

Doffer wires

for revolving flat cards

Passport

What?

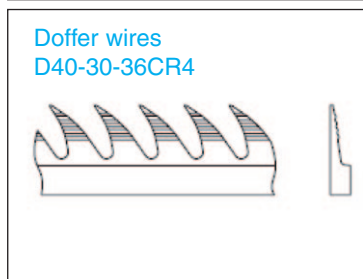
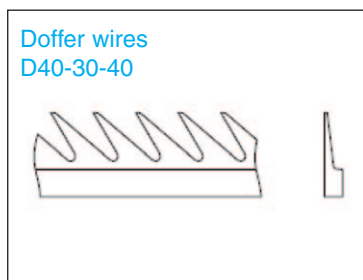
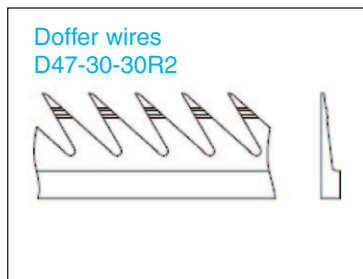
The doffer strips the fibres from the cylinder. The rate of transfer is called the transfer ratio. The transfer needs to be optimised to reduce the re-circulation on the cylinder to a minimum. The specification of the doffer wire, together with the card settings will define the correct operation of the transfer of the fibres from doffer to cylinder.

Product info:

- The Bekaert range of doffers contains wires of 4.0 mm and of 4.7 mm height.
- 4.0 mm height doffers with a 30° front angle is standard for the majority of cards.
- 4.7 mm height doffers with a 30° front angle is used for cards where the OEM specifies higher doffer wires.
- The special tooth shape of curved doffers (indicated with C in the product code) is considered to be advantageous for increased fibre transfer between cylinder and doffer.
- Striations help to give a sufficient degree of fibre adhesion to eliminate pre-doffing for high speed cotton and synthetic applications.

Properties

- Use of high carbon steel.
- Narrow geometrical tolerances.
- Hardness profile and narrow hardness tolerances for wear resistance.
- Soft rib to facilitate wire mounting.



Doffer Wires

Product	Height (mm)	Rib (mm)	Pitch (mm)	Angle (°)	ppi
D40-30-30R2	4.00	1.00	2.20	30	300
D47-30-30R2	4.70	1.00	2.20	30	300
D37-30-40	3.70	0.90	1.80	30	400
D40-30-40	4.00	0.80	2.00	30	400
D40-30-28C	4.00	1.00	2.30	30	280
D40-30-36C	4.00	0.90	2.00	30	360
D40-30-36CR4	4.00	0.90	2.00	30	360