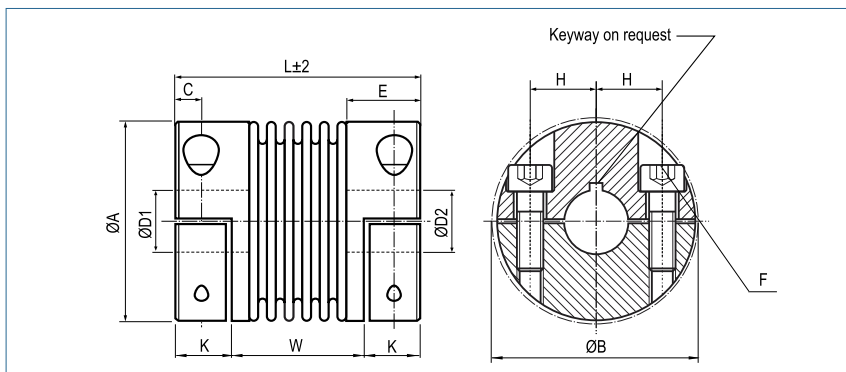


Metal Bellows Coupling

with split hubs

optional
laserwelded
optional full stainless
steel version

**Order Code****KB4H / 60 - 83 - 20 - 20 - (S)**

Type / Size

Length
LØD1
(H7)ØD2
(H7)

Options

Size	Torque TKN (Nm)	Dimensions (mm)										Technical Data								
		L	Ø A	D1/D2	H	C	E	W	K	B	F	Mass (kg)	Moment of Inertia J (g m²)	Spring Stiffness			Misalignment			max. speed (min-1)
		Length (±2)	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)	agular ΔKw (°)	
18	18	63	45	10-25.4	17	5.5	19.5	37	13	47.4	M5	0.1	0.04	20	205	50	0.2	0.5	1.5	12800
		71						45			8	0.15	0.05	15	82	36	0.25	0.5	2	12800
30	30	69	56	10-32	20	7.5	27	35	17	56.4	M6	0.3	0.14	38	720	50	0.15	0.6	1.5	10300
		77		30#				43			15	0.32	0.15	28	225	28	0.25	1	2	10300
60	60	83	66	12-35	23	9.5	31	41	21	66.2	M8	0.5	0.28	75	1150	90	0.15	0.6	1.5	8700
		93						51			40	0.6	0.29	50	340	50	0.25	1	2	8700
80	80	94	82	12-44	28	11	36	47	23.5	82.9	M10	0.9	0.65	128	1200	80	0.2	0.5	1.5	6900
		106						59			84	0.95	0.67	75	400	50	0.25	0.8	2	6900
150	150	95	82	14-44	28	11	36	48	23.5	82.9	M10	0.9	0.82	155	2020	145	0.2	0.5	1.5	6900
		107						60			84	0.95	0.86	105	595	85	0.25	0.8	2	6900
200	200	105	90	16-47	31	12.5	41	51	27	90.8	M12	1.3	2.2	175	2500	145	0.2	0.5	1.5	6400
		117						63			125	1.35	2.7	120	460	82	0.25	0.8	2	6400
300	300	111	110	20-60	40	13	41	55	28	110	M12	1.8	4.2	502	6300	280	0.2	0.5	1.5	6000
		125						69			145	1.85	5.2	285	1400	145	0.25	0.8	2	6000
500	500	133	122	25-70	42	15	51	62	35.5	122	M12	2.50	8.6	690	7790	100	0.2	0.5	1.5	5000
		146						75			145	2.51	9.3	320	970	85	0.25	1	2	5000
800	800	168	157	40-80	55	22.5	66.5	77	45.5	168	M20 400	14.8	57.65	1270	700	275	0.2	0.8	1.8	5000
1400	1400	168	157	50-80	55	22.5	66.5	77	45.5	168	M20 400	15.3	58.70	1270	700	275	0.2	0.8	1.8	5000

**Material**

bellows - stainless steel
hub - to size 500: aluminium
hub - from size 800: steel

Hub

bore tolerance: H7

Temperature Range

-30 °C ~ 120 °C
size 800/1400: -30 °C ~ 250 °C

Keyway

optional acc. DIN 6885
biggest bore marked with a #