

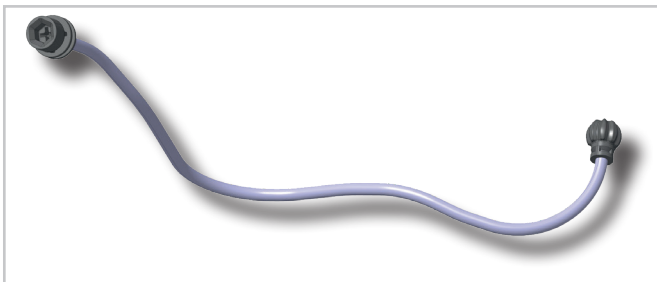
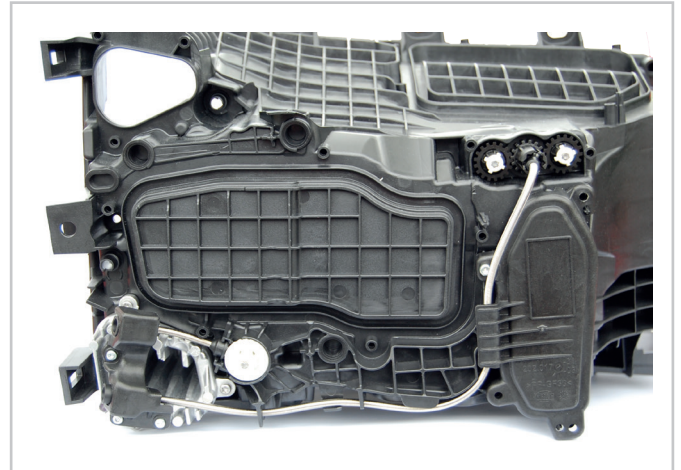
EJOT® FLEX Welle

Rotary motion „round the corner“

The complex design of headlamp housings, the components and installation position increasingly prevent easy access to the manual adjustment unit of the headlight leveling control.

The EJOT FLEX Shaft enables flexible repositioning of the drive access point, for horizontal or vertical adjustment of the lighting unit over a large range - without applying great force.

The shaft transmits the force, which is transformed into a rotary motion at the output access point.



EJOT® FLEX Shaft system

- The **steel shaft** is a flexible connection between the original and new access point.
- The **output** access point connects the FLEX Shaft with the original access point.
- The **input** access point is the new adjustment point - and is now easy to reach.

Application range

The EJOT FLEX Shaft can be used for example in adjustment of light modules in car-, truck- or other headlamps. Further automotive and non-automotive applications are feasible.

Technical information

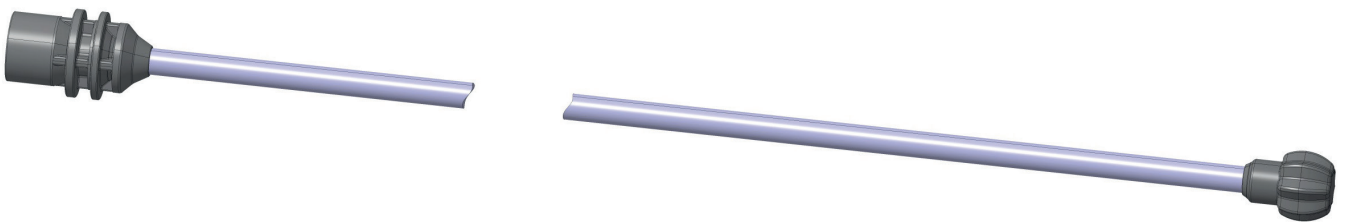
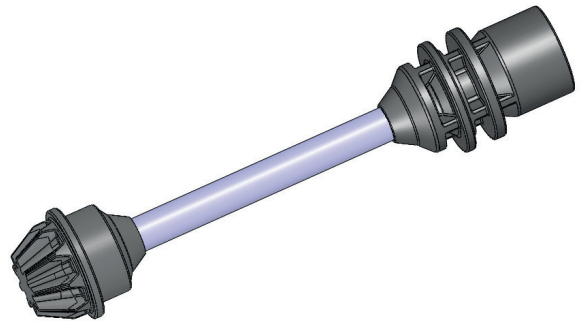
- Operating torque 0,8 (-1,2) Nm
- Breaking torque > 3,0 Nm
- Minimum bending radius ~ 35 mm
- Operation temperature: - 40°C to + 110°

Benefits

- Transmission of rotary motion when gear access is difficult to reach.
- Input and output gear designs according to customer specification.
- Low tool charge for customer specific designs (existing mold base).
- Can be easily incorporated in an assembly.
- Simple attachment method.

Steel shaft

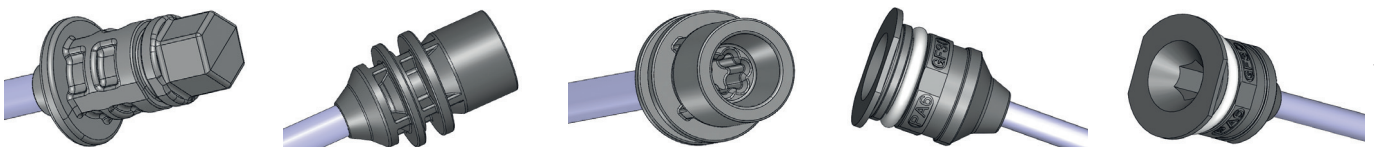
- Material: Stainless steel
- Outer Ø: 4,35 + 0,05 (further Ø on request)
- Pressed square ends for torque transmission
- Length: Can be matched to customers needs (minimum 30 mm between end geometries)
- Flexible: Minimum bending radius 35 mm
- Bendable but torsion resistant



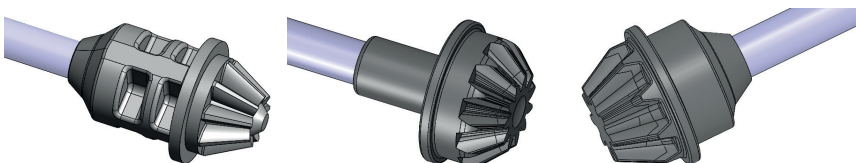
Input and Output Drives

- Various gear designs depending on customers needs.
- Different (thermoplastic) materials [for example PBT filled (20 % or 30 % GF) or PA6 filled (30 % GF)].
- Mounting of O-Ring possible.
- Gear geometries matching with EJOT standard adjustment screws.

Input Drives



Output Drives



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