

# BoWex® curved tooth gear coupling

**RTK** 

Torque: 5 to 160Nm

- Rigid in torsion
- Suitable for handling high torques
- Maintenance free
- Low wear
- 3 part construction
- Rounded teeth
- Materials:
  - Sleeve: nylon
  - Hub: sintered steel
- Working temp.: -25°C to +100°C
- Bore (tolerance H7) and keyway acc DIN6885/1-JS9
- Axial plug-in assembly



set screw and keyway fixing\*

## Options

- Modification to bore sizes (additional cost)
- Conical bores
- Imperial sized bores for hydraulic pumps

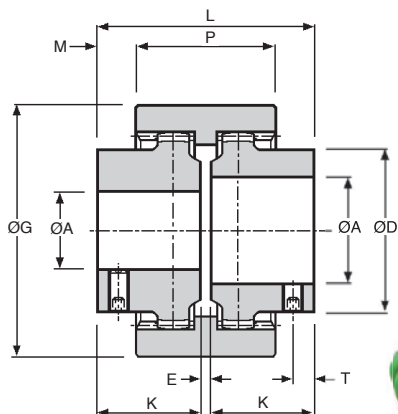
## Info

- \*Except for non bored couplings

 **STANDARD BORES IN STOCK**

Part number	K	E	L	P	M	ØD	ØG	Vis	T	Standard ØA	Optional ØA	max. ØA
RTK-M-14	23	4	50	37	6,5	25	40	M5	6	12	8, 9, 10, 11, 13, 14, 15	15
RTK-M-19	25	4	54	37	8,5	32	48	M5	6	12	10, 11, 14, 15, 16, 17, 18, 19, 20	20
RTK-M-24	26	4	56	41	7,5	36	52	M5	6	12	10, 11, 14, 15, 16, 17, 18, 19, 20, 22, 24	24
RTK-M-28	40	4	84	46	19,0	44	66	M8	10	-	14, 15, 16, 17, 18, 19, 20, 22, 24, 25, 28	28
RTK-M-32	40	4	84	48	18,0	50	76	M8	10	-	18, 19, 20, 22, 24, 25, 28, 30, 32	32
RTK-M-38	40	4	84	48	18,0	58	83	M8	10	-	18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38	38

Dimensions in mm



## DISCOUNTS

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

Part number:	Max. speed (rpm)	Torque Tk (Nm)			Misalignment			Price each 1 to 4		
		Alternate (Nm)	Nominal (Nm)	Max. (Nm)	Axial (mm)	Radial (mm)	Angular	Stock* Plain	Plain	Standard bore and keyway
RTK-M-14	14000	5	10	20	±1	±0,3	±2°	✓	38,10 €	67,80 €
RTK-M-19	11800	8	16	32	±1	±0,3	±2°	✓	47,86 €	76,37 €
RTK-M-24	10600	10	20	40	±1	±0,4	±2°	✓	57,25 €	86,46 €
RTK-M-28	8500	23	45	90	±1	±0,4	±2°	✓	86,32 €	126,72 €
RTK-M-32	7500	30	60	120	±1	±0,4	±2°	✓	106,01 €	147,27 €
RTK-M-38	6700	40	80	160	±1	±0,4	±2°	✓	129,38 €	169,87 €

\*Depending on availability - Dimensions in mm

## Our other products



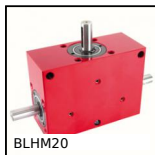
ADL\_M

Male eye bolt conforms to DIN580, Stainless steel



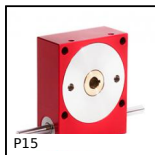
GLP

Small 6 lobe threaded handle - male, Technopolymer - Steel



BLHM20

Right angled gearbox, double output shafts, up to 1.77 Nm



P15

Worm and wheel gear reducer, up to 3,75 Nm



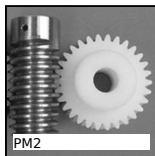
BLHT40

Right angled gearbox, from 4 to 10.30 Nm



RPCpl

Swivel castor with plate, Steel - Polyamide



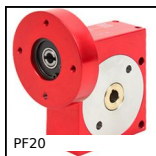
PM2

Worm and wheel set, Machined plastic (delrin)



M

Bellows cover, Accessory:



PF20

Worm and wheel gear reducer, up to 5 Nm



NT121

Spur gear coaxial gearbox, from 20 to 68 Nm - In-line



BLHB30

Right angled gearbox, bored shafts, up to 4.47 Nm



BSM\_LOK

Long-Lok spring plunger with internal hexagonal socket, LONG-LOK - s...

## Complementary products



RTN

BoWex® curved tooth gear coupling, Nylon



RTN

BoWex® curved tooth gear coupling, Nylon



KK

Rounded end feather key, Steel