



dur needles from Groz-Beckert

The sewing machine needle with enhanced wear protection

GROZ-BECKERT

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Needles with dur coating

dur needles from Groz-Beckert come with a chromium coating, which is applied using a special coating process.



Special features of Groz-Beckert dur needles

1. Coated needle point

The coating process provides the point area of the dur needle with even better protection from wear and damage. This assures an extended needle life with consistent quality.

2. Sliding characteristics

The improved wear protection provides dur needles with better slide characteristics compared to standard needles. In consequence, the penetration force of the needle is reduced and the material being sewn is protected.

3. Visual change without influencing the technical characteristics

The coating process of the dur needles also brings about a visual change compared to the standard needle. This is reflected in the smoother appearance of the entire needle and a visible color difference in the shank area. The technical performance of the needle and needle surface are not adversely affected. dur needles are just as smooth as standard chromium needles and protect the thread in the same way.



Recognize dur needles

Groz-Beckert dur needles will gradually replace all standard chromium coated needles. Therefore, the dur needle carries no additional designation in the product description. dur needles are marked as follows:



On the label of a 10-pack unit



On the label of the box holding 500 needles



With an additional label on the box holding 500 needles

Important information on GEBEDUR® needles

dur needles are not a replacement for GEBEDUR® needles. The GEBEDUR® needle coated with titanium nitride remains in the product portfolio. The modified coating process of chromium coated dur needles improves the wear protection for standard applications. Groz-Beckert recommends using GEBEDUR® needles for applications that require higher standards for the needle and its protection from wear.

The advantages of dur needles at a glance:

- Increased wear protection, primarily at the point
- Excellent sliding characteristics when penetrating the material
- High process reliability
- Excellent needle performance