

# Spindle Drive Options

Option	to GP 22 S	to GP 32 S
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**Special length**  
Order reference SPIN01

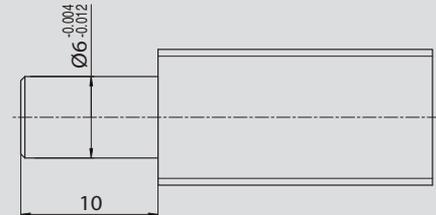
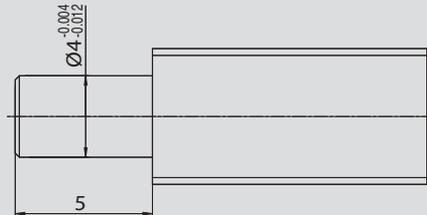
Without specification, the spindle is supplied in the standard length 150 mm. Special lengths can be ordered in 5 mm steps up to the stated maximum length.

Without specification, the spindle is supplied in the standard length 200 mm. Special lengths can be ordered in 5 mm steps up to the stated maximum length.

**Spindle end**  
Order reference SPIN02

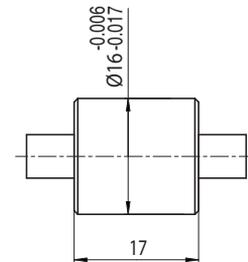
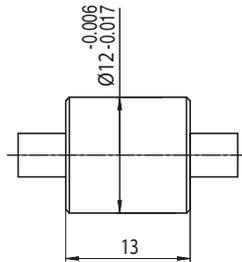
In order to support the end of the spindle by an additional bearing, it can be delivered according to the illustration.

Customer specific spindle ends on request.



**Cylinder nut**  
Order reference SPIN03

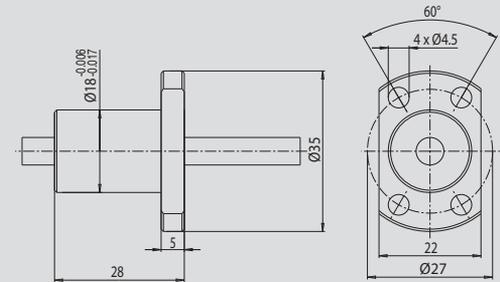
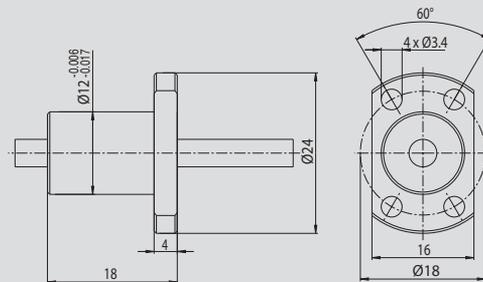
Cylinder nut instead of the standard thread nut.



**Flange nut**  
Order reference SPIN04

Flange nut instead of the standard thread nut.

If using a ball screw, the rectangular mounting flange (SPIN 06) must be used.



**Low backlash ball screw nut**  
Order reference SPIN05

Axial play is almost eliminated through increased pre-loading of the ball screw nut. Although, the increased load can lead to greater wear.

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**Rectangular mounting flange**  
Order reference SPIN06

Spindle drive with rectangular mounting flange allows mounting from the gearhead side.

If using a ball screw with flange nut, the rectangular assembly flange must be used for mounting.

