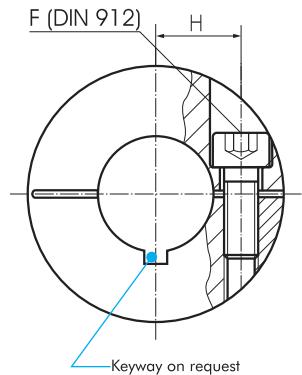
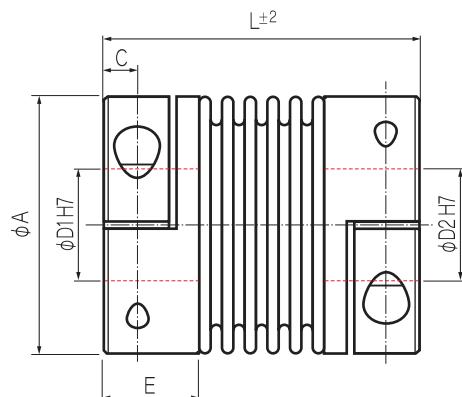


Bellows Couplings in Stainless Steel

with Collet Clamps



Order Code: KB 4 / 60 - 89 - 12 - 32 - VA/VAW

Type / Size

Length

$\emptyset D1$
(H7) $\emptyset D2$
(H7)

Stainless Steel laserwelded
Stainless Steel glued

Torque T_{KN} (Nm)	Dimensions (mm)	Technical Ratings												max Speed rpm			
		L	$\emptyset A$	D1/D2	H	C	E	F	Mass	Moment of Inertia J	Spring Stiffness						
		Length (± 2)	Outer Ø	Bore Sizes (H7)				Screw (DIN 912) T_A (Nm)	(kg)	(g m ²)	torsional C_t 10 ³ (Nm/rad)	radial C_R (N/mm)	axial C_A (N/mm)	radial ΔK_r (mm)	axial ΔK_a (mm)	angular ΔK_w (°)	
KB4/18	18	63	45	10-25.4	17	5.5	19.5	M5	0.27	0.11	20	205	50	0.2	0.5	1.5	12800
		71						8	0.41	0.14	15	82	36	0.25	0.5	2	12800
KB4/30	30	65	56	10-30	20	7.5	24.5	M6	0.83	0.41	38	720	50	0.15	0.6	1.5	10300
		73						15	0.89	0.44	28	225	28	0.25	1	2	10300
KB4/60	60	79	66	12-32	23	10	29	M8	1.4	0.91	75	1150	90	0.15	0.6	1.5	8700
		89						40	1.7	1.00	50	340	50	0.25	1	2	8700
KB4/80	80	91	82	14-42	28	11	33.5	M10	2.3	2	128	1200	80	0.2	0.5	1.5	6900
		102						72	2.4	2.1	75	400	50	0.25	0.8	2	6900
KB4/150	150	91	82	19-42	28	11	33.5	M10	2.3	2	155	2020	145	0.2	0.5	1.5	6900
		102						84	2.4	2.1	105	595	85	0.25	0.5	2	6900
KB4/200	200	101	90	22-45	31	13	38	M12	2.6	3.3	175	2500	145	0.2	0.5	1.5	6400
		113						125	2.7	3.5	120	460	82	0.25	0.8	2	6400
KB4/300	300	105	110	30-60	40	13	38	M12	3.6	7.3	502	6300	280	0.2	0.5	1.5	6000
		116						145	3.7	7.5	285	1400	145	0.25	0.8	2	6000
KB4/500	500	112	122	35-70	42	15	42	M12	5.1	12.4	690	7790	100	0.2	0.5	1.5	5000
		123						145	5.2	12.7	320	970	85	0.25	1	2	5000

Material: Bellows - high Tensile Stainless Steel

Hubs - Stainless Steel

Temperature Range: VA -30° ~ 120° (glued)
VAW -30° ~ 250° (laser-beam-welded)

Version VA: Stainless Steel glued

Version VAW: Stainless Steel laser-beam-welded

Hubs: Keyway acc. DIN 6885 optional