

Description of function

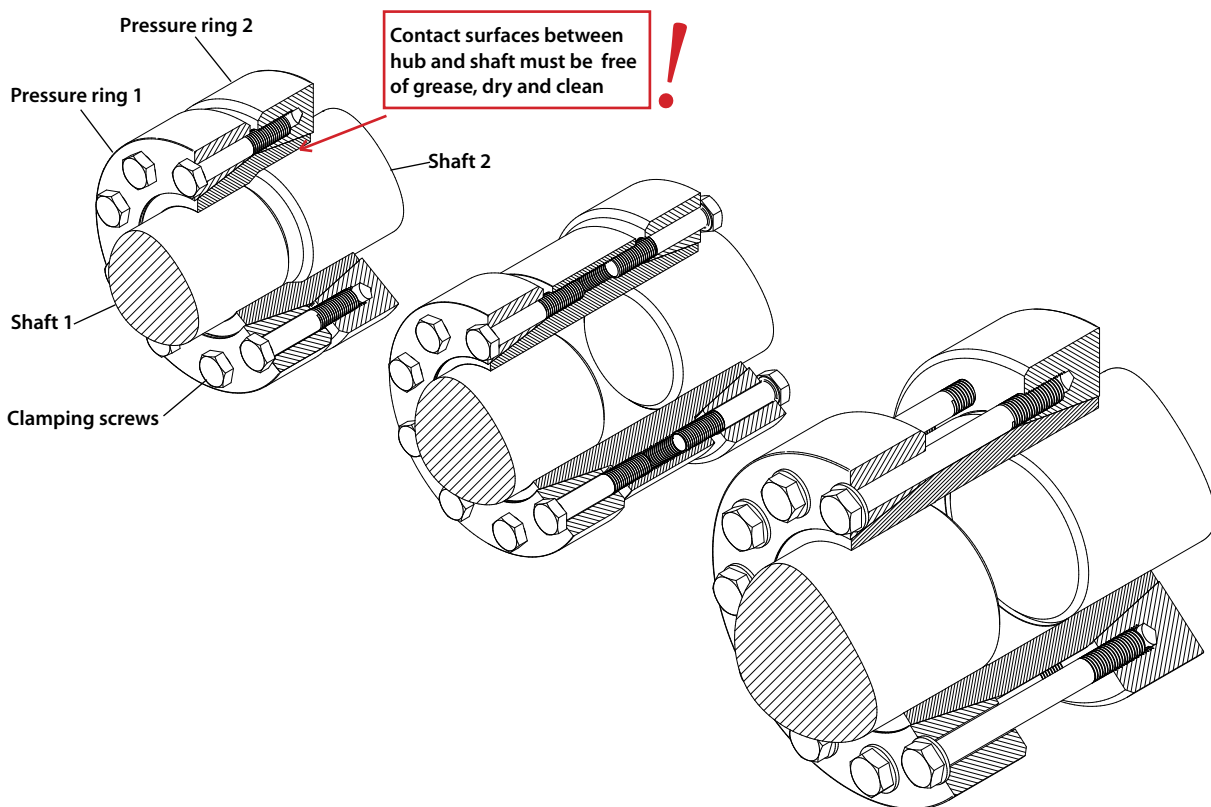
Rigid Shaft Coupling

The main function of the rigid shaft coupling is the safe and backlash-free connection of two shafts by means of friction. For example between a drive shaft and driven shaft and mainly to transmit torque. Shaft couplings consist of a connecting sleeve and two external clamping systems. They are not separable like flange coupling. The external clamping systems generate a backlash-free connection by pressing the connecting sleeve onto the shaft ends.

The external clamping system does not transmit any torque or moments between the shaft ends, they just provide the necessary clamping forces. Those external clamping systems are not part of the flow of forces, but the connecting sleeve is.

The couplings have to be installed by moving them onto the shaft ends followed by tightening of the external clamping systems via bolting. To achieve proper operation and a sufficiently high coefficient of friction, the contact surfaces at the shaft extensions must be free of grease, dry and clean.

Our rigid shaft couplings are supplied ready for installation. The functional surfaces of the external clamping systems, threads and head rests of the screws are provided with lubricant at the factory.



Product data

A detailed installation manual is available on the Internet.
(www.tas-schaefer.de)

- Contact us if a data sheet for an individual product is required.
- For CAD data of couplings, contact us directly, please. We provide them only upon request. unter www.traceparts.com zu.