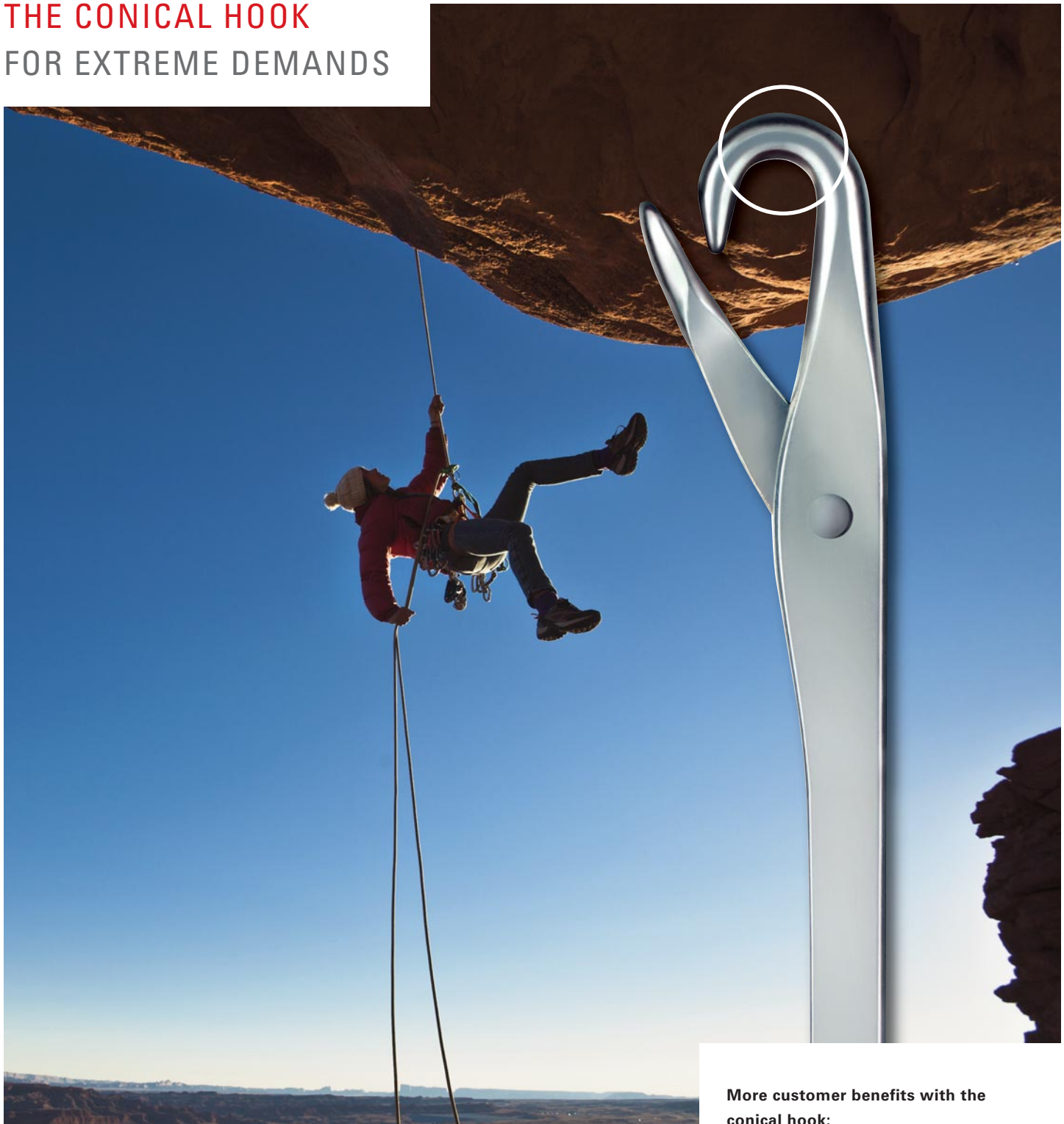


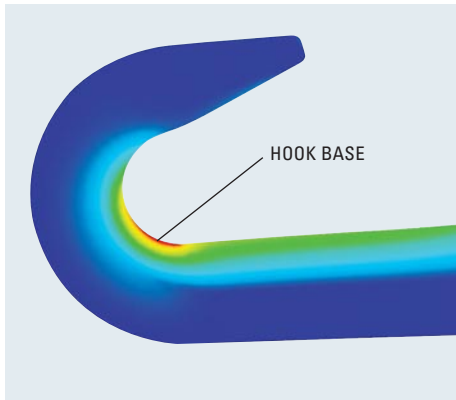
THE CONICAL HOOK
FOR EXTREME DEMANDS



More customer benefits with the conical hook:

- Increased process reliability
- Improved product quality
- Higher productivity
- Reduction in needle usage

CONICAL HOOK – QUALITY THROUGH PERFECT GEOMETRY



The hook and in particular the base of the hook, is subjected to great strain during the knitting process. If additional stress is added in the form of knots, thick slubs, double and multiple threads, the hook can bend or break in case the elasticity limit is exceeded.

The conical hook is Groz-Beckert's solution to these strains.

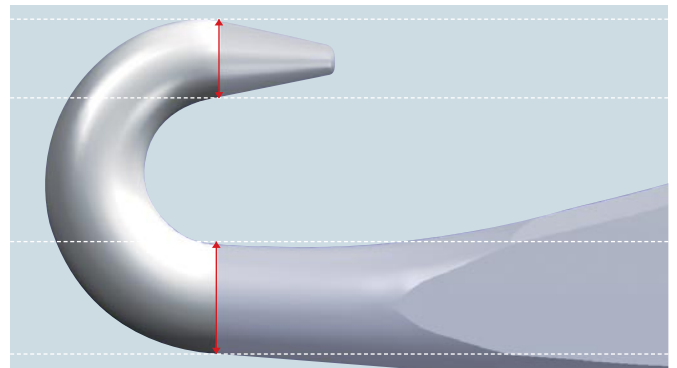
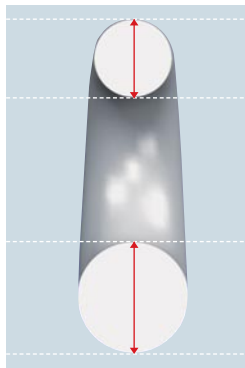
Benefits:

- Higher hook stability
- Enlarged cross-section of the hook interior
- Greater thread clearance

Features of the conical hook

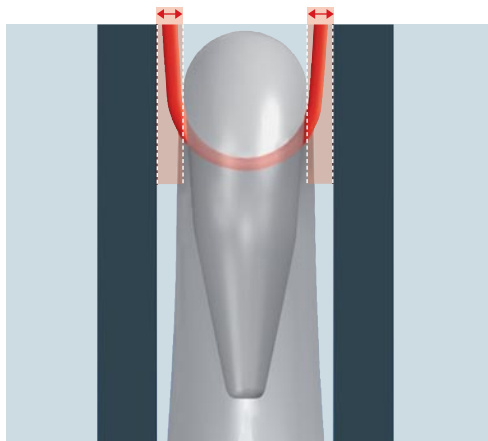
In the conical hook, the cross-section at the base of the hook is enlarged and tapers continuously to the tip of the hook.

With this hook shape, Groz-Beckert has successfully strengthened the hook and increased the size of the hook interior.



Benefits of greater thread clearance

Thanks to the special geometry of the conical hook, there is greater freedom of movement for the thread between the loop-forming elements. This means that yarns used for special effects and yarn types with slubs and knots can be knitted with greater ease.



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