

Cylinder wires

for revolving flat cards

Passport

What?

The cylinder takes the fibres from the lickerin and carries out the major carding action along with the flexible tops. The selection and condition of the cylinder wire is important for optimum carding performance.

Tip

We offer different coil sizes to suit the size of the cylinder on the card.

Product info

- The Bekaert range of cylinders contains wire of 2.0 mm and of 2.5 mm height.
 - The 2.0 mm are mostly used in cotton carding applications with front angles of 40°, 35° and 30°.
 - The 2.5 mm mostly find application in synthetics and for cotton on older cards with front angles 30°, 25°, 20°, 15°, 10°.
- Cylinder wires are available in a range of densities (point populations).
- The selection depends on fibres, card and application.

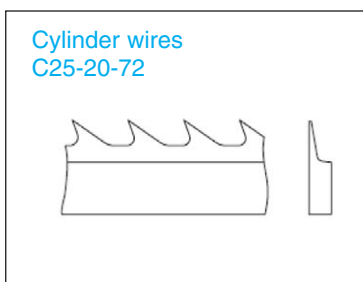
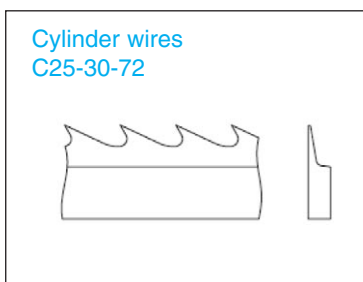
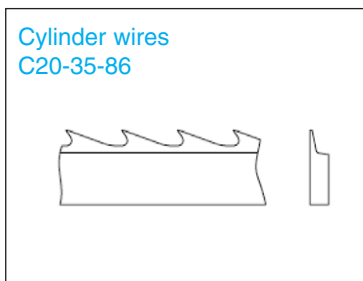
Properties

- Manufactured to precision tolerances.
- Consistent heat treatment for optimum hardness and hardness depth resulting in increased wear resistance and longer lifetime.
- Soft ribs to facilitate easy wire mounting.

Cylinder wires: 3 steelgrades

Super standard high carbon steel	Duratech micro alloyed steel	Ultra high end steel for longest lifetime
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Product	Height (mm)	Rib (mm)	Pitch (mm)	Angle (°)	ppsi
C20-40-95	2.00	0.40	1.70	40	950
C20-35-95	2.00	0.40	1.70	35	950
C20-30-95	2.00	0.40	1.70	30	950
C20-35-86	2.00	0.50	1.50	35	860
C20-30-86	2.00	0.50	1.50	30	860
C20-30-76	2.00	0.65	1.30	30	760
C20-30-66	2.00	0.65	1.50	30	660
C25-30-86	2.50	0.50	1.50	30	860
C25-30-72	2.50	0.60	1.50	30	720
C25-25-72	2.50	0.60	1.50	25	720
C25-20-72	2.50	0.60	1.50	20	720
C25-20-63	2.50	0.60	1.70	20	630
C25-15-45	2.50	0.90	1.60	15	450
C25-15-40	2.50	0.90	1.80	15	400
C25-10-24	2.50	0.90	2.30	10	240



Range of Bekaert cylinder wires



Coils of cylinder wires