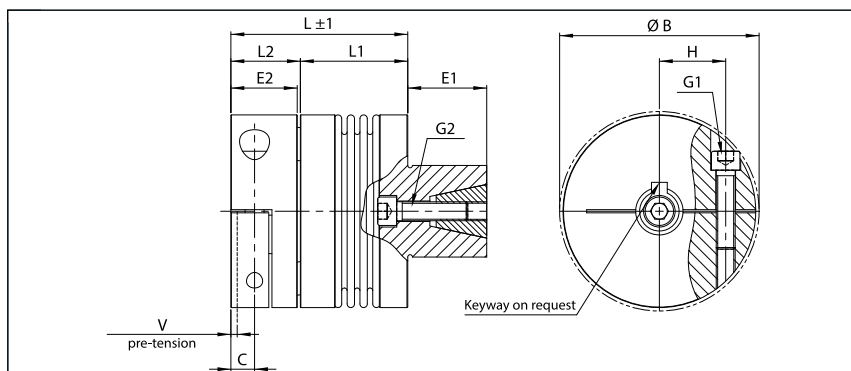


Metal Bellows Coupling
axial pluggable, with expanding clamps

optional
laserwelded
optional full stainless
steel version

KB8P



Order Code

KB8P / 60 - 78 - 15 - 30 - D - (S)

Type / Size

Length
LØD1
(H7)ØD2
(f7)

Plug System

Options

Size	Torque TKN (Nm)	Dimensions (mm)										Technical Data								
		L	Ø A	Ø D1	Ø D2	H	C	E2	E1	Ø B	G1/G2	Mass (kg)	Moment of Inertia J (g m²)	Spring Stiffness			Misalignment			max. speed (min-1)
		Length	Outer Ø	Bore Size (H7) min~max	(f7) min~max						Screw (ISO4762) TA (Nm)			torsional CT 10° (Nm/rad)	radial CR (N/mm)	axial CA (N/mm)	radial ΔKr (mm)	axial ΔKa (mm)	angular ΔKw (°)	
18	18	52	45	10-24	13-25	17	5.5	12	20	47.4	M5	0.18	0.04	20	205	50	0.2	0.5	1.5	12800
		60									8	0.19	0.05	15	82	36	0.25	0.5	2	12800
30	30	59.5	56	10 32	14-30	20	7.3	17	25	56.4	M6	0.33	0.15	38	720	50	0.15	0.6	1.5	10300
		67.5		#30							15	0.34	0.16	28	225	28	0.25	1.0	2	10300
60	60	68	66	12-35	23-38	23	8.6	21	27	66	M8	0.49	0.28	75	1150	90	0.15	0.6	1.5	8700
		78									40	0.51	0.31	50	340	50	0.25	1.0	2	8700
150	150	75	82	14-44	26-42	28	9.8	21.5	32	82.9	M10	0.87	0.90	155	2020	145	0.2	0.5	1.5	6900
		87									84	0.92	0.95	105	595	85	0.25	0.8	2	6900
300	300	93	110	20-60	38-60	39	10.8	27	45	110	M12	1.87	3.28	502	6300	280	0.2	0.5	1.5	6000
		107									145	1.91	3.37	285	1400	145	0.25	0.8	2	6000
500	500	112	122	25-70	58-80	42	15	42	50	122	M12	3.83	6.52	690	7790	100	0.2	0.5	1.5	5000
		123									145	3.93	6.63	320	970	85	0.25	1	2	5000

Material

bellows - stainless steel
collet clamps - aluminium
expanding clamps - steel

Hub

bore tolerance: H7

Temperature Range

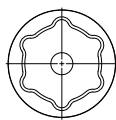
-30 °C ~ 120 °C

Keyway

optional acc. DIN 6885
biggest bore marked with a #

Size	Dimensions (mm)			
	L1	L2	L3	V
18	33.5	14	22	0.5-1.0
	40.5			
30	40.5	19	31	0.5-1.0
	48.5			
60	45	23	35	0.5-1.5
	55			
150	51.5	23.5	37.5	0.5-1.5
	63.5			
300	64	29	47	0.5-1.5
	78			
500	68	44	66	0.5-2.0
	79			

version D:
multi position
(standard)



version C:
single position
(on request)

