Spring disk coupling K 60 (shaft ø11...22 mm)

Article number: K 60

Overview

- High quality torsionally stiff and backlash free coupling
- Compensating of mounting errors
- Balanced torsional rigidity (torsional spring constant)
- Additional key possible



Technical data	
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Mounting type	For shaft ø1122 mm
Operating speed	≤12000 rpm
Moment of inertia	685 · 10 ⁻³ kgcm²
Torsional rigidity	3600 Nm/rad
Operating torque	≤18 Ncm
Maximum torque	34 Nm

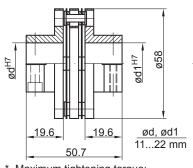
Description

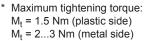
Spring disk coupling, which combines the necessary torsional stiffness with the ability to compensate for axial displacement which occurs especially through heat expansion of the drive and the play backlash of the ball bearings.

Suitable for

Encoders with solid shaft ø11...22 mm

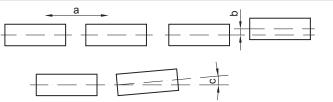
Dimensions





Technical data	
Admissible axial movement	± 0,7 mm
Admissible parallel misalignment	± 0,1 mm
Admissible angular error	±1°
Weight approx.	165 g
Material	Spring disks: X12 CrNi 17 7

Assembly drawing



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

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