

Brush timing belts

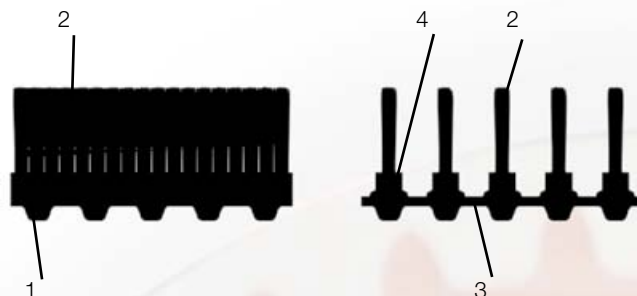
A solution for almost every application

To complement standard applications in power transmission, linear and transport technology, we offer the CONTI SYNCHROFLEX® Brush Timing Belt for special applications.

Construction

The timing belt is either equipped with a stronger back with brush or - to meet the individual application - with brush flights. The thickness of the back is between 10 and 20 mm, depending on the fibre thickness and cutting length. Flight centre-distance, fibre density and type are individual matched to each application.

1. Timing belts with reinforced back (the necessary flexibility is achieved by notches in the back of the belt).
2. Brushes/fibres
3. Standard timing belt
4. Profile



Versatile application

Conveying:

- Transport of sensitive parts for example: glass, ceramics, paper
- Conveying of materials featuring delicate surfaces
- Accumulation conveying due to the extremely low coefficient of friction
- Larger contact surface resulting from the fanned fibre arrangement
- Reduced conveying noise
- Dirt and chips cannot accumulate on the contact surface
- Combination with all transport flights

Cleaning:

- Dry and wet application
- Surface treatment

Product range

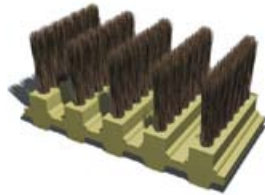
Brush timing belts are available in any length offered in our product range and in the following pitches:

T 5, T 10, T 20, AT 5, AT 10, AT 20

Please contact us for more detailed information on fibre materials, data on chemical resistances and admissible temperature ranges.

Natural fibres and hair

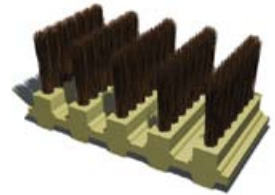
(max. cutting length 30 mm)



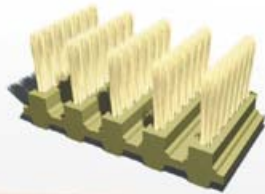
Horsehair, soft



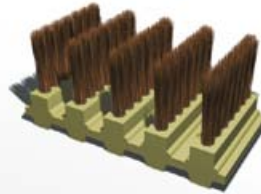
Horsehair mix, semi-hard

Calcutta bristles,
semi-hard**Plant fibres**

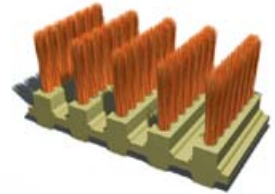
(cutting length 10 to 75 mm)



Mex. fibre, semi-hard



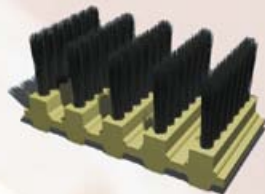
Arenga, hard



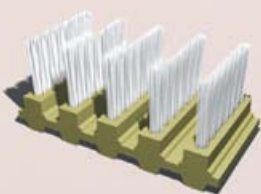
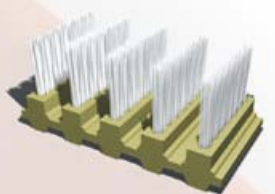
Coconut fibre, hard

Artificial bristles

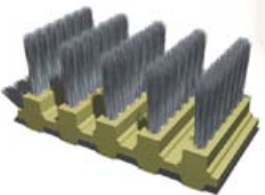
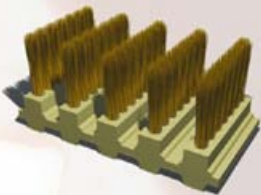
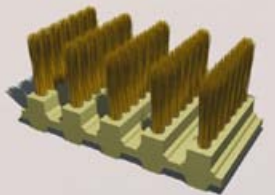
(any cutting length)



Mypren 0.20 mm dia.

Nylon 6 Ø 0.15 to 0.5 mm
straight or corrugatedNylon 6.6.
Ø 0.15 - 0.5 mm
straight or corrugated**Wire**

(any cutting length)

Steel wire
Ø 0.15 - 0,4 mm
straight or corrugatedBrass wire
Ø 0,1 - 0,4 mm
straight or corrugatedPhosphate bronze
Ø 0,1 - 0,4 mm
straight or corrugated