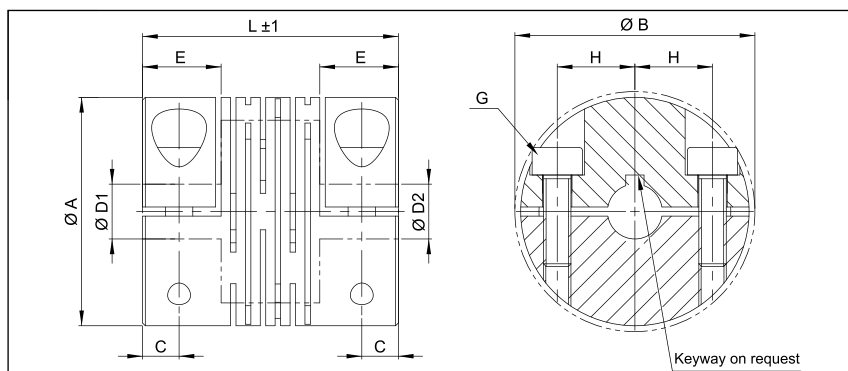


Slit Coupling  
with split hubs

# KBFH



### Order Code

**KBFK / 30 - 8 - 12 - AL**

Type / Size

ØD1(H7)

ØD2 (H7)

Material

### Order Code Pilot Bored

**KBFK / 30 - P - P - AL**

Type / Size

ØD1

ØD2

Material

### Order Code with Keyway

**KBFK / 30 - N6 - N6 - AL**

Type / Size

ØD1 (H7)

ØD2 (H7)

Material

| Size | Torque<br>TKN<br>(Nm)<br>AL | Torque<br>TKN<br>(Nm)<br>VA | Dimensions (mm) |     |                              |      |      |      |      |                               | Technical Data    |                   |                                         |                                         |                                       |                                       |                       |                      |                       |                       |
|------|-----------------------------|-----------------------------|-----------------|-----|------------------------------|------|------|------|------|-------------------------------|-------------------|-------------------|-----------------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|-----------------------|----------------------|-----------------------|-----------------------|
|      |                             |                             | L               | Ø A | Ø D1/D2                      | E    | H    | C    | Ø B  | G                             | Mass<br>(g)<br>AL | Mass<br>(g)<br>VA | Moment<br>of Intertia<br>J AL<br>(g m²) | Moment<br>of Intertia<br>J VA<br>(g m²) | Spring Stiffness                      |                                       | Misalignment          |                      |                       | max<br>speed<br>min-1 |
|      |                             |                             | Length          |     | Bore Size<br>(H7)<br>min~max |      |      |      |      | Screw<br>(ISO4762)<br>TA (Nm) |                   |                   |                                         |                                         | torsional<br>CT 10³<br>(Nm/rad)<br>AL | torsional<br>CT 10³<br>(Nm/rad)<br>VA | radial<br>ΔKr<br>(mm) | axial<br>ΔKa<br>(mm) | angular<br>ΔKw<br>(°) |                       |
| 25   | 7                           | 16                          | 28              | 25  | 6-12<br>3.5*                 | 8.6  | 8.5  | 4    | 25.5 | M3x10<br>1.5                  | 27                | 74                | 0.00228                                 | 0.00631                                 | 0.733                                 | 1.558                                 | 0.1                   | 1                    | 1.0                   | 8000                  |
| 30   | 10                          | 25                          | 40              | 30  | 6-14<br>5.5*                 | 12   | 10.5 | 5.5  | 31.5 | M4x10<br>3.4                  | 55                | 160               | 0.00680                                 | 0.01860                                 | 0.868                                 | 2.530                                 | 0.1                   | 0.85                 | 1.0                   | 6000                  |
| 40   | 19                          | 36                          | 48              | 40  | 6-19<br>5.5*                 | 12   | 14   | 5.5  | 41   | M5x14<br>7                    | 118               | 340               | 0.02790                                 | 0.07580                                 | 3.767                                 | 11.008                                | 0.15                  | 0.85                 | 1.0                   | 5000                  |
| 50   | 35                          | 73                          | 65              | 50  | 10-26<br>9.5*                | 20.7 | 17   | 9.5  | 51   | M6x16<br>14                   | 250               | 685               | 0.08970                                 | 0.24600                                 | 7.196                                 | 20.995                                | 0.15                  | 0.7                  | 1.5                   | 5000                  |
| 60   | 70                          | 110                         | 80              | 60  | 10-30<br>9.5*                | 26.6 | 22   | 12.5 | 63   | M8x18<br>27                   | 500               | 1305              | 0.25370                                 | 0.69400                                 | 12.750                                | 37.165                                | 0.15                  | 0.7                  | 1.5                   | 4500                  |
| 70   | 130                         | 190                         | 95              | 70  | 15-35<br>14.5*               | 27   | 25   | 12.5 | X    | M8x25<br>27                   | 750               | 2075              | 0.50660                                 | 1.40700                                 | 66.768                                | 196.024                               | 0.1                   | 0.33                 | 1.0                   | 4000                  |
| 80   | 180                         | 240                         | 100             | 80  | 20-40<br>19.5*               | 27   | 29   | 12.5 | 80.5 | M8x30<br>27                   | 1040              | 2755              | 0.96240                                 | 2.62000                                 | 78.189                                | 229.524                               | 0.1                   | 0.33                 | 1.0                   | 3500                  |

#### Material

coupling: aluminium or stainless steel

#### Hub

bore tolerance: H7

#### Keyway

optional acc. DIN 6885

Special material on request.