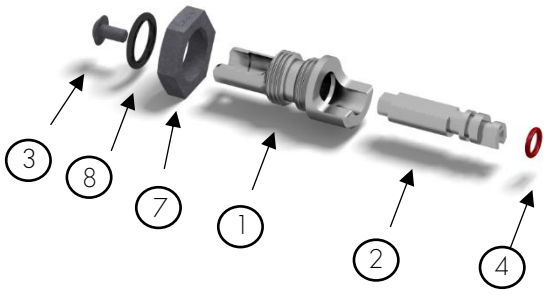
TECHNICAL DATA SHEET 11/2026

HEKINOX

SAMPLING VALVE

1	BODY	316L SS
2	PLUNGER	316L SS
3	SCREW	A4 SS
4	PLUNGER & SPOUT SEAL	MVQ
5	SPOUT	316L SS
6	WASH BOTTLE	PE/POM
7	LOCK NUT	316L SS
8	FITTING O-RING	NBR





PRECAUTIONS FOR USE AND VALVE FEATURES

This valve is designed to be fitted to tanks containing **group 2 liquids** at a **maximum pressure of 2 bar** and a **temperature below 100°C.**
This valve is designed to:

1) Offer **excellent cleanability** between two samplings, to prevent any contamination of the samples by the valve.
2) **Quickly recover the nominal sampling flow rate** when grape pomace clogs the valve from the inside.

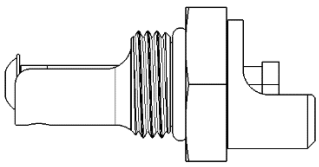
The mechanism of this valve requires you to **follow the maintenance instructions carefully** so as not to impair its proper operation.

FITTING THE BASE ON THE TANK

To fit the BASE (1,2,3,4) on your tank, the tank must have a 1/2" GAS (15/21) socket (designation according to standard NF E 03-005: G 1/2 H NF E 03-005).

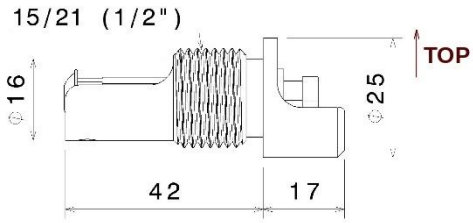
Before fitting on a tank, always make sure that:

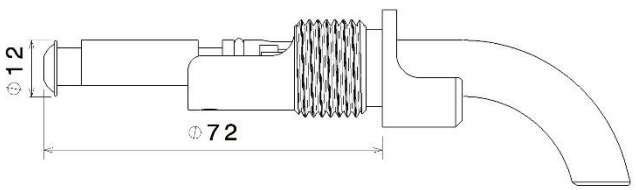
1) No object outside the valve will interfere with the opening/closing of the PLUNGER (2).
2) The BASE (1,2,3,4) is in the closed and locked position.
3) The SCREW (3) is properly tightened so that it does not come loose during operation.
4) The FITTING O-RING (8) and the LOCK NUT (7) are correctly fitted on the BASE (1,2,3,4), as shown in the figure below.



The BASE (1,2,3,4) is tightened and sealed onto the tank socket using the LOCK NUT (7) and the FITTING O-RING (8), in the following order:

1) Screw HEKINOX in until the FITTING O-RING (8) comes into contact with the gas socket.
2) Keep screwing HEKINOX in until it is upright: its angular position must be as shown in the diagrams below.
3) Complete the tightening by screwing the LOCK NUT (7) with a suitable adjustable wrench.





OPERATION

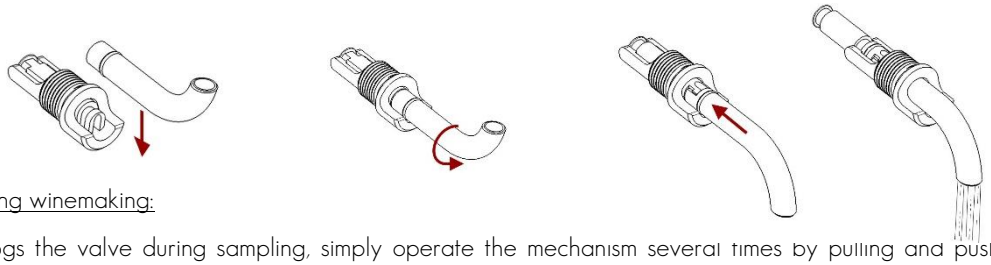
This valve consists of two parts: the BASE (1,2,3,4), fixed to the tank, and the sampling KIT (4,5,6). The KIT is sold separately. A single KIT is enough for all your tanks fitted with BASES.

Sampling:

1 - Connect by sliding the SPOUT in radially.
2 - Unlock by turning the SPOUT half a turn.
3 - Draw the sample by sliding the SPOUT.
4 - Reverse these steps to stop sampling and remove the SPOUT.
5 - Clean the BASE and the SPOUT with the wash bottle. Store the SPOUT on the wash bottle.

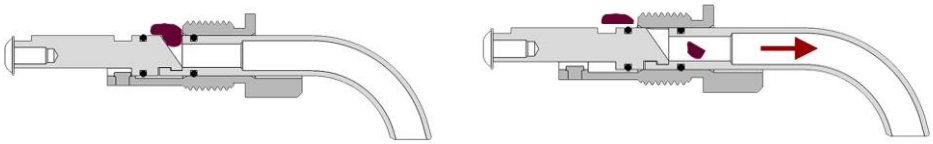
The WASH BOTTLE (6) must be filled with a suitable cleaning solution (for example a hydroalcoholic solution).

If the mechanism becomes difficult to operate, lightly grease the SEAL (4) of the SPOUT (5). This will lubricate the whole mechanism. Use a grease compatible with the contents of your tank and with the seal material (4). Ask your grease supplier for advice.



Clogging during winemaking:

If pomace clogs the valve during sampling, simply operate the mechanism several times by pulling and pushing the SPOUT (5) / PLUNGER (2) assembly.



DISMANTLING THE BASE FOR MAINTENANCE

1 - Unscrew the SCREW (3).
2 - Remove the SPOUT (5) from the front.
3 - Remove the PLUNGER (2) from the back.
Reverse these steps to reassemble the valve.

ROUTINE MAINTENANCE

For the mechanism to work properly, the BASE (1,2,3,4) must be dismantled and cleaned each time the tank is emptied.
The SEALS (4 and 8) must be replaced every year.
Caution: to preserve the properties of the seal and the proper operation of the mechanism, only use cleaning products compatible with the seal material. Ask your cleaning product supplier for advice. If needed, other seal materials are available (contact D-INNOVATION).

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