

WITH SPLIT CLAMPING HUB

0.5 - 10 Nm

PROPERTIES

FEATURES

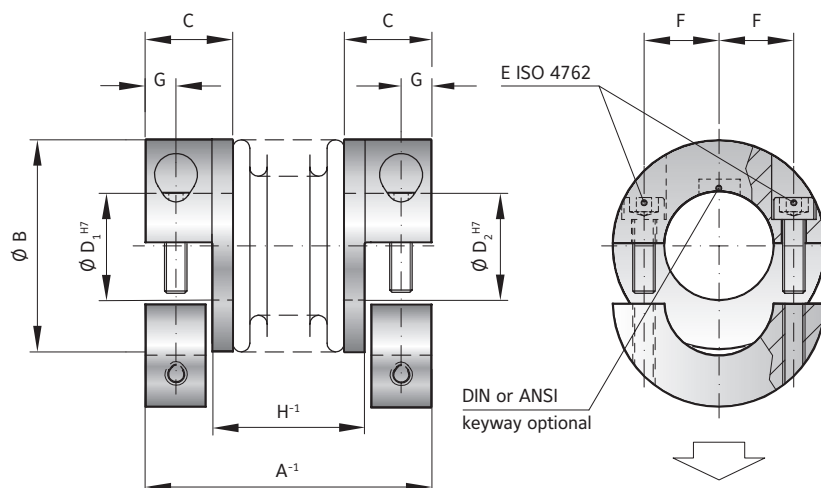
- ▶ mounts laterally
- ▶ allows for pre-alignment of shafts
- ▶ light weight and low moment of inertia

DESIGN

Two fully split clamping hubs, with two screws in each, concentrically mounted to flexible bellows.

MATERIAL

- ▶ **Bellows:** high grade stainless steel
- ▶ **Hubs:** aluminium



MODEL MKH

SIZE	5			10			15			20			45		100		
Rated torque (Nm)	T_{KN}	0.5			1.0			1.5			2.0			4.5		10	
Overall length (mm)	A^{-1}	25	28	31	27	30	33	30	35	35	40	44	46	54	50	60	
Outside diameter (mm)	B	15			15			19			25			32		40	
Fit length (mm)	C	9			9			11			13			16		16	
Inside diameter possible from Ø to Ø H7 (mm)	$D_{1/2}$	3-7			3-7			3-8			3-12.7			5-16		5-24	
Fastening screw ISO 4762	E	M2			M2			M2.5			M3			M4		M4	
Tightening torque of the fastening screw (Nm)		0.43			0.43			0.85			2.3			4		4.5	
Distance between centerlines (mm)	F	4.5			4.5			6			8			10		15	
Distance (mm)	G	3			3			3.5			4			5		5	
Distance (H)	H^{-1}	12	15	18	14	17	20	14.5	19.5	17	22	26	23.5	31.5	27.5	37.5	
Moment of inertia (gcm^2)	J_{RES}	2.6	2.8	3	3	3.4	3.6	8.5	9.5	25	27	29	100	108	160	205	
Approximate weight (g)		9	9	9	9	10	11	22	24	36	38	40	74	78	120	130	
Torsional stiffness (Nm/rad)	C_T	280	210	170	510	380	320	750	700	1200	1300	1200	7000	5000	9050	8800	
Axial (mm)	Max. values	0.4	0.5	0.6	0.4	0.5	0.6	0.5	0.7	0.5	0.6	0.7	0.7	1	1	1.2	
Lateral (mm)		0.15	0.2	0.25	0.15	0.2	0.25	0.15	0.2	0.15	0.2	0.25	0.2	0.25	0.2	0.3	
Angular (degree)		1	1.5	2	1	1.5	2	1.5	1.5	1.5	1.5	2	1.5	2	1.5	2	

ORDERING EXAMPLE	MKH	20	35	8	9.53	XX
Model	●					Special designation only (e.g. special bore tolerance).
Size		●				
Overall length mm			●			
Bore D1 H7				●		
Bore D2 H7					●	
For custom features place an XX at the end of the part number and describe the special requirements (e.g. MKH / 20 / 35 / 8 / 9.53 / XX; XX=finely balanced for 25,000 rpm)						