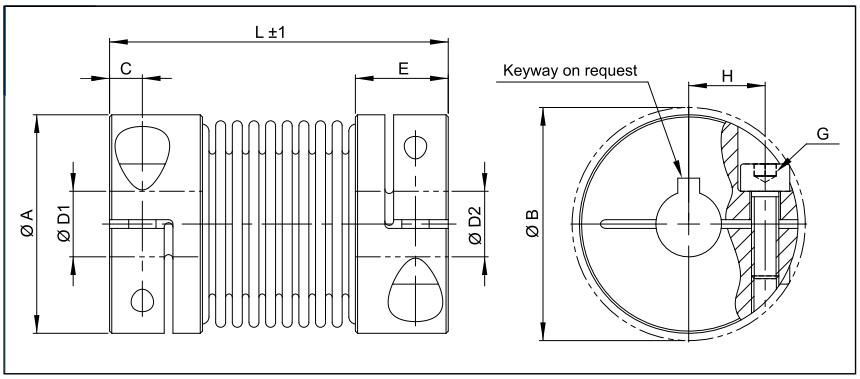
optional laserwelded
optional full stainless steel version

Metal Bellows Coupling with collet clamps

KB4K



Order Code

KB4K / 400 - 75 - 44 - 40 - (S)

Type / Size	Length L	ØD1 (H7)	ØD2 (H7)	Options

Size	Torque TKN (Nm)	Dimensions (mm)								Technical Data								
		L	Ø A	ØD1 / ØD2	E	Ø B	H	C	G	Mass (kg)	Moment of Inertia J (g m²)	Spring Stiffness			Misalignment			max. speed min-1
		Length	Outer Ø	Bore Sizes (H7) min~max					Screw (ISO4762) TA (Nm)			torsional CT 10³ (Nm/rad)	radial CR (N/mm)	axial CA (N/mm)	radial ΔKr (mm)	axial ΔKa (mm)	angula ΔKw (°)	
10	10	35	32.5	6-18	13	34	12	5	M4 / 3.5	0.06	0.008	9	1518	63	0.05	0.5	0.5	15000
20	20	39	40.5	6-25	13.5	41.5	15.5	5	M4 / 4.5	0.09	0.02	15	1208	65	0.05	0.5	0.5	15000
40	40	46	45	10-25.4	17.5	47.4	17	5.5	M5 / 8	0.07	0.04	35	3350	97	0.05	0.5	0.5	12800
80	80	55	56	12-32	21	56.4	20	7.3	M6 / 15	0.26	0.14	53	6436	165	0.05	0.5	0.5	10300
200	200	60	66	16-35	23	66	23	8.6	M8 / 40	0.38	0.28	92	5980	287	0.1	1	0.5	8700
400	400	75	82	32-44	27	82.9	28	9.8	M10 / 84	0.70	0.82	176	6815	338	0.1	1	0.5	6900
650	650	78	90	37-47	29	90.8	31	10.8	M12 / 125	0.89	1.19	230	7910	386	0.1	1.5	1	6400
1000	1000	84	110	42-60	32.5	110	40	11.8	M12 / 145	1.37	2.74	579	29096	756	0.1	1.5	1	6000
1500	1500	96	122	50-70	36	122	42	13.3	M12 / 145	1.81	4.45	693	20694	639	0.1	1.5	1	5000

Material	bellows - stainless steel hub - aluminium
Hub	bore tolerance: H7
Temperature Range	-30 °C ~ 120 °C
Keyway	optional acc. DIN 6885