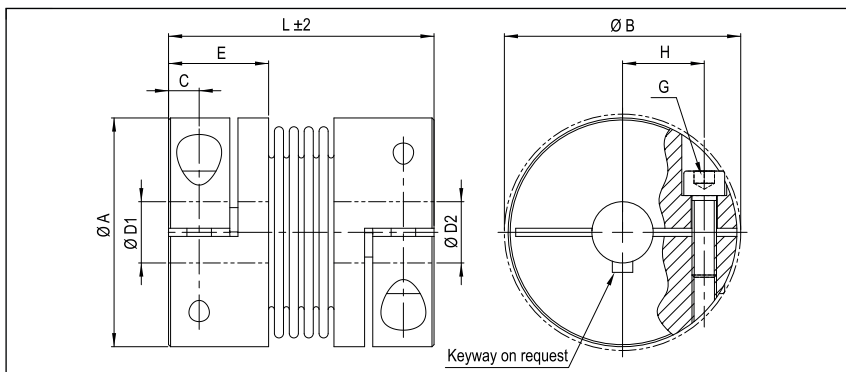


Metal Bellows Coupling
in aluminum, with collet clamps

KB4AL



optional
laserwelded
optional full stainless
steel version



Order Code

KB4AL / 80 - 91 - 15 - 20 - (S)

Type / Size

Length
L

ØD1
(H7)

ØD2
(H7)

Options

Size	Torque TKN (Nm)	Dimensions (mm)								Technical Data								
		L	Ø A	Ø D1/D2	H	C	E	Ø B	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)	angular ΔKw (°)	
80	80	91	82	12-44	28	11	33.5	82.9	M10	0.8	0.90	128	1200	80	0.2	0.5	1.5	6900
		102							84	0.85	0.95	75	400	50	0.25	0.8	2	6900
150	150	91	82	14-44	28	11	33.5	82.9	M10	0.9	1.0	155	2020	145	0.2	0.5	1.5	6900
		102							84	0.95	1.05	105	595	85	0.25	0.8	2	6900
200	200	101	90	16-47	31	13	38	90.8	M12	1.17	1.49	175	2500	145	0.2	0.5	1.5	6400
		113							125	1.21	1.57	120	460	82	0.25	0.8	2	6400
300	300	105	110	20-60	40	13	38	110	M12	1.62	3.28	502	6300	280	0.2	0.5	1.5	6000
		116							145	1.66	3.37	285	1400	145	0.25	0.8	2	6000
500	500	112	122	25-70	42	15	42	122	M12	2.4	6.4	690	7790	100	0.2	0.5	1.5	5000
		123							145	2.5	6.7	320	970	85	0.25	1.0	2	5000
800*	800	168	157	35-80	55	22.5	66.5	170.3	2xM20x60 400	6.2	24.4	1270	700	275	0.2	0.8	1.8	5000
		5000																
1400*	1400	168	157	45-80	55	22.5	66.5	170.3	2xM20x60 470	6.2	24.4	1270	700	275	02	08	1.8	5000
		5000																

Material

bellows - stainless steel
hub - aluminium

Hub

bore tolerance: H7

Temperature Range

-30 °C ~ 120 °C

Keyway

optional acc. DIN 6885

*screw position for sizes 800 + 1400

