

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

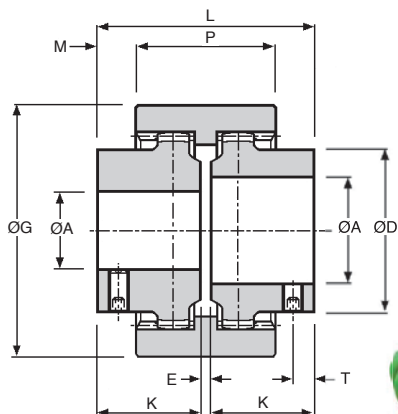
Info

- *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			Stock*	Price each 1 to 4		
		Alternate (Nm)	Nominal (Nm)	Max. (Nm)	Axial (mm)	Radial (mm)	Angular		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



LC

Friction clutch, 30 to 240 Nm



CHAB

Hinge with stop,
Hinge



SH0

Parallel axis helical
gear, Machined plastic
(delrin)



EFTC

Fixing support,
Stainless steel



M1

Worm and wheel set,
Bronze



PDM_PDV

Detectable plastic
palm grip, by metal
detectors



RURp

Swivel castor with
double brake,
Polyurethane -
Aluminium rim (Free



HDSS

Needle roller double
universal joint -
Stainless steel, Heavy
duty



HTD5M_25

HTD Heavy duty
timing pulley, HTD5
Steel



GLT3-46

Telescopic drawer,



GE_ET_2RS

Spherical bushing,
Hard chromium /
Teflon contact with



SVT20

Screwjack with
travelling screw, with
translating screw

Complementary products



RTN

BoWex® curved tooth
gear coupling, Nylon



RTN

BoWex® curved tooth
gear coupling, Nylon



KK

Rounded end feather
key, Steel