



*Design for Advantage*



Our classic for extreme parallel offset:

The Schmidt-Kupplung® compensates variable parallel shaft offset without side loads in a very compact envelope. The Schmidt-Kupplung® is the ideal precision component for small envelopes and a better alternative to long cardan shafts.



**Francis and Francis Limited**

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## Schmidt-Kupplung®

Our classic, the Schmidt-Kupplung® is a compact, torsionally stiff performance shaft coupling for large, variable parallel shaft offset. Through its modular construction both torque transmission and radial offset capacity can be optimized for each application.

### Proven technology

For 40 years the Schmidt-Kupplung has been successfully used in diverse applications all over the world.



### No Side-Loads

The Schmidt-Kupplung® does not add side loads to the drive.

### Compact

The coupling design of three discs and two sets of links requires very little floor space.

### All metal

The well-balanced dimensions of the components and the large effective radius of the links give the Schmidt-Kupplung® exceptional torsional stiffness.

### Modular

The Schmidt-Kupplung® is available in 3 basic series for various performance levels. There are three different shaft-hub connections available.

### Easy installation

By choosing the appropriate shaft-hub connection, a drop-out installation of the coupling is possible.

### Precise

Torque is transmitted exclusively via compression and tension by the coupling links. This well balanced system transmits torque without adding side loads to the drive.

## Standard S series

A symbiosis of performance, compact design and generous misalignment capacity.

### Torque ( $T_{KN}$ )

up to 2,875 Nm

### Maximum radial misalignment capacity

up to 115 mm

### Bore diameter

up to 110 mm

■ Torque  
■ Envelope  
■ Parallel offset



Standard Size 1



Standard Size 2



Standard Size 3



### **Power Plus** P series

Offers more torque transmission in a compact design when space is limited.

Torque ( $T_{KN}$ )  
up to 6.610 Nm

Maximum radial misalignment capacity  
up to 115 mm

Bore diameter  
up to 125 mm



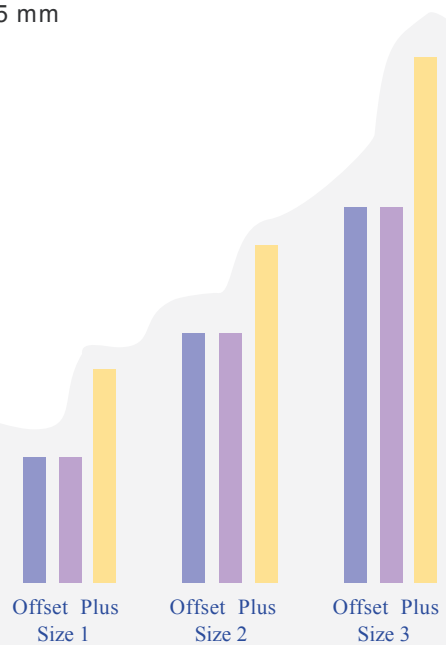
### **Offset Plus** V series

Offers extreme parallel shaft offset while retaining compact design.

Torque ( $T_{KN}$ )  
up to 3.830 Nm

Maximum radial misalignment capacity  
up to 275 mm

Bore diameter  
up to 125 mm



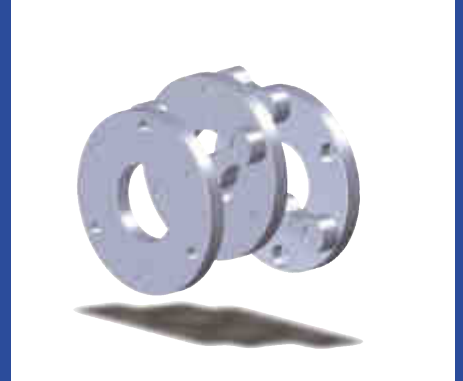
Schmidt-Kupplung®  
Locking-assembly version



Schmidt-Kupplung®  
Standard-hub version



Schmidt-Kupplung®  
Flange-mounting version



SCHMIDT-KUPPLUNG GmbH has always gone that little bit further to meet special customer needs. Customer-specific development still plays a central role for us. Our competent engineers and technicians are specialists in providing application driven advice.

#### Product overview

Our comprehensive product range includes precision couplings for many different applications. Please contact us if you would like assistance selecting a coupling.



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