MKH

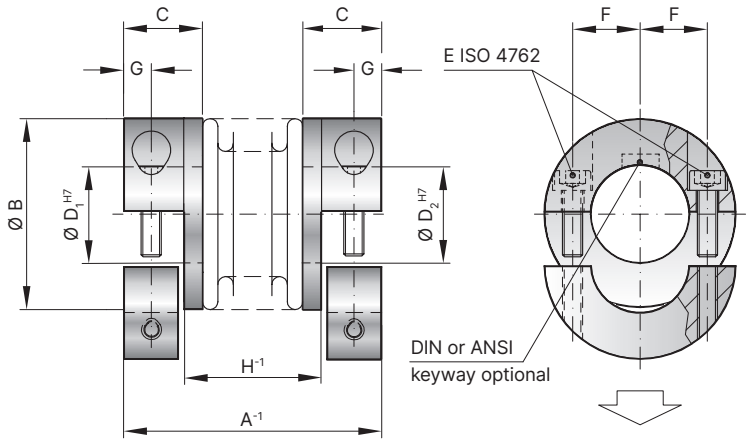
With split clamping hub

0.5 – 10 Nm

Features
- Mounts laterally
- Allows for pre-alignment of shafts
- Light weight and low moment of inertia

Material
- **Bellows:** high grade stainless steel
- **Hubs:** aluminum

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



Position of the PFN indicated / symbolic representation only.
Exact position of the PFN available upon request.

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_{ges}	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	1,200	1,300	1,200	7,000	5,000	9,050	8,800
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

* Weight corresponds to the standard version with the smallest bore and the maximum overall length.

Ordering example	MKH	20	35	8	10	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)