Couplings

Dimension in mm.

The maximum transmittable torque of the clamping hub depends on the bore diameter.

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

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

Designation	Ø3	Ø4	Ø5	Ø8	Ø10	Ø12,7
EKL 2	0,2	0,8	1,5	2,5	-	-
EKL 5	-	1,5	2	8	8	10

Maximum transmittable and drive torque $M_{a,c}$ [Nm] limited to the size of the MCE/MSCE

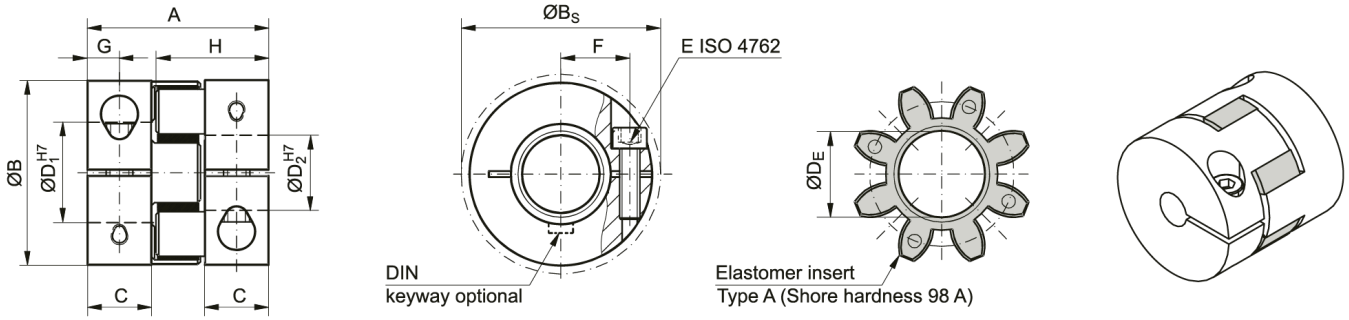
Designation	MCE/MSCE		
	25	32	45
EKL 2	0,1	0,53	-
EKL 5	-	-	1,23

General Data

Designation	Compatible with	Moment of inertia per hub (10^{-3} kg m²)	Speed standard (min^{-1})	Max. Torque (Nm)	Rated Torque (Nm)
EKL 2	MCE/MSCE series	0.0003	15000	4	2
EKL 5	MCE/MSCE 45	0.002	15000	18	9

Designation	Tightening Torque of the Clamping Screw (Nm)	Weight (kg)
EKL 2	0.6	≈ 0.008
EKL 5	2	≈ 0.02

Dimensions



Designation	A	B	D1	D2	E	F	G	C	H
EKL 2	20	16	3	8	M2	5.5	3	6	12
EKL 5	26	25	4	12.7	M3	8	4	8	16.7

Designation	BS	DE	Permissible bore diameters
EKL 2	17	6.2	3 / 4 / 5 / 8
EKL 5	25	10.2	4 / 5 / 8 / 10 / 12.7

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.