Accessories
Mounting accessories

Spring washer K 35, shaft ø6...12 mm

Part number

K 35	Spring washer coupling for solid shaft ø6...12 mm

Suitable for

Encoders with solid shaft ø6...12 mm

Features

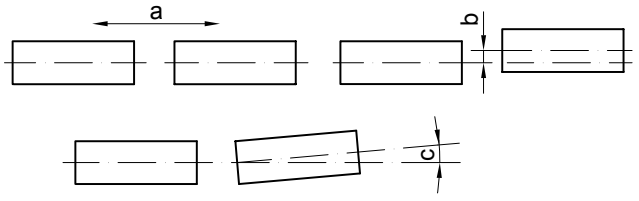
- **High quality torsionally stiff and backlash free coupling**
- **Compensating of mounting errors**
- **Balanced torsional rigidity (torsional spring constant)**
- **Protection against shaft currents with an insulated hub on non-drive end (ø11 H7)**
- **Additional key possible**

Description

Spring washer 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.

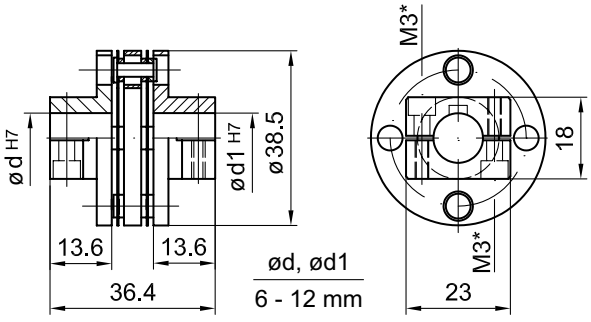
Technical data

For shaft	ø6...12 mm
Starting torque	2 Nm
Maximum torque	3 Nm
Operating speed	≤15000 rpm
Admissible axial movement (a)	±0,7 mm (±0,3 mm*)
Admissible parallel misalignment (b)	±0,2 mm (±0,05 mm*)
Admissible angular error (c)	±1°
Torsional rigidity	900 Nm/rad
Moment of inertia	89 · 10^{-3} kgcm²
Material of spring disks	X12 CrNi 17 7
Weight approx.	50 g



* Insulated hub version

Dimensions



* Max. tightening torque:
M_t = 100 Ncm (plastic side)
M_t = 2-3 Nm (metal side)

Subject to modification in technic and design. Errors and omissions excepted.