

ABOUT

FEATURES

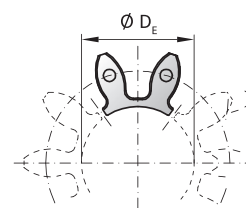
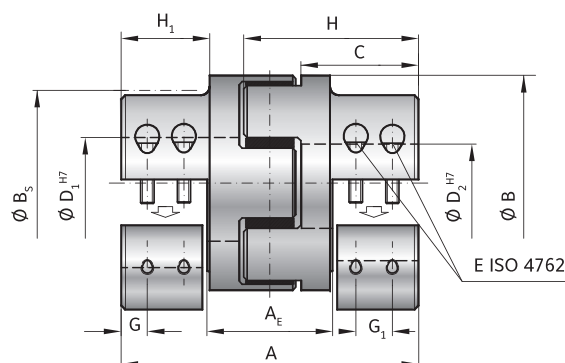
- ▶ lateral mounting
- ▶ easy installation and removal
- ▶ allows for pre-alignment of shafts

MATERIAL

- ▶ **Hubs:** GGG 40
- ▶ **Elastomer:** wear resistant thermally stable TPU

DESIGN

Two concentrically machined, fully split hubs with curved jaws and clamping screws. 5x elastomer segments press fit for zero backlash; standard versions are electrically isolating.



elastomer insert type A / B

MODEL EKH

SIZE	2500		4500		9500		
	A	B	A	B	A	B	
Type (Elastomer insert)							
Rated torque (Nm)	T_{KN} 1950	2450	5000	6200	10000	12500	
Max. torque* (Nm)	T_{Kmax} 3900	4900	10000	12400	20000	25000	
Overall length (mm)	A	213	272		341		
Length of center section (mm)	A_E	78	104		131		
Outside diameter (mm)	B	160	225		290		
Outside diameter with screw head (mm)	B_S	156	190		243		
Mounting length (mm)	C	85	110		140		
Inside diameter range H7 (mm)	$D_{1/2}$	35 - 90	40 - 120		50 - 140		
Inside diameter of elastomer (mm)	D_E	80	111		145		
Clamping screw (ISO 4762)		8 x M16	8 x M20		8 x M24		
Tightening torque of the clamping screw (Nm)	E	300	600		1100		
Distance between centers (mm)	F	57	72.5		90		
Distance (mm)	G/G_1	36	24 / 34		30 / 48		
Hub length (mm)	H/H_1	120 / 69	154 / 80		193 / 110		
Moment of inertia per hub (10^{-3} kgm^2)	J_1/J_2	40	147		480		
Approx. weight (kg)		12.5	25		53		
Speed standard (min^{-1})		3,000	3,500		2,000		
Speed balanced (10^3 min^{-1})		10	10	8	8	6.5	6.5

For information on shaft misalignment, torsional stiffness, and other details about the elastomer inserts see pages 66 + 67.

* Maximum transmittable torque of the clamping hub depends on the bore diameter see page 70.

ORDERING EXAMPLE	EKL EK2 EKH	60	A	12.7	24	XX
Model	●					
Size		●				
Elastomer insert type			●			
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. EKH / 60 / A / 12.7 / 24 / XX; XX=anodized aluminum)						