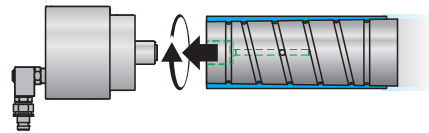
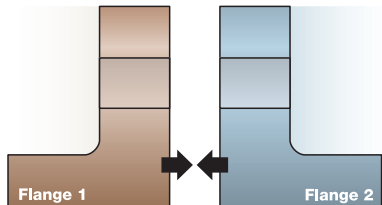


# GripCon (Assembly)

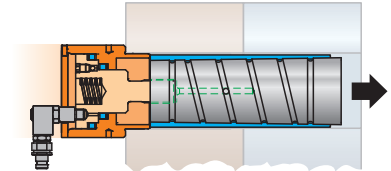
Grip = to take hold = frictional connection for axial loads  
Con = Connection = radial expansion = 100 % formfit in the flange bore

- ➡ = High pressure hydraulic system with high pressure pump and high pressure hose
- ➡ = Pressure relief
- ➡ = Forces
- ➡ = Motion

## 1. Position flanges and insert GripCon



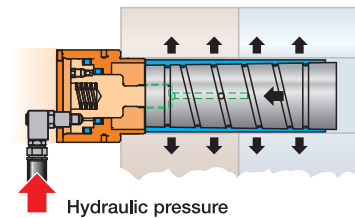
Screw GripCon onto hydraulic cylinder



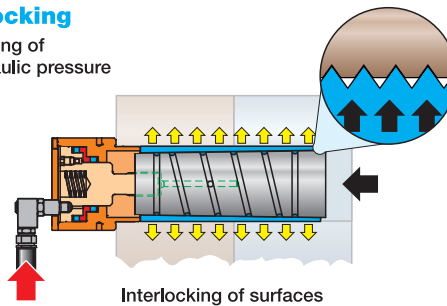
Insert GripCon

## 2. Frictional connection and positive locking

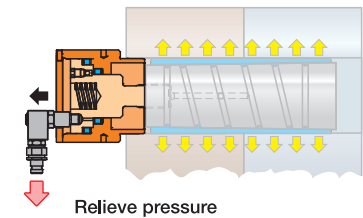
Clamped connection completed by radial widening of tapered sleeve generated by pulling bolt with high hydraulic pressure



Hydraulic pressure

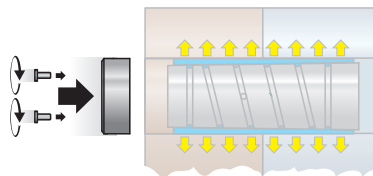
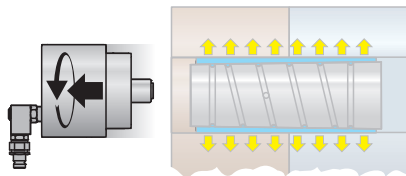


Interlocking of surfaces

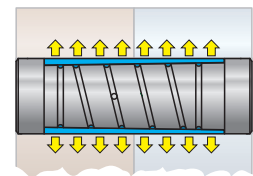


Relieve pressure

## 3. Remove hydraulic cylinder and attach protection caps



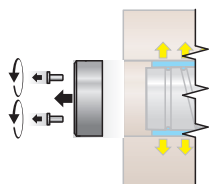
Attach protection cap



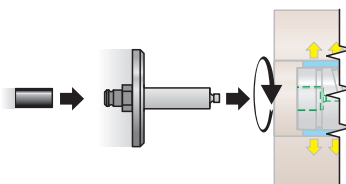
GripCon can be used for flange connections and stud holes.

## (Disassembly)

### 1. Remove protection caps, support sleeve and hydraulic

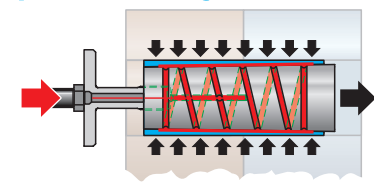


Remove protection caps



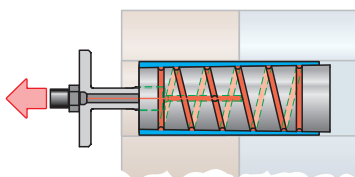
Screw on hydraulic connection

### 2. Release frictional connection and positive locking

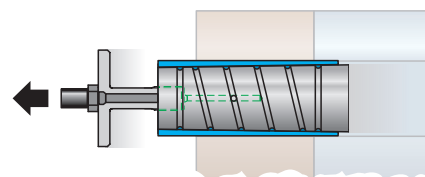


GripCon drops out, frictional connection released

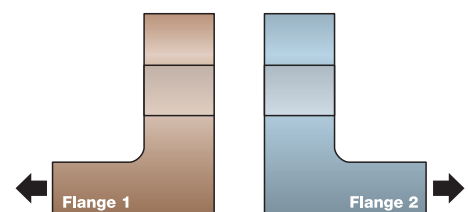
### 3. Remove GripCon



Relieve pressure



Disassemble GripCon



Animated form is available at [www.schaaf-gmbh.com](http://www.schaaf-gmbh.com) or on SCHAAF interactive DVD.

