

RM Inox press installation

Memo

Group 1 12- 54 mm

- make sure that the pressing tool you use has **32KN Force**. Check the label under battery (for example Novopress)
- for diameter **12-35mm** pressing with **jaws**.
- **42- 54 mm** pressing with **Chains** not jaws.
- **lubricate** the jaws often (for example every time you start working) to ensure correct functionality.
- the bigger diameters **lubricate even more often** 76,1mm 88,9mm 108mm (WD40 or similar).

1 Cut the pipe

- check that you use correct RM pipes
- manual cutter (**recommended**) up to **54 mm**. Then no need for removing the deburring, cleaning the pipe.
- **hand held** electric disc machine (**not recommended**) when using you remove the stainless steel from pipe = > **increased corrosion risk**
- if using another cutter (electric etc.) **deburring the pipe** (cleaning)with the tool **inside & outside** is needed.

2. Marking

- mark the pipe with the **blue marking tool**.
- check that marker is next to **fitting edge** (tolerance 1-2mm)
- check that the **blue cap** is taken out from pipe

3. Check the O-ring

- if **O-ring** missing or damaged, take new pipe fitting or you can change the o-ring ask new from RM.

4. Pressing

- Check that you use the **correct jaw/chain** (in this case 22mm)
- insert the machine to **90 deg** towards pipes before pressing
- **press 2 times** (for example Novopress), **second press, hold until machine stops**
- BT model can record the usage of machine for maintenance purposes (phone APP needed)

5. Check the joint

- check the **logo N** (Novopress tool used), then the pressing is done with enough force and the joint guaranteed by RM.
- wrong installation may cause leaking in pipe.
- check the pipe that it has not any big deformations.
- **Calibration of the tool must be done every other year** to guarantee the functionality and acceptable joints.

Group 2

76 - 108mm (same steps as in G 1)

- **120KN** pressing tool **force** needed , check the **label under battery** (for example Novopress).
- **Only Klauke or Novopress machines to be used! Approved by RM.**

1) Novopress ACO403 (or old model 401) cod. 196000023.

Pressing collars:

- Ø76.1mm collar cod. 196076002.
- Ø88.9mm collar cod. 196088002.
- Ø108mm collar cod. 196108002.



2) Klauke UAP100L cod. 196001009

Pressing collars:

- Ø76.1mm collar cod. 196076000.
- Ø88.9mm collar cod. 196088000.
- Ø108mm collar cod. 196108000.



Cutting and Marking

- **use special electric cutter tool to ensure correct and straight cut of the pipe**
- **remove the debree** from pipe with the tool
- **mark the pipe with marker plate**
- **do not remove the plastic sleeve before installation**
- plastic sleeve helps the tool to work, sleeve works also as a **lubricant**
- make the O-ring check (unbroken not damaged)

Pressing

- choose **right chain size**
- **check the battery level** for successful ^{AV1} operation
- if the plastic sleeve removed or lost use **plastic film** before pressing or use **new fitting**
- **put chain first** to pipe then attach the pressing tool
- press 2 times(for example Novopress), **second press, hold until machine stops**
- when finished **the wings in the chain are open**, put the wings to right position

Dia 10

AV1

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Final steps

- remove the plastic sleeve -> **check logo N** (for Novopress), confirms the right force
- **lubricate chains/jaws often**
- Pipe support, refer s.30 s.32 **Technical hand book**