

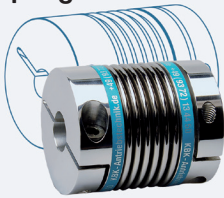


It's all about
your **drive.**



Customized solutions and special dimensions can be produced on request. We do supply all products shown in our catalogues in stainless steel or nickel-plated as well. We will be pleased to support you with the selection and sizing of our products.

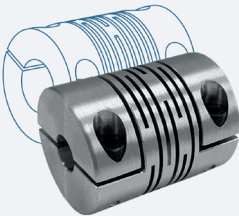
Metal Bellows Couplings



Metal bellows couplings are the first choice for all applications that require high dynamic positioning - the classic application in servo drives. They are characterized by an absolutely backlash-free function and high torsional stiffness.

Shaft diameter: 1 – 90 mm
Torque range: 0,05 – 5000 Nm

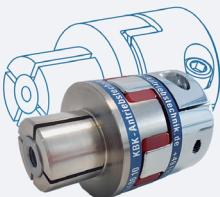
Slit Couplings



Due to their unique slit structure with different angular positions the design, also known as sliced couplings, can compensate possible shaft misalignments and transmit relatively high torques at compact dimensions.

Shaft diameter: 3 – 40 mm
Torque range: 3 – 240 Nm

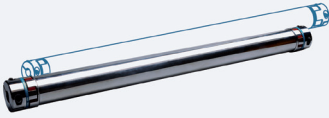
Elastomer Couplings



Elastomer couplings are the durable solution for positioning applications, wherever high torques must be transmitted in compact installation spaces.

Shaft diameter: 2 – 74 mm
Torque range: 0,5 – 825 Nm

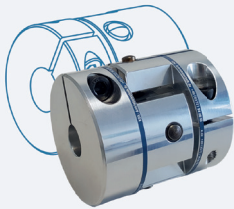
Line Shafts



With KBK line shafts high distances between shaft ends are no longer a problem. These line shafts are precisely manufactured with an accuracy of one millimeter according to the requested length.

Shaft diameter: 6 – 65 mm
Torque range: 4,5 – 525 Nm

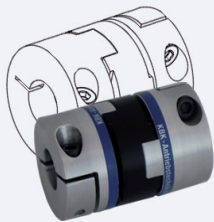
Cardan Couplings



The backlash of the coupling is reduced to a minimum and thus allows positioning applications. The possibility to compensate high misalignment at minimum restoring forces in compact installation spaces turns our cardan couplings into a special problem solver.

Shaft diameter: 3 – 55 mm
Torque range: 2 – 580 Nm

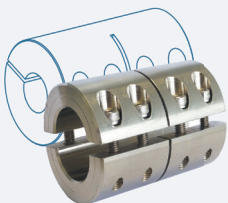
Oldham Couplings



The three-piece designed couplings, most likely known as Oldham couplings, are well suited for being used in small servo drives and wherever radial shaft misalignment needs to be compensated.

Shaft diameter: 3 – 25 mm
Torque range: 0.9 – 20 Nm

Rigid Shaft Couplings



Rigid couplings are small, compact power packs to transfer high torques at a minimum of available space.

Shaft diameter: 5 – 104 mm
Torque range: 25 – 12500 Nm

Safety Couplings



Our safety/overload couplings are based on the ball-in-detent principle and they are absolutely backlash free due to the KBK-specific arrangement of the balls as locking elements.

Shaft diameter: 3 – 70 mm
Torque range: 0,2 – 1400 Nm

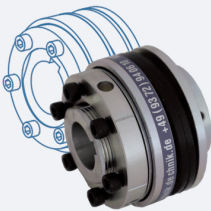
Magnetic Couplings



For the permanent protection against frequent overload, our magnetic couplings are the right choice. They work absolutely wear free and for that reason they are of fatigue strength and maintenance-free.

Shaft diameter: 3 – 44 mm
Torque range: 0,1 – 60 Nm

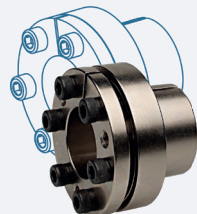
Friction Clutch



Collars can be used to fix components on solid shafts as well as for transmitting torque on hollow shafts. For fixing components axially they are mainly used in applications where the shaft hub connection is not realized by locking devices, but by using keyways or splines.

Shaft diameter: 3.7 – 120 mm
Torque range: 0.5– 6800 Nm

Locking Devices



Easy and quick assembly as well as high availability at reasonable prices are good reasons for the use of locking devices, shrink discs or locking elements by KBK.

Shaft diameter: 4 – 495 mm
Torque range: 2,4 – 61000 Nm

Collars

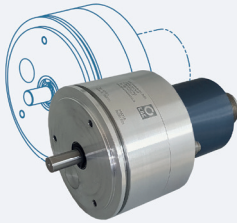


Collars can be used to fix components on solid shafts as well as for transmitting torque on hollow shafts.

Shaft diameter: 4 – 50 mm

Axial force: 867 – 14560 N

Measuring Gearbox



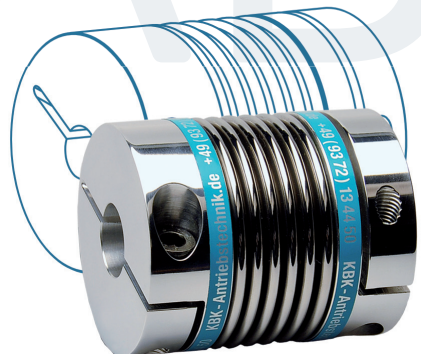
Each gearbox is individually designed according to the requested transmission. It is integrated in existing housings and connecting components to work as standardized and cost-efficiently as possible.

Ratio according customer's request

Backlash-free execution

individual & perfect fit

CAD-files for our products can be configured and downloaded easily on the separate product pages on our website free of charge. The complete CAD-catalogue of available KBK products can be found on our partnersite from CADENAS.



The perfect solution for your drive!

Using our modular system we can offer a very wide range of technical high quality products at competitive prices. Short delivery times are as fundamental as our compliance with highest quality management standards.

Successful since 2003

Our products are based on the experience of more than 30 years in developing and producing shaft-hub-connections and backlash-free couplings combined with professional advice, service and professional competence. Our sophisticated modular design forms the basis for top quality products at reasonable prices. It enables us to produce almost all elastomer-, metal bellows-, safety couplings and line shafts as well as locking devices from the standard range within two hours, provide them with customized bores and organize a direct delivery to you by courier. Our traffic-favourable position on the edge of the Rhine-Main area simplifies the delivery to our customers all over the world.

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