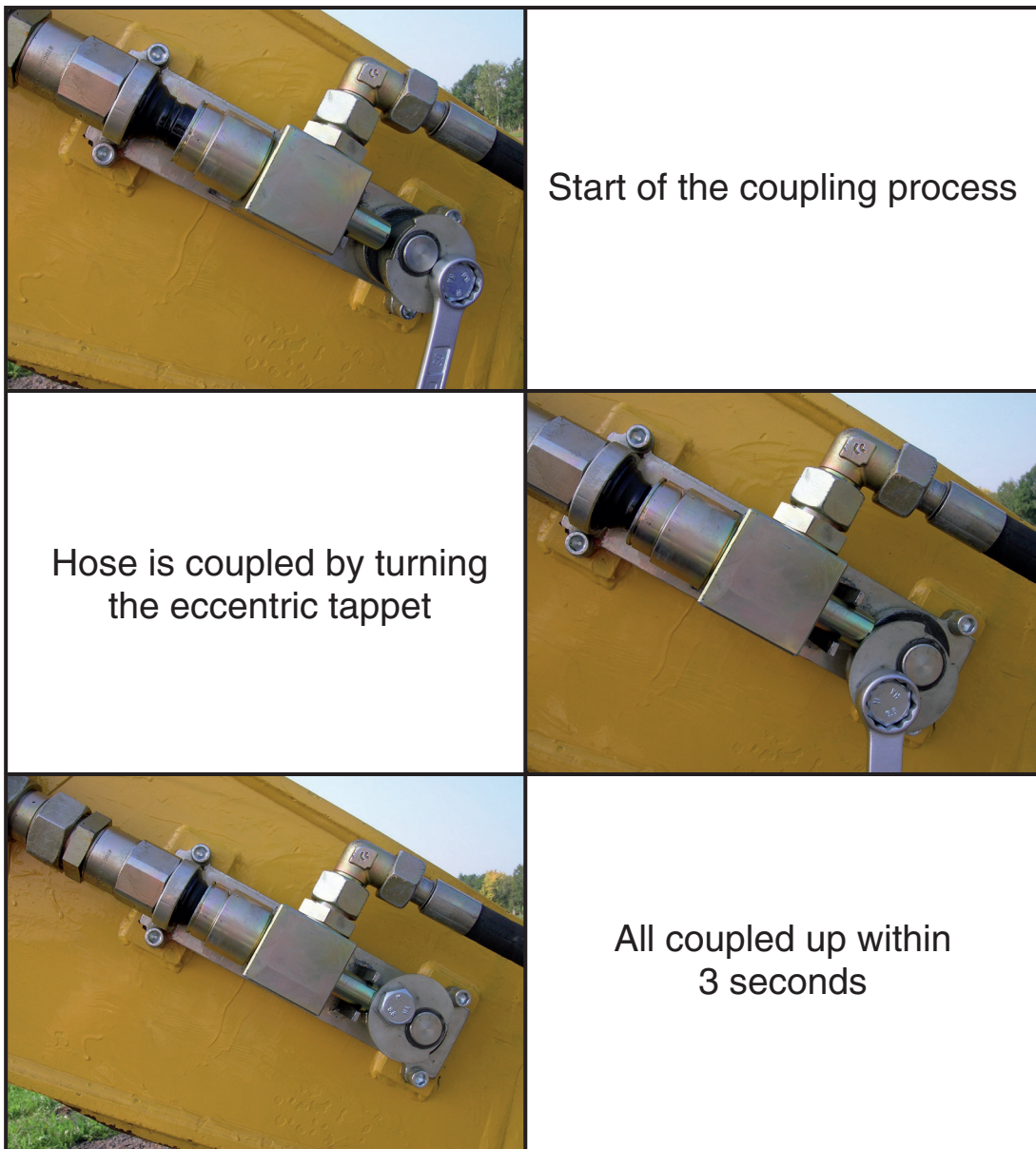




# The Alternative!

## Stehr - Quick change coupling SSK for hydraulic hoses



 **Secure**

 **Fast**

 **Effortless**

 **Simple**

**Stehr** – The home of great ideas!



## **Stehr**- Quick change coupling SSK for hydraulic hoses

Some hydraulic hose couplings consist of two halves, which enable connection and disconnection of lines without liquid escaping. However, this coupling process can be difficult because of pressure in the lines. It takes approximately 10 minutes to achieve a coupling process with pieces that screw together in this manner. Hydraulic power units always have at least two lines; therefore there are two couplings and double the amount of time is required.

The quick change coupling was invented to offer a simpler solution, requiring less time and less effort.

To that end, one half of the coupling is affixed to a component such as an excavator arm. The second half of the coupling, the hose half, is aligned and firmly fixed half flush over a guide shaft. It is placed in a guiding cradle to assure that it can be pulled in a completely straight line. An eccentric pulley is attached to one of the coupling halves, centered evenly between them. By turning this unit 180 degrees clockwise, the two halves of the coupling are pushed straight into each other. They are then locked in this position and the coupling process is complete.

Both halves of the coupling are positively interlocked. The advantage here rules out the otherwise familiar wear suffered by the closing mechanism, especially where traditional couplings are subjected to pulsating pressure. The coupling is released in reverse order, by turning the eccentric pulley counter-clockwise

### Technical data

Model	SSK 004	SSK 003.5	SSK 003	SSK 002
Flow rate:	up to 106 gals/min	up to 66 gals/min	up to 40 gals/min	up to 16 gals/min
Pressure:	4,640 psi	4,350 psi	4,350 psi	4,350 psi
Back pressure:	at 79 gals/min = 51 psi	at 53 gals/min = 58 psi	at 26 gals/min = 65 psi	at 16 gals/min = 51 psi
Connection:	Inside thread 1 ¼" BSP	Inside thread 1" BSP	Inside thread ¾" BSP	Inside thread ½" BSP

There is a film showing how the **Stehr** quick change coupling works at [www.stehr.com](http://www.stehr.com) .