Long service life thanks to dur™ technology
Further development of the Groz-Beckert sock needle for use under high stress

Application
The complex production of socks calls for needles and system parts that provide maximum reliability and performance. Groz-Beckert develops and produces the corresponding products in coordination with leading machine builders. These high-quality products usually cover the primary customer requirements.

Special applications, however, often require needles and system parts that are specifically designed to meet such increased requirements without compromising the efficiency of the knitting machine or knitting tools. For such applications Groz-Beckert developed the dur™ technology in order to reduce needle consumption and increase productivity.

Technical features:
• Increased hook stability
• Increased latch stability
• Modified slot design

Advantages:
• Less hook breakage
• Less bent open hooks
• Less bent latches
• Smooth latch movement even with slightly bent latches

Benefits:
• Reduced needle consumption
• Reduced machine downtime
• Increased productivity
• Less rejects
• Lower production costs

Sock needles with dur™ technology can be identified by the supplement dur™ in the needle designation.
Benefits of dur™ technology

Needle consumption in comparison

The following images show different knitting errors:

In different field tests, a reduction in needle consumption of up to 30% was achieved with dur™ technology.

dur™ needles can help to reduce different kinds of knitting faults.