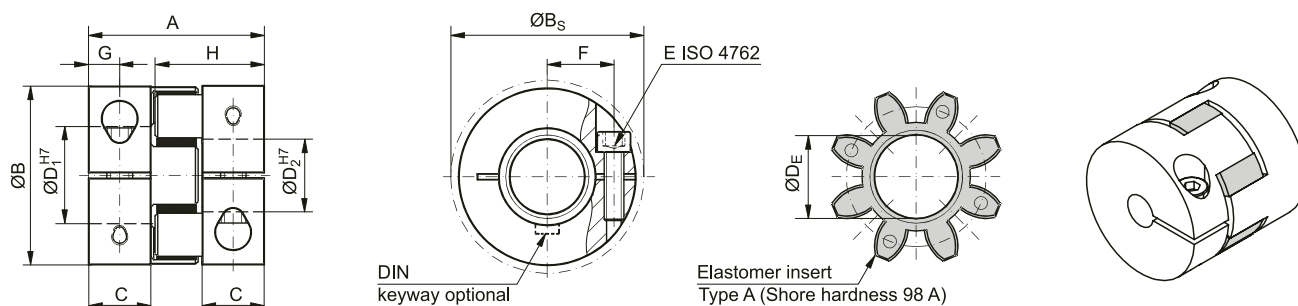


COUPLINGS



Technical data and dimensions

EKL			2	5	10
Rated torque	[Nm]	T_{KN}	2	9	12,5
Maximum torque ¹	[Nm]	T_{MAX}	4	18	25
Overall length	[mm]	A	20	26	32
Outside diameter	[mm]	B	16	25	32
Outside diameter with the screw head	[mm]	BS	17	25	32
Mounting length	[mm]	C	6	8	10,3
Inside diameter (H7)	[mm]	D_1, D_2	3-8	4-12,7	4-16
Inside diameter of the elastomer	[mm]	D_E	6,2	10,2	14,2
Clamping screw (ISO 4752)		E	M2	M3	M4
Tightening torque of the clamping screw	[Nm]		0,6	2	4
Distance between the centerlines	[mm]	F	5,5	8	10,5
Distance	[mm]	G	3	4	5
Hub length	[mm]	H	12	16,7	20,7
Moment of inertia per hub	$[10^{-3} \text{ kg cm}^2]$	J_1, J_2	0,003	0,02	0,03
Approximate weight	[kg]		0,008	0,02	0,05
Speed standard	$[\text{min}^{-1}]$		15000	15000	13000

¹ Maximum transmittable torque of the clamping hub depends on the bore diameter.

Maximum transmittable and drive torque $M_{p, c}$ [Nm] depends on the bore diameter [mm]

EKL	Ø3	Ø4	Ø5	Ø6,35	Ø8	Ø10	Ø12,7	Ø14	Ø16
2	0,2	0,8	1,5	2	2,5	–	–	–	–
5	–	1,5	2	4,5	8	8	10	–	–
10	–	3,5	4	7	12	13	14	16	20

Maximum transmittable and drive torque $M_{p, c}$ [Nm] limited to the size of the MGBS/MGTB unit

EKL	MGBS			MGTB		
	32	45	60	32	45	60
2	0,40	–	–	0,68	–	–
5	–	1,23	–	–	0,85	–
10	–	–	1,95	–	–	1,61

How to order

COUPLING	–	EKL5	–	A	–	F5	–	F6PFN
Coupling		Coupling type/size: – 2 – 5 – 10		Elastomer insert type: – A		Hole diameter [mm]		Option: – PFN: with keyway – Leave blank: without keyway