

Seat adjustment Pinion gearwheel

Narrow tolerances and complex shapes
for perfect adjustment



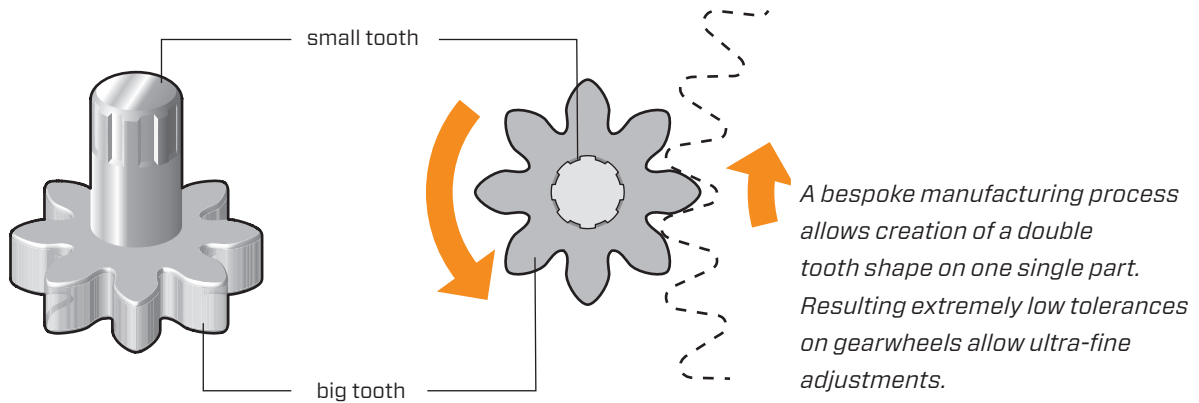
Nedschroef's 'Pinion' is the perfect solution for any kind of seat adjustment, such as height or position relative to the steering wheel. Its ultra-hard heat-treated surface and low tolerances on tooth dimensions make it ideal for repetitive, precise and lasting low-speed tooth/gear adjustments. The robust, durable gearwheel combines one-of-a-kind parts with complex tooth shapes. Blanking and cold forging allow us to combine a double tooth shape in one single part, which can be produced at high speed thanks to a non-mechanical turning/milling operation. Parts are engineered in close cooperation with customers and our manufacturing chain is closely examined and optimized for each product.

FIELD OF APPLICATION

The gearwheel allows optimal, durable seat adjustments, but its specific properties also make it ideal for use with bicycle brake planetary gears, window hinges and a gearwheel for tensioner safety belts for seating applications. Besides a broad selection of standard solutions, Nedschroef offers the integrated production, design and systems engineering capacity required to create bespoke solutions for even the most specific, demanding requirements at an attractive price point. Our engineers are ready to work together with you to create the ideal solution for your own application...

For more information: www.nedschroef.com

FINE AND DURABLE ADJUSTMENTS



DIMENSIONS*

- Maximum producible outer shape: 50 mm
- Maximum producible length: 300 mm

* Part proportion to gear shape, outside dimension and length must be in balance. For example: a part with max. outer dimensions of 50mm and max. length of 300mm can not be produced.

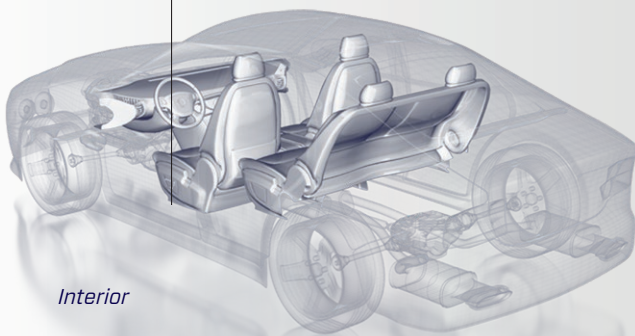
PROPERTIES

- Ultra-hard, robust, durable gearwheel
- Enables all car seat adjustments
- For repetitive, precise and lasting adjustments
- Low-speed tooth/gear operation
- Low tolerances on tooth dimensions
- Makes most of fine-blanking and cold-forming expertise
- Double tooth shape in single part

ADVANTAGES

- Manufacturing optimised for each product
- Engineering in close cooperation with client
- Concept enables rapid manufacturing

Seat adjustment



Interior

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For more than 130 years, Koninklijke Nedschroef Holding B.V. has developed, manufactured and supplied fasteners and special parts for the automotive industry. In addition, we design and produce superior forming machines and tools for the metal forming industry. Nedschroef delivers world-class services and innovative, cost-effective solutions. Our expanding global operations offer everything from product design and development to delivery, installation and service, supported by a vast global partner network. 2,400 people at 22 facilities in 11 countries worldwide are committed to our Full Service Provision concept.