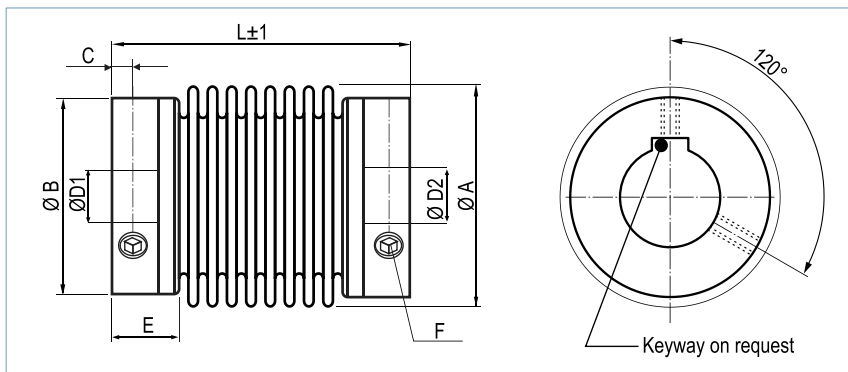


Miniature Metal Bellows Coupling

with set screws

optional
laserwelded
optional full stainless
steel version



Order Code

KB1 / 45 - 40 - 10 - 18 - (S)

Type / Size

Length
L

ØD1
(H7)

ØD2
(H7)

Options

Size	Torque TKN (Nm)	Dimensions (mm)							Technical Data							
		L	Ø A	D1/D2	Ø B	C	E	F	Mass (g)	Moment of Inertia J (g cm ²)	Spring Stiffness			Misalignment		
		Length	Outer Ø	Bore Sizes (H7) min-max	Hub Ø	Hub- length	Screw (ISO4029) TA (Nm)	torsional CT (Nm/rad)			radial CR (N/mm)	axial CA (N/mm)	radial ΔKr (mm)	axial ΔKa (mm)	angular ΔKw (°)	
05	0.05	14	6.5	1-3	6.5	1.5	4	1x M2 0.35	1	0.1	50	6	9	0.1	0.4	1
1	0.1	23	10	1-4	10	2	6	1x M3 0.5	3	0.45	65	10	14	0.12	0.2	1.2
5	0.5	19	15	3-8	13.5	2	6	1x M3	4	1.3	260	43	13	0.1	0.2	1
		0.5						4.5	1.5	200	18	10	0.15	0.3	1.5	
		0.5						5	1.6	160	9	8	0.2	0.4	2	
10	1	21	15	3-8	13.5	2	6	1x M3	5.5	1.8	510	74	27	0.1	0.2	1
		0.5						6	2	380	31	20	0.15	0.3	1.5	
		0.5						7	2.3	310	16	16	0.2	0.4	2	
15	1.5	26	19	3-12	19	3	8	2x M4	10	6	750	59	15	0.1	0.3	1.5
		30		8#				1.5	12	7.4	700	20	9	0.15	0.4	2
20	2	22	24	3-14	21.5	3	6	2x M4	11	9.2	1500	67	12	0.15	0.3	1.5
		28		10#				13	12.6	1300	21	11	0.2	0.4	1.5	
		32		1.5				15	13.5	1050	11	9	0.25	0.5	2	
		32		1.5				15	13.5	1050	11	9	0.25	0.5	2	
45	4.5	40	32	6-19	29	4	12	2x M6	44	68	6500	168	32	0.1	0.3	1.5
		48		13#				3	50	79	4200	41	20	0.2	0.5	2
100	10	45	40	6-24	36	4	12	2x M6	60	150	8100	120	27	0.15	0.4	1.5
		55		17#				3	79	210	6800	29	17	0.3	0.6	2



Speed	max. 15000 min ⁻¹
Material	bellows - stainless steel, size 05: bronze hub - aluminium
Hub	bore tolerance: H7
Temperature Range	-30 °C ~ 120 °C
Keyway	optional acc. DIN 6885 biggest bore with keyway marked with a #