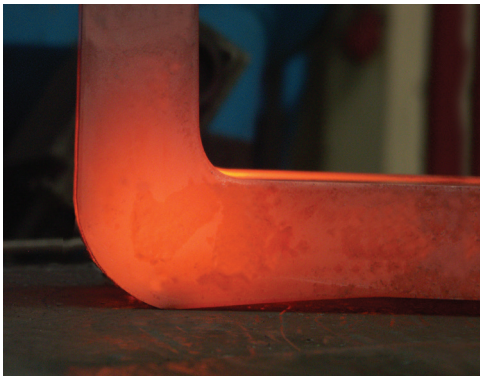
VETTER®
forks.com

Fork knowledge

Optima fork heel

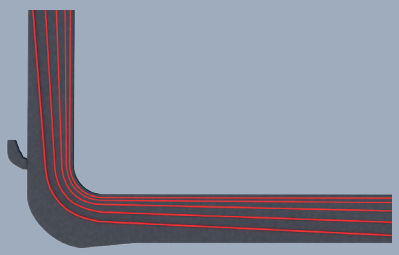
Quality forks by VETTER are available with the reinforced Optima fork heel. This means an additional wear zone to provide up to triple lifetime, a lower level of deflection and an optimum stress distribution.

- Optimised for high durability
- High quality steel
- Cost savings
- More efficiency



Higher continuous load

The highest stresses under load occur in the area of the inner fork bend. The optimized articulation geometry reduces peak loads and increases service life.



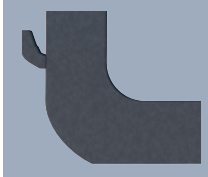
A combination of various radii provide an optimal course of the stress lines in the inner bend-area.

Reduced deflection

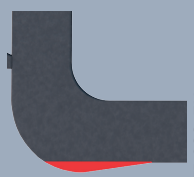
The VETTER fork with Optima fork heel has up to 15 % less deflection than a comparable fork without heel reinforcement (at nominal load).

Longer lifetime

Forks are subject to wear and tear. ISO 5057 regulates that a fork has to be taken out of service if 10 % of the original nominal thickness has worn out. Whereas the VETTER Optima fork heel provides an additional wear-zone which can be worn off before the “real” wear starts.



Fork without wear zone



VETTER Optima fork heel with wear zone for longer lifetime

Watch the video:

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