Flat knitting needles for technical and industrial textiles
Special needle characteristics make new and innovative fabrics possible.

Maximum resilience and highest process reliability
Yarns and knitting techniques exerting high levels of stress on the flat knitting needles require special needle properties. The Groz-Beckert range of products includes latch and compound needles for such extreme requirements.

Application
Technical and industrial textiles as well as fully-fashioned fabrics for special applications (e.g. shoe uppers).

Customer benefit
- Profitability
  Reduced needle consumption and improved process reliability from increased hook stability, improved cast-off behavior with tight loops, and reliable opening and closing function of the latch.
- Quality
  Uniform loops and flawless fabric quality.
- Innovation
  Special needle properties open up new and innovative business fields. Multi-gauge needles, for example, allow the processing of a wide range of yarns.
Technical characteristics

Reinforced hook, optimized force of the spring-loaded latch, multi-gauge needle head and patented, slim latch head

Groz-Beckert calculations prove that the resilience of the hook of the flat knitting needle can be up to 75% higher.

Examples of products

Spring-loaded latch needles:

- Vo-Spec. 112.70-62 G 68
- Vo-Spec. 112.88-75 G 012

Compound needles:

- SN-M 100.90-80 G 1
- SN-M 106.68-53 G 2

Service:

- Customer-specific product solutions – from the latch needle with or without spring-loaded latch to the compound needle
- Global sales network for fast delivery and reduced warehousing costs
- Research and development – development partnership from prototype to market introduction
- Technical knowledge and a better understanding of quality with training offered by the Groz-Beckert Academy
- Further information under www.groz-beckert.com and in the “myGrozBeckert” app

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