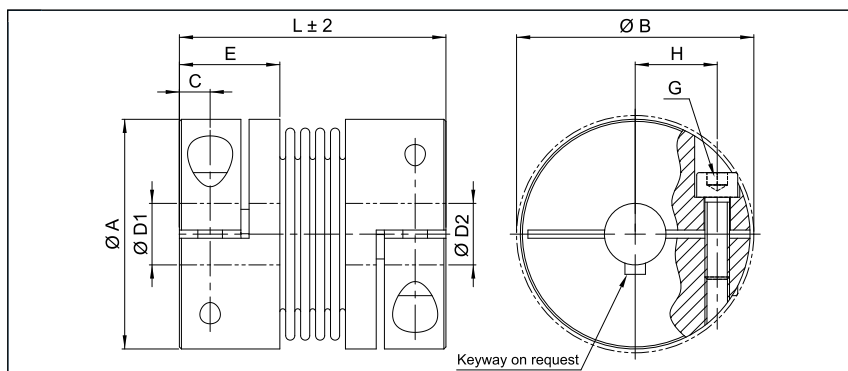


Metal Bellows Coupling compact
with Collet Clamps

KB4C



optional
laserwelded
optional full stainless
steel version



Order Code

KB4C / 60 - 67 - 12 - 32 - (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 (°)	
18	18	58	45	10-25.4	17	5.5	17.5	47.4	M5	0.07	0.03	20	205	50	0.2	0.5	1.5	12800
		66							8	0.12	0.04	15	82	36	0.25	0.5	2	12800
30	30	58	56	10-32	20	7.3	21	56.4	M6	0.26	0.13	38	720	50	0.15	0.6	1.5	10300
		66							15	0.27	0.14	28	225	28	0.25	1	2	10300
60	60	67	66	12-35	24	8.6	24	66.2	M8	0.38	0.28	75	1150	90	0.15	0.6	1.5	8700
		77							40	0.42	0.31	50	340	50	0.25	1	2	8700
80	80	78	82	12-44	28	9.8	27	82.9	M10	0.70	0.78	128	1200	80	0.2	0.5	1.5	6900
		89							84	0.76	0.85	75	400	50	0.25	0.8	2	6900
150	150	78	82	14-44	28	9.8	27	82.9	M10	0.73	0.82	155	2020	145	0.2	0.5	1.5	6900
		89							84	0.80	0.89	105	595	85	0.25	0.8	2	6900
200	200	83	90	16-47	31	10.8	29	90.8	M12	0.89	1.19	175	2500	145	0.2	0.5	1.5	6400
		94							125	0.95	1.27	120	460	82	0.25	0.8	2	6400
300	300	94	110	20-60	40	11.8	32.5	110	M12	1.37	2.74	502	6300	280	0.2	0.5	1.5	6000
		105							145	1.43	2.86	285	1400	145	0.25	0.8	2	6000
500	500	100	122	25-70	42	13.3	36	122	M12	1.81	4.45	690	7790	100	0.2	0.5	1.5	5000
		111							145	1.91	4.69	320	970	85	0.25	1	2	5000

Material

bellows - stainless steel
hub - aluminium

Hub

bore tolerance: H7

Temperature Range

-30 °C ~ 120 °C

Keyway

optional acc. DIN 6885
biggest bore marked with a #

*Note:

Screw arrangement
from size 500 onwards

