



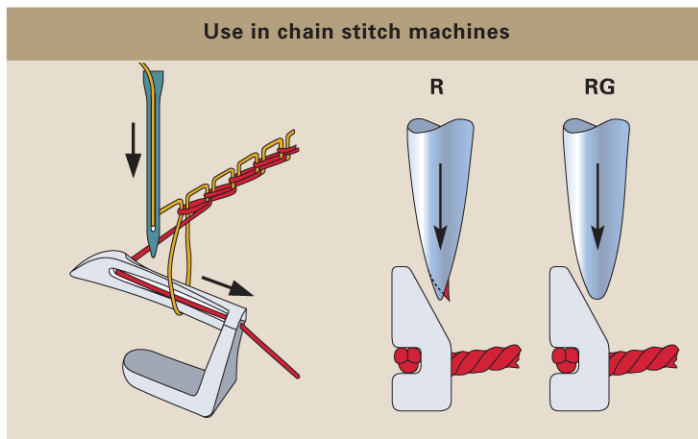
THE RG-POINT OF GROZ-BECKERT

THE ROUND POINT WITH UNIVERSAL PROCESSING POSSIBILITIES



Originally designed for the chain stitch process. However since then it has been proven in numerous application areas in the sewing industry.

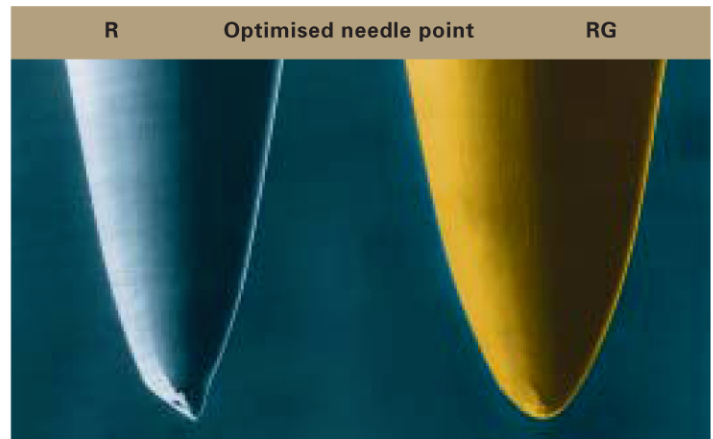
THE USE OF THE RG-POINT



The sensitive, sharp R-point is already damaged by contact with the hardened looper backside after a short sewing time. With the light ball point of the RG, especially adapted to the looper back side, this needle remains undamaged for a longer amount of working time.

Advantages

- Less material damage, reduced penetration force
- Less needle deflection (skip stitches, needle breakage)
- Higher process security, with less machine down time



After a two-hour sewing test, under the same conditions, the following was revealed in multiple magnification:

The R-point shows a compressive strain on one side of the tip and sharp edges. The RG-point of Groz-Beckert shows nearly invisible friction marks and is still able to operate without limitation.



Long-term tests have shown that the RG-point is the ideal universal point for the following applications:

- Fine knitwear
- Fine to heavy woven fabric (for example jeans)
- Microfibre
- All multi-head embroidery applications
- Multi-directional sewing and bar tacking operations
- Button sewing operations
- Technical textiles

The special shape leads to a reduced penetration force and thereby protects the sewn fabric. In addition, it prevents the sewing thread from breaking in embroidery, multi-directional and bar tacking operations.