

MKH

WITH FULLY SPLIT CLAMPING HUB

0.5 - 10 Nm

ABOUT



FEATURES

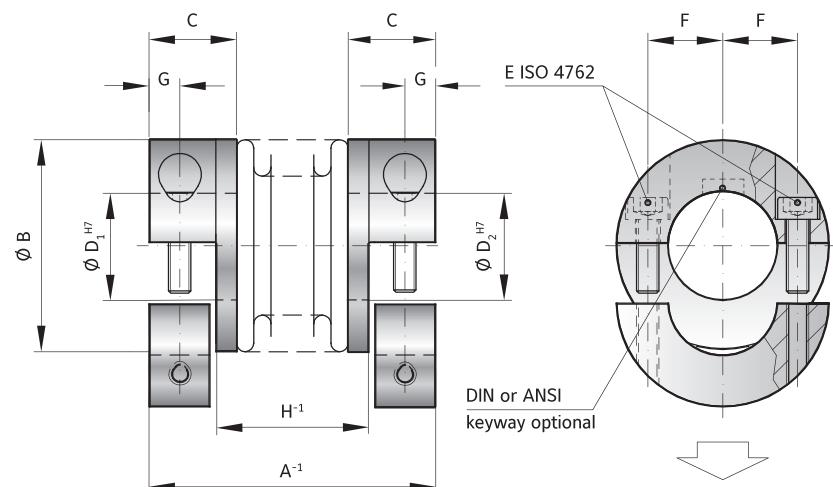
- mounts laterally
- allows for pre-alignment of shafts
- light weight and low moment of inertia

MATERIAL

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

DESIGN

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



MODEL MKH

SIZE	5	10	15	20	45	100
Rated torque (Nm)	T _{KN}	0.5	1.0	1.5	2.0	4.5
Overall length (mm)	A ⁻¹	25 28 31	27 30 33	30 35	35 40 44	46 54
Outside diameter (mm)	B	15	15	19	25	32
Fit length (mm)	C	9	9	11	13	16
Inside diameter possible from Ø to Ø H7 (mm)	D _{1/2}	3-7	3-7	3-8	3-12.7	5-16
Fastening screw ISO 4762	E	M2	M2	M2.5	M3	M4
Tightening torque of the fastening screw (Nm)		0.43	0.43	0.85	2.3	4
Distance between centerlines (mm)	F	4.5	4.5	6	8	10
Distance (mm)	G	3	3	3.5	4	5
Distance (H) (mm)	H ⁻¹	12 15 18	14 17 20	14.5 19.5	17 22 26	23.5 31.5
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
Approximate weight (g)		9 9 9	9 10 11	22 24	36 38 40	74 78 120
Torsional stiffness (Nm/rad)	C _T	280 210 170	510 380 320	750 700	1200 1300	1200 7000 5000
Axial (mm)		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
Lateral (mm)	Max. values	0.15 0.2 0.25	0.15 0.2 0.25	0.15 0.2	0.15 0.2 0.25	0.25 0.2 0.3
Angular (degree)		1 1.5 2	1 1.5 2	1.5 1.5	2 1.5	2 1.5 2

ORDERING EXAMPLE	MKH	20	35	8	9.53	XX
Model	●					
Size		●				
Overall length mm			●			
Bore D1 H7				●		
Bore D2 H7					●	
Special designation only (e.g. special bore tolerance).						
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)						