NiroSan® XXL

SANHA
a perfect fit

We have added a large dimension to our NiroSan® stainless steel series. With the XXL pipes and fittings in DN 150 (168 mm), especially risers, e.g. for drinking water in high buildings, can be implemented very easily and safely.

The high-quality stainless steel system NiroSan® is used especially for demanding projects for drinking water installations, but also for sprinkler and fire extinguishing systems, heating or cooling water. Through the XXL solution risers can be installed without any problems and can be implemented as a single strand. For this purpose we offer 6 m long pipes and various standard products in the new size. In addition, the series includes 45° and 90° bends, T-pieces and more. Risers made from NiroSan® XXL are particularly lightweight compared to traditional carbon steel, thereby reducing the weight and stress on the frame of the building.

The new large dimension offers the same high-quality as the existing NiroSan® system. The press fittings are manufactured from the premium material 1.4404. It contains at least 2.3 % of molybdenum and has a lower carbon content than the conventional material 1.4401. The material convinces stands out for its high quality and significantly higher resistance to corrosion compared to other stainless steels. NiroSan® XXL is supplied with black EPDM seals For special requirements or applications such as gas the system is available with other o-rings.

The dimension DN 150 was also added to our economical **NiroTherm®** series, which is particularly suitable for heating and cooling. For details of the XXL possibilities our Technical department is available at 01628 819245 or webuk@sanha.com.

Further information on the product range and service can be found at www.sanha.co.uk.

SANHA UK Ltd. · 9 Eghams Court · Boston Drive · Bourne End · Buckinghamshire · SL8 5YS ·
Phone: 01628 819245 · uk@sanha.com · www.sanha.co.uk

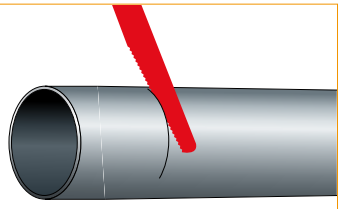
NiroSan® XXL

SANHA
a perfect fit

Making pipe connections

For the dimension d = 168.3 mm the ACO 401 (ECO 3 not permitted) must be used.
This dimension must be pressed twice.

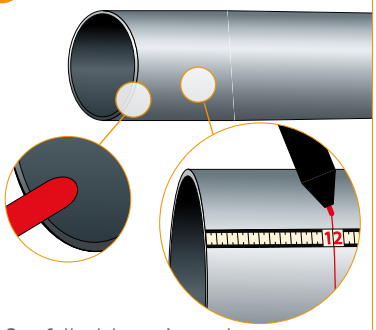
1



Cut pipes with a suitable tool to length at right angles.

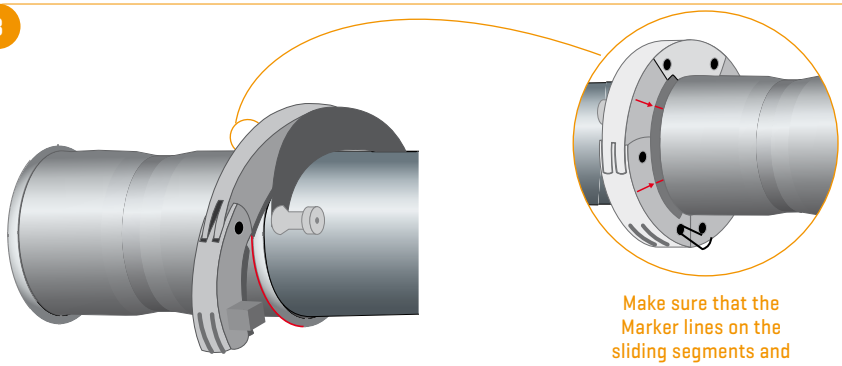
IMPORTANT! When processing stainless steel the cutting speed must be so low that no sensitization of the stainless steel through warming can take place. Also the saw blade or cutting wheel must not be not be used for unalloyed ferrous materials.

2



Carefully deburr pipe end inside and outside and mark insertion depth (12 cm).
The marking must be waterproof.

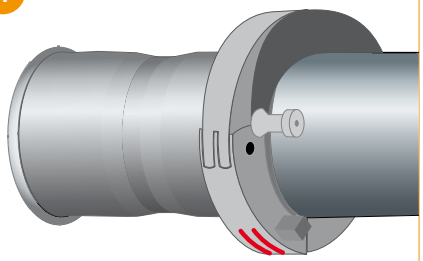
3



Select a suitable press sling. Open the press and place it around the SANHA® Press fitting so that the bead of fittings engages in the groove of the press sling. The centering plate must always be pressed in the direction of the pipe do not point in the direction of the coupling. The Press loop must fit tightly to the fitting.

Make sure that the Marker lines on the sliding segments and the outer parts form a line. If this is not is the case, adjust sliding segments.

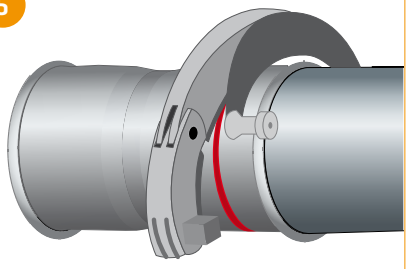
4



Then turn into position so that the pressing machine ACO 401 can be used. check the insertion depth and start pressing process. In case of danger the process can be stopped by pressing the emergency button.[1)] Press down the intermediate jaw levers to remove the machine.

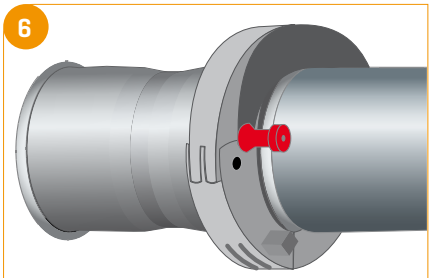
1) After the emergency stop situation has been reset, a Post-pressing or, if necessary, a new pressing can be carried out.

5



Open the sling and...

6



... place it on the pressed fitting bead in an offset position. Close and lock it and start the second process.

SANHA UK Ltd. · 9 Eghams Court · Boston Drive · Bourne End · Buckinghamshire · SL8 5YS ·
Phone: 01628 819245 · uk@sanha.com · www.sanha.co.uk