

## Spring washer coupling (D1=8 / D2=10)

For encoder with solid shaft

Article number: 11034142

### Overview

- Backlash-free and angle-synchronous transmission of rotary movements
- Plug-in version
- Electric isolated
- Suitable for very high speeds
- Good compensation of all misalignments



### Technical data

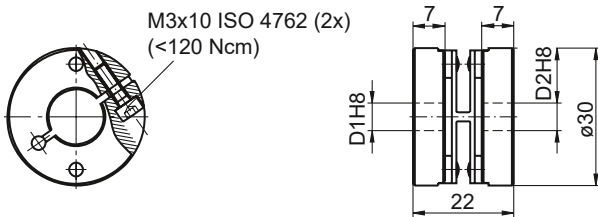
#### Technical data

|                         |                     |
|-------------------------|---------------------|
| Shaft diameter D1       | 8 mm                |
| Shaft diameter D2       | 10 mm               |
| Operating speed         | ≤12000 rpm          |
| Operating temperature   | -10...+80 °C        |
| Moment of inertia       | 35 gcm <sup>2</sup> |
| Torsional rigidity      | 30 Nm/rad           |
| Radial spring stiffness | 40 N/mm             |

#### Technical data

|                                  |  |
|----------------------------------|--|
| Maximum torque                   | 60 Ncm   |
| Admissible axial movement        | ± 0.4 mm   |
| Admissible parallel misalignment | ± 0.3 mm   |
| Admissible angular error         | ± 2.5 °  |
| Weight approx.                   | 30 g   |
| Material                         | Clamping ring: aluminium<br>Spring washer: plastic |

### Dimensions



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### Assembly drawing

