

Product Information



Punched knot brush

Punched knot brushes are manufactured to order using tufts of filaments punched or drawn into a plastic, wooden or metal core. Brushes are supplied in varying widths and lengths, more suited to creating wider surface areas than brushstrip. Punched knot brushes can also be supplied on disc or circular cores for rotary applications.

For more information
Phone
0117 958 2450
Or visit
www.ksltd.com

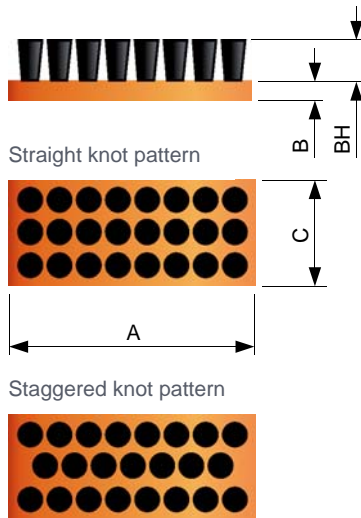
Type 82
Punched knot circular brush

Type 89
Punched knot disc brush

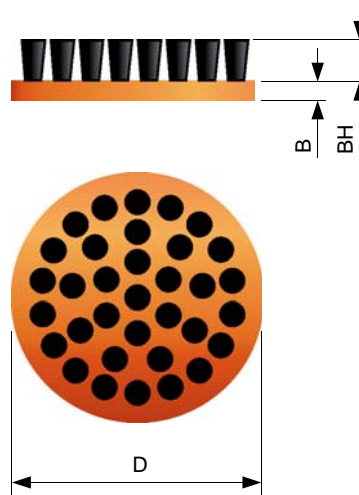


Type 88
Punched knot lath brushes

Lath brush



Disc brush



How to specify Lath brushes

Specify the following together with additional requirements according to your application:

- ▶ Core material
- ▶ Core length (A)
- ▶ Core width (C)
- ▶ Core thickness (B)
- ▶ Fill material
- ▶ Brush height (BH)
- ▶ Knot pattern (number of rows x number of knots per row)

How to specify Disc or circular brushes

Specify the following together with additional requirements according to your application:

- ▶ Core material
- ▶ Core diameter (D)
- ▶ Bore diameter (if applicable)
- ▶ Core thickness (B)
- ▶ Fill material
- ▶ Brush height (BH)
- ▶ Knot pattern (number of rows x number of knots per row)

Features

- Variety of designs, fill densities and knot configurations
- Plastic, wooden, steel or aluminium core
- Punched, hand drawn or resin set tufts
- Extensive range of fill materials.
- Strip and refill service

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Product
Information



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Punched knot brush

Technical notes

Construction

Filament tufts may be punched, hand drawn or resin set into the brush core depending on the core material

Fill materials

To ensure best performance, the selection of the fill material is of paramount importance. Characteristics such as bend recovery, resistance to abrasion and chemicals are available on request. Minimum orders may apply on certain materials and colours.

SYNTHETICS

NYLON - Durable general purpose filament with good bend recovery, flex life and abrasion resistance. Max temp 120°C. Available in heat stabilised grades.

NYLON CONDUCTIVE - Properties of standard Nylon with a conductive coating for anti-static applications.

NYLON FR(H) - Fire retardant Nylon with low smoke density and zero halogens.

NYLON ABRASIVE - Abrasive impregnated filament for deburring and cleaning. Good fatigue and chemical resistance. Grit size 60 - 800 (SIC) or (ALO)

POLYPROPYLENE - Good chemical resistance with less water absorption than Nylon. Max temp 60°C.

POLYESTER - Excellent filament with good stiffness, bend recovery and abrasion resistance. Particularly suitable for wet applications. Max temp 100°C

NATURAL MATERIALS

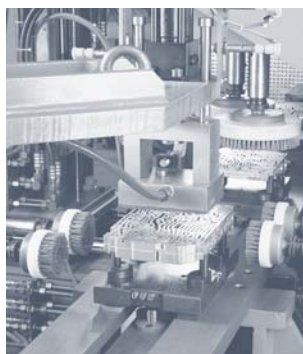
HORSEHAIR, BRISTLE, and GOAT HAIR - Excellent resistance to taking a set, good bend recovery and resistance to sunlight. Soft to medium stiffness.

METALLICS

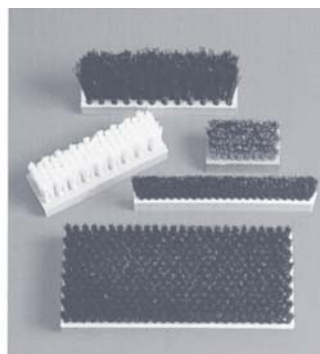
STEEL - Crimped or flat wire.

STAINLESS STEEL - Crimped wire AISI304

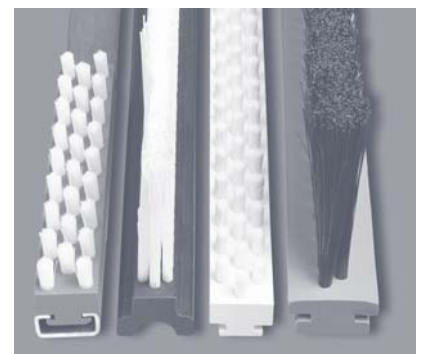
PHOS BRONZE, BRASS, NI SILVER - Crimped wire



Abrasive disc brushes used to deburr machined components.



Variety of lath brushes



Selection of standard lath brush profiles used for material transfer

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