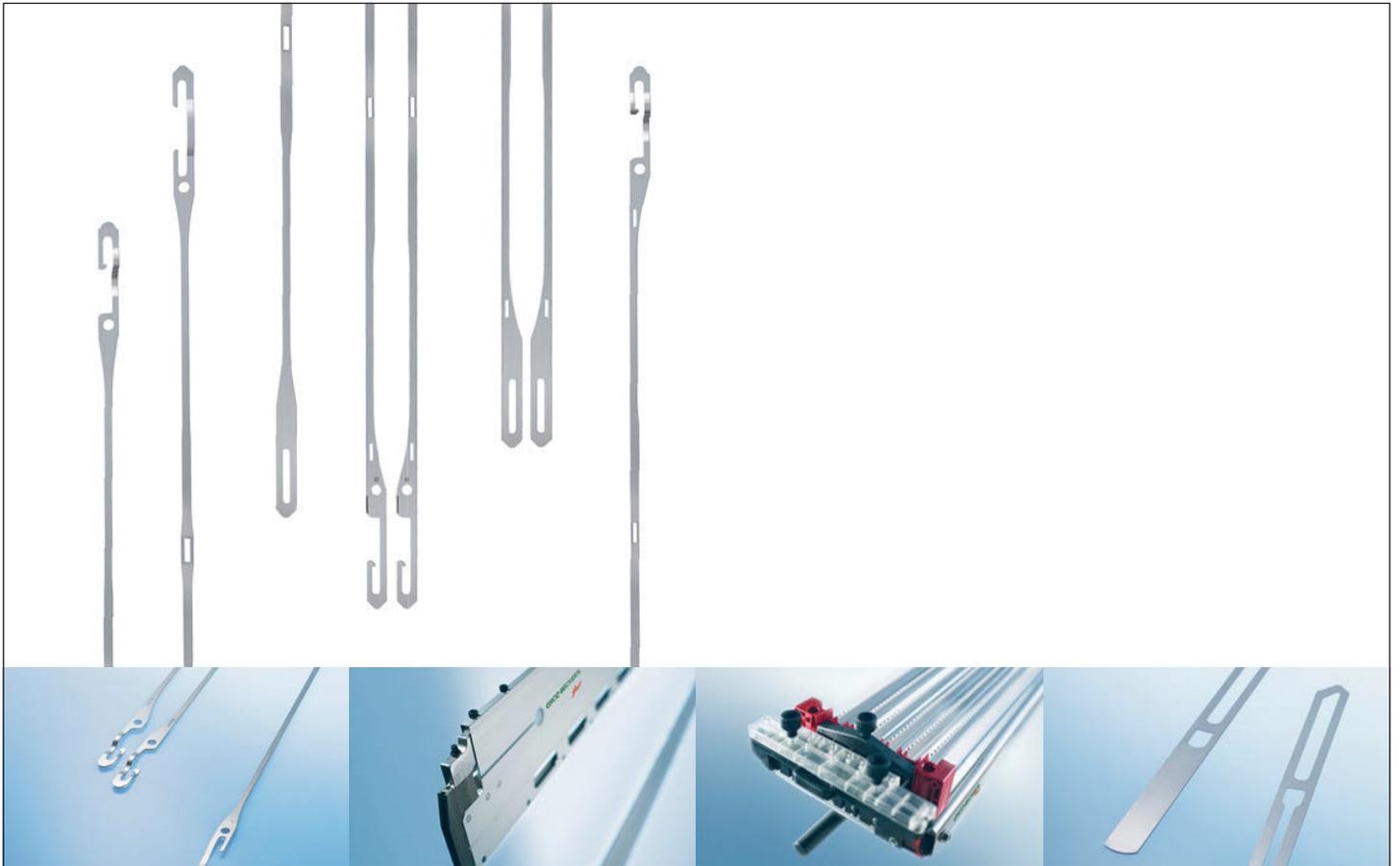


# product overview

weaving machine parts

WEAVING



GROZ-BECKERT®

## WEAVING MACHINE ACCESSORIES BY GROZ-BECKERT



### Healds with C and J-shaped end loops

Choosing the right heald for each specific application is decisive. Groz-Beckert takes the strain of making this decision – with consistently high quality right across a broad product portfolio. The range of healds with C and J-shaped end loops for sliderless heald frames includes DUOMIX® healds with double-row thread eyes and SOLOPUR® healds with single-row thread eyes for lower warp densities.

All products are made of GROBINOX® tempered stainless steel and are characterized by their outstanding dimensional stability, ultra-fine polish and high resistance to loads coupled with a minimal cross-section. Another highlight is the patented OPTIFIL® thread eye, an essential yarn carrying element for economical fabric production which also minimizes yarn stress.

### Healds with O-shaped end loops

Groz-Beckert also has a range of high-performance healds to offer for slider heald frames. Whether flat steel healds with reinforced end loop or GROBEXO® and GROB-O® healds made of non-tempered flat steel for shuttle or water jet weaving machines: The range covers every conceivable requirement.

A precisely tailored solution is available to suit different weaving machine speeds and heald stress levels for every conceivable requirement. The OPTIFIL® thread eye is a firm feature of every flat steel heald. DUOWIN® healds provide scope for using these same benefits on the basis of non-tempered steel.

### Leno weaving

Leno weaving is gaining increasingly in both importance and also volume. Producers seeking to maximize on the new potential of this emerging market place their trust in Groz-Beckert as a specialist and partner. GROBTRA® and GROBTEX® leno healds, for instance, are ideally suited for the manufacture of top-quality fabric. The halfcross leno weave produces excellent non-slip effects. Optimized styling and material pairing coupled with extremely narrow manufacturing tolerances permit substantially improved wearing performance.

The positively controlled leno system PosiLeno® fits seamlessly into this requirement profile. As a world innovation, this solution offers tangible benefits over and above conventional doup frames – with up to 100 % higher fabric production.



### Heald frames

The wide-ranging different GROBEXTRA® and GROBEXTEX® type heald frames available with frame staves in light alloy are all designed to ensure effective fabric production on modern, high-performance weaving machines. Their tried and tested quality and reliability are the result of high stability, a low weight and simple handling during warp preparation.

Intelligent damping systems help extend the service life of both heald frames and healds. The range of heald frames from Groz-Beckert extends from the economical ALfix®-U through to the ALtop® aluminium heald frame designed to cope with the most stringent requirements, or the ALtop Hybrid®, with its impressive innovative design featuring two high-performance carbon fibre-reinforced profiles. In addition, Groz-Beckert also offers a wide range of heald frames for projectile weaving machines.

### Drop wires

Drop wires from Groz-Beckert control individual warp yarns with maximum care, ensuring immediate machine stoppage at any time in the event of any irregularity. Due to extreme dimensional accuracy across the entire series, these products are also suitable for automatic drawing-in machines and also for insertion machines.

Groz-Beckert supplies GROBEX® and GROBAM® drop wires in compliance with ISO 1150. Drop wires complying with ISO 441 and non-standardized models complement the extensive portfolio of drop wires designed to precisely cover wide areas of application.

### Warp stop motions

Ensuring precise individual end monitoring even at high speeds and under different operating conditions is where the electrical warp stop motion from Groz-Beckert excels. If required, the warp stop motion will bring the weaving machine to a standstill in just fractions of a second.

Whether you choose the convenient basic model, systems for weaving filament and silk warp yarns or for terry fabric: Warp stop motions from Groz-Beckert open up greater potential benefits, relieve the burden on operating staff and reduce the production of rejects. A wide range of options such as individual bar display, retaining devices and much more permit optimum functionality adapted to operating conditions.

KNITTING , WEAVING , FELTING , TUFTING , SEWING

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