Mating materials:
Steel on PTFE
Maintenance-free

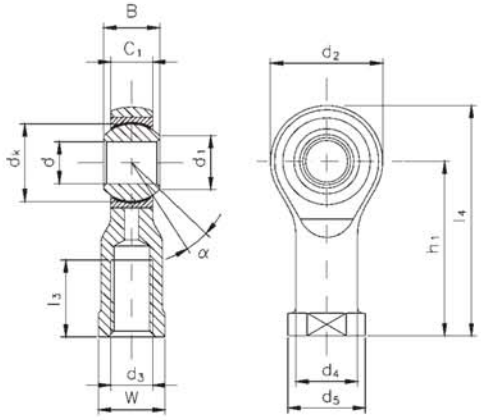
Standard
DIN ISO 12240-4
dimension series K

Inner ring: Antifriction bearing steel, hardened, ground and polished.

Outer ring: Brass lined with an antifriction film, consisting of PTFE, cold formed around inner ring.

Housing: Sizes 5 to 12 free-cutting steel, sizes 14 to 50 tempering steel (standardised), all sizes galvanized and chromatised. The spherical bearing ia pressed into the housing and caulked at both sides.

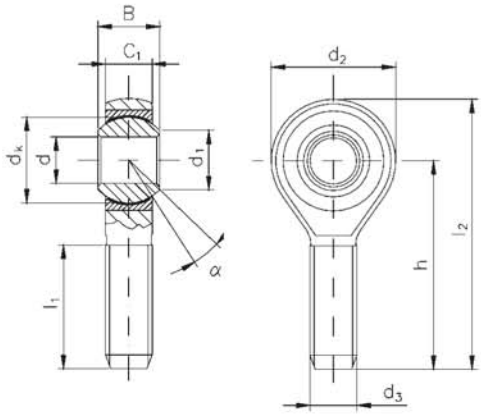
Female thread



Designation		d	d_3	B	C_1	d_1 ≈
Righthand thread	Lefthand thread	mm	mm	mm	mm	mm
KI 5-D	KIL 5-D	**5**	M5	8	6.00	7.7
KI 6-D	KIL 6-D	**6**	M6	9	6.75	8.9
KI 8-D	KIL 8-D	**8**	M8	12	9.00	10.3
KI 10-D	KIL 10-D	**10**	M10	14	10.50	12.9
KI 12-D	KIL 12-D	**12**	M12	16	12.00	15.4
KI 14-D	KIL 14-D	**14**	M14	19	13.50	16.8
KI 16-D	KIL 16-D	**16**	M16	21	15.00	19.3
KI 18-D	KIL 18-D	**18**	M18x1.5	23	16.50	21.8
KI 20-D	KIL 20-D	**20**	M20x1.5	25	18.00	24.3
KI 22-D	KIL 22-D	**22**	M22x1.5	28	20.00	25.8
KI 25-D	KIL 25-D	**25**	M24x2	31	22.00	29.5
KI 30-D	KIL 30-D	**30**	M30x2	37	25.00	34.8
KI 35-D	KIL 35-D	**35**	M36x2	43	28.00	37.7*
KI 40-D	KIL 40-D	**40**	M42x2	49	33.00	45.2*
KI 50-D	KIL 50-D	**50**	M48x2	60	45.00	56.6*

*) deviates from standard

Male thread



Designation		d	d_3	B	C_1	d_1 ≈
Righthand thread	Lefthand thread	mm	mm	mm	mm	mm
KA 5-D	KAL 5-D	**5**	M5	8	6.00	7.7
KA 6-D	KAL 6-D	**6**	M6	9	6.75	8.9
KA 8-D	KAL 8-D	**8**	M8	12	9.00	10.3
KA 10-D	KAL 10-D	**10**	M10	14	10.50	12.9
KA 12-D	KAL 12-D	**12**	M12	16	12.00	15.4
KA 14-D	KAL 14-D	**14**	M14	19	13.50	16.8
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KA 22-D	KAL 22-D	**22**	M22x1.5	28	20.00	25.8
KA 25-D	KAL 25-D	**25**	M24x2	31	22.00	29.5
KA 30-D	KAL 30-D	**30**	M30x2	37	25.00	34.8
KA 35-D	KAL 35-D	**35**	M36x2	43	28.00	37.7*
KA 40-D	KAL 40-D	**40**	M42x2	49	33.00	45.2*
KA 50-D	KAL 50-D	**50**	M48x2	60	45.00	56.6*

*) deviates from standard