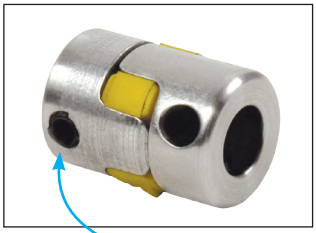
# EKGS

## Servo insert coupling
## Torque range: 0.5 to 35 Nm

- ***Elastic backlash free coupling***
- *Reliable torque transmission*
- *Maintenance free*
- *Low inertia/size*
- *Easy to assembly, even in confined spaces*
- *Reduces vibration*
- *Materials:*
  *Body: Aluminium*
  *Spider: Polyurethane 92 Shore A (Yellow)*




## Applications

- *Metrology, control systems, driving, machine tools, driving lead screws*

**Torque (Nm) transmissible for hub secured using set screws**

| Bore size | Ø3 | Ø4 | Ø5 | Ø6 | Ø7 | Ø8 | Ø9 | Ø10 | Ø11 | Ø12 | Ø13 | Ø14 | Ø15 | Ø16 | Ø17 | Ø18 | Ø20 | Ø22 | Ø24 | Ø28 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EKGS-5 | 0,5 | 0,5 | 0,5 | | | | | | | | | | | | | | | | | |
| EKGS-7 | 1,2 | 1,2 | 1,2 | 1,2 | 1,2 | 1,2 | | | | | | | | | | | | | | |
| EKGS-9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | |
| EKGS-14 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | | | | | | |
| EKGS-19 | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| EKGS-24 | | | | | | 20 | 22 | 24 | 26 | 29 | 31 | 34 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |

| Part number | Transmissible nominal (Nm) | Tightened torque (Nm) | Max speed (rpm) | Moment of inertia ($10^{-6}$ kgm$^2$) | Misalignment axial (Nm) | radial (Nm) | angular |
|---|---|---|---|---|---|---|---|
| EKGS-5 | 0,5 | 1,3 | 47500 | 0,034 | -0,2/+0,4 | 0,06 | 1° |
| EKGS-7 | 1,2 | 1,3 | 34000 | 0,196 | -0,3/+0,6 | 0,10 | 1° |
| EKGS-9 | 3 | 3 | 24000 | 1,08 | -0,4/+0,8 | 0,13 | 1° |
| EKGS-14 | 7,5 | 6 | 16000 | 5,7 | -0,5/+1,0 | 0,15 | 1° |
| EKGS-19 | 10 | 6 | 12000 | 36 | -0,5/+1,2 | 0,10 | 1° |
| EKGS-24 | 35 | 6 | 8500 | 162 | -0,5/+1,4 | 0,14 | 1° |

*Dimensions in mm*

## Characteristics

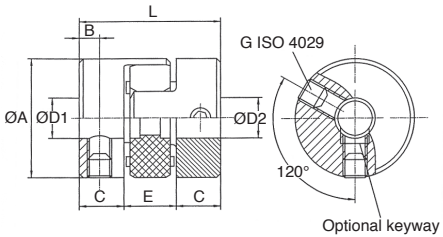
- Hardwearing
- Fixed using set screws
- Couplings are mounted pre-tensioned
- Shaft tolerance should be g6 or h7
- Contact surfaces should be free of grease

## Bore

- Choose ØD1 and ØD2from the ranges shown

## Option

- Keyway according to DIN6885-1




## DISCOUNTS

| Qty | 1+ | 5+ | 10+ | 25+ |
|---|---|---|---|---|
| Disc. | List | -4% | -8% | On request |

| Part number | L | ØA | E | ØD1/ ØD2 No keyway | ØD1/ ØD2 with keyway | C | B | G | Weight (g) | Price each 1 to 4 No keyway | with keyway |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EKGS-5 | 15 | 10 | 5 | 2-5 | - | 5 | 2,5 | 1xM3 | 5 | 36,50 € | - |
| EKGS-7 | 22 | 14 | 8 | 3-8 | 6-8 | 7 | 2,5 | 1xM3 | 9 | 37,98 € | 64,26 € |
| EKGS-9 | 30 | 20 | 10 | 3-12 | 6-10 | 10 | 5 | 2xM4 | 17 | 39,42 € | 65,70 € |
| EKGS-14 | 35 | 30 | 13 | 4-16 | 6-16 | 11 | 5 | 2xM6 | 41 | 49,64 € | 75,93 € |
| EKGS-19 | 66 | 40 | 16 | 6-24 | 6-24 | 25 | 10 | 2xM6 | 138 | 62,80 € | 89,08 € |
| EKGS-24 | 78 | 55 | 18 | 8-35 | 8-35 | 30 | 10 | 2xM6 | 282 | 78,84 € | 105,14 € |

*Dimensions in mm*

# Altri prodotti...



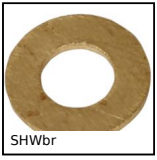

Supporto per sensore Ø18 e Ø20, ø18 e ø20




Giunto elastico Uneflex®, economica




Chiusura 1/4 di giro per agroalimentare, Chiave




Rondella semplice - DIN125, Ottone




Staffa di montaggio per molla a gas, Staffa di montaggio piana per s...



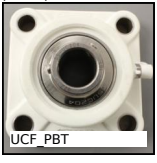

Unità di guida tipo H, Per martinetti Ø 40




Terminale rapido per cavi, A occhio




Guida lineare a sfere - Sfere inox, Carello - da 514 N a 16700 N




Cuscinetto a flangia quadrata polimero inox, Polimero e inox




Cerniera ad avvitare, Sfilabile




Sistema di chiusura, Fermporta magnetico




Motoriduttore DC 12V e 24V DC, da 0.1 a 2 Nm

## Prodotti correlati




Giunto senza gioco Gerwah®, da 12.5 a 525Nm




Giunto senza gioco Gerwah®, da 0.5 a 3Nm