material	Thickness
Stahl	0,8 mm

n°5



G1-G2*

Material	Thickness
Stahl	0,8 mm

n°8

For strip brush model

Plastic carriers

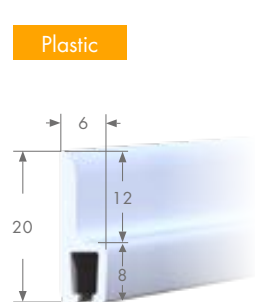
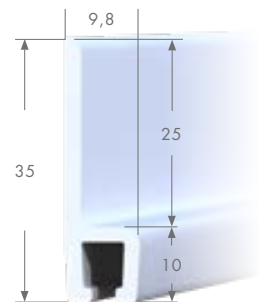
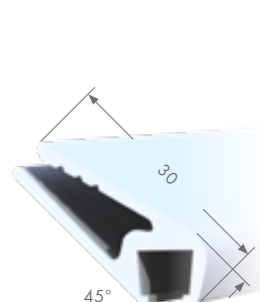
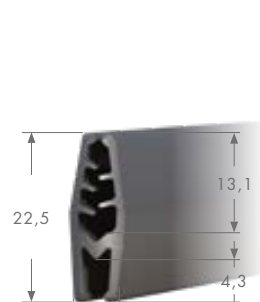

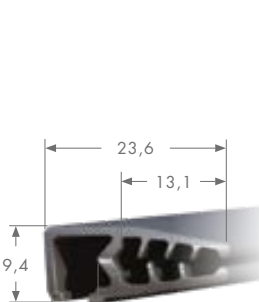
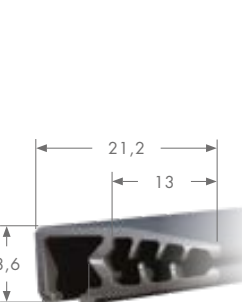
Holders for the strip brush range

Plastic carriers Features:

- Strip brushes and holders can be purchased separately.
- Contact us for available lengths.

Technical specifications Plastic carriers

Model	Suited for	Width (mm)	Height (mm)
15300	n° 3,5	6	20
16200	n° 5	9,8	35
18700	n° 5	12	30
13630	n° 3,5	7,7	22,5
15630	n° 5	8,4	24,7
13629	n° 3,5	4	8,6
15629	n° 5	23,6	9,4

													
15300		16200		18700		13630		15630		15629		13629	
Material	Thickness	Material	Thickness	Material	Stärke	Material	Thickness	Material		Material		Material	
Plastic	2 mm	Plastic	2 mm	Plastic	2 mm	Polypropylene	2 mm	Polypropylene		Polypropylene		Polypropylene	
n°3,5		n°5		n°5		n°3,5		n°5		n°5		n°3,5	

STRIP BRUSH PRINCIPLE

Brush seal

Made of water-repellent, ultraviolet-stabilised fill material, this seal [1] is essential for perfect sealing of sliding doors and windows. The cross-linked polypropylene fill material [2] forms an elastic barrier that is resistant to atmospheric agents. Compression approximately 15-20%, depending on density and height.

Brush seal with blade

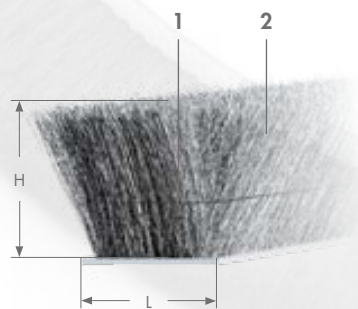
Hi-fin

Cut-fin

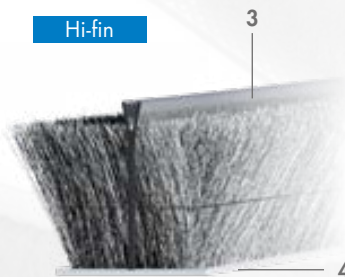
This seal has a polypropylene blade [3] in the middle, laser-welded to the base [4], ensuring complete sealing of the windows.

Reinforced brush seal

specially designed for the guides of roller shutters and roller mosquito nets. Its linear texture and the mono-filament thread in the middle avoid pinching on the sides and flattening when it is inserted in the guides.



Bladeless model



2mm film on top, guarantees maximum sealing and optimal sliding.



0.25mm thinner film for excellent strength and durability, and a very smooth sliding motion.

The fill material Polypropylene

Models

- Bladeless
- With blade (Hi-fin/Cut-fin)
- Reinforced brush seal

Colours

- Black
- Grey

How to choose

- Type
- Colour
- Width (L)
- Height (H)
- Back shaping : (Yes/No)
- Reinforced wire: (Yes/No)

Production volume

- Minimum 3000 metres

Standard widths are 6.7, 6.9 and 4.8 mm.

Other sizes available on request.

Bending and special forming

For applications that require specific shapes, we can supply strip brushes according to your needs, with or without aluminium holder.



Special strip brushes

KOTI-TRIBOLLET specialises in the design and manufacture of custom-made strip brushes, in any shape or size. We are fully focused on providing strip brush solutions for industrial, environmental, safety and transportation applications. We use materials that suit your application, we deliver custom-made models and manufacturing and provide support in all aspects of strip brush technology.



Antistatic brushes

Static electricity is a problem in many industries, especially industries processing paper, film, and other synthetic materials. This is mainly caused by friction, pressure and the separation of materials. Anti-static strip brushes reduce the build-up of static electricity in material handling processes without damaging sensitive or delicate surfaces. Available from stock or custom-made to meet your specific requirements.

Profiles in stock

Profile H

Profile F

The brushes can be supplied as is or with aluminium holders for more fixing possibilities. We stock 2 types: H profile (13530) and F profile (13529).

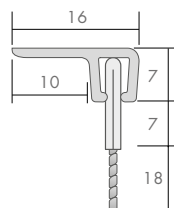
Antistatic contact brushes

Brush C

Small contact brushes in various shapes can be filled with carbon fiber and antistatic acrylic fiber.

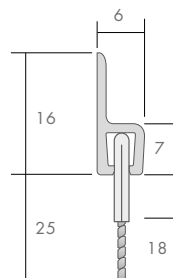
Features

- Maximum discharge of static electricity.
- Easy assembly
- Standard and available from stock.
- The aluminium holder can be supplied with fixing holes.



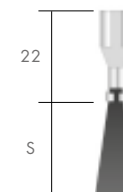
Profile F

(13529)



Profile H

(13530)



Brush C

Contact brush



The fill material

- Carbon fiber
- Thunderon Acrylic Fiber
- Stainless steel fill material

Standard range

- Fill material with a centre distance of
- ,75, 7 and 10 mm
- Brush length (L) 1000 mm

How to choose

- Fill material
- Trim length (S)
- Brush length (L)
- Additional requirements

Strip brush in cylindrical aluminium profile

The brush consists of an extruded aluminium core with 20, 30 or 36 slots into which strip brushes can be inserted (n°5 or n°4.5, the fill material and the dimensions to be determined during the consultation) and a pair of flanges of which the ends are drilled at the desired bore. We can deliver you a drive shaft (dimensions to be determined during the consultation).

The slots make it easy to replace worn strip brushes.

Features

- Suitable for many uses.
- The strip brushes are easy to maintain and replace.



The fill material

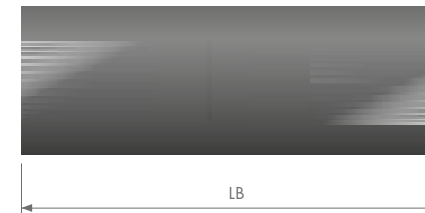
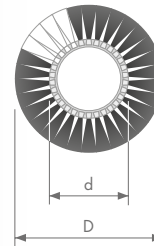
- Abrasive
- Antistatic
- FRH
- Natural fiber
- Synthetic
- Metal fill material

How to choose

- Fill material
- inside diameter (d) : 55, 31 or 60.5 mm
- Outside diameter (D)
- Desired number of strips
- Brushing length (LB)
- Bore

Cylindrical aluminium profile

Model	Slots	Strip brush	Outside diameter (D)	inside diameter (d)
15584	30	n° 5x6	82,5	55
15585	20	n° 4.5x4.5	54,3	31
15586	36	n° 4.5x4.5	85	60,5



STRIBO WORK

Due to their flexible nylon fiber, Stribo Work brushes offer an ideal surface for handling fragile materials which can be moved without risk of scratching.

Stribo Work consists of 3 strip brushes n°3.5 (1), which are inserted into an aluminium profile ref. 14500 (2) and slide in a steel carrier (3).

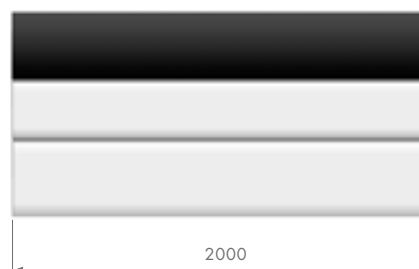
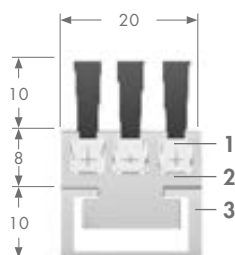
This system ensures movement without damaging any part, in particular carriers in PVC, aluminium or wood.
Standard and special model

Standard formula

Length 2000 mm, nylon fiber, trim length 10 mm.
Customisation possible.

Features

- Easy to assemble and disassemble.
- Optimal protection of fragile parts.
- Items can be safely placed on the strip brushes.



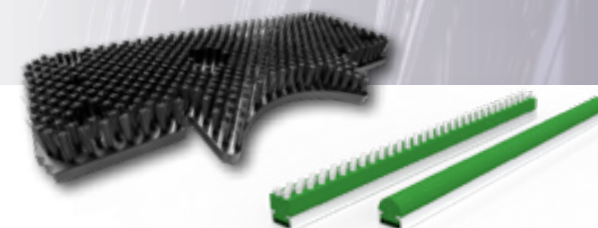
The fill material

- Standard in nylon, other fill material on request

How to choose

- Fill material
- Brush length (L)
- Trim length (S)

Similar brush solutions
Flat brushes and half-round brushes
(p32-33)



SPECIAL STRIP BRUSHES

Curved, formed strip brush

These multipurpose brushes can be adapted to suit any of your applications. There are 3 models that can be made using all of the strip brushes described on pages 18 and 19.

Crown shape

Fill material inside

Fill material outside

Strip brush curved in the shape of a crown

Strip brush made to measure with an electro-galvanized or stainless steel holder and synthetic, metal or mixed filaments to suit your application.

Features of the crown-shaped strip brush;

- Crimping U in electrogalvanized steel or stainless steel.
- Complete range of filaments.

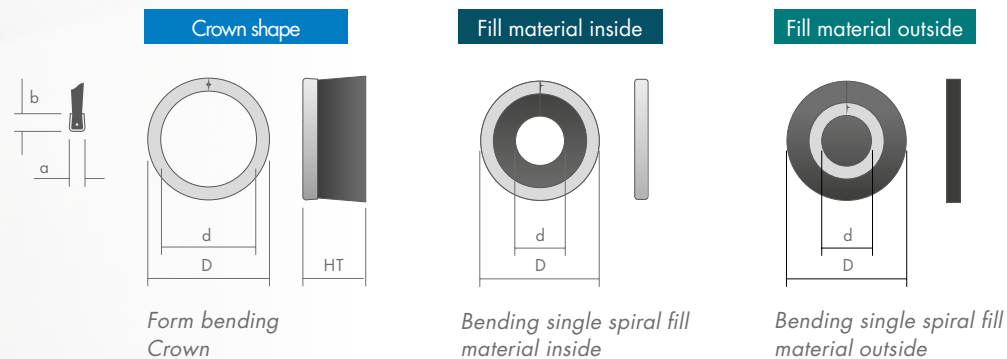


The fill material

- Abrasive
- Antistatic
- FRH
- natural horse hair
- Synthetic
- Metal wire
- Mixed fill material

How to choose

- Fill material
- Desired model
- Type of strip (p. 18 and 19)
- Outside diameter (D)
- inside diameter (d)
- Total height (HT)
- (for crown-shape)



Cylinder strip brush fill material inside

Cylinder strip brushes with fill material inside are custom made to your needs. The winding is tight or with a pitch (pitch to the right or to the left).

Ideal for sealing and protecting cable entries, rotating shafts and other equipment.
Possibility of deburring and/or cleaning for parts passing through the middle.

Features

- Crimping U in electrogalvanized steel or stainless steel.
- Complete range of filaments.

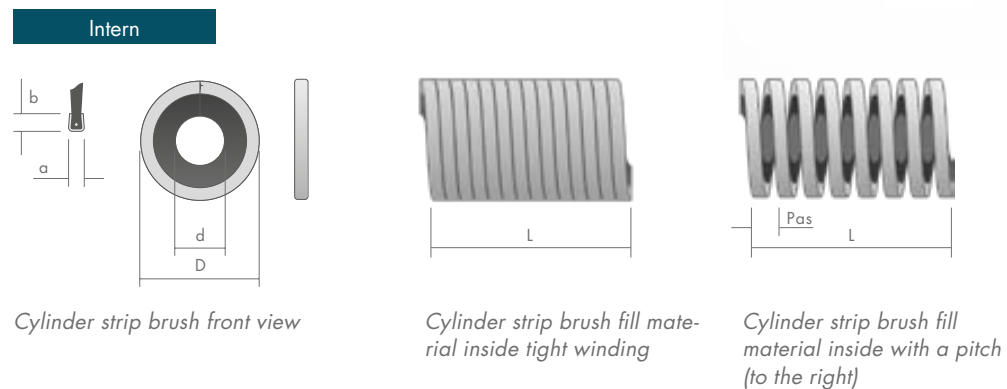


The fill material

- Abrasive
- Antistatic
- FRH
- Natural hair
- Synthetic
- Metal fill material
- Mixed fill material

How to choose

- Outside diameter (D)
- Inside diameter (d)
- Brush length (L)
- Pitch direction (right or left)
- Winding pitch (Pas)



SPECIAL STRIP BRUSHES

Cylinder strip brush fill material outside

Cylinder strip brushes with fill material outside are custom made to your needs.

The spiral brushes without shaft are only for assemblies without significant mechanical stress or for small brushes.

Features

- Crimping U in electrogalvanized steel or stainless steel.
- Complete range of filaments.
- Winding to the right or to the left.
- Chevron winding possible.



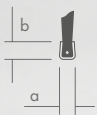
The fill material

- Abrasive
- Antistatic
- FRH
- Natural hair
- Synthetic
- Metal fill material
- Mixed fill material

How to choose

- Fill material
- Type of brush
- Outside diameter (D)
- inside diameter (d)
- Brush length (L)
- Winding direction
- (to the right or to the left)
- Running direction of the pitch
- Winding pitch (Pas)

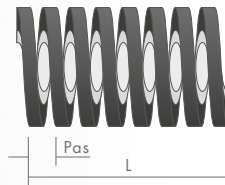
Fiber outward



Cylinder strip brush front view



Cylinder strip brush fill material outside tight winding



Cylinder strip brush fill material outside with a pitch (to the right)



Cylinder strip brush fill material outside in chevron

Cylinder strip brush on spindle fill material outside on shaft

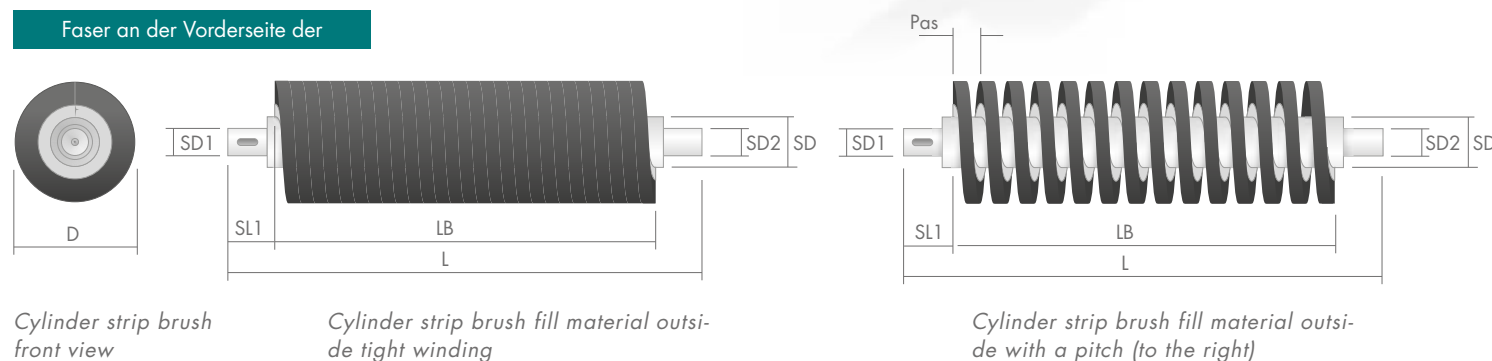
The winding is tight or with a pitch (pitch to the right or to the left). Chevron winding also possible.

Ideal for cleaning and treating surfaces, brushing without traces thanks to the regularity and density of the cylinder strip brush.

Another advantage: the brush is refillable. The cylinder strip brushes can be supplied mounted on the customer's shaft or on one of our shafts.

Features

- Dense filling with no space in-between.
- Suitable for all shaft diameters.
- We remove the filling.



The fill material

- Abrasive
- Antistatic
- FRH
- Natural fiber
- Synthetic
- Metal fill material
- Mixed fill material

Shaft material

- Aluminium
- Steel
- Stainless steel

How to choose

- Brush diameter (D)
- Brush length (LB)
- Filing
- Running direction (to the right or to the left)
- Winding pitch (Pas)
- Brush position (SL1)
- Shaft Length (SL)
- Shaft diameter (SD)
- and (SD1) or (SD2)

SPECIAL STRIP BRUSHES

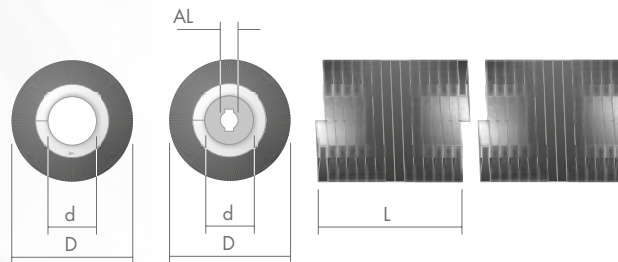
Strip brushes-with double strip

This type of spiral brush has been developed based on the experience acquired with the manufacture and use of strip brushes with a single strip. This brush is recommended for mechanical stresses and high rotational speeds.

The double band construction consists of two metal bands, the outer band of which snaps around the inner band.

Features

- Suitable for technically more complex applications.
- Also available as coil-wound coil only.
- Possibility of higher rotation speeds than for single strip strip brushes.
- Excellent fixation of the fill material that cannot be torn out.



The fill material

- Synthetic
- Natural
- Metal
- Special
- Mixed

How to choose

- Fill material
- Brush length (L)
- Brush diameter (D)
- Tube diameter (d)
- Bore diameter (AL)

Call us at:

+33 (0)478 554 551

or visit our website at:

www.koti-tribollet.com

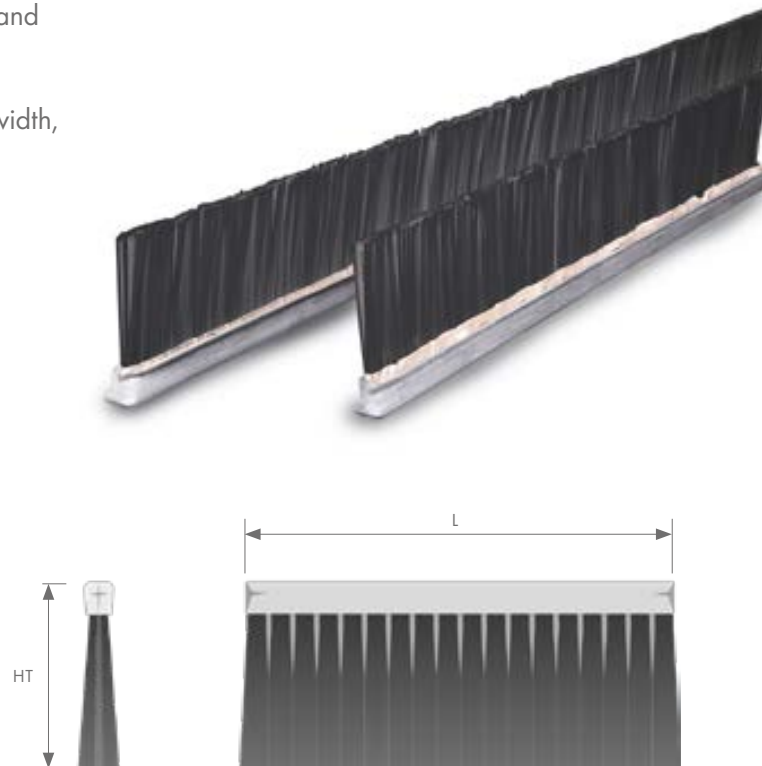
Strip N. 20

For cleaning tools for the production of slabs in the concrete industry. These strip brushes are mounted on the block press cleaning carriage. KOTI-TRIBOLLET uses only high quality materials for Strip No. 20 ensuring optimal functionality and durability.

Multiple mounting is possible due to the small mounting width, which achieves an even higher degree of cleaning.

Features

- Easy installation allowing quick change of strip brushes.
- The PP or nylon fiber on the outside stabilize the flat yarns on the inside.
- The compact effect of the fill material allows the brush to be in continuous contact with the product without any space.



Fill material

- 2x3mm PP and 1.1x0.25mm steel flat wire
- Nylon and flat steel wire (on request)

Standard overall heights

- 95 mm
- 115 mm
- 145 mm

Standard length

- 1350 mm

Other heights and lengths are available on request.

How to choose

- Fill material
- Brush length (L)
- Total height (HT)

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Staple set brushes

The fill material are applied in a holder with holes. Different number of holes, density of the filling and types of holder are possible, so many kinds of brushes are possible (flat brushes, plate brushes, cylindrical brushes, etc.). In the pharmaceutical, chemical and graphic industry, brushes must be resistant to chemicals, while for some industries other characteristics are important, such as wear resistance, flexibility, robustness, etc.

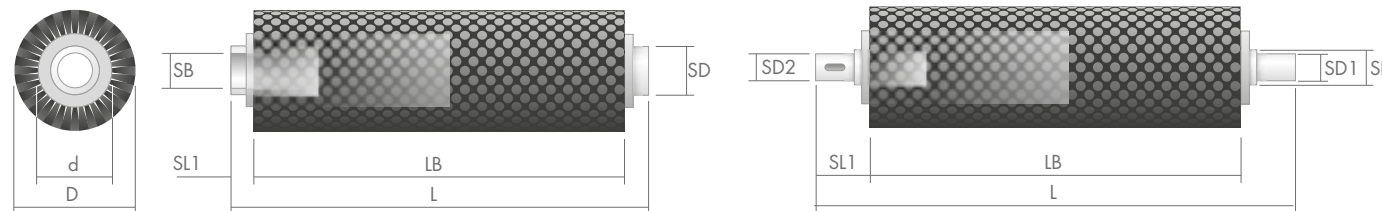
Cylinder brush

The cylindrical brush is one of our most versatile products. This brush is used in many industries for various applications. They offer a wide variety of solutions thanks to multiple combinations of materials, fill material and density of the filling.

CNC-assisted drilling for unlimited options in filament: it is possible to vary the density of the fill material (tufts more or less spaced from each other), to direct the implantation of the fill material to achieve specific patterns. We offer full service: we machine shafts, cylinders and any other mechanical parts.

Features of the cylindrical brush:

- Wide range of fill material.
- Wide variety of applications.
- Custom filling.
- Years of experience and expertise.



Solid core with tube

Solid core with shaft

The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Holders

- Synthetic
- Wood
- Aluminium
- Steel / Stainless steel etc...

Filling

- Density: Low, medium, high
- Shape: traditional, spiral, chevron

How to choose

- Brush length (LB)
- Outside diameter (D)
- Holder diameter (d)
- Bore diameter (AL)
- Shaft length (L)
- Shaft diameter (SD)
- Shaft end diameter (SD1)
- Shaft material

TUFTED BRUSHES

Brushes in 2 half-shells

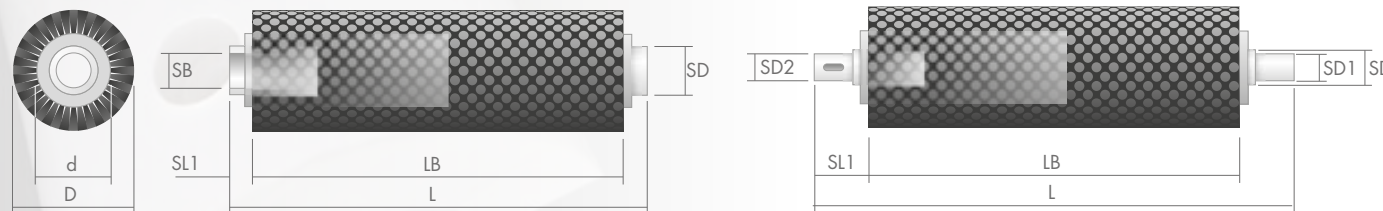
The brushes in 2 half-shells facilitate the assembly and disassembly of the cylindrical brush. These brushes are composed of two elements.

The great advantage of this system is that the brushes can be changed without dismantling the shaft. This saves maintenance time and reduces production stoppages.

The two half-shells are connected either by screws on the sides or screws through the holder and spindle or by additional mechanical part (e.g. flanges at the ends).

Features:

- Wide range of fill material.
- Custom filling.
- Holders in standard diameters available from stock.
- Easy assembly and disassembly.



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Holder

- Synthetic
- Wood
- Aluminium
- Steel / Stainless steel
- etc...

Filling

- Density: Low, medium, high
- Shape: traditional, spiral, chevron

How to choose

- Brush length (LB)
- Brush diameter (D)
- Holder diameter (d)
- Bore diameter (AL)
- Shaft length (L)
- Shaft diameter (SD)
- Shaft end diameter (SD1) or (SD2)
- Shaft material

Quicksnap-brush

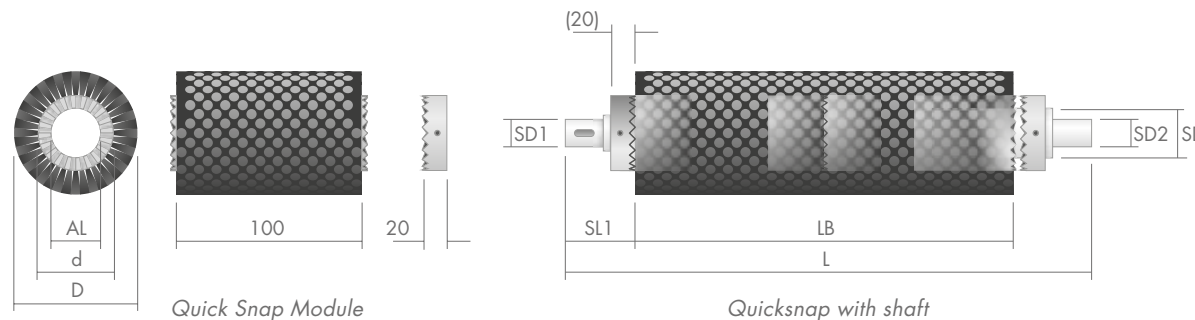
Cylindrical brush composed of interlocking modules made from a range of standard synthetic holders.

Thanks to this modular principle the brushes are easy to assemble and disassemble and adapt easily to many machines. In the event of an incident or localized wear, only the damaged part can be replaced. A wide choice of fill material and layout to meet all applications.

This unique system can be used in various applications such as washing, transporting, degreasing, pressing and sweeping.

Features:

- Modular synthetic holders.
- Custom filling.
- Adapts easily to your equipment.
- Quick and easy assembly.
- Only worn segments to be replaced.



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Holder

- Glass-filled polyamide (PA)

Filling

- Density: Low, medium, high

Information zu den Angaben

- Brush length (LB)
- Brush diameter (D)
- Holder diameter (d)
- Bore diameter (AL)
- Shaft length (L)
- Shaft diameter (SD)
- Shaft end diameter (SD1) or (SD2)
- Shaft material

TUFTED BRUSHES

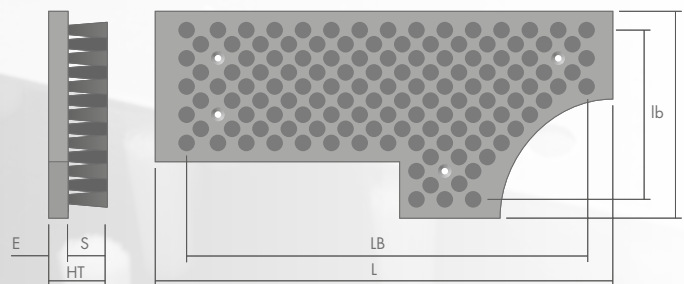
Flat brush

The usefulness of flat brushes is well established with its multitude of various application possibilities: guidance, parts holder, washing. Example: worktop for various parts (sheet metal, glass and other fragile parts).

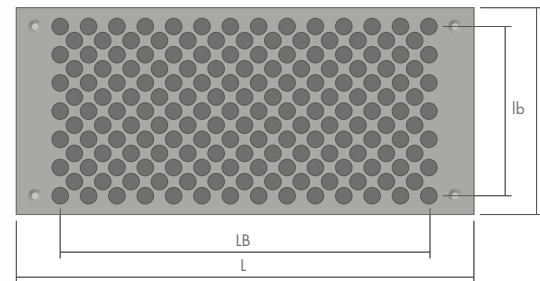
We have as standard plate brushes with a capacity of 500, 1250 and 2000 kg/m².

Features:

- Almost unlimited transport possibilities.
- Quick replacement of worn brushes.
- Perfect solution for transporting items over a long distance.
- Low friction guide.



Flat brush with custom shape



Standard flat brush

The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Holder

Glass-filled polyamide (PA)

Filling

- Density: Low, medium, high

How to choose

- Total length (L)
- Brushing length (LB)
- Total width (l)
- Brushing width (lb)

Half-round and lath brushes

The lath brush is a narrow flat brush that can be mounted on the steel C-profile.

Lath brushes are particularly suitable for limited spaces and for guiding fragile objects.

They can be made to measure to suit the application.

Features:

- For many applications.
- Easy to assemble and disassemble.
- Can also be mounted at 90° or at another angle.
- Quick replacement if used with C-profile.
- Standard brush and profile available from stock.



The fill material

- White nylon as standard

Trim length

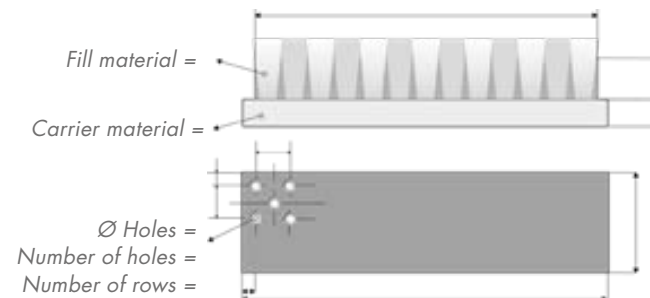
- 8 mm standard, other sizes possible

Holder

- Glass-filled polyamide (PA)

How to choose

- Fill material
- Brush length (L)
- Brushing length (LB)
- brush width (l)
- Filling
- Trim length (S)
- Thickness holder (e)
- C profile (Yes/No)



TUFTED BRUSHES

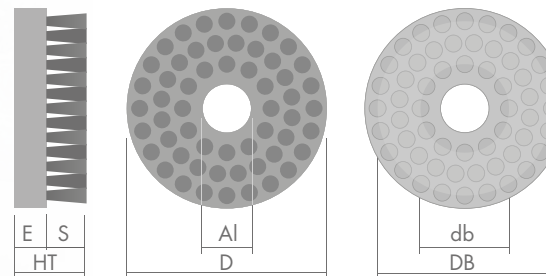
Staple set brush

Widely used for preparing, cleaning and finishing surfaces, staple set brushes can be supplied in a wide range of materials and sizes to suit any application. The fill material are inserted into a holder made of plastic, wood, aluminium or steel, either by mechanical stapling, or fixed with resin or sewn by hand. We stock many standard size holders, which can be delivered with a plain, keyed or threaded bore, according to your requirements.

Ideal for deburring, grinding, and sanding, cleaning and washing, we can vary the height of the brush, its stiffness and the layout of the filaments. Countless combinations of synthetic materials, wires, natural fill material and abrasive fill material are possible.

Features:

- Suited for many applications.
- Many sizes available.
- Various fixing possibilities.



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Holder

- Synthetic
- Wood
- Aluminium
- Steel
- Stainless steel

Filling

- Density: Low, medium, high

How to choose

- Fill material
- Holder material
- Outer fill material diameter (DB)
- Inner fill material diameter (db)
- Brush height (HT)
- Holder diameter (D)
- Internal diameter of the holder (AI)
- Thickness of the holder (E) Additional features



Steel brush

These brushes are equipped with metal or Synthetic fiber (abrasive nylon). We stock a wide range of products for many industrial applications: circular brushes, cylindrical brushes, brushes on shank etc...



Rotary brush , one row

Multi-purpose single row circular brushes on steel holder with ALPHA, MULTICORD, RECORD or ULTRA filaments. Our circular brushes are powerful, durable and versatile and are ideal for deburring tubes, sections, solid bars, sheet metal edges and small workpieces such as gears.

A number of these brushes can be mounted side by side to create a larger working surface. Our wheel brushes can be supplied in different bore diameters to suit your mounting system.

Available sizes

All sizes are available on request, please contact our sales department (a minimum order quantity applies for this product).



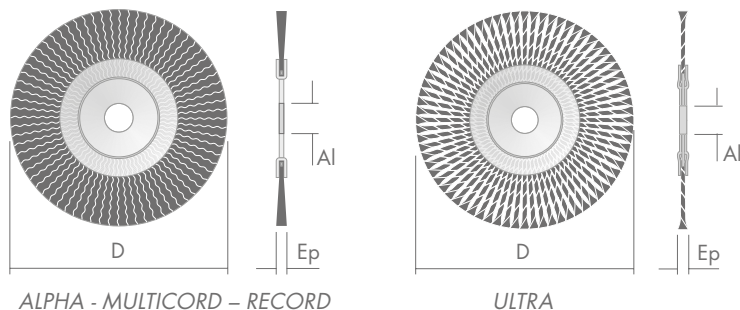
The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Outside diameter (D)
- Bore diameter (AL)
- Thickness (Ep)
- Rubber coating (Yes/No)

Standard versions or custom-made. Please contact us for customised solutions.



STEEL BRUSHES

Rotary brush on shank

Circular brushes on shank are ideal for processing small areas. They are mounted on electric drills and pneumatic devices. Available in straight, crimped and stranded fill material.

Rubber brush

Used for high precision applications, the brush has a rubber coating. This increases the life of the fill material and allows for more aggressive brushing.

Available sizes

All sizes are available on request, please contact our sales department (a minimum order quantity applies for this product).



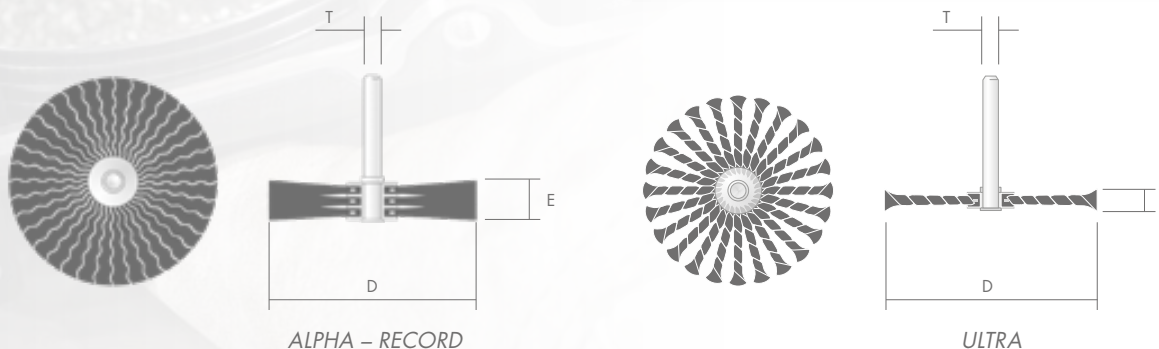
The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Brush diameter (D)
- Brush width (Ep)
- Shank diameter (T) standard 6 mm
- Rubber coating (Yes/No)

Standard versions or custom-made. Please contact us for customised solutions.



Rotary brush

Versatile circular brushes, ideal for processing and finishing machined workpieces. A number of these brushes can be mounted side by side to create a larger working surface. Available in straight, crimped and stranded fill material.

Rubber brush

The brush has a rubber coating and is used for high precision applications. This increases the life of the fill material and allows for more aggressive brushing.

Available sizes

All sizes are available on request, please contact our sales department (a minimum order quantity applies for this product).



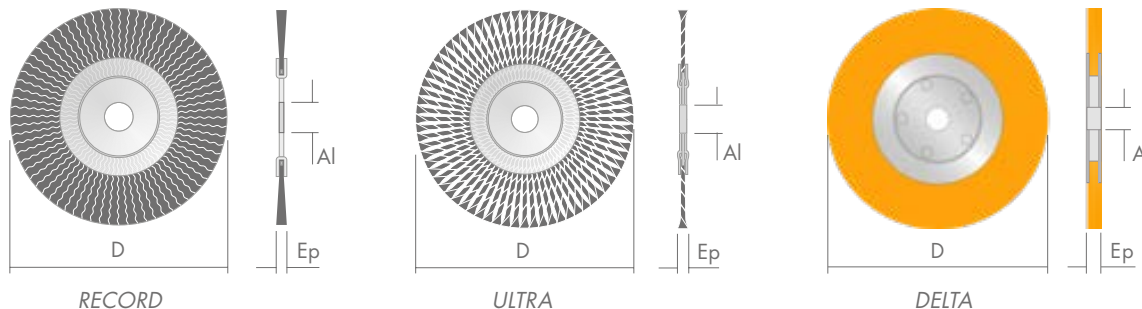
The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Outside diameter (D)
- Bore diameter (AL)
- Thickness (Ep)
- Rubber coating (Yes/No)

Standard versions or custom-made. Please contact us for customised solutions.



STEEL BRUSHES

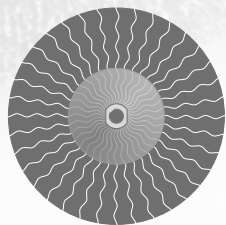
Tapered brushes

Tapered brushes are an ingenious combination of circular brushes and cup brushes, and are ideal for deburring mechanical parts and other surface preparation work.

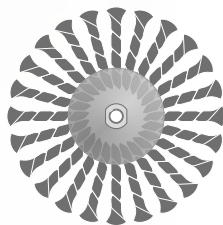
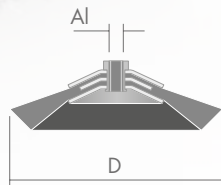
They are mounted on electric drills and pneumatic devices. Available in straight, crimped and stranded fill material.

Available sizes

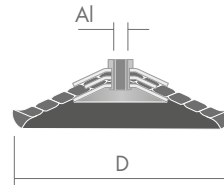
All sizes are available on request, please contact our sales department (a minimum order quantity applies for this product).



RECORD



ULTRA



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Brush diameter (D)
- Bore (Al)
- Rubber coating (Yes/No)

Standard versions or custom-made. Please contact us for customised solutions.

Cup brush

Cup brushes with or without shank are versatile brushes used in angle grinders and machining centers to remove layers of varnish, deposits and corrosion. They are also ideal for processing welds and cleaning surfaces.

The brush is available in standard diameters. The holder is available with different fixing possibilities (plain bore, threaded or shank).

Available sizes

All sizes are available on request, please contact our sales department (a minimum order quantity applies for this product).



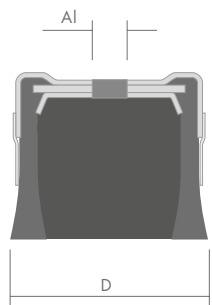
The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

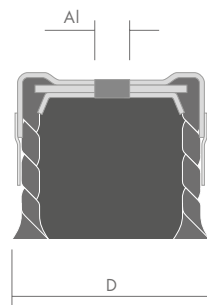
How to choose

- Fill material
- Brush diameter (D)
- Bore (AI)
- Rubber coating (Yes/No)

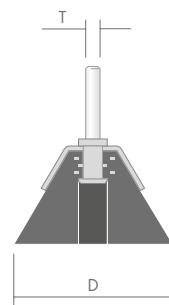
Standard versions or custom-made. Please contact us for customised solutions.



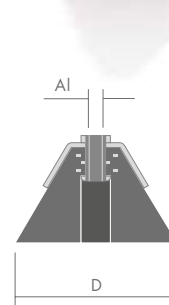
RECORD



ULTRA



ALPHA & RECORD



RECORD





STEEL BRUSHES

Interior brushes

With single spiral in dense filament pattern, twisted wire swab brushes are ideal for cleaning recesses, drilled holes, cross holes and threads. Available in ALPHA and RECORD filament layout for use on power drills, air tools and automatic machines.

Applications

- ALPHA: deburring of O-ring recesses and cross-drilled holes, rounding of edges of drilled holes and threads.
- RECORD: rust removal and cleaning of O-ring recesses, drilled holes, cross holes, slots and threads.

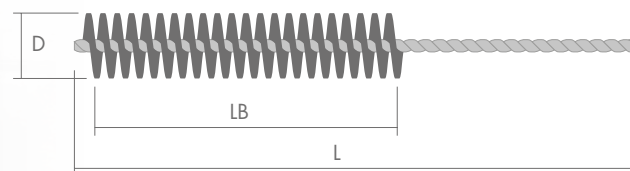
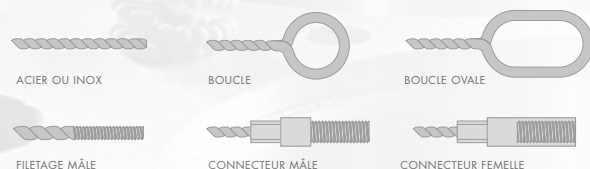


Standard sizes ALPHA (in mm) ;

- Brush diameter (D) : 10, 16, 19, 25
- Brush head (LB) : 65
- Total length (L) : 125

Standard sizes RECORD (in mm) ;

- Brush diameter (D) : 10, 16, 19, 25
- Brush head (LB) : 25
- Total length (L) : 90



ALPHA & RECORD

The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Brush diameter (D)
- Brushing length (LB)
- Total length (L)

Standard versions or custom-made. Please contact us for customised solutions.



Tip brush on shank

Tip brushes on shank are ideal for deburring corners, holes, recesses and other hard to reach areas.

Standard lengths ALPHA (in mm) ;

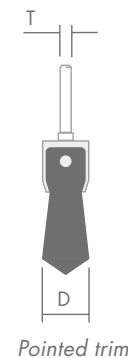
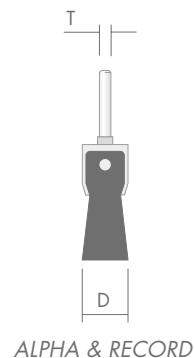
- Grading: K120 - K180 - K320
- Brush diameter (D) : 12 - 17 - 24 - 30
- Shank diameter (T) : 6

Standard sizes RECORD (in mm) ;

- Filament diameter: 0.2 - 0.3 - 0.5
- Brush diameter (D) : 12 - 17 - 24 - 30
- Total length (L) : 90
- Shank diameter (T) : 6

Standard lengths ULTRA (in mm);

- Filament diameter: 0.25 - 0.35 - 0.5
- Brush diameter (D) : 19 - 22 - 28
- Shank diameter (T) : 6



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

How to choose

- Fill material
- Brush diameter (D)
- Shank diameter (T) standard 6 mm
- Rubber coating (Yes/No)

Standard versions or custom-made. Please contact us for customised solutions.

STEEL BRUSHES

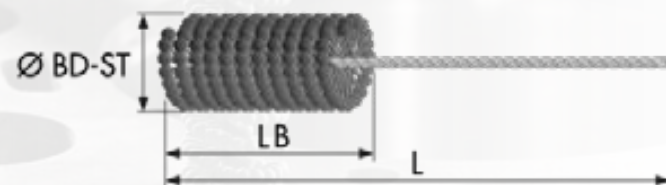
Alphahon brushes

These brushes are flexible cleaning tools.
The ends of the fill material have abrasive balls.
Thanks to their special design, the tools can be used to deburr cross-holes and improve the adhesion of lubricants.

These Alphahon brushes are often used in the automotive industry, machinery and metalworking. They are suitable for different kinds of applications such as: lapping, polishing, finishing surfaces and deburring edges and drill holes.

Features:

- Available in different brush diameters.
- Flexible fill material.
- Ends made of abrasive balls.
- Suitable for many surface treatments.
- Alphahon brush



Alphahon brush



The fill material

- Abrasive nylon: 120
- Abrasive nylon: 180
- Abrasive nylon: 240
- Abrasive nylon: 320

Made to fit drill hole diameter

from 4.0 to 76.0 mm

How to choose

- Fill material
- Brush diameter (D)
- Total length (L)
- Brushing length (LB)

Standard versions or custom-made. Please contact us for customised solutions.

Wooden hand brushes

Hand brushes are ubiquitous and found in many industries, such as the metal, wood, and construction industries. Our range consists up of various fill material (tempered steel, flat steel, brass-plated steel, etc.).



The fill material

- Hardened steel wire: OSG
- Stainless steel wire: Stainless steel
- Brass wire: MES

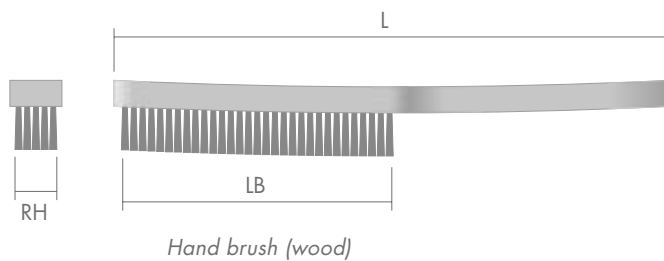
Number of rows

- 2, 3, 4 or 5

How to choose

- Fill material
- Number of rows (RH)
- Brush width (B)
- Brush head (LB)
- Total length (L)

*Standard versions or custom-made.
Please contact us for customised solutions.*



STEEL BRUSHES

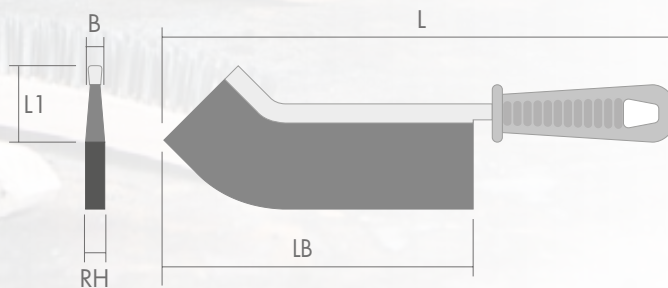
Hand brushes SSHB

Hand brushes SSHB are ideal for working in narrow areas or contoured surfaces. Available with brass, steel or stainless steel wires for general cleaning, rust and paint removal.

Suitable for many uses, especially for DIY purposes. The brushes have fine steel tips and a plastic handle.

Standard dimensions (in mm) ;

- Total length (L) : 265
- Brush head (L1) : 140
- Brush length (L2) : 30



Hand scratch brush (wood)



The fill material

- Brass coated steel wire: LTE
- Stainless steel wire: Stainless steel
- Brass wire: MES

Füllmaterial

- 0.3

Number of rows

- 1

How to choose

- Fill material
- Filament material
- Filament diameter
- Number of rows (RH)
- Total length (L)
- Brush head (LB)
- Brush length (L1)

We manufacture our models based on your own drawings.

Please contact our technical department for customised solutions.

Spark plug brushes and file brushes

Spark plug brushes are narrow brushes with a wooden handle and with a filament of steel, stainless steel or brass wire. They are ideal for cleaning small components such as spark plugs and other electrical connectors.

These small brushes are suitable for all delicate brushing work requiring a fine wire. They are available in different filament materials.

Standard dimensions (in mm)

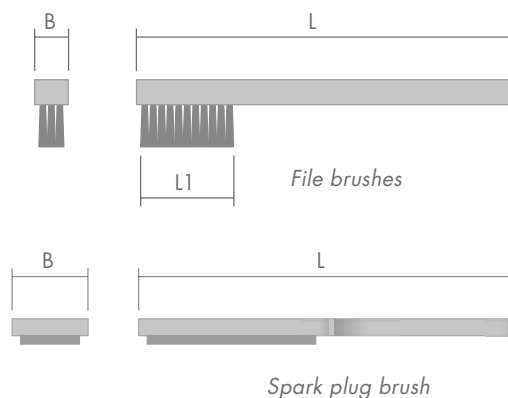
- Total length (L) : 145
- Brush length (L1) : 35
- Brush width (B) : 18

File brushes

These brushes are made of a wooden core and strips of card. These brushes are specially designed to clean wood and metal surfaces.

Standard dimensions (in mm)

- Brush width (B) : 25, 40, 43



The fill material

- Hardened steel wire: OSG
- Stainless steel wire: Stainless steel
- Brass wire: MES

Filament material

- 0.15 - Steel
- 0.20 - Stainless steel
- 0.20 - Brass

Number of rows

- 3

How to choose

- Fill material
- Fill material diameter
- Number of rows (RH)
- Total length (L)
- Brush length (L1)
- Brush width (B)

We manufacture our models based on your own drawings. Please contact our technical department for customised solutions.

Safety recommendations for working safely with motorised brushing tools.

The DIN EN 1083-2 standard defines the safety requirements for motorised brushing tools.

The safe speed indicated on the brush, label or packaging must never be exceeded. In some cases, the recommended working speed is significantly lower than the maximum safe speed. The speed of the driving machine must never exceed the safe speed of the brushing tool.

For more safety when handling motorised brushing tools, please take the following measures:

Storage

- Always store brushing tools in their containers and in suitable rooms, and protect them from deformation.
- Protect brushing tools from water, acid, fumes or other substances likely to damage them.

Protection

- Anyone in the work area must wear proper eye protection during brushing.
- Do not remove the protective covers of the machines.
- Wear appropriate hearing protection if the sound volume exceeds the maximum limit.
- Always take the necessary safety measures (vacuum system, dust masks) before starting the brushing work.

Application

- Before using the brushing tool, check the tool for signs of damage. Damaged brushes must be discarded.
- Only mount brushing tools on machines with suitable clamping devices.
- During handling of shaft-mounted brushes, the brushes should be clamped to the smallest drill body possible.

Collection and recycling

- Worn or damaged brushes must be disposed of properly, in accordance with local authority guidelines.



Because of the wide variety of machine types and uses, it is essential to follow the safety instructions and basic safety measures mentioned in this document. For more information and advice, consult the applicable laws, regulations, specifications and safety standards.

We'll be happy to help.

Contact us:

+33 (0)478 554 551

or go to our website at
www.koti-tribollet.com

The range names and their features

Our brush ranges have the following specific features:



- **Record** :brushes with crimped wire



- **Ultra** : twist knot brushes



- **Alpha** : brushes filled with abrasive fill material



- **Multicord** : Brushes filled with stranded steel and brass-plated steel wire.

What if the brushing does not give the desired result?

Insufficient brushing

- Increase the peripheral speed by increasing the brush diameter or the operating speed (do not exceed the maximum safe speed).
- Change the trim end.
- Change the fill material diameter.

Brushing is too powerful

- Reduce the peripheral speed by decreasing the brush diameter or the operating speed.
- Change the trim end.
- Change the fill material diameter.

Surface finish too rough

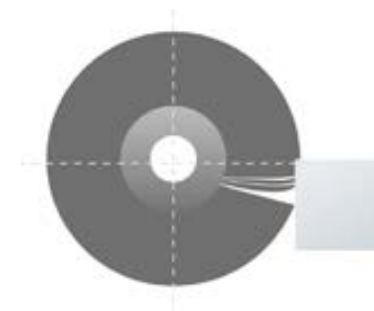
- Increase the peripheral speed by increasing the diameter of the brush or the operating speed (do not exceed the maximum safe speed).
- Change the trim end.
- Change the fill material diameter.



Excessive operating pressure (penetration depth) reduces the life of the brush.

Excessive operating pressure (penetration depth) reduces the life of the brush.

The brush 'tips' work with a light pressure of 1-2.5mm.



The wire brushes operate only with the tips of the wires, so a shallow penetration depth is sufficient in most cases.

TECHNICAL SPECIFICATIONS

Table of peripheral speeds.

Peripheral speed is a decisive factor in getting the best result with a brush. This table will help you to determine the correct peripheral speed, based on the brush diameter and speed of rotation.

Note: the speed of rotation must never exceed the maximum safe speeds for each brush, as stated in this brochure. Where maximum safe speeds are not stated and specific brushes are not listed, please contact our Technical Department for guidance.

The optimum speed of rotation is determined by the operating conditions. In most cases, lower speeds of rotation will be more efficient and produce a better result. As a general rule, we recommend the following peripheral speeds for the following materials:

t/mn	Peripheral speed (m/sec)											
	Brush diameter in mm											
	20	40	50	80	100	125	150	180	200	250	300	350
800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
1.150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
1.200	1.26	2.51	3.14	5.02	6.28	7.85	9.41	11.30	12.55	15.69	18.83	21.97
1.400	1.46	2.93	3.66	5.86	7.32	9.15	10.98	13.18	14.64	18.31	21.97	25.63
1.500	1.57	3.14	3.92	6.28	7.85	9.81	11.77	14.13	15.69	19.61	23.54	27.46
1.800	1.88	3.77	4.71	7.54	9.41	11.77	14.12	16.95	18.83	23.54	28.24	32.95
2.000	2.09	4.19	5.23	8.37	10.26	13.08	15.69	18.84	20.92	26.15	31.38	36.61
2.500	2.62	5.23	6.54	10.47	13.08	16.35	19.61	23.55	26.15	32.67	39.23	45.76
2.800	2.93	5.86	7.32	11.72	14.64	18.31	21.97	26.37	29.29	36.61	43.93	51.25

Record and Multicord

- Steel : approx. 30 m/sec
- Non-ferrous metals: 18-20 m/sec
- Synthetic : approx. 15 m/sec

Alpha

- Steel : 18-20 m/sec
- Non-ferrous metals : 18-20 m/sec
- Synthetic : approx. 15 m/sec

Ultra

- Steel - 35-40 m/sec

Peripheral speed (m/sec)												
t/mn	Brush diameter in mm											
	20	40	50	80	100	125	150	180	200	250	300	350
3.000	3.14	6.28	7.85	12.56	15.69	19.62	23.54	28.26	31.38	39.23	47.07	54.92
3.200	3.35	6.70	8.37	13.40	16.74	20.92	25.10	30.14	33.47	41.84	50.21	58.58
3.500	3.66	7.33	9.15	14.65	18.31	22.89	27.46	32.97	36.61	45.76	54.92	64.07
4.000	4.19	8.37	10.46	16.75	20.92	26.16	31.38	37.68	41.84	52.33	62.76	73.22
4.500	4.70	9.42	11.77	18.84	23.54	29.43	35.30	42.40	47.07	58.84	70.61	82.43
5.000	5.23	10.47	13.08	20.93	26.15	32.70	39.23	47.10	52.33	65.38	78.50	
5.400	5.65	11.30	14.12	22.94	28.24	35.31	42.36	50.67	56.48	70.61	84.78	
6.000	6.28	12.56	15.69	25.12	31.38	39.24	47.07	56.52	62.76	78.50		
7.000	7.33	14.66	18.31	29.31	36.61	45.78	54.92	65.94	73.22	91.58		
8.000	8.37	16.75	20.92	33.94	41.48	52.32	62.76	75.36	83.73			
9.000	9.42	18.84	23.54	37.68	47.07	58.86	70.61	84.78	94.20			
10.000	10.47	20.93	26.17	41.86	52.33	65.40	78.50	94.20				
12.500	13.08	26.17	32.71	52.33	65.42	81.75	98.13					
15.000	15.70	31.40	39.25	62.80								
17.500	18.32	36.63	45.79	73.26								
20.000	20.93	41.87	52.33	83.73								
22.500	23.55	47.10	58.88	94.20								
25.000	26.17	52.33	65.42	104.66								

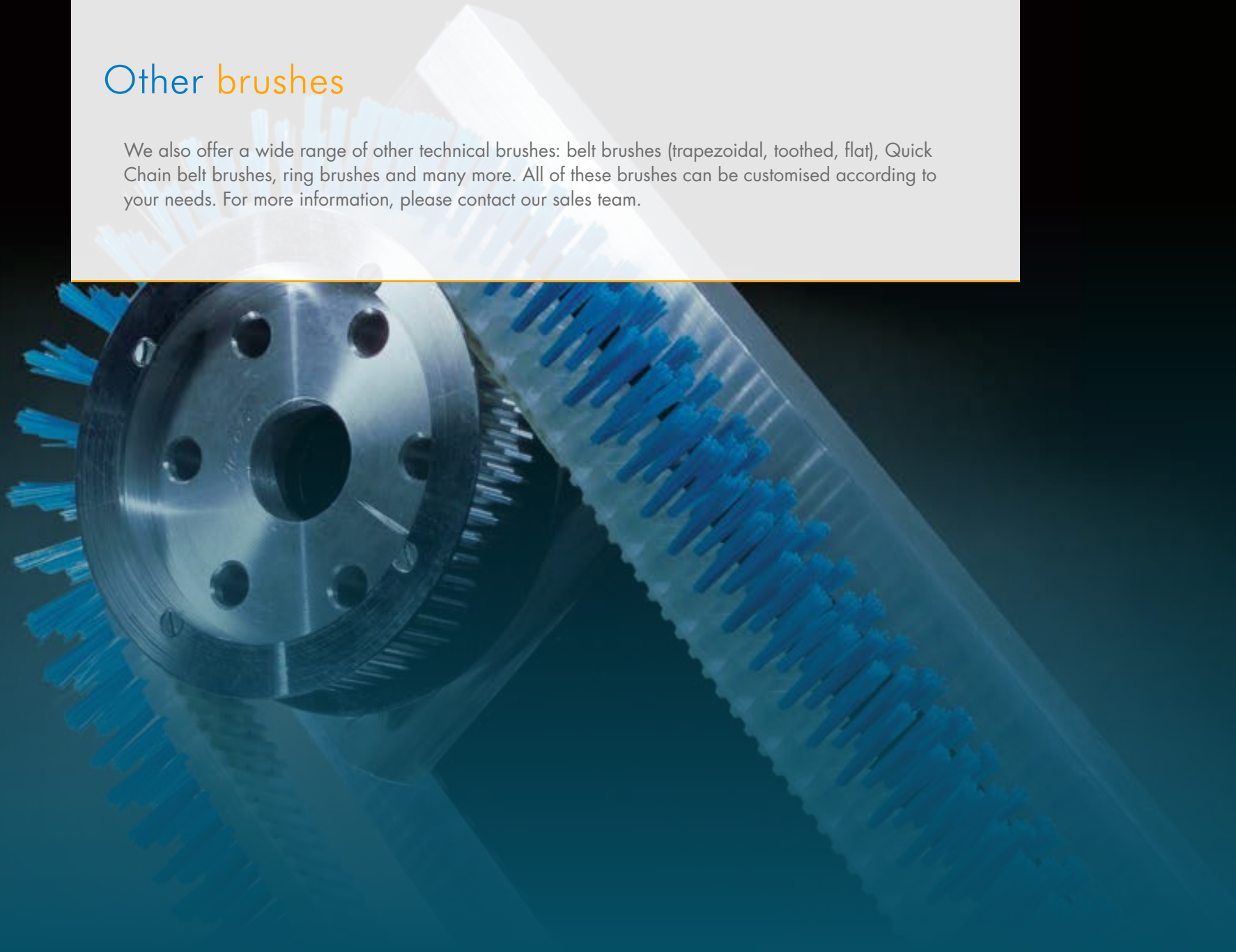
We'll be happy to help.

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Other brushes

We also offer a wide range of other technical brushes: belt brushes (trapezoidal, toothed, flat), Quick Chain belt brushes, ring brushes and many more. All of these brushes can be customised according to your needs. For more information, please contact our sales team.



Flat belt brush

Flexible belt brushes with a flat synthetic or leather core in widths up to 200 mm. Available in a wide range of widths, fill material and densities to suit your application. Very popular for transport and cleaning.

Available in continuous or open belt.

Features:

- Different widths and lengths available.
- Various filling materials.
- Available with a synthetic or leather core.
- longer lengths or widths are supplied with guide strips.



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

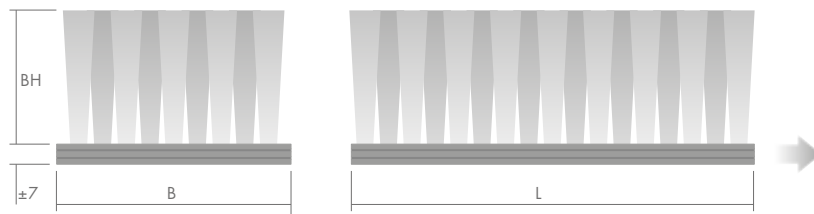
Special

- Open belt conveyor
- Continuous conveyor

How to choose

- Fill material
- Brush height (H)
- Belt length (L)
- Belt width (I)
- Belt type
- (continuous or open belt)

For more information, please contact our technical team.



Flat belt brush 25-200 mm

OTHER BRUSHES

Toothed belt brush

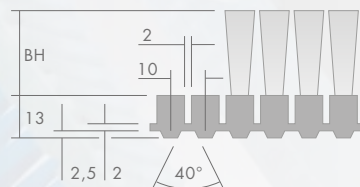
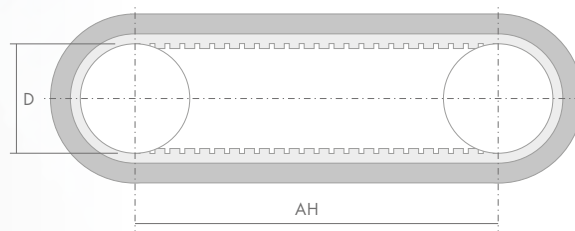
The flexible toothed belt brushes are made of a polyurethane core with widths up to 150 mm with synthetic or natural fill material to suit your application.

This type of belt is mainly used for positioning or transportation. Toothed belt brushes allow for very precise positioning. The speed of rotation can be set very precisely, up to 6 m/s.

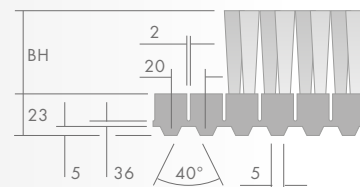
Available in continuous or open belt.

Features:

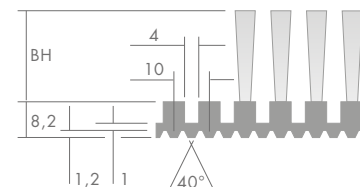
- The speed of rotation can be set very precisely.
- Suitable for transporting fragile products.
- Guaranteed accurate positioning.
- No sliding.



Teeth 5 mm



Teeth 10 mm



Teeth 20 mm

The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Distance between teeth (AH) in mm

- 5
- 10
- 20

Number of rows

- 1 für 5- und 10-mm-Zinken
- 2 für 20 mm Zinken

How to choose

- Fill material
- Brush height (H)
- Brush width (BB)
- Belt width (I)
- Belt length between centers (AH)

For more information, please contact our technical team.

V-belt brush

These belt brushes are built on a V-shaped flexible core. Available in one, two or three rows with filling material to suit your application.

V-belt brushes are the ideal solution for narrow or delicate places. Available in widths from 8mm to 22mm.

Available in continuous or open belt.

the polyethylene core is compatible with standard mounting pulleys.

Features:

- Small working width
- Continuous or open belt.
- Suitable for transporting fragile products.



The fill material

- Abrasive
- Natural
- Synthetic
- Metal
- Mixed

Number of rows

- 1, 2 or 3

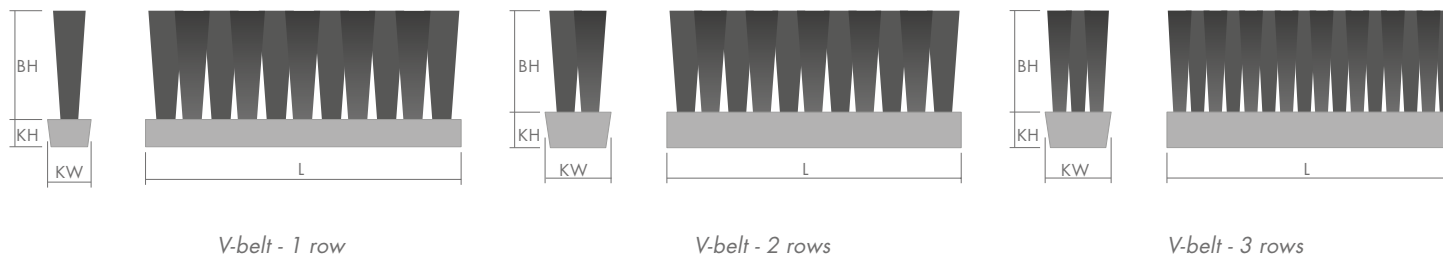
Special

- Open belt conveyor
- Continuous conveyor

How to choose

- Fill material
- Number of rows
- Brush height (H)
- Belt length (L)
- Belt type
- (continuous or open belt)

For more information, please contact our technical team.



OTHER BRUSHES

Quick Chain belt brush

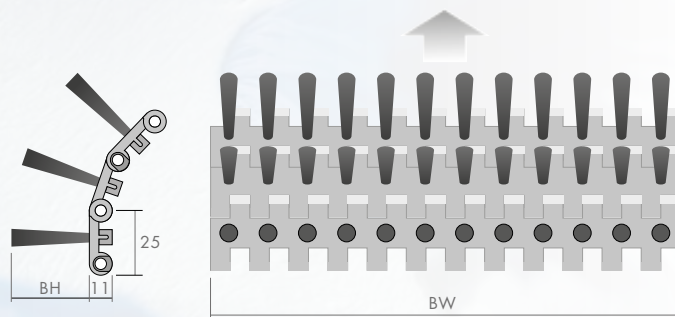
Belt brushes with replaceable chain link, perfect for transporting delicate components. Almost any belt length and width can be assembled.

This multifunctional system transports both fragile and heavy items efficiently, free from noise and harm. Available in widths up to 2000mm. Almost any length of belt can be constructed by simply sliding and securing the individual links together.

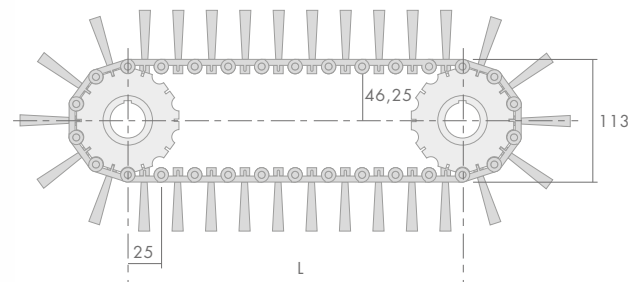
The most versatile version of the belt brush

Features:

- Can be used in horizontal, vertical and inclined positions.
- Almost any desired length and width is possible.
- Worn brush parts can be replaced quickly.



Mounting the links



Medium speed Chain



The fill material

- Synthetic fiber
- Natural fiber

Centre distance of the gear wheel (r)

- Small: 27.2 mm
- Medium: 46.25 mm
- Large: 54.2 mm

Total height (HT)

- Small - 76.3 mm
- Medium - 113 mm
- Large - 129.4 mm

How to choose

- Fill material
- Trim length (BH)
- Belt width (BW)
- Centre distance (L)

For more information, please contact our technical team. Assembling the links

Brush ring

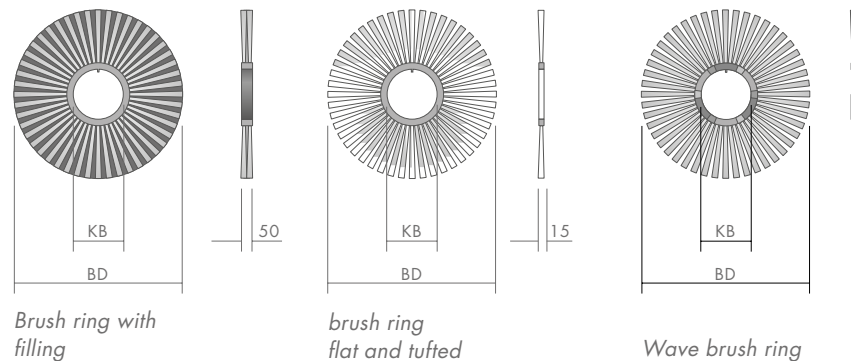
Our ring brushes come with Synthetic fiber or steel fill material, in a flat or "Wave" model, for all sweeping operations in large areas. The brushes are stacked on a spindle to form a complete cylindrical brush.

Thanks to this modular principle, it is possible to vary the density of the brush (by using spacers) and the filling material (e.g. mix of synthetic and metal filling). Quick and easy to assemble and disassemble.

Available in standard and custom diameters

Features:

- Available in different brush diameters.
- Optimal flexibility.



The fill material

- synthetic
- metal

Models

- Brush ring with filling
- Flat brush ring
- Tufted brush ring
- Wave brush ring

Filling

- Open, dense, very dense

How to choose

- Fill material
- Model
- Density:
- Bore diameter (AL)
- Brush diameter (D)
- Thickness (Ep)

You can always contact us for more information.

Hygiene brush

KOTI-TRIBOLLET is not only one of the most innovative brush manufacturers in the field of technical brushes, we are also present in the hygiene products market. Whether you need hygiene products to keep your work environment clean or a customized technical solution for your production process, you can always contact us, we will be happy to help you.

Hygiene brushes

The KOTI-TRIBOLLET range of hygiene products meets the requirements of all sectors (e.g. food or medical).

Thanks to the wide choice of colours, it is possible to clearly distinguish cleaning tools according to where they are used. This helps to prevent infection and cross-contamination.

We stock a wide variety of hygiene brushes for different applications. Just ask and we'll be happy to help.

Features:

- A wide choice of different models.
- Available in different colours and sizes.
- Certified by the FEIBP, the European Brushware Federation.
- A wide range of special products made on demand.



Models of hygiene brushes

- Brooms
- Wolf heads
- Scrapers
- Tank brushes
- Barrel brushes
- Handles
- Scrubbing brushes
- Hand brushes
- Hand brushes
- Paint brushes
- Nail brushes
- Swab brushes
- Special brushes

Colours

- Red
- Yellow
- White
- Blue
- Green

Certificate of conformity

FEIBP, the European Brushware Federation.

You can always contact us for more information.



KOTI-Group

The KOTI group has nearly 900 employees, working on 14 locations. The head office and one of the production sites are located in Weert (the Netherlands). of 12 independent production sites and 2 sales offices in Europe are also part of the group. The KOTI Group works together with partners all over the world, especially in South America, the Middle East and Asia.

Production and expertise

Production and expertise On the strength of years of experience, KOTI is proud to offer you brush solutions to suit your needs. We have a wide variety of products available from stock or made to measure. The KOTI Group has manufactured millions of different brushes.

The KOTI Group attaches great value to reliability and is 100% committed to their customers.

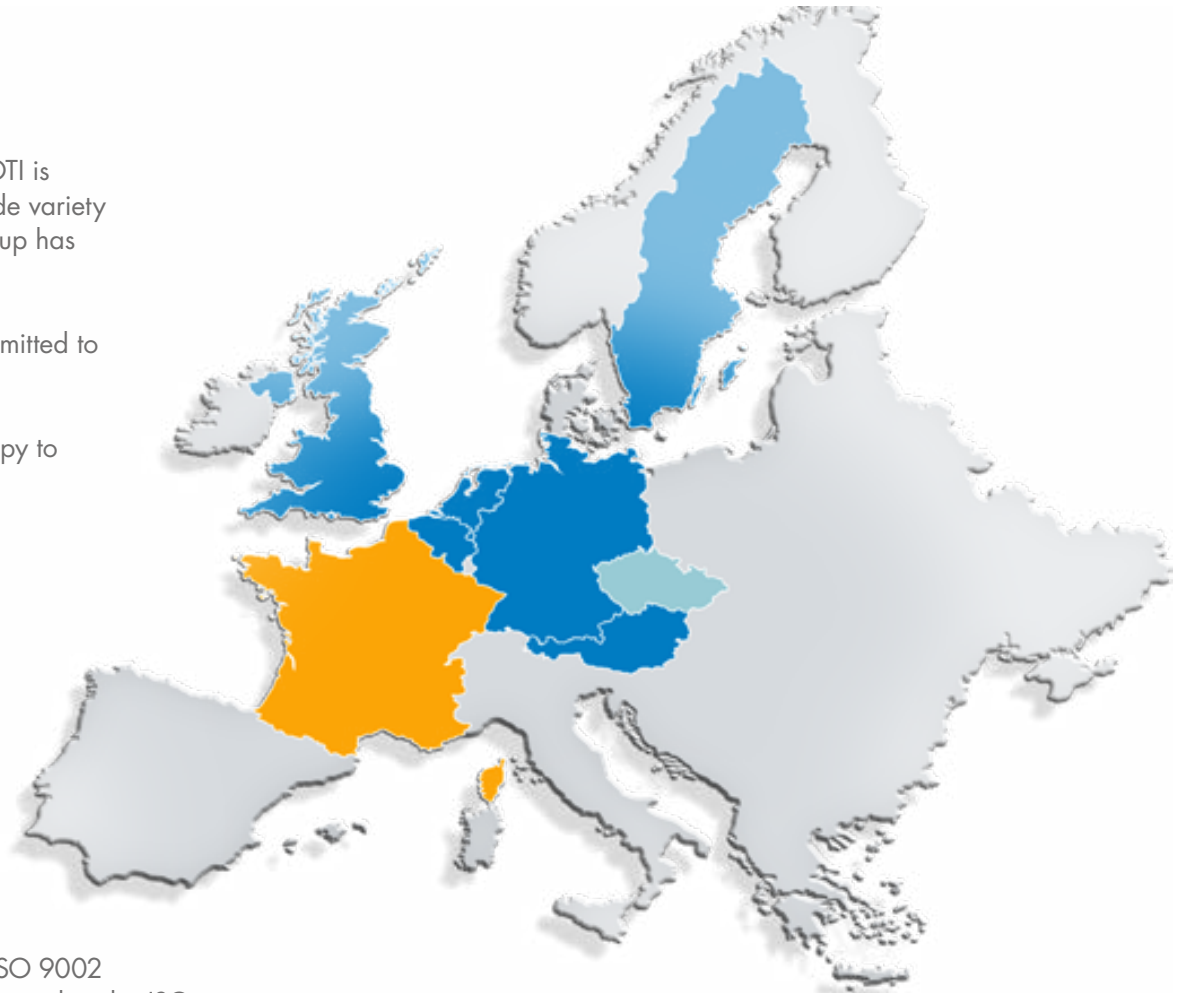
We deliver our products worldwide and our local teams will be happy to advise you.

- KOT-TRIBOLLET SAS - Production and sales
- Other KOTI production sites
- KOTI Sales office

Are you working on a project?
Don't hesitate to contact us.

ISO Certificate

In 1993, KOTI was one of the first manufacturers in Europe to receive ISO 9002 certification. KOTI belongs to Europe's top suppliers of industrial brushes and is also ISO 9001 certified. The balance of organisation, development, production adaptability and product quality brings buyers of KOTI products continuous benefits.



Ask us



KOTI-TRIBOLLET SAS Brosses Techniques

Chemin de Charolles

01120 Thil

France

T +33 (0)4 78 55 45 51

F +33 (0)4 78 55 45 61

commercial@koti-tribollet.com

www.koti-tribollet.com

Brushes for all industries

KOTI-TRIBOLLET develops and manufactures brushing solutions for all kinds of industries. We know from experience that each market has its own specific needs and we are committed to provide our customers added value with our brushes. From our range of standard brushes to our custom solutions, designed just for you, we'll make sure you get the right brush for your needs.

Would you like more information?

Ask for one of our many brochures, we will be happy to send you a paper or digital copy:



- Strip brushes and insulation products
- Airport brushes



Brushing Solutions

KOTI-TRIBOLLET develops and manufactures brushing solutions for all kinds of industries. Whether you need our brushes for conventional applications or for special purposes, they can be used for many applications:



- Sealing
- Cleaning
- Polishing
- Sanding
- Chemical treatment
- Lubrication
- Gluing
- Guiding
- Deburring
- Grinding
- Structuring
- Transportation

...and much more!

KOTI-TRIBOLLET SAS Brosses Techniques

T +33 (0)4 78 55 45 51

E tribollet@koti-tribollet.com

www.koti-tribollet.com