Stabilo Cut
Stabilo-Cut

- Special edge geometry
- K-back
- Supreme coating optional
Stabilo-Cut

- Combines
  - optimised surface finish
  - high resistance cutting edge
- Round K-back.
Böhler K-Back Rule

Two effects help to reduce the make ready effort
Rule Bending

- Upon bending, the rear edge of a cutting rule has the natural tendency to lift up at the inside of the bend.
- As a consequence the effective height of the rule changes.

Standard rear edge of a cutting rule
K-Back - rule bending

- A rounded rear edge deforms at the bend, but the effective height does not change.
K-Back - make ready
„Self-levelling effect“

- The rounded rear edge increases the contact pressure towards the backing plate.
- Plastic deformation of the backing plate and/or the rule’s back edge contribute to evenly distribute the cutting pressure.
Cutting edge angle – sharpness
Cutting Edge Angle – edge stability
Cutting Edge Angle

optimum value: 53°

\[ \tan \frac{\alpha}{2} \]

sharpness

stability