



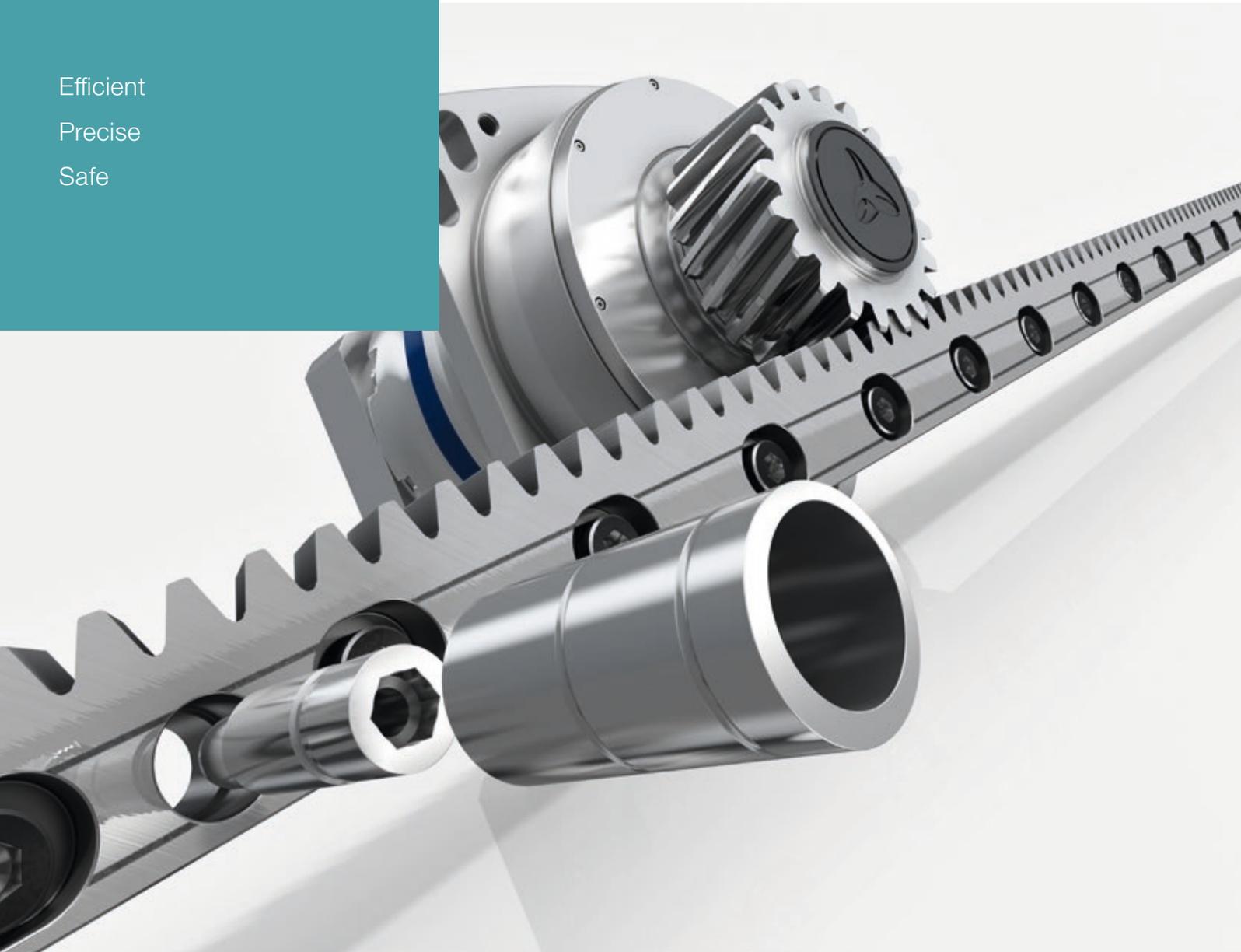
WITTENSTEIN

alpha

INIRA®

The revolution in rack assembly

Efficient
Precise
Safe



Many ideas have made history. Our ideas map out the future.

INIRA® combines our existing innovative concepts for the simple, safe and efficient assembly of racks. INIRA® clamping, INIRA® adjusting and INIRA® pinning have already made the assembly process much faster, more accurate and more ergonomic.

INIRA® clamping.
Simply faster and more ergonomic



Previously, enormous effort was required to clamp racks to the mounting base using screw clamps. INIRA® clamping integrates the clamping device in the rack. The rack incorporates a mounting sleeve which is guided over the head of the fastening screw to ensure quick and ergonomic clamping.

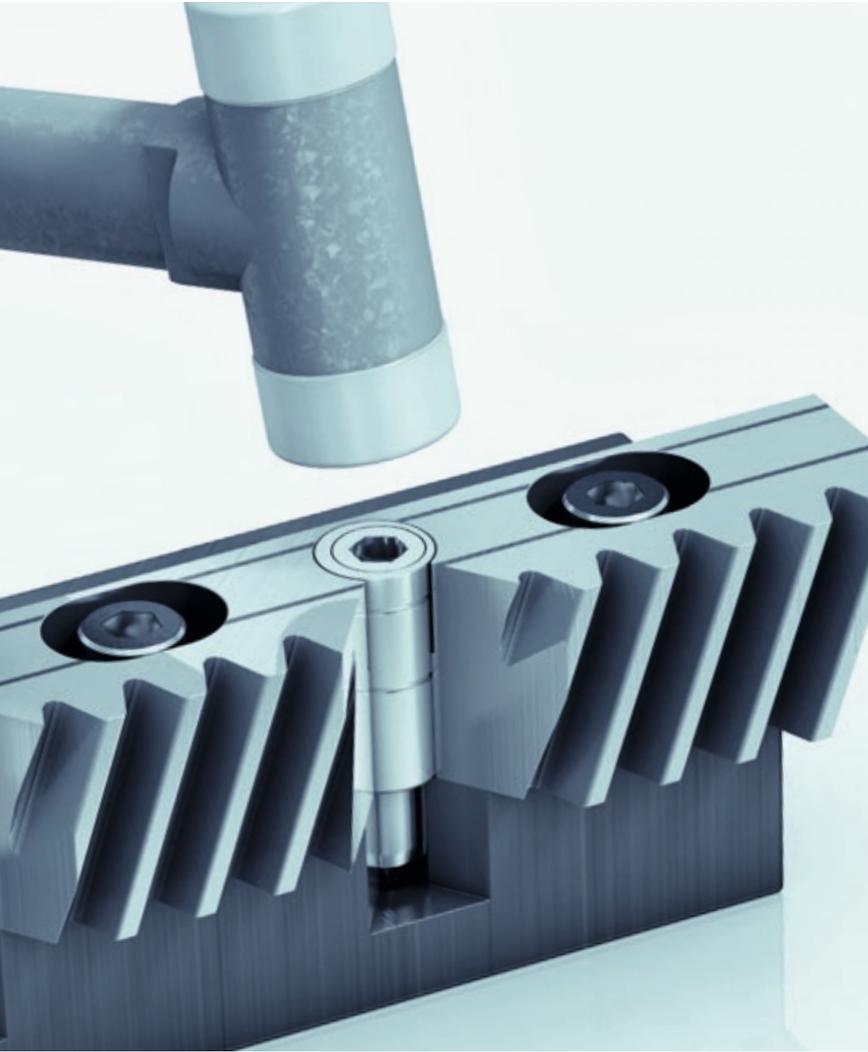
INIRA® adjusting.
Simply safer and more precise

In combination with INIRA® clamping, INIRA® adjusting is the ideal solution for perfectly adjusting the transition between two rack segments. The innovative adjusting tool can set the transition extremely reliably and precisely, accurate to the micrometer.



INIRA® pinning.
Simply better and more efficient

The previous method used for pinning racks was immensely time-consuming. Precision bores had to be drilled and the chips generated had to be removed carefully from the component. Many of our customers therefore were demanding a faster, simpler method. INIRA® pinning now offers a completely new solution for the chipless pinning of racks, which reduces assembly times considerably.



INIRA® Benefit from the unique advantages

Remarkably quick assembly – enormous time savings

- Simple pinning of the rack in one minute (instead of 45 minutes in previous cases)
- Rack clamping without screw clamp
- Quick adjustment of the rack joint

No drilling and reaming, 100% fewer chips

- Outstandingly safe because no chips are generated during the pinning process
- No need for time-consuming cleaning work after assembly

Exceptionally easy assembly

- Assembly work significantly reduced
- Easy to handle in any mounting position

Maximum mounting precision

Adjustment of the transition between two rack segments within microns

Installation steps:



The assembly pin is inserted in the fully assembled rack.



The assembly pin is driven into the pre-manufactured pin bore in the mounting base.



The assembly bushing and the assembly pin are turned in opposite directions until the bushing engages in the pin bore and then pushed in by hand up to the second marking.



The assembly bushing is then driven in flush using a hammer.



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WITTENSTEIN alpha – intelligent drive systems

www.wittenstein-alpha.com/INIRA



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for mechanical system
installation –
at WITTENSTEIN alpha
or directly at your site!**

**Are you interested?
Please contact us!**



More on INIRA® and other innovative concepts for the efficient assembly of racks.
www.wittenstein-alpha.com/INIRA