Relanit sinker with integral spring

Optimized sinker to reduce wear and increase smooth running

GROZ-BECKERT

Groz-Beckert KG
Parkweg 2, 72458 Albstadt, Germany
Phone +49 7431 10-0
contact-knitting@groz-beckert.com
www.groz-beckert.com

Relanit sinker with integral spring

Application:

The loop formation process in Relanit machines differs from that of other single jersey machines due to the unique arrangement of the knitting elements. In addition to the central butt, the sinker also features two swivelling butts, which control the relative movement of the sinker.

Due to the slight pretension of the sinker with integral spring, both swivelling butts have contact with the cam tracks during the knitting process. As a result, there are significantly fewer vibrations and the sinker runs smoother in the machine. Jolts acting on the swivelling butts during the knitting process are noticeably reduced by the small play.

This results in a uniform loop structure and a longer service life of the sinker due to reduced wear to the swivelling butts.

The sinker with integral spring requires no special adjustment. It can also be used in machines that previously used standard sinkers.

The spring force has been set up independently of the gauge for optimal interaction between the sinker with integral spring and the cam track. With the sinker with integral spring, the tension on the thread can be reduced slightly, resulting in fewer holes in the knitted fabric and thus a lower proportion of rejects and higher efficiency.

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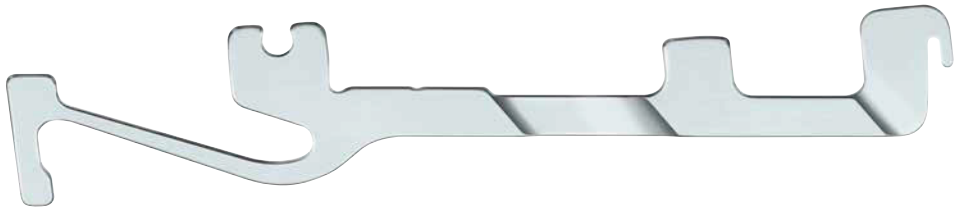
Technical features:
Sinker with integral spring

Advantages:
- Less force applied during the knitting process
- Smoother running of the machine
- Lower thread tension required

Benefits:
- Less wear to the swiveling butts
- Improved loop structure
- Fewer holes in the knitted fabric and thus a lower proportion of rejects



Designations of Relanit sinkers with integral spring start with SNK-F.