

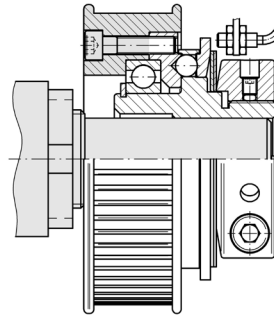
Safety Couplings I *for indirect drives*

- ✓ for the attachment of toothed belt pulleys, gear wheels, chain wheels, flanges, and so on
- ✓ with integrated ball bearing or sliding bearing - for optimal constructional adjustment
- ✓ frictional shaft-hub-connection with conical clamping bush or conical clamping ring or keyway

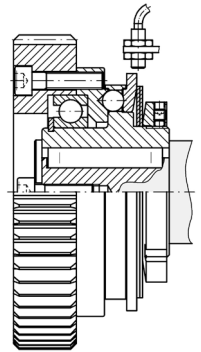
For overload limitation or as collision protection for indirect drives, JAKOB offers the SKB, SKW and SKR series with integrated ball bearings or with integrated slide bearings in the standard range. Toothed belt pulleys, gears or other attachments with a concentricity or axial runout accuracy of a few hundredths of a millimeter can be attached to the respective coupling flange rings. In normal operation, the bearings have the task of absorbing the lateral and axial forces and passing them on to the input or output shaft. By means of a conical clamping ring (SKR-K) or a clamping ring hub (SKB), the set torque is transmitted from the shaft to the clutch hub absolutely backlash-free and friction-locked. If a feather key connection between shaft and hub is sufficient, the inexpensive type SKW can be used. While the SKB and SKW couplings are suitable for normal and large discs and pinions due to the pitch circle diameter of the fastening threads, the SKR series is designed for add-on elements with a large width or small diameter. With the SKR series, extremely compact design solutions are possible thanks to the integrated plain bearing, and the forces are introduced almost centrally to the bearing. Since the clamping ring clamping was also arranged on the inside towards the shaft, the SKR coupling is ideal even in very tight spaces with minimized bearing loads on the motor or transmission. Drive shaft.

Other types of safety couplings for indirect drives, e.g. with a release mechanism, are available on request.

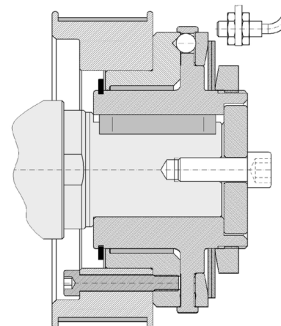
Series SKB



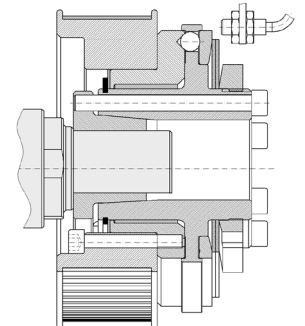
Series SKW



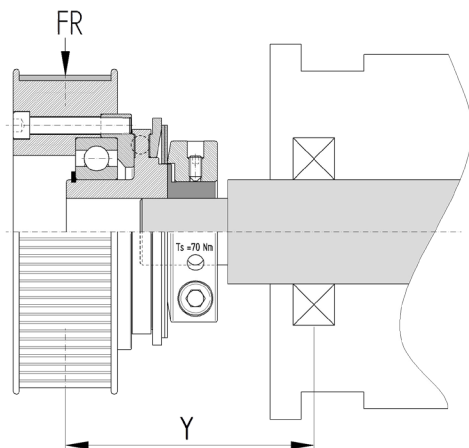
Series SKR-N



Series SKR-K



**Bearing load
Baureihe SKR**



**Bearing load
Baureihe SKB**

