

THREADLESS CONNECTION SYSTEM

Expect... **AVR**

AVK SUPA LOCK™

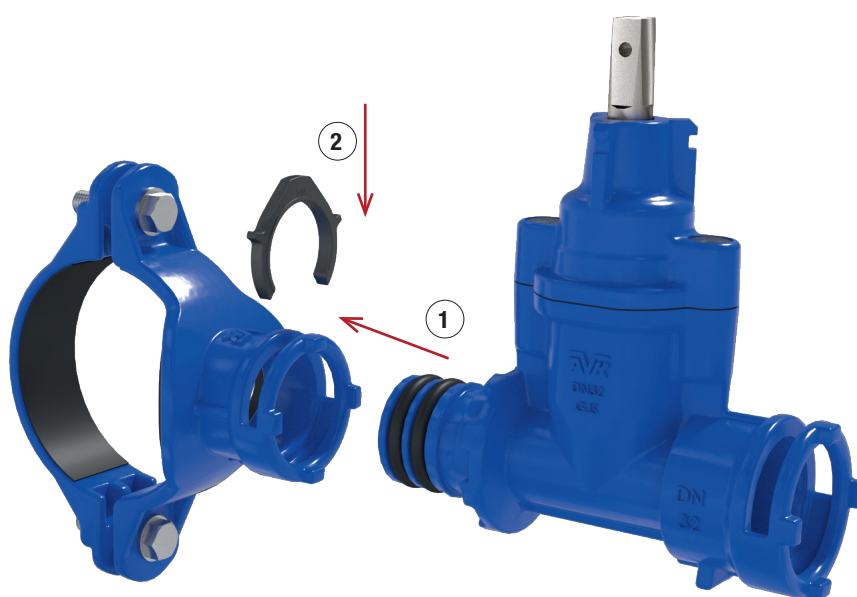
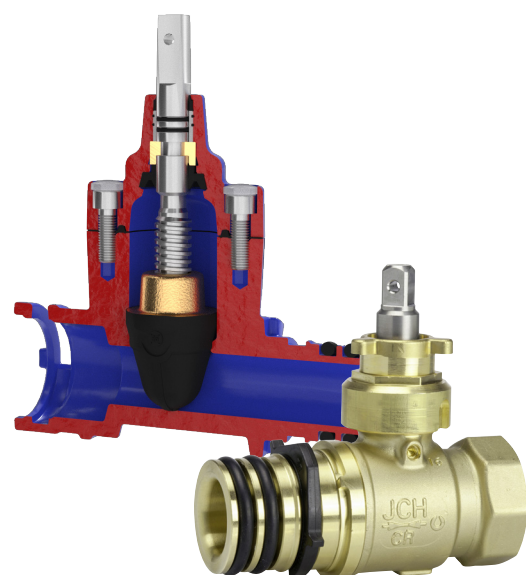
FULL CORROSION PROTECTION AND EASY TWO-STEP ASSEMBLY

Threadless Supa Lock™ connection

Connecting valves and fittings with a threaded connection can be time-consuming and often, it leaves part of the thread exposed to the medium and the external environment. Over time this will cause corrosion of the uncoated thread and may even result in a leakage.

The Supa Lock™ system, with its patented design, guarantees a 100% corrosion free joint combined with fast and easy assembly with maximum flexibility. Thanks to its simple and ingenious design, Supa Lock™ offers long-term safety with optimum protection against corrosion and leaks and also protection against accidental disassembly of the joint when the pipeline is pressurized.

The wide Supa Lock™ range consists of valves, tapping saddles and fittings in ductile iron with a heavy duty epoxy coating complying with the strict GSK requirements. Furthermore, ball valves and fittings in dezincification resistant brass complying with the EU directive are part of the range.



Easy two-step assembly

After having greased the O-rings, the Supa Lock™ spigot end is pushed into the Supa Lock™ socket end, and the safety retainer is clicked on - and the assembly is done!



Heavy duty O-rings provide extra safety

All Supa Lock™ joints are fitted with heavy duty Ø7 mm O-rings. They provide extra safety when taking into account that a moderate permanent deformation of the O-rings is to be expected over the lifetime of the product. Also, when the joint is exposed to bending as a result of ground movements, the large O-rings provide maximum safety.

Self-locking safety retainer

Supa Lock™ is designed as a tensile joint and withstands pressures up to PN 16 x 1.5. The safety retainer is designed with an edge (1), which makes it self-locking whenever there is pressure in the pipeline. Therefore, no accidental disassembly can take place. The safety retainer has two finger knobs (2) for easy assembly and disassembly.



No rotation of valves and connectors

Free rotation is restricted for the valves and the threaded connectors used for drilling machines to enable effective drilling. Small cast notches placed on the outer rim of the socket end and on the inner rim of the spigot end interlock and prevent rotation.



360° rotation of fittings

The design allows for a 360° rotation of the fittings, which is a unique feature only offered by the Supa Lock™ system. The free rotation of the joint allows the installer to direct the service pipe outlet in any direction from the main pipe, thus avoiding collision with other pipes or obstacles in the trench.



Corrosion-free access point

For flanged connections in DN 80-400, the wafer type spacer with Supa Lock™ socket connections offers a corrosion protected access point to the pipe. It can replace a tapping and in that way avoid weakening of the pipe.

