

## Spiral coupling (D1=06 / D2=06)

For encoder with solid shaft

Article number: 11261562

### Overview

Manufactured from one piece  
Optimum compensation of misalignment  
Transmission of rotation free from backlash  
High torsional stiffness  
Low restoring forces  
Vibration damping



### Technical data

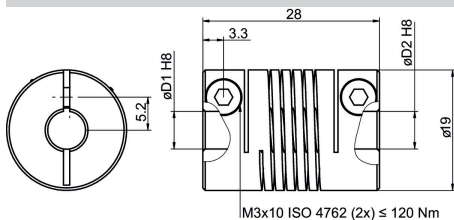
#### Technical data

|                         |                      |
|-------------------------|----------------------|
| Shaft diameter D1       | 6 mm                 |
| Shaft diameter D2       | 6 mm                 |
| Operating speed         | ≤6000 rpm            |
| Operating temperature   | -30...+150 °C        |
| Moment of inertia       | 8.7 gcm <sup>2</sup> |
| Torsional rigidity      | 8 Nm/rad             |
| Radial spring stiffness | 36 N/mm              |

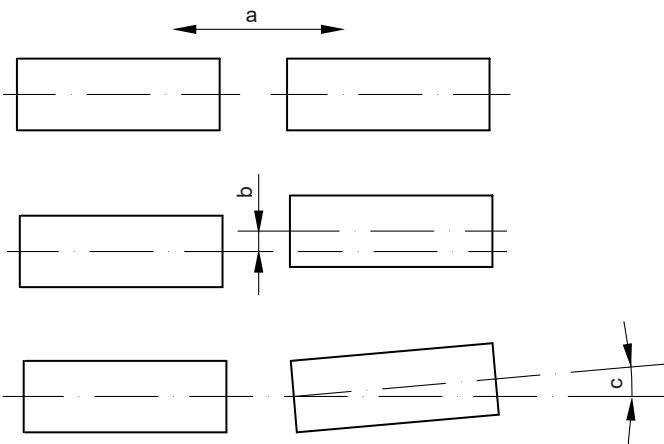
#### Technical data

|                                  |                     |
|----------------------------------|---------------------|
| Maximum torque                   | 80 Ncm              |
| Admissible axial movement        | ± 0.4 mm            |
| Admissible parallel misalignment | ± 0.25 mm           |
| Admissible angular error         | ± 4 °               |
| Weight approx.                   | 16 g                |
| Material                         | aluminium, anodised |

### Dimensions



### Assembly drawing



a = Admissible axial movement  
b = Admissible parallel misalignment  
c = Admissible angular error