



# SNK SF staple fiber sinker

Reduced contamination in the verge ring when knitting staple fiber yarns

# GROZ-BECKERT

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### Application:

When using staple fiber yarns in large diameter circular knitting machines, accumulations of fiber residues, fiber abrasion, dirt and other yarn components can result in deposits in the tracks of the needle and sinker carrier.

Over time these deposits can result in uneven seating, tight movement and overheating of the needles and sinkers in the knitting machine, causing problems such as lines in the fabric or damage to the knitting elements. To prevent this, the needles and sinkers have to be taken out of the machine for proper cleaning of the tracks. This causes labor costs and machine downtime.

The combination of the special application needle SAN™ SF with the SNK SF sinker effectively reduces lint accumulation and significantly extends the time between cleaning cycles. Increased productivity and reduced production costs are the result

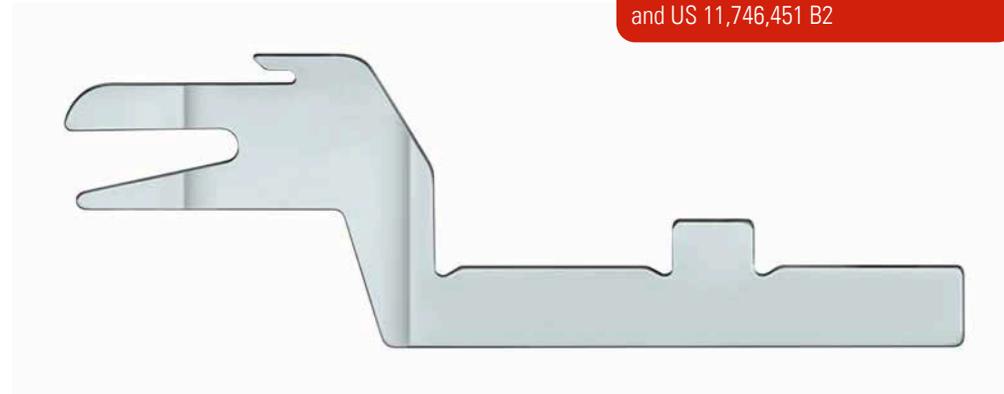
Designations of staple fiber sinkers can be identified by the supplement **SF** in the needle designation.



### Groz-Beckert Patent

EP 3947799B1, CN 113710842B

and US 11,746,451 B2



### Technical feature:

Opening in the front area of the sinker for removal of lint accumulation in the tracks

### Benefit:

- Increased productivity
- Reduced costs
- Better fabric quality

### Advantages:

- Reduced lint accumulation in the tracks
- Cleaning effect
- Less fabric defects
- Less wear to knitting elements and machine parts
- Minimal maintenance efforts



### Reduced contamination of the sinker tracks:

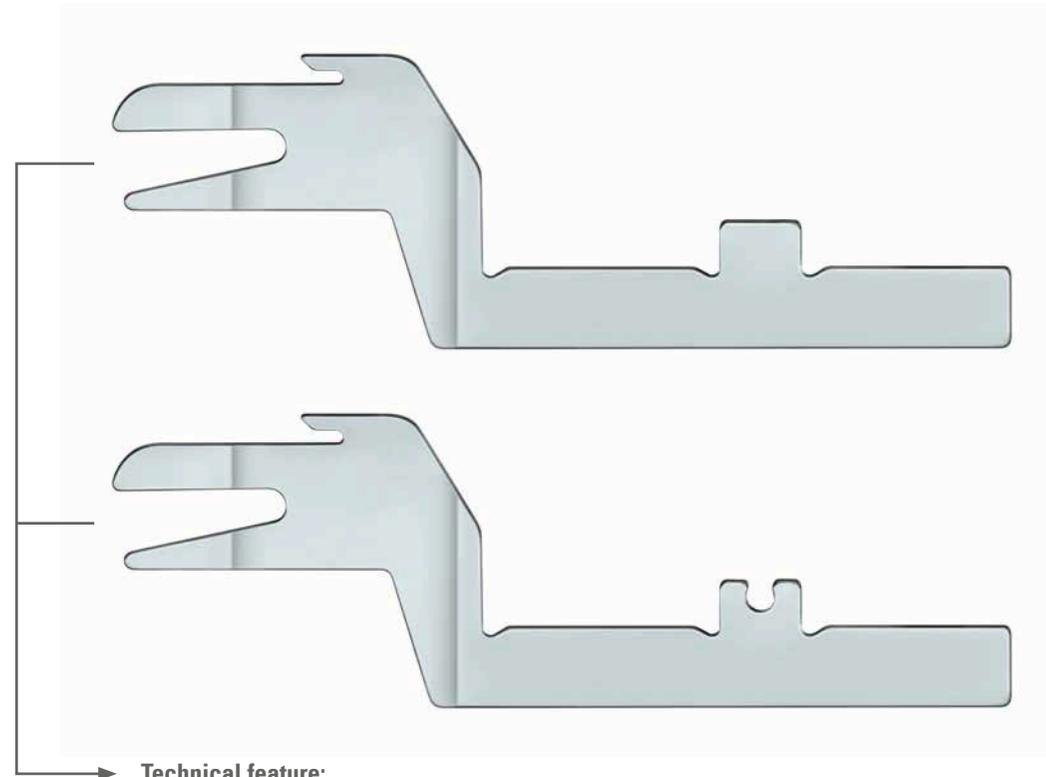
The special shape of the SNK SF with its opening in the front significantly reduces lint accumulation in the verge ring.

### Increased productivity:

The self-cleaning effect thereby extends the period between cleaning cycles. In field tests, the combination of the SAN™ SF needle and the SNK SF sinker resulted in an average extension of the period between cleaning cycles by factor 3.

### Better fabric quality:

Due to the cleaning effect of the SNK SF sinker, the amount of defects in the fabric, like contamination-related vertical lines, can be minimized.



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Opening in the front area of the sinker for removal of lint accumulation in the tracks