



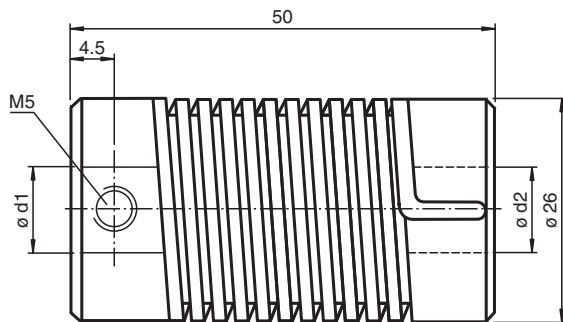
Coupling

ACC-CSP-50262S1-1012

- 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 with length 50 mm, for shaft diameter $d_1 = 10$ mm, $d_2 = 12$ mm

Dimensions



Technical Data

Ambient conditions		
Operating temperature		-40 ... 150 °C (-40 ... 302 °F)
Mechanical specifications		
Shaft diameter		$d_1 = 10$ mm , $d_2 = 12$ mm
Material		
Spring		spring steel (1.1200), nickel plated
End piece		Stainless steel 1.4305 / AISI 303
Mass		130 g
Rotational speed		max. 3000 min
Max. torque		1.5 Nm
Tightening torque, fastening screws		1.2 Nm
Radial offset		max. ± 1.5 mm
Axial offset		max. ± 1 mm
Angle error		max. $\pm 5^\circ$
Torsion angle		at torque 0.75 Nm drive shaft view
CW rotation direction		40°
CCW rotation direction		60°

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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Technical Data

Moment of inertia	129 kg m ² x 10 ⁻⁷
Mounting	clamp screws M5 x 6, DIN 916
Tightening torque of clamping screws	max. 3 Nm

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