

## MarMotion. Application examples

### OPTIMIZED MOVEMENT

► | High-precision rotary stroke bearings are design elements. They can be calculated, are standardized to a certain degree and can be exchanged without loss of quality. This applies for both standard and customized versions.

High-precision rotary stroke bearings can be used in all industries wherever stroke or rotary movements – even both simultaneously – need to be performed. Here are a number of examples:

#### Metrology

Mahr is acknowledged as one of the market leaders in the field of industrial metrology. What perhaps is less well known, however, is the fact that Mahr developed the MarMotion high-precision rotary stroke bearing from standard die set guides in order to increase the measuring accuracy and certainty of its products. In the field of industrial metrology, high-precision rotary stroke bearings are used in probes and dial comparators, positioning units, centering and tilting tables and in other modules that have an influence on the measuring result. High-precision rotary stroke bearings must exhibit no backlash, stick slip or wear and the motion must be smooth and reproducible.

