# Couplings

For Mini Linear Units MGBS & MGTB.

Dimensions in mm.



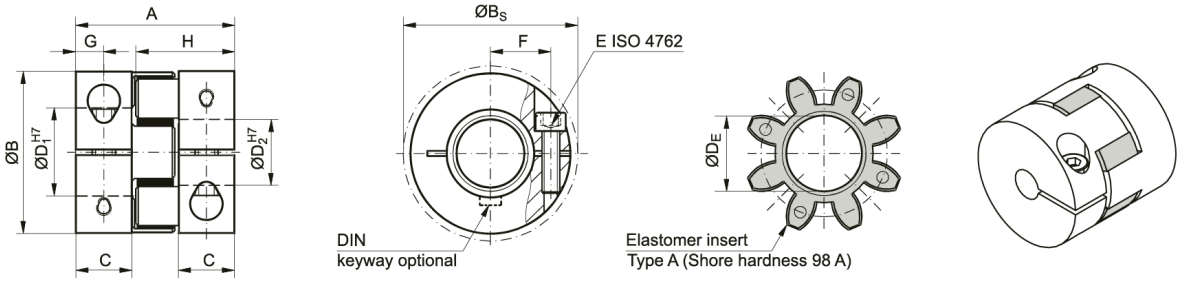

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

# General Data

| Designation | Compatible with | Rated Torque (Nm) | Max. Torque (Nm) | Tightening Torque of the Clamping Screw (Nm) | Moment of inertia per hub ($10^{-3}$ kg m²) |
|---|---|---|---|---|---|
| **EKL 2** | VK 32 | 2 | 4 | 0.6 | 0.003 |
| **EKL 5** | VK 45 | 9 | 18 | 2 | 0.02 |
| **EKL 10** | VK 60 | 12.5 | 25 | 4 | 0.03 |

| Designation | Weight (kg) | Speed standard ($min^{-1}$) |
|---|---|---|
| **EKL 2** | 0.008 | 15000 |
| **EKL 5** | 0.02 | 15000 |
| **EKL 10** | 0.05 | 13000 |

# Dimensions




| Designation | A | B | BS | C | D1 | D2 | DE | E | F |
|---|---|---|---|---|---|---|---|---|---|
| **EKL 2** | 20 | 16 | 17 | 6 | 3 | 8 | 6.2 | M2 | 5.5 |
| **EKL 5** | 26 | 25 | 25 | 8 | 4 | 12.7 | 10.2 | M3 | 8 |
| **EKL 10** | 32 | 32 | 32 | 10.3 | 4 | 16 | 14.2 | M4 | 10.5 |

| Designation | G | H | Permissible bore diameters |
|---|---|---|---|
| **EKL 2** | 3 | 12 | 3 / 4 / 5 / 6.35 / 8 |
| **EKL 5** | 4 | 16.7 | 4 / 5 / 6.35 / 8 / 10 / 12.7 |
| **EKL 10** | 5 | 20.7 | 4 / 5 / 6.35 / 8 / 10 / 12.7 / 14 / 16 |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