



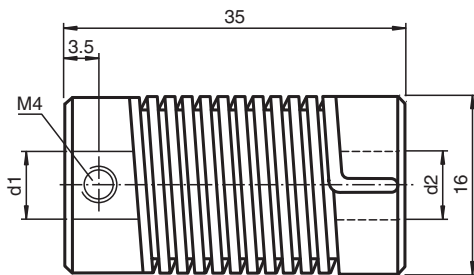
# Coupling

## 9402 6\*6

- Universally suitable for backlash-free rotation transmission
- Highly vibration-isolating
- Well misalignment compensation
- Low torsion spring stiffness
- Small reset forces
- No movable parts
- Very rugged construction

Spring steel coupling

### Dimensions



### Technical Data

<b>Ambient conditions</b>	
Operating temperature	-30 ... 120 °C (-22 ... 248 °F)
<b>Mechanical specifications</b>	
Shaft diameter	d1 = 6 mm , d2 = 6 mm
Material	
Spring	spring steel, nickel plated
End piece	Diecast zinc
Mass	28 g
Rotational speed	max. 3000 min
Max. torque	0.5 Nm
Radial offset	max. ± 1 mm
Axial offset	max. ± 1 mm
Angle error	max. ± 5 °
Torsion angle	at torque 0.25 Nm drive shaft view
CW rotation direction	50 °
CCW rotation direction	70 °
Moment of inertia	10 kg m <sup>2</sup> x 10 <sup>-7</sup>

Release date: 2022-12-10 Date of issue: 2022-12-12 Filename: 040621\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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**Technical Data**

Mounting	clamp screws M4 x 4, DIN 916
Tightening torque of clamping screws	max. 1.5 Nm

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