

Couplings

Dimension in mm.

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



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

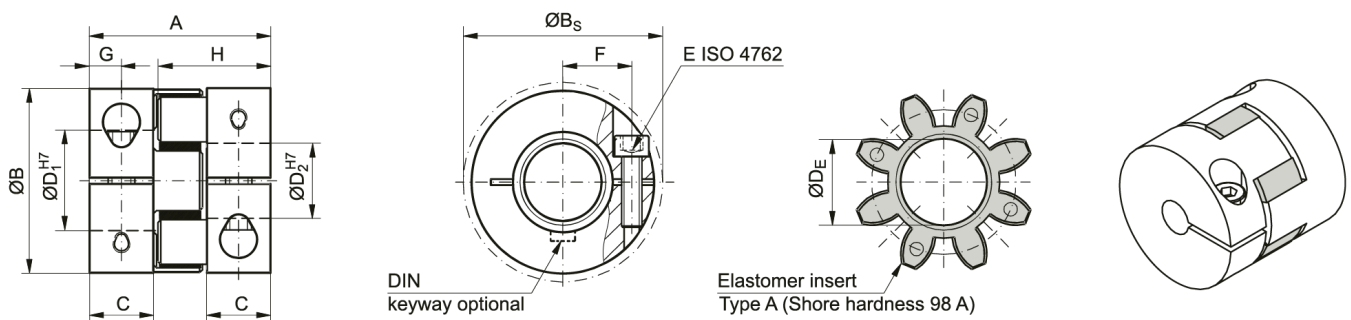
| Designation | MCE/MSCE | | |
|-------------|----------|------|------|
| | 25 | 32 | 45 |
| EKL 2 | 0,1 | 0,53 | - |
| EKL 5 | - | - | 1,23 |

General Data

| Designation | Compatible with | Moment of inertia per hub (10^{-3} kg m ²) | 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 |