

BoWex® curved tooth gear coupling

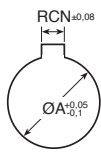
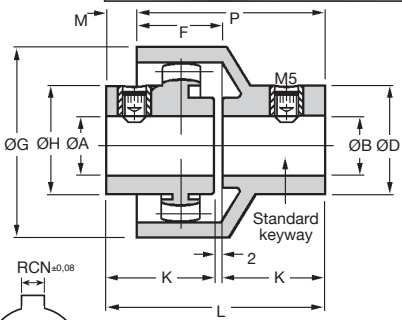
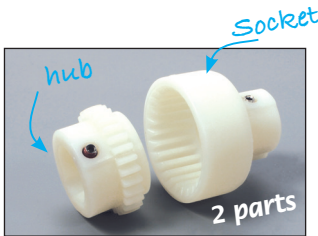
RTN 

Torque: 5 to 24Nm

- Anti-corrosion materials

- Very low wear
- BoWex® Junior
- Maintenance free
- 2 part construction
- Curved teeth
- Material: Nylon
- Working temp.: -25°C to +100°C
- Bore and keyway acc DIN6885/1-JS9, fixing screw supplied
- Max. speed: 6.000 rpm
- Low weight and low inertia
- Axial assembly

Elements of same size can be combined



 **MANY DIFFERENT BORES IN STOCK**

Info.

- ØD is a non-operational surface and is not truly circular
- Supplied un-assembled

DISCOUNTS

| | | | | |
|-------|------|-----|------|------------|
| Qty | 1+ | 5+ | 10+ | 25+ |
| Disc. | List | -6% | -12% | On request |

| Part number | K | L | P | F | M | Bores | | Misalignment | | | Torque (Nm) | | Price each 1 to 4 | | | |
|-------------|----|----|----|------|----|--------|-----------|--------------|-------------|---------|-------------|----------|-------------------|----|----|---------|
| | | | | | | Hub ØA | Socket ØB | Axial (mm) | Radial (mm) | Angular | Tkn | Tkn max. | | | | |
| RTN-J-14 | 23 | 48 | 40 | 18,5 | 8 | 22 | 22 | 6,8,9 | 8 | 40 | ±1 | ±0,1 | ±1° | 5 | 10 | 21,22 € |
| | | | | | | 25 | 25 | 10,11 | 10,11 | | | | | | | |
| | | | | | | 26 | 26 | 12,14 | 12,14 | | | | | | | |
| RTN-J-19 | 25 | 52 | 42 | 19 | 10 | 27 | 29 | 12,14 | 14,15 | 47 | ±1 | ±0,1 | ±1° | 8 | 16 | 32,18 € |
| | | | | | | 30 | 29 | 16 | 14,15 | | | | | | | |
| | | | | | | 32 | 35 | 19 | 19 | | | | | | | |
| RTN-J-24 | 26 | 54 | 45 | 21,5 | 9 | 32 | 26 | 10,11,12 | 14,16 | 53 | ±1 | ±0,1 | ±0,9° | 12 | 24 | 38,81 € |
| | | | | | | 32 | 32 | 14,15,16 | 14,16 | | | | | | | |
| | | | | | | 36 | 36 | 18,19,20 | 19,20 | | | | | | | |
| | | | | | | 38 | 40 | 24 | 24 | | | | | | | |

Dimensions in mm

HPC

WEB 04/2020

www.hpceurope.com

Tél: 0 825 88 5000 Service 0,15€/min + prix appel



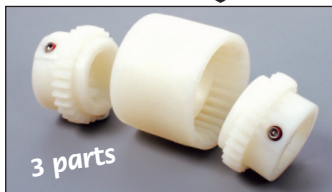
BoWex® curved tooth gear coupling

Torque: 5 to 24Nm

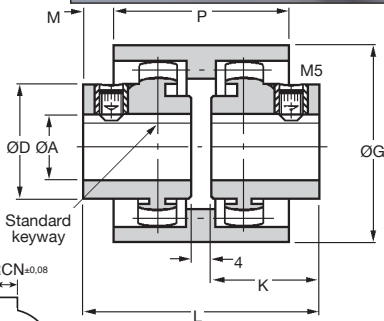


- **Anti-corrosion material**
- Very low wear
- BoWex® junior
- Maintenance free
- 3 part construction
- Curved teeth
- Material:
Nylon
- Working temp.: -25°C to +100°C
- Bore and keyway acc DIN6885/1-JS9, fixing screw supplied
- Tolerances:
Bore $+0.05 / -0.1$
Keyway ± 0.08
- Axial assembly

Elements of same size can be combined



3 parts



Info.

- ØD is a non-operational surface and is not truly circular
- Supplied un-assembled

MANY DIFFERENT BORES IN STOCK



DISCOUNTS

| | | | | |
|------------|-----|------|------------|-----|
| Qty | 1+ | 5+ | 10+ | 25+ |
| Disc. List | -6% | -12% | On request | |

| Part number | K | L | P | M | ØD | ØA | ØG | Misalignment | | | Torque (Nm) | | Price each 1 to 4 |
|-------------|----|----|----|------|----|----------|----|---------------|-------------|-----------------|-------------|----------|-------------------|
| | | | | | | | | Axial (mm) | Radial (mm) | Angular | Tkn | Tkn max. | |
| RTN-JM-14 | 23 | 50 | 37 | 6,50 | 22 | 6,7,8,9 | 40 | $\pm 1^\circ$ | $\pm 0,3$ | $\pm 1^\circ$ | 5 | 10 | 29,24 € |
| | | | | | 25 | 10,11 | | | | | | | |
| | | | | | 26 | 12,14 | | | | | | | |
| RTN-JM-19 | 25 | 54 | 37 | 8,50 | 27 | 12,14 | 47 | $\pm 1^\circ$ | $\pm 0,3$ | $\pm 1^\circ$ | 8 | 16 | 45,62 € |
| | | | | | 30 | 16 | | | | | | | |
| | | | | | 32 | 19 | | | | | | | |
| RTN-JM-24 | 26 | 56 | 41 | 7,50 | 26 | 10,11,12 | 53 | $\pm 1^\circ$ | $\pm 0,4$ | $\pm 0,9^\circ$ | 12 | 24 | 54,93 € |
| | | | | | 32 | 14,15,16 | | | | | | | |
| | | | | | 36 | 18,19,20 | | | | | | | |
| | | | | | 38 | 24 | | | | | | | |

Dimensions in mm

Our other products



RBNtc

Swivel castor with central hole, Steel - rubber - with double brake



GDR882

Straight track for slat top chain, Range 882



PSG125S

Spur gear - precision range, Stainless steel 303



RT70

Self-centering locking Assembly, Medium/high torque



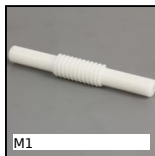
KK

Rounded end feather key, Steel



BEAS

Knob star grip antistatic, Star, anti-static



M1

Worm and wheel set, Machined plastic (delrin)



ASH

Hoist ring for welding, for straight lifts - for welding



GLB

Small 6 lobe threaded handle - female, Technopolymer -



EX

Optional shaft for E-type gear reducers, E Gearboxes double



BTC

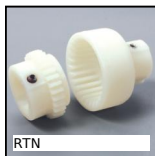
End cap for square tube, Standard



SHO

Parallel axis helical gear, Machined plastic (delrin)

Complementary products



RTN

BoWex® curved tooth gear coupling, Nylon



RTK

BoWex® curved tooth gear coupling, Nylon and steel



KK

Rounded end feather key, Steel