

## Fitting Notap clamps type S1 and K1

139010E

Clamps are available in two versions, one with a rear saddle for small pipe sizes and the other with a clamp band for larger sizes.

The clamps can be used on all types of metal pipes.

Two different types, marked S1 and K1 respectively, are used.

Clamps type S1 are provided with a non-return valve, which is intended primarily for use when fitting the clamp, although it will normally continue to work for a considerable time after the clamp has been installed. However, care must be taken when removing caps or connectors on a clamp which has been installed for some time.

Clamps type K1 are not provided with a non-return valve. In addition to the clamp, a 1" female-threaded ball valve with a free flow bore of at least 25 mm ( 1" )is required. The overall dimensions of the valve should be 67-78 mm (2.63-3.07 in).

Caution! Do not exchange clamps of type S1 and type K1, as the function differs between them.

### Important points to consider when choosing the position for the clamp

1. The pipe must be straight and without outer damages, which can effect the sealing function or damage the gasket of the clamp.
2. Screws must be easily accessible when the clamp is fastened to the pipe.
3. Connectors must be easy to connect and tighten.
4. If the pipe is to be blocked, neither the pipe nor anything else may be allowed to interfere with the installation of the blocking device or obscure the pressure gauge.

**Note: Clamps must be accessible for inspection and may not be cast or built into position**

## Pressure and temperatures

N.B. Not applicable to blocking with a balloon (see separate instruction)

Max. system pressure: 16 bar

Max. temperature: +95°C

Min. temperature: -15°C

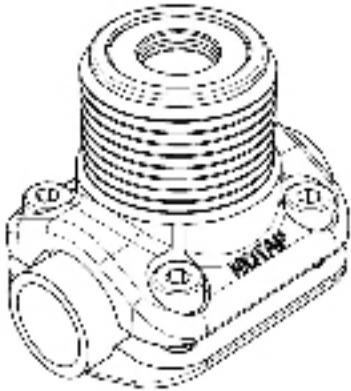
Systems: Tap water, heating, cooling (using glycol, alcohol or salt water-based refrigerants) and compressed air systems. Contact us for further information before using the clamps in other applications.

The clamps comply with National Swedish Food Administration standards.

The clamps are also TÜV-tested, although not for compressed air.

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## FITTING A NOTAP CLAMP WITH REAR PIECE

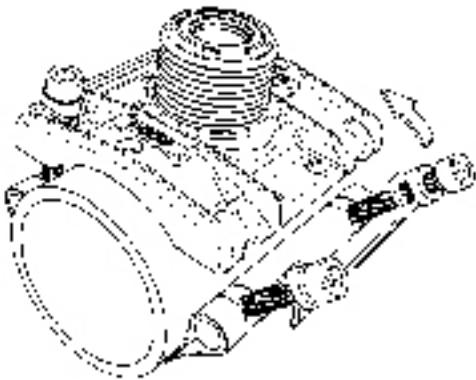


1. Clean the pipe at the clamping location to bare metal. Remove any surface defects.
2. Check that the gasket is firmly positioned on the clamp.
3. Position the clamp and rear
4. Tighten the clamp in position with the screws supplied. Tighten the screws alternately.  
Torques:  
M4: 3Nm (2.2 lb.ft), M5: 5 Nm (3.6 lb.ft), M6: 7 Nm (5.1 lb.ft)

**N.B.** Do not apply sealant or oil to the gasket when fitting the clamp. This may cause leakage. Do not twist the clamp when fitting since this may damage and/or displace the gasket.

The S1 clamp is now ready to be drilled, enabling a connector to be fitted or the pipe to be blocked. The K1 clamp must be equipped with a ball valve with a minimum free flow bore of 25 mm (1"). The valve thread should be sealed with flax (hemp) and the valve screwed into position.

## FITTING A NOTAP METAL CLAMP WITH CLAMP- BAND



1. Clean the pipe at the clamping location to bare metal. Remove any surface defects.
2. Check that the gasket is firmly positioned on the clamp.
3. Assemble the clamp-band as illustrated using the components supplied. Select a screw length appropriate to the pipe size. M6x40 screws are used for standard size iron pipes.
4. Place the clamp and gasket on the bare metal surface and hook the strap onto the clamp.
5. Tighten the screws alternately, ensuring that the clamp does not twist.  
Torque: 12 Nm (8.8 lb.ft)

**N.B.** Do not apply sealant or oil to the gasket when fitting the clamp. This may cause leakage. Do not twist the clamp when fitting since this may damage and/or displace the gasket.

The S1 clamp is now ready to be drilled, enabling a connector to be fitted or the pipe to be blocked. The K1 clamp must be equipped with a ball valve with a minimum free flow bore of 25 mm (1"). The valve thread should be sealed with flax (hemp) and the valve screwed into position.