

Product Information

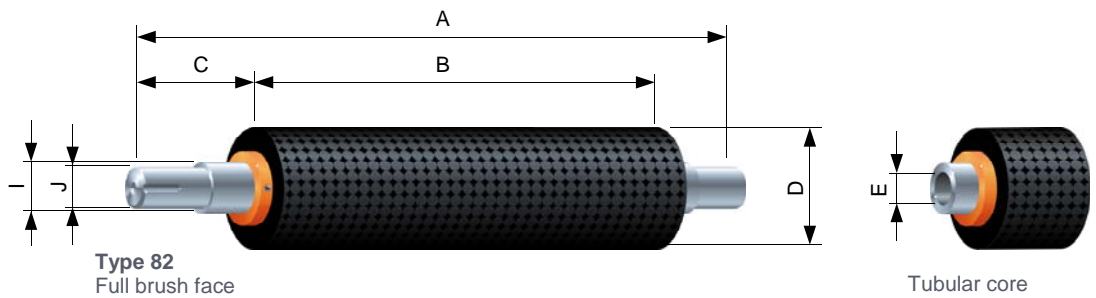


For more information
Phone
0117 958 2450
Or visit
www.ksltd.com



Punched knot rollerbrush
Single core

Constructed using machined fastened or hand drawn tufts of filaments assembled on to a roller core. Rollerbrushes can be supplied in various fill densities and fill configurations for uniform or direction sweeping.



- | Features |
|---|
| • Available with solid shaft or tubular cores |
| • Various fill densities |
| • Full face, helical or chevron tuft patterns |
| • Rollerbrush strip and refurbishment service |
| • Supply complete or fitted to customers core |

| ROLLERBRUSH DIMENSIONS | | | | FILL MATERIALS | | | | | |
|------------------------|----------------|---------|------------|----------------|------|--------------------------|------|---------------------------------------|------|
| Type | Brush diameter | | Brush face | Synthetic | | Steel Stainless steel | | Phos Bronze Nickel Silver Brass | |
| | D (Min) | D (Max) | | B (Max) | Min | Max | Min | Max | Min |
| 82 | 30.00 | 500.00 | 500.00 | 0.06 | 1.40 | 0.06 | 0.46 | 0.06 | 0.56 |

Construction
Machined fastened or hand drawn tufts of filaments on a roller core, complete with shaft or tubular core.

Dimensions are in mm

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**How to specify
Type 82 full brush face**

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

- ▶ Brush type
- ▶ Fill material
- ▶ Length (A)
- ▶ Brushface (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)

**How to specify
Type 82 helical brush face**

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

- ▶ Brush type
- ▶ Fill material
- ▶ Length (A)
- ▶ Brushface (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)
- ▶ Pitch (G)
- ▶ RH or LH helix

**How to specify
Type 82 chevron brush face**

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

- ▶ Brush type
- ▶ Fill material
- ▶ Length (A)
- ▶ Brushface (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)
- ▶ Pitch (G)

Technical notes

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

Kleeneze Sealtech Limited

Ansteys Road, Hanham
Bristol BS15 3SS

Tel +44 (0)117 958 2450

Fax: +44 (0)117 960 0141

Email: sales@ksl.uk.com

Web: www.ksltd.com



Rollerbrush used to support and tension delicate materials