

## Design features

Eichenberger Easy light leadscrews set new benchmarks for net weight and smooth running properties. Thanks to the rolled aluminium screw and the associated nut made of highperformance technopolymer, the screw unit is a real lightweight. The screw's robust sliding coating (hard-anodised) makes the screw unit very smooth. With correct lubrication, Efficiency of more than 0.8 can be achieved – an excellent figure for a leadscrew! Thanks to the special thread geometry, the screw unit is also relatively impervious to dirt and tilting torque.

## Materials

### Screw

- standard: aluminium, hard-anodised
- on request:  
other materials and coatings

### Nut

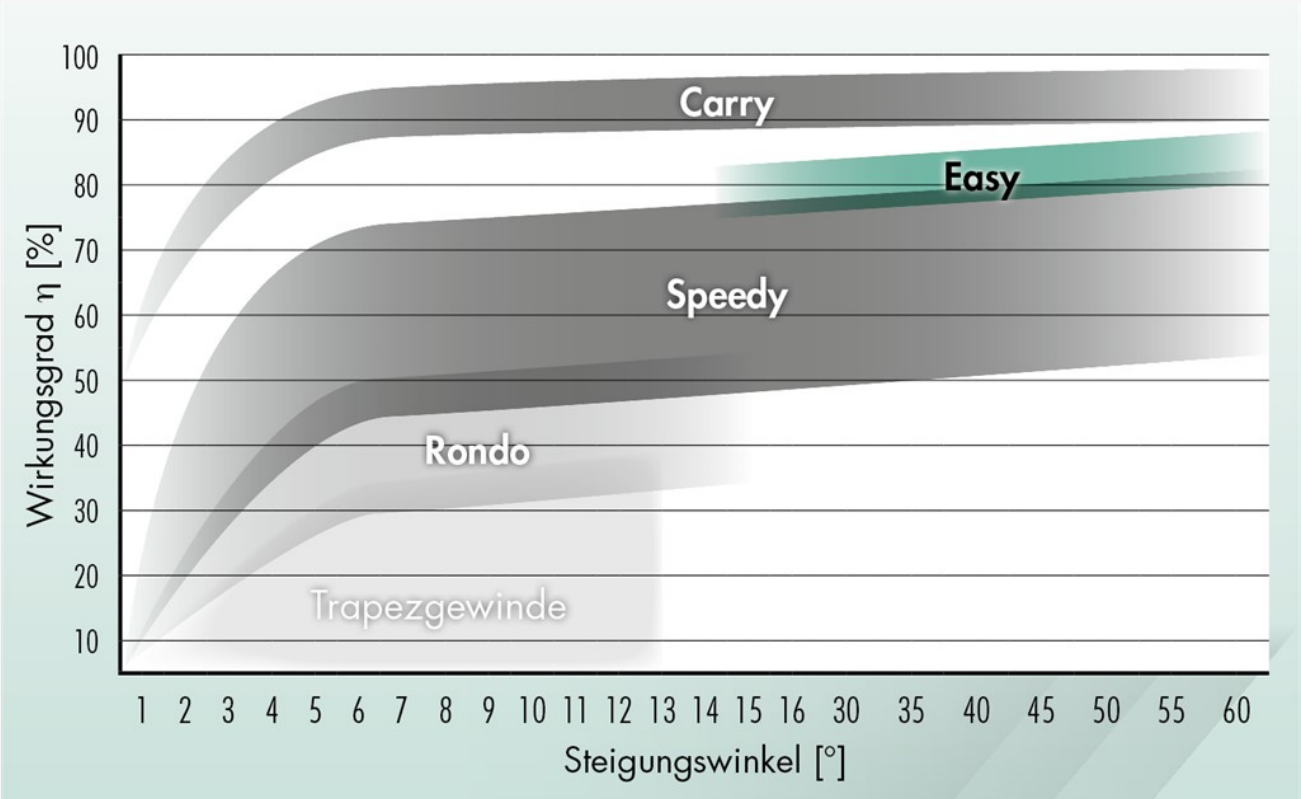
- standard: EX100 white  
on request: other materials

### Operational temperatures

- EX100 –40 to +60 °C

### Lead accuracy

- standard:  
 $G9 \leq 0,1 \text{ mm}/300 \text{ mm}$  (in accordance with DIN 69051)
- on request:  
other lead accuracies



## Efficiency

The efficiency  $\eta$  depends on the helix angle and reaches impressive values over 0.8