igubal® Rod Ends | Product Range

Rod ends with male thread: EARM and EALM

- Maintenance-free, dry-running
- High stiffness
- Very high tensile strength for varying loads
- Compensation of misalignment
- Compensation of edge loads
- Insensitive to dirt, dust and lint
- Corrosion- and chemical-resistant
- High vibration-dampening capacity
- Suitable for rotating, oscillating, and linear movements
- Light weight
- Dimensional series E according to standard DIN ISO 12240
- For temperatures up to +200°C we recommend EARM-HT and EALM-HT ▶ page 735

Technical Data

Part number		Max. static tensile strength		Max. static radial load		Min. thread depth	Max. torque strength	Max. torque through ball	Weight
Right-hand thread	Left-hand thread	Short term [N]	Long term [N]	Short term [N]	Long term [N]	Thread [mm]	Outer threading [Nm]	[Nm]	[g]
EARM-05	**EALM-05**	550	275	50	25	14	0.4	2.0	2.2
EARM-06	**EALM-06**	850	425	80	40	14	0.5	2.5	2.7
EARM-08	**EALM-08**	1,600	800	160	80	17	2.0	7.0	5.1
EARM-10	**EALM-10**	2,600	1,300	250	125	19	5.0	14.0	8.4
EARM-10 F	**EALM-10 F**	2,600	1,300	250	125	19	3.0	14.0	8.4
EARM-12	**EALM-12**	3,100	1,550	300	150	20	6.0	25.0	14.3
EARM-12 F	**EALM-12 F**	3,100	1,550	300	150	20	6.0	25.0	14.3
EARM-15	**EALM-15**	3,400	1,700	600	300	24	12.5	30.0	21.1
EARM-17	**EALM-17**	3,600	1,800	900	450	26	17.5	35.0	30.2
EARM-17 F	**EALM-17 F**	3,600	1,800	900	450	26	21.0	35.0	30.2
EARM-20	**EALM-20**	6,800	3,400	1,700	850	30	25.0	40.0	57.3
EARM-20 M20	**EALM-20 M20**	6,800	3,400	1,700	850	30	25.0	40.0	57.3
EARM-25	**EALM-25**	7,000	3,500	1,000	500	37	45.0	55.0	94.8
EARM-30	**EALM-30**	7,000	3,500	2,000	1,000	46	85.0	70.0	156.4

Spherical ball materials to choose ▶ page 815

J4VEM: clearance-free, preloaded

JEM: low moisture absorption

REM: low-cost

J4EM: low-cost and low moisture absorption

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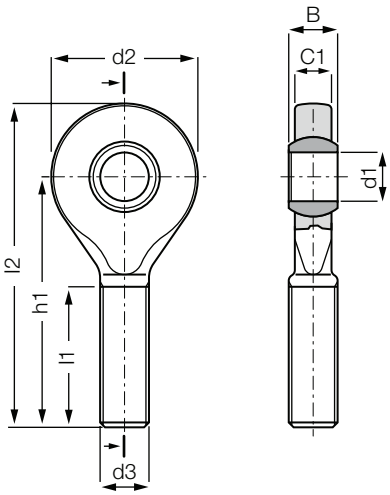

Order key

EA...M-05

- Dimension
- Metric
- Thread
- L = left-hand thread
- R = right-hand thread
- Housing (male thread)
- Dimensional series E

Material:
Housing: **igumid G** ▶ **page 1267**
Spherical ball: **iglidur® W300** ▶ **page 819**
More spherical ball materials on request
▶ **page 815**

Dimensions [mm]

Part number Right-hand thread	Left-hand thread	d1 E10	d2	d3	C1	B	h1	l1	l2	Max. pivot angle
EARM-05	**EALM-05**	5	19	M05	4.4	6	36	20	45.5	33°
EARM-06	**EALM-06**	6	21	M06	4.4	6	36	20	46.5	27°
EARM-08	**EALM-08**	8	24	M08	6.0	8	41	24	53.0	24°
EARM-10	**EALM-10**	10	29	M10	7.0	9	47.5	27	62.0	24°
EARM-10 F	**EALM-10 F**	10	29	M10 x 1.25	7.0	9	47.5	27	62.0	24°
EARM-12	**EALM-12**	12	34	M12	8.0	10	54	29	71.0	21°
EARM-12 F	**EALM-12 F**	12	34	M12 x 1.25	8.0	10	54	29	71.0	21°
EARM-15	**EALM-15**	15	40	M14	10.0	12	63	34	83.0	21°
EARM-17	**EALM-17**	17	46	M16	11.0	14	69	37	92.0	18°
EARM-17 F	**EALM-17 F**	17	46	M16 x 1.5	11.0	14	69	37	92.0	18°
EARM-20	**EALM-20**	20	53	M20 x 1.5	13.0	16	80	43	106.5	16°
EARM-20 M20	**EALM-20 M20**	20	53	M20 x 2.5	13.0	16	80	43	106.5	16°
EARM-25	**EALM-25**	25	64	M24 x 2.0	17.0	20	97	53	129.0	16°
EARM-30	**EALM-30**	30	73	M30 x 2.0	19.0	22	113	65	149.5	13°

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