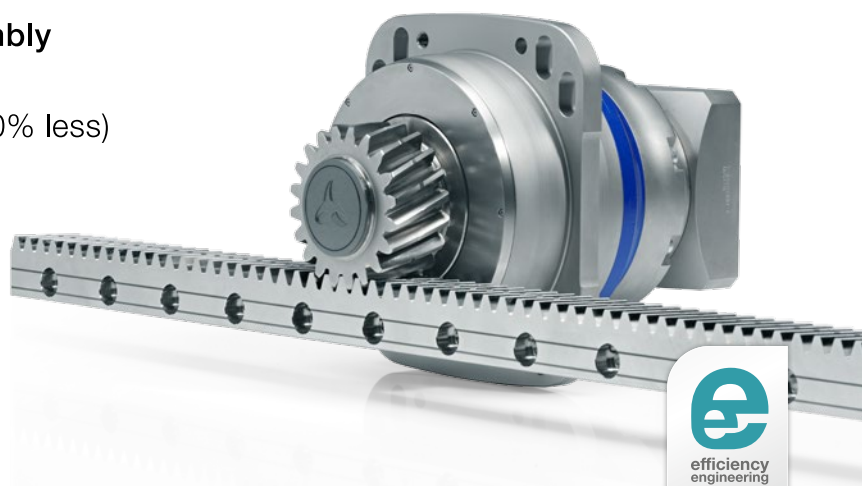


Innovative rack installation in conjunction with High Performance Linear Systems



Advantages of the new rack assembly

- Very short assembly times (up to 50% less)
- Optimized assembly ergonomics
- Maximum assembly precision
- Extreme ease of assembly



The new mounting concept

Faster, more precise, more ergonomic

In the past, fixing the racks to the machine bed, for example with screw clamps, has always been incredibly complicated. For the first time, the clamping fixture is now integrated in the rack. Now the rack is clamped using an eccentric sleeve, which is guided over the head of the fastening screw.

Very short assembly times

The time required for assembly has been cut by **up to 50 %**, depending on the application.

Optimized assembly ergonomics

The assembly process is simple and effortless, reducing the physical strain on the assembly team to a minimum.

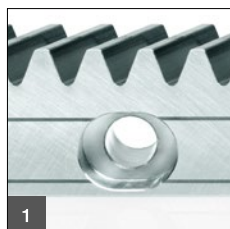
Maximum assembly precision

Far less effort is necessary to achieve optimal overall precision of the linear drive.

Extreme ease of assembly

Machine builders no longer have to focus on an assembly friendly mounting of the rack. This opens completely new design possibilities.

Installation procedure



- The rack is positioned on the mounting surface



- Cylinder head screw are inserted and screwed in



- Eccentric sleeves are fitted



- The rack is clamped by tightening the sleeves
- The screws are tightened to full torque
- The eccentric sleeves are loosened again, removed and reused



WITTENSTEIN alpha – intelligent drive systems

www.wittenstein-alpha.com · www.rack-pinion.com

WITTENSTEIN alpha GmbH
Walter-Wittenstein-Straße 1 · 97999 Igersheim · Germany · Tel. +49 7931 493-0 · info-alpha@wittenstein.de