

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

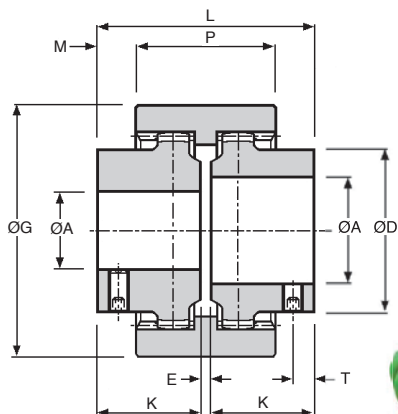
Info

- *Except for non bored couplings

 **STANDARD BORES IN STOCK**

Part number	K	E	L	P	M	ØD	ØG	Vis	T	Standard	Optional	max. ØA
										ØA	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



BLHM70

Right angled gearbox,
up to 128 Nm



CHB

Reaction arm, CHB
gear reducers
reaction arm



NCT

Square tube
connector, Fixed
angle



HTD5M_09

HTD Heavy duty
timing pulley, HTD5
Aluminium



CHT

Asynchronous AC
motor, 0.09kW



SSDB

Stainless steel bevel
gear, 2:1



GAL48_OMNI

Omni-directional
roller, Omni-
directional



BAC110

Swivel storage bin,
Storage bin



CAP820

Slim slat top chain
acetal, Narrow



BPM_LOK

Long-Lok slotted
spring plunger with



MFBC

Flexible Bellows
coupling, Aluminium



CHAGC-AL

Screw-in garnet
hinge, Screw-on

Complementary products



RTN

BoWex® curved tooth
gear coupling, Nylon



RTN

BoWex® curved tooth
gear coupling, Nylon



KK

Rounded end feather
key, Steel