

## Schlafhorst Customer Support Service-News 09/2002

### Schlafhorst Customer Support presents a World Novelty: The Belcoro spinning navels – Advanced Edition Parts, Service, Competence – We keep you competitive.

In the technological development of its Autocoro automatic rotor spinning machine, Schlafhorst takes another step forward and now presents a new innovative generation of spinning navels.



### What exactly does this mean for the Schlafhorst Autocoro customer?

The new Belcoro spinning navels - Advanced Edition, identifiable by the code letter A in the type designation of the navel, constitute an exemplary further improvement in the textile-technological properties of the navel and sets the standards the navel has to meet still higher:

- Long service life thanks to better materials
- Navel dimensions reproducible in navel manufacture
- Enhanced spinning stability and gentler treatment of the yarn even at maximum rotor speeds of 150,000 rpm
- Navels universally suitable for use in all spinbox generations

The new partner of Schlafhorst in systems engineering, the Dornbirn /Austria -based company Emil Bröll GmbH & Co., specialised in investigating and solving intricate problems in the field of tribology, has its own modern manufacturing facility for the production of high-performance ceramic parts. This includes, in the field of rotor spinning, the spinning navels in particular. The company's declared aim is to elaborate solutions to problems related to friction and wear, having a bearing above all on yarn quality and productivity and taking into account the whole range of possible influencing factors.

Jointly, Schlafhorst and Böll have now created a new generation of spinning navels that meet the most exacting requirements and will continuously and consistently be updated in line with textile-technological developments.

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**Highlights of the new spinning navel generation at a glance:**

- Navels of the new generation made of a special high-grade ceramic material
- Further improved yarn quality
  - due to the consistent use of innovative research findings
  - due to highest surface quality of the navel from its mouth to its outlet.
- Even more careful and gentle treatment of the yarn in the production process:  
The use of a new material further reduces the degree of dust accumulation, generation of fly and damage to the textile product from thermal or mechanical influences.
- Low wear and long service life
- Precisely centred position of the navel mouth in the navel mount, thanks to a new fixing technique. The navel mouth cannot come off the navel mount.
- Improved thermal conductivity and maximum amount of safety for the operating personnel.
- Belcoro navels - Advanced Edition are universally suitable for all spinbox generations.
  
- The identification mark of the spinning navels - **Advanced Edition** is the code letter **A** in the navel type designation.

For reasons related to the techniques employed in the manufacture of the navels, the mouths of all types of spinning navels - Advanced Edition are white. The navels are differentiated, however, by differently coloured navel mounts, so that the selection of the appropriate type of navel is no problem.

The series of Belcoro navels - Advanced Edition will be continuously supplemented.

**New brochure**

A new brochure shows details about this innovative spinning navel generation and outlines the history of the development of spinning navels at Schlafhorst. The brochure can be had from [customer-support@schlafhorst.de](mailto:customer-support@schlafhorst.de) or obtained as pdf-download directly at [www.schlafhorst.de](http://www.schlafhorst.de) under **News, Publications, Customer Support**.