

BKH

With split clamping hub

15 – 4,000 Nm

Features

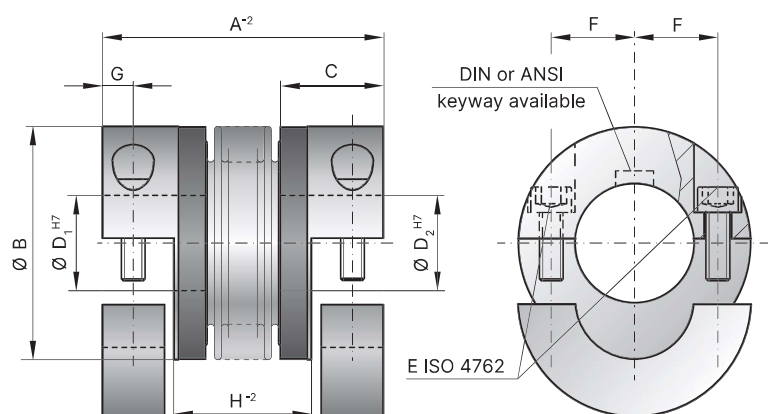
- Radial mounting possible
- Easy installation onto pre-aligned shafts
- Low moment of inertia

Material

- **Bellows:** high grade stainless steel

Design

Two split clamping hubs with two screws in each.
Brief overloads of up to 1.5x the rated torque are acceptable.



Model BKH

Size			15		30		60		80		150		200		300		500		800		1,500		4,000	
Rated torque	(Nm)	T _{KN}	15		30		60		80		150		200		300		500		800		1,500		4,000	
Overall length	(mm)	A ⁻²	59	66	69	77	83	93	94	106	95	107	105	117	111	125	133	146	140	166	225			
Outside diameter	(mm)	B	49		55		66		81		81		90		110		124		134		157		200	
Fit length	(mm)	C	22		27		31		36		36		41		43		51		45		55		85	
Inside diameter possible from Ø to Ø H7	(mm)	D ₁ /D ₂	8-28		10-30		12-35		14-42		19-42		22-45		24-60		35-60		40-75		50-80		50-90	
Fastening screw ISO 4762		E	M5		M6		M8		M10		M10		M12		M12		M16		M16		M20		M24	
Tightening torque of the fastening screw	(Nm)		8		15		40		50		70		120		130		200		250		470		1,200	
Distance between centerlines	(mm)	F	17.5		19		23		27		27		31		39		41		48		55		65	
Distance	(mm)	G	7		7.5		9.5		12		12		12.5		14		16.5		18		22.5		28	
Length of center section	(mm)	H ⁻²	29	36	35	43	41	51	47	59	48	60	50	62	55	69	61	75	65.5	71	109			
Moment of inertia(10 ⁻³ kgm ²)		J _{ges}	0.07	0.08	0.14	0.15	0.23	0.26	0.65	0.67	2.5	3.2	4.5	5.4	8.5	10.5	17.3	19.6	24.3	49.2	165			
Approximate weight	(kg)		0.15		0.3		0.4		0.8		1.7		2.5		4		7.5		7		12		28	
Torsional stiffness	(10 ³ Nm/rad)	C _T	20	15	39	28	76	55	129	85	175	110	191	140	450	350	510	500	780	1,304	3,400			
Axial	± (mm)	Max. values	1	2	1	2	1.5	2	2	3	2	3	2	3	2.5	3.5	2.5	3.5	3.5	3.5	3.5			
Lateral	± (mm)		0.15	0.2	0.2	0.25	0.2	0.25	0.2	0.25	0.2	0.25	0.25	0.3	0.25	0.3	0.3	0.35	0.35	0.35	0.4			
Angular	± (degree)		1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1.5	1.5	1.5			
Axial spring stiffness (N/mm)		C _a	25	15	50	30	72	48	48	32	82	52	90	60	105	71	70	48	100	320	565			
Lateral spring stiffness(N/mm)		C _r	475	137	900	270	1,200	420	920	290	1,550	435	2,040	610	3,750	1,050	2,500	840	2,000	3,600	6,070			