



SCANDI BREW® Micro sample port

Sampling

Application

The micro sample port is used to take aseptic and microbiological samples in small volumes from tanks and pipework.

Design

The sample port is made in a simple, sanitary design and consists of a housing made as a socket for direct welding into tankwall or pipe-work, a rubber plug which is positioned by a press screw and a closing cap.

The different types of sockets are mounted as follows:

- Socket, Type T, is welded into a 25 mm diameter hole in a tankwall
- Socket, Type P, is welded on a pipewall and thereafter a 8 mm hole is drilled.
- Socket, Type PC, is available for welding onto extruded pipe ends equal to 1" as well as NW 25

The benefits of the micro sample port are reliable aseptic samples and easy replacement of the rubber plug.

Working principle

The sampling is done by unscrewing the closing cap and inserting a 1 mm hypodermic needle through the rubber plug.

Replacement of the rubber plug should only take place when the tank is empty and pressureless. It is done by unscrewing the press screw until it is released from the holder and replace the rubber plug. Then the press screw is remounted firmly.

Before sampling, the plug should be sterilized with alcohol. As the inner part of the rubber plug sits flush with tankwall or pipework surface, this part is automatically cleaned during tank or pipework cleaning.

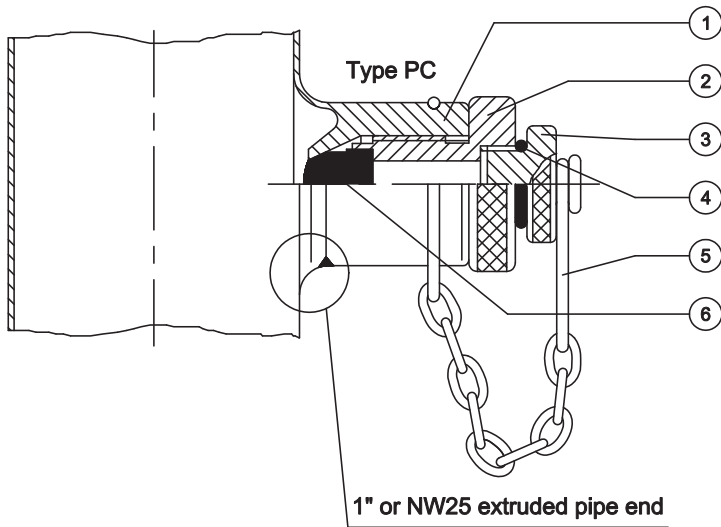
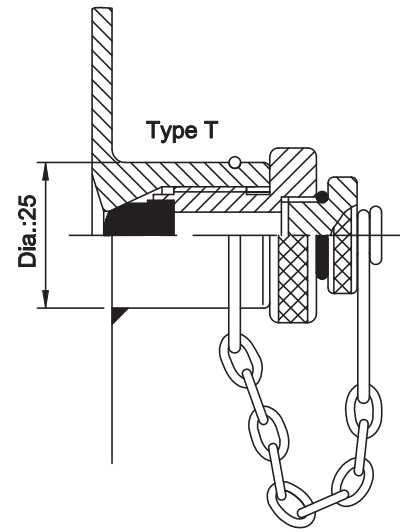
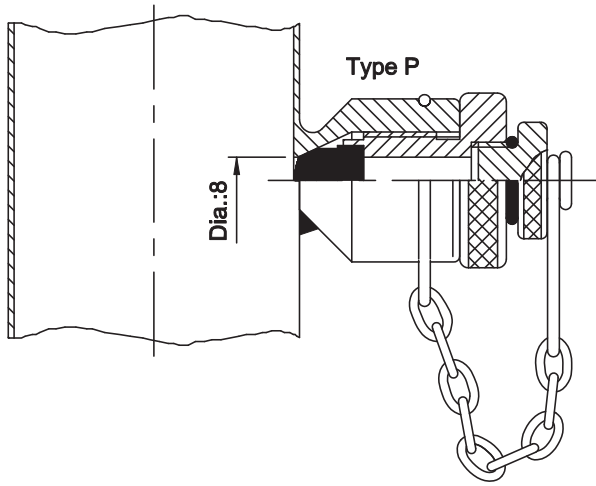


Specifications

Product pressure:	Max. 6 bar (86 psi) as standard.
Welding part:	Stainless steel EN 1.4404 (AISI 316L) (with material certificate)
Other metallic parts:	Stainless steel EN 1.4307 (AISI 304L)
Rubber plug:	Natural rubber or silicone
O-ring:	NBR

Special Versions

Micro sample port with slide that allows replacement of rubber plug under gas pressure to avoid CO₂ loss.



- Pos. 1 : Welding socket
- Pos. 2 : Press screw
- Pos. 3 : Closing cap
- Pos. 4 : O-ring
- Pos. 5 : Chain
- Pos. 6 : Rubber plug