

Rod ends with female thread: KCRM and KCLM



- Smooth design no dirt traps
 - Spherical ball is clipped in
 - Choice of iglidur® spherical ball materials
 - Compensation of misalignment errors
 - Lightweight
 - Absolute corrosion resistance
 - Available with stainless steel sleeve for higher tightening torque
 - Dimensional K series according to DIN ISO 12240
 - Adapter screw with circlip available
- ▶ Accessories, **page 861**

Service life calculation online
▶ www.igus.eu/igubal-expert

Technical data

Part No.	Max. static tensile strain		Max. static axial force		Min. thread depth	Max. tightening torque	Max. tightening torque through ball		Weight		
	Short-term	Long-term	Short-term	Long-term			Thread	Female thread		without	with
										stainless steel sleeve	stainless steel sleeve
	[N]	[N]	[N]	[N]	[Nm]	[Nm]	[Nm]	[Nm]	[g]		
KC□M-05	1,200	600	180	90	7	1.00	5	12	4.0		
KC□M-06	1,400	700	300	150	8	0.75	10	15	4.2		
KC□M-08	2,100	1,050	500	250	11	2.00	12	40	7.6		
KC□M-10	3,100	1,550	800	400	13	3.00	20	50	12.8		
KC□M-10-F	3,100	1,550	800	400	13	3.00	20	50	12.8		
KC□M-12	3,560	1,780	750	375	15	15.0	30	70	19.0		
KC□M-12-F	3,560	1,780	750	375	15	15.0	30	70	19.0		
KC□M-16	3,800	1,900	800	400	19	15.0	40	110	34.0		
KC□M-16-F	3,800	1,900	800	400	19	15.0	40	110	34.0		
KC□M-20	4,550	2,275	400	200	22	20.0	55	200	55.0		
KC□M-20-M20	4,550	2,275	400	200	22	20.0	55	200	55.0		

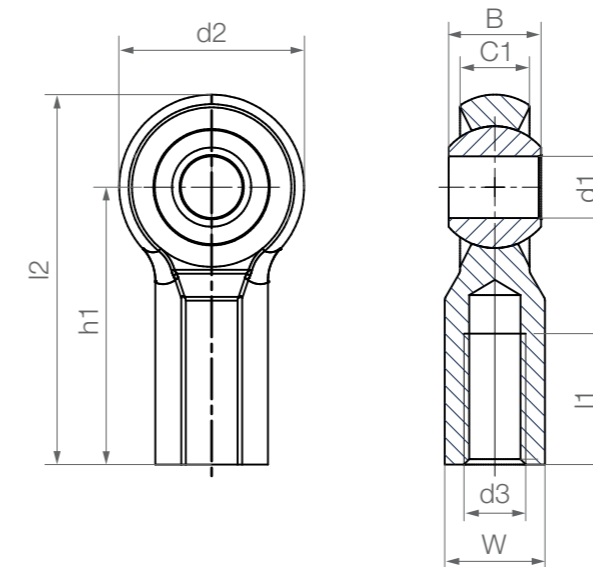
Alternative spherical ball materials ▶ Page 841



750 Online tools and more information ▶ www.igus.eu/rod-end



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Order key

Type	Size [mm]	Options
K C □ M - 06	06	MH
K series	Housing (female thread)	Thread
	Metric	Inner Ø
		Thread L = Left-hand thread R = Right-hand thread
		Add-on: MH = With stainless steel sleeve

i Material:
Housing: **igumid G** ▶ Page 1654
Spherical ball: **igidur® W300** ▶ Page 171
Other spherical ball materials upon request
▶ Page 841

Dimensions [mm]

Part No.	d1 E10	d2	d3	W	B		C1	h1	l1	l2	Max. pivot angle
					without stainless steel sleeve	with stainless steel sleeve +0.2					
KC□M-05	5	18	M5	SW9	8	8.2	6.0	27	12.0	36	43°
KC□M-06	6	20	M6	SW10	9	9.2	7.0	30	13.5	40	40°
KC□M-08	8	24	M8	SW13	12	12.2	9.0	36	17.0	48	35°
KC□M-10	10	30	M10	SW15	14	14.2	10.5	43	22.0	58	35°
KC□M-10-F	10	30	M10 x 1.25	SW15	14	14.2	10.5	43	22.0	58	35°
KC□M-12	12	34	M12	SW17	16	16.2	12.0	50	25.0	67	35°
KC□M-12-F	12	34	M12 x 1.25	SW17	16	16.2	12.0	50	25.0	67	35°
KC□M-16	16	42	M16	SW20	21	21.2	15.0	64	30.0	85	35°
KC□M-16-F	16	42	M16 x 1.5	SW20	21	21.2	15.0	64	30.0	85	35°
KC□M-20	20	50	M20 x 1.5	SW24	25	25.2	18.0	77	35.0	102	35°
KC□M-20-M20	20	50	M20 x 2.5	SW24	25	25.2	18.0	77	35.0	102	35°

Rod ends can be ordered in metric dimensions **with stainless steel** sleeve with the addition of **MH** after the part numbers listed here. Example: KCRM-10 **MH** (Inner Ø: 10mm).

For another spherical bearing material than iglidur® W300, please add "J" to the part number, for example. Example: KCRM-05 J.

3D CAD files, prices and delivery time online ▶ www.igus.eu/rod-end 751

