

igubal® Rod Ends - Product range

Rod ends with male thread: KARM and KALM



Standard design



Design with
metal sleeve (MH)

- Maintenance free, self-lubricating
- High strength under impact loads
- Very high tensile strength for varying loads
- Compensation of misalignment
- Compensation of edge loads
- Resistant to dirt, dust and lint
- Corrosion- and chemical-resistant
- High vibration dampening capacity
- Suitable for rotating, oscillating, and linear movements
- Lightweight
- Dimensional K series according to standard DIN ISO 12240
- Available with metal sleeve for higher torque

Dimensions [mm]

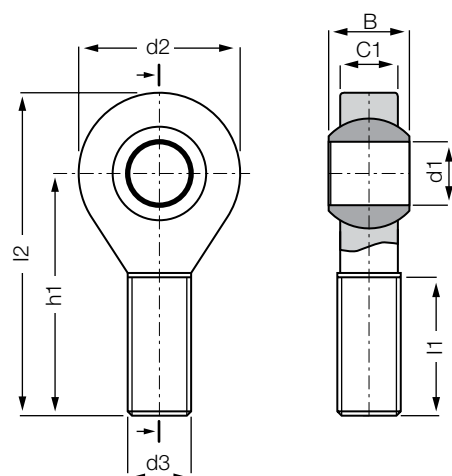
Part No.	Part No.	d1	d2	d3	C1	B		h1	l1	l2	Max. pivot angle
Right thread	Left thread	[E10]				without MH	with MH ±0.2				
KARM-05	KALM-05	05	18	M05	6.0	8	8.2	33	19	42	30°
KARM-06	KALM-06	06	20	M06	7.0	9	9.2	36	21	46	29°
KARM-08	KALM-08	08	24	M08	9.0	12	12.2	42	25	55	25°
KARM-10	KALM-10	10	30	M10	10.5	14	14.2	48	28	63	25°
KARM-10 F	KALM-10 F	10	30	M10 x 1.25	10.5	14	14.2	48	28	63	25°
KARM-12	KALM-12	12	34	M12	12.0	16	16.2	54	32	71	25°
KARM-12 F	KALM-12 F	12	34	M12 x 1.25	12.0	16	16.2	54	32	71	25°
KARM-14	KALM-14	14	38	M14	13.5	19	19.2	61	36	79	25°
KARM-16	KALM-16	16	42	M16	15.0	21	21.2	66	37	88	23°
KARM-16 F	KALM-16 F	16	42	M16 x 1.5	15.0	21	21.2	66	37	88	23°
KARM-18	KALM-18	18	46	M18 x 1.5	16.5	23	23.2	72	41	96	23°
KARM-20	KALM-20	20	50	M20 x 1.5	18.0	25	25.2	78	45	104	23°
KARM-20 M20	KALM-20 M20	20	50	M20 x 2.5	18.0	25	25.2	78	45	104	23°
KARM-22	KALM-22	22	56	M22 x 1.5	20.0	28	–	84	48	112	22°
KARM-25	KALM-25	25	61	M24 x 2.0	22.0	31	–	95	55	126	22°
KARM-30	KALM-30	30	71	M30 x 2.0	25.0	37	–	112	66	147	22°

► Tolerance Table, Page 75

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igubal®
rod ends

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Order key

Type	Size
K A ... M - 08	
Dimensional K series	
Housing (male thread)	
Thread L = Left hand thread R = Right hand thread	
Metric	
Inner-Ø [mm]	



Material:

Housing - **igumid G** ► Page 1373
Spherical ball - **iglide® L280 (W300)***
Available with metal sleeve

Technical data

Part No.	Part No.	Maximum static tensile strength		Maximum Static radial load		Max. torque strength	Max. torque through Ball		Weight
		Short term	Long term	Short term	Long term		without MH	with MH	
Right thread	Left thread	[lbs]	[lbs]	[lbs]	[lbs]	Outer thread (ft•lbs)	(ft•lbs)	(ft•lbs)	[g]
KARM-05	KALM-05	180	90	18	9	.3	3.7	8.8	2.7
KARM-06	KALM-06	225	112	22	11	.4	7.4	11.1	3.9
KARM-08	KALM-08	382	191	45	22	1.5	8.9	29.5	7.1
KARM-10	KALM-10	562	281	67	33	3.7	14.8	36.9	12.5
KARM-10 F	KALM-10 F	562	281	67	33	2.2	14.8	36.9	12.5
KARM-12	KALM-12	607	303	89	45	4.4	22.1	51.6	18
KARM-12 F	KALM-12 F	607	303	89	45	4.4	22.1	51.6	18
KARM-14	KALM-14	764	382	157	78	8.9	25.8	55.3	25
KARM-16	KALM-16	876	438	179	89	12.5	29.5	81.1	34
KARM-16 F	KALM-16 F	876	438	179	89	12.5	29.5	81.1	34
KARM-18	KALM-18	944	472	224	112	14.8	33.2	110.6	45.9
KARM-20	KALM-20	1348	674	292	146	18.4	40.6	147.5	58
KARM-20 M20	KALM-20 M20	1348	674	292	146	18.4	40.6	147.5	58
KARM-22	KALM-22	1618	809	337	168	18.4	44.3	166.0	86.2
KARM-25	KALM-25	1686	843	427	213	33.2	47.9	191.8	99.1
KARM-30	KALM-30	1978	989	517	258	62.7	51.6	221.3	160.4

*W300 is the European material equivalent for iglide® L280.