

## Rod ends with male thread: KARM and KALM



Standard design



Stainless steel sleeve  
version (MH)

- Maintenance-free, dry operation
  - High rigidity
  - Very high tensile strength for varying loads
  - Compensation of misalignment errors
  - Compensation of edge loads
  - Resistant to dirt, dust and lint
  - Resistant to corrosion and chemicals
  - High vibration-dampening
  - Suitable for rotating, oscillating and linear movements
  - Lightweight
  - Dimensional series K according to standard DIN ISO 12240
  - Available with a stainless steel sleeve to take a higher tightening torque
  - Adapter bolt with circlip available
- ▶ Accessories, **page 780**



Lifetime calculation online

▶ [www.igus.eu/igubal-expert](http://www.igus.eu/igubal-expert)

## Technical data

Part No.	Max. static tensile strength		Max. static axial force		Min. thread depth	Max. tightening torque	Max. tightening torque through ball		Weight
	Short-term [N]	Long-term [N]	Short-term [N]	Long-term [N]			without stainless steel sleeve [Nm]	with stainless steel sleeve [Nm]	
Right-hand thread / Left-hand thread					Thread [mm]	Male thread [Nm]			[g]
KARM-05 / KALM-05	800	400	80	40	13	0.4	5	12	2.7
KARM-06 / KALM-06	1,000	500	100	50	15	0.5	10	15	3.9
KARM-08 / KALM-08	1,700	850	200	100	18	2.0	12	40	7.1
KARM-10 / KALM-10	2,500	1,250	300	150	20	5.0	20	50	12.5
KARM-10 F / KALM-10 F	2,500	1,250	300	150	20	3.0	20	50	12.5
KARM-12 / KALM-12	2,700	1,350	400	200	22	6.0	30	70	18
KARM-12 F / KALM-12 F	2,700	1,350	400	200	22	6.0	30	70	18
KARM-14 / KALM-14	3,400	1,700	700	350	25	12.0	35	75	25
KARM-16 / KALM-16	3,900	1,950	800	400	26	17.0	40	110	34
KARM-16 F / KALM-16 F	3,900	1,950	800	400	26	17.0	40	110	34
KARM-18 / KALM-18	4,200	2,100	1,000	500	29	20.0	45	150	45.9
KARM-20 / KALM-20	6,000	3,000	1,300	650	32	25.0	55	200	58
KARM-20 M20 / KALM-20 M20	6,000	3,000	1,300	650	32	25.0	55	200	58
KARM-22 / KALM-22	7,200	3,600	1,500	750	34	25.0	60	–	86.2
KARM-25 / KALM-25	7,500	3,750	1,900	950	39	45.0	65	–	99.1
KARM-30 / KALM-30	8,800	4,400	2,300	1,150	46	85.0	70	–	160.4