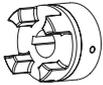


ROTEX® GS

Backlash-free jaw couplings

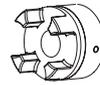
Hub types

Due to the numerous applications of ROTEX® GS for many different mounting situations, this coupling system is available with various hub types. The different hub types can be combined optionally within one size.



Type 1.0 with feather keyway and setscrew

Positive locking power transmission, permissible torque depending on the permissible surface pressure. Not suitable for backlash-free power transmission with heavily reversing operation.



Type 1.1 without keyway, with setscrew

Non-positive torque transmission, suitable for backlash-free transmission of very small torques. (For ATEX category 3 only)



Type 2.0 clamping hub, single slotted, without feather keyway

Frictionally engaged, backlash-free shaft-hub-connection. Transmittable torques depending on bore diameter Type 2.0 up to size 14 as standard. (For ATEX category 3 only)



Type 2.1 clamping hub, single slotted, with feather keyway

Positive locking power transmission with additional frictionally engaged condition. The frictionally engaged condition prevents or reduces reverse backlash, respectively. Surface pressure of the keyway connection is reduced. Type 2.1 up to size 14 as standard.



Type 2.5 Clamping hub double slot, without feather keyway

Frictionally engaged, backlash-free shaft-hub-connection. Transmittable torques depending on bore diameter Type 2.5 from size 19 as standard. (For ATEX category 3 only)



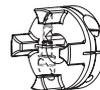
Type 2.6 Clamping hub double slot, with feather keyway

Positive locking power transmission with additional frictionally engaged condition. The frictionally engaged condition prevents or reduces reverse backlash, respectively. Surface pressure of the keyway connection is reduced. Type 2.5 from size 19 as standard.



Type 2.8 short clamping hub C with axial slots without feather keyway

Frictionally engaged, backlash-free shaft-hub-connection, good properties of concentric running. Transmittable torques depending on bore diameter Type 2.8 from size 24 as standard. Size 7-19 type 2.8 single slotted (for ATEX cat. 3 only)



Type 2.9 short clamping hub C with axial slots with feather keyway

Positive locking power transmission with additional frictionally engaged condition. Surface pressure of the keyway connection is reduced. Type 2.9 from size 24 as standard, size 7-19 type 2.9 single slotted.



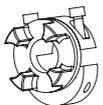
Type 6.0 Clamping ring hub

Integrated frictionally engaged shaft-hub-connection for transmitting higher torques. Screwing on elastomer side. For details about torque and dimensions see page 130/131. Suitable for high speeds.



Type 6.0 P Precision clamping ring hub

Operating principle equal to type 6.0, but highly accurate machining with slight modifications of design, see page 132.



Type Design 7.5 clamping hub type DH without feather keyway for double-cardanic connections

Frictionally engaged, backlash-free shaft-hub-connection for radial assembly of coupling. Transmittable torques depending on bore diameter For torques see page 140.



Type 7.6 clamping hub type DH with feather keyway for double-cardanic connections

Positive shaft-hub connection with additional frictional engagement for the radial assembly of the coupling. The frictional engagement avoids or reduces the reverse backlash. Surface pressure of the keyway connection is reduced.



Type 7.8 clamping hub type H without feather keyway, single-cardanic connection



Type 7.9 clamping hub type H with feather keyway for single-cardanic connection



Type 4.2 with CLAMPEX® KTR 250

Frictionally engaged shaft-hub-connection to transmit high torques with clamping screws externally



Type 9.0 expansion hub

Frictionally engaged connection for hollow shaft. Transmittable torques depend on the bore diameter and the hollow shaft.

Special designs on request of customers



Type 6.5 Clamping ring hub

Design equal to 6.0, but clamping screws on the outside. As an example for radial disassembly of intermediate pipe (special design).