

NEEDLES AND PRECISION COMPONENTS FROM

**GROZ-BECKERT®**

producing precision needles and components since 1852.

#### Wherever there are textiles, there are seams

Hardly any processed textile product can do without them. Some examples include; outerwear; underwear; shoes; upholstery; automobile soft-tops; and vehicle interiors. Technical and functional textiles also contain numerous seams and seam positions. The requirements vary whenever safety plays a critical role, as in the case of air bags or parachutes. Not only are the seam's aesthetics important; the durability of the seam is also essential. Using a Groz-Beckert needle will result in attractive and resilient seams even under the toughest sewing conditions.

#### Stitch by stitch to perfection

Different seams require different stitches. Groz-Beckert has the right needle for every sewn seam, whether lockstitch, chainstitch, overlock or blindstitch. Our needles are also available for button sewing, leather processing and virtually any other sewing application. What makes them so special is their application specific needle geometry. Each needle is optimally tailored to the highest processing speeds. The results speak for themselves – longer life, less needle changes per sewing operation and better stitch formation.

#### Quality and range

Groz-Beckert needles can withstand pressures of up to 20 Newton and temperatures as high as 300° C. At the same time, they remain exceptionally stable, yet flexible. Groz-Beckert currently produce approximately 5,000 different types of needles for sewing and embroidering. This means that we almost always have a needle specifically tailored to your application needs!

\* **Newton:** Unit of force required to accelerate a mass of one kilogram, one meter, per second per second.

#### New packing

Groz-Beckert constantly endeavors to replace the good with the even better. Our partners quickly realize this because our new needles lead to better seams and higher productivity. But we don't stop at the needle itself! As the sewing industry continues to change, so does its need for more user-friendly needle packaging. In response, we conceived a totally new concept – a package that protects the needle from the time it leaves our production facilities until the time it taken out of our packaging and inserted into the sewing machine. This new packaging also helps the machine operator quickly identify the needle system, size and point. And, to help us ensure the proper quality control, this new packaging allow us to trace the needle back to when it was manufactured. So you now get a package that is economical, ergonomic, easy to transport, and recyclable!



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KENNEDY SEWING AND CUTTING SUPPLY, LLC