

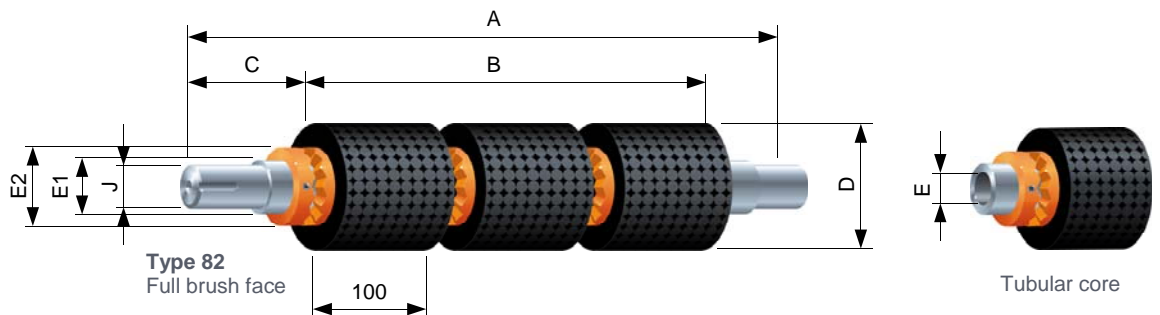
Product Information



Punched knot rollerbrush
ST modular system

Tufted brush construction based on a system of interlocking modules mounted on a shaft or tubular core to produce a continuous brush face. The lightweight reinforced core modules enable easy replacement of damaged or worn sections.

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



- | Features |
|---|
| • Seven standard core diameters |
| • Three brush densities |
| • Full face, helical or chevron tuft patterns |
| • 100mm wide modules |
| • Optional locking end collars |

Type	ROLLERBRUSH DIMENSIONS					FILL MATERIALS					
	Brush diameter		Core diameter		Brush face	Synthetic		Steel Stainless steel		Phos Bronze Nickel Silver Brass	
	D (Min)	D (Max)	E1	E2	B (Max)	Min	Max	Min	Max	Min	Max
8120	40.00	160.00	20.00	32.00	500.00	0.06	1.40	0.06	0.46	0.06	0.56
8125	54.00	175.00	25.00	46.00	1000.00						
8135	66.00	275.00	35.00	58.00	1800.00						
8140	74.00	290.00	40.00	66.00	2000.00						
8160	94.00	305.00	60.00	86.00	3000.00						
8175	110.00	320.00	75.00	102.00	5000.00						
8100	135.00	345.00	100.00	127.00	6000.00						

Dimensions are in mm

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Product
Information



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**How to specify
Type 81 full brush face**

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

- ▶ Type number
- ▶ Fill material
- ▶ Length (A)
- ▶ Brush face (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)
- ▶ End collars

**How to specify
Type 81 helical brush face**

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

- ▶ Type number
- ▶ Fill material
- ▶ Length (A)
- ▶ Brush face (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)
- ▶ Pitch (G)
- ▶ RH or LH helix
- ▶ End collars

**How to specify
Type 81 chevron brush face**

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

- ▶ Type number
- ▶ Fill material
- ▶ Length (A)
- ▶ Brush face (B)
- ▶ Brush position (C)
- ▶ Brush diameter (D)
- ▶ Core diameter (I)
- ▶ Shaft detail (J) or bore (E)
- ▶ Pitch (G)
- ▶ End collars

Technical notes

Construction

Standard brush face widths in multiples of 100mm modules. Non standard brush faces can be achieved by shortening a module. Bore adaptors can be fitted to reduce standard bore sizes.

Assembly

Simply slide the brush modules onto the shaft with the trapezoidal teeth interlocked together. Position and secure the locking end collars as required

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

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

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