

# LÜDECKE

Since 1930. The perfect connection.



User and Assembly Manual  
Multi-Coupling System



**Note:**

The wrong choice or incorrect use of the multi-coupling system can result in material damage and personal injury.

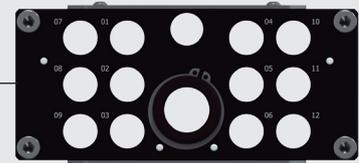
## 1. Design of the Multi-Coupling System

The multi-coupling system is made up of two parts: the **machine side (MKM)** with a pre-installed lever system as well as the **tool side (MKW)**.



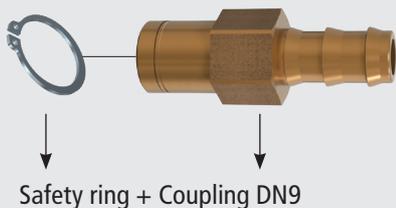
Delivery state machine side MKM  
(Available with 6, 12 or 20 connections)

The holes on both plates are clearly numbered and help to quickly identify the circuits.



Delivery state tool side MKW  
(Available with 6, 12 or 20 connections)

The **machine side** is available with different **single couplings including a safety ring** for mounting.



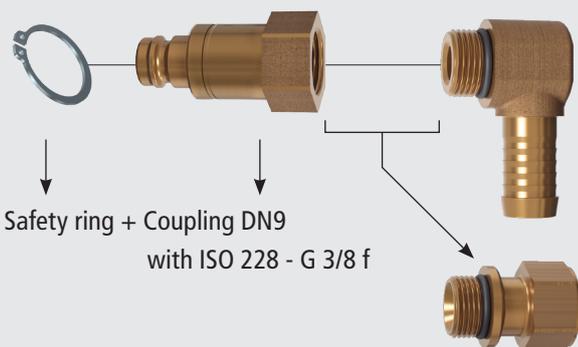
Safety ring + Coupling DN9

- with hose stem, hose i.D. 9 and hose i.D. 13
- with quick-fit hose stem, hose i.D. 10 and hose i.D. 13
- with female thread ISO 228 - G 3/8 f
- with male thread ISO 228 - G 3/8 m



**Note:**  
The **machine side** can be equipped individually. However, we clearly point out that you should assemble it symmetrically.

The **tool side** is available with different **plugs including a safety ring** for mounting.



Safety ring + Coupling DN9  
with ISO 228 - G 3/8 f

- with 90°-hose stem, hose i.D. 9 and hose i.D. 13
- with 90°-quick-fit hose stem, hose i.D. 10 and hose i.D. 13
- with male thread ISO 228 - G 3/8 m

Optionally:  
Extension Adapter ISO 228 - G 3/8 f



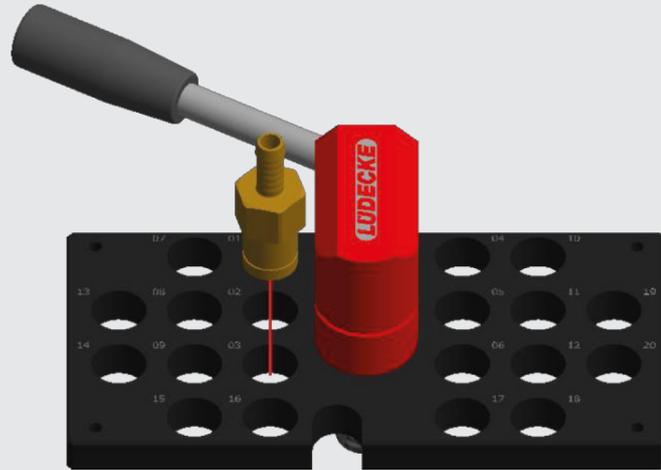
**Note:**  
The **tool side** can be equipped individually. However, we clearly point out that you should assemble it symmetrically.

## 2. Assembling the Multi-Coupling System

### 2.1 Machine Side (MKM)

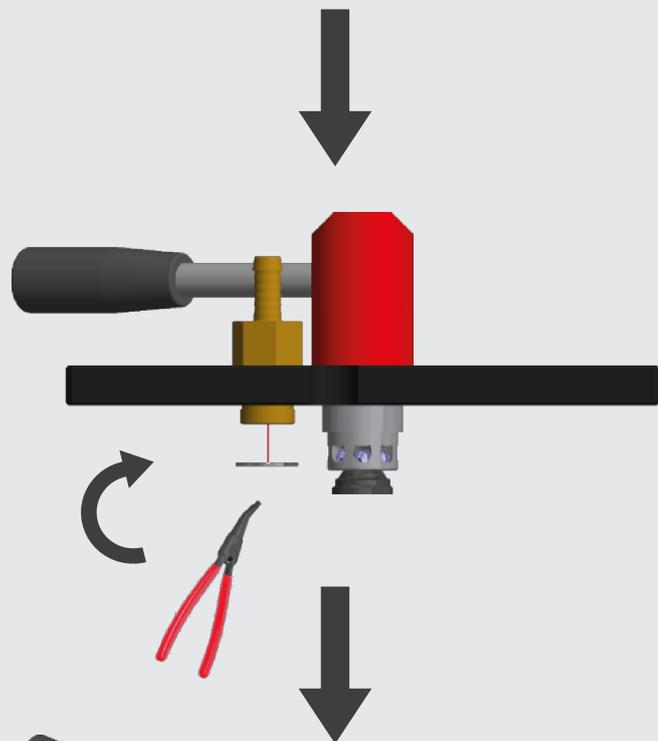
1

**Step 1:**  
Push the coupling into the desired position.



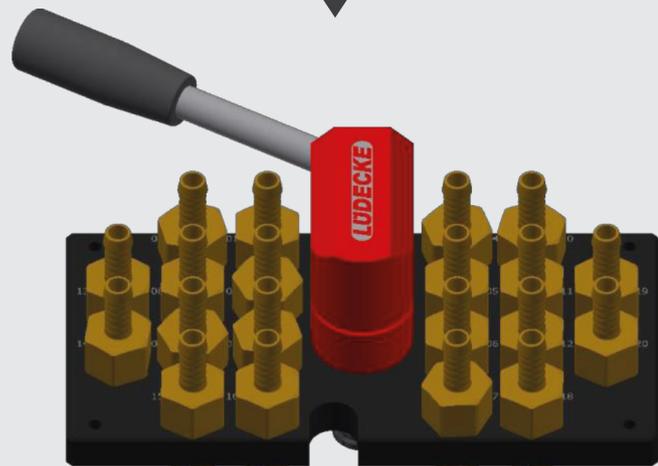
2

**Step 2:**  
Use the mounting pliers, to place the safety ring in the groove of the coupling.



3

**Step 3:**  
Equip the machine side with couplings as needed.

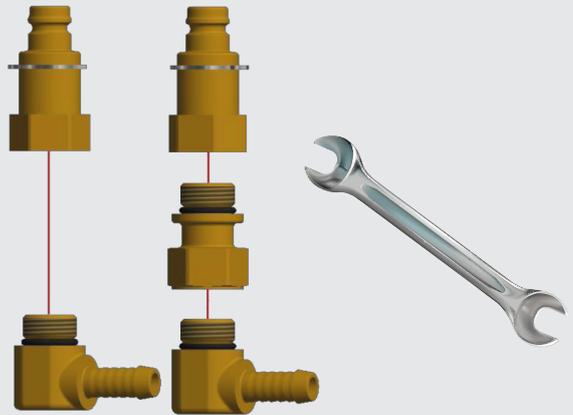


## 2. Assembling the Multi-Coupling System

### 2.2 Tool Side (MKW)

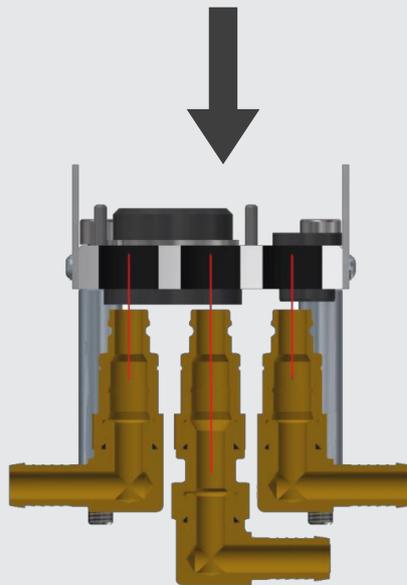
1

**Step 1:**  
When required, pre-mount  
the **plug** with 90° barbed  
fitting and adapter.



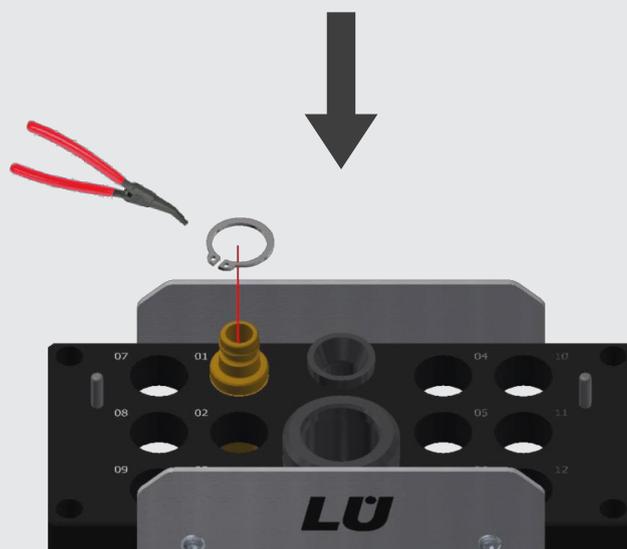
2

**Step 2:**  
Push the **plug** into the  
desired position.



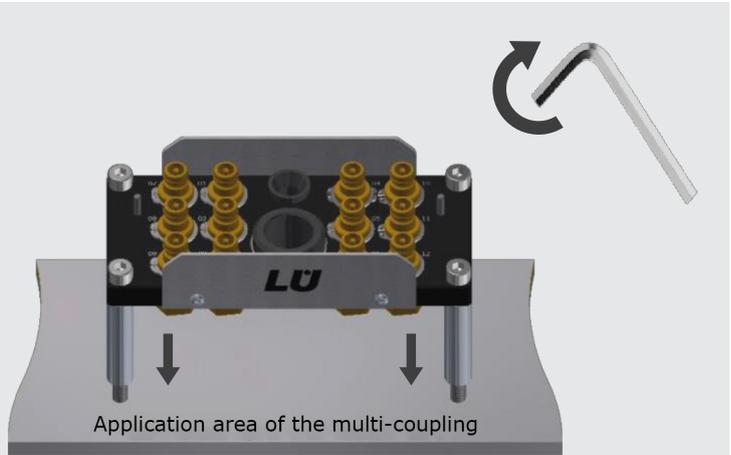
3

**Step 3:**  
Use the **mounting pliers**,  
to place the **safety ring** in  
the groove of the **plug**.

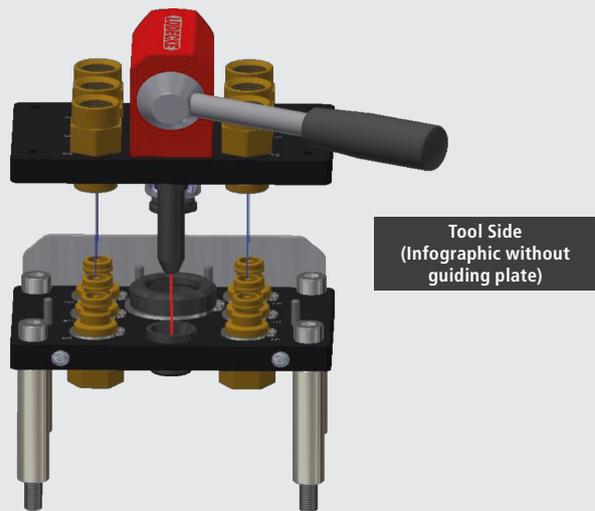


# 3. Operating the Multi-Coupling System

**1** **Step 1:**  
Use an Allen wrench to mount **the tool side** (screws and spacer sleeves are enclosed).



**2** **Step 2:**  
Push the machine side, with lever in open position (right), into the centering bushing and plug of the tool side.



**3** **Step 3:**  
Push the lever to the left to lock it.  
↳ The multi-coupling system is ready to be used

