

# Long-term production planning

## Double-Seat Blanking Plug

The Kieselmann blanking plug is used as a valve body placeholder for the future retro-fitting of an active full valve insert. This can be used in both valve manifolds and discrete positions throughout the plant.

The addition of extra valves to existing manifolds involves cutting, spreading and re-welding of established pipework. This activity produces internal contamination to the pipework which can damage both products and equipment. The stresses introduced by welding stable, fixed, pipework can be destructive and time consuming compromising the quality of your product.

Using the Kieselmann blanking plug; just isolate, release the clamps, remove the plug, drop in the insert, replace the clamps, CIP and start production. It's that simple.



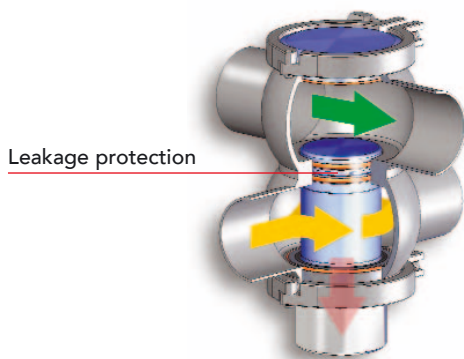
### Advantages:

- ▶ Futureproof planning of valve manifolds and routes
- ▶ Simple retrofit of double seat valves in the manifold or piping system
- ▶ No welding of additional housings after expansion and therefore a stress-relieved manifold
- ▶ Elimination of costly production downtimes
- ▶ Hygienic design ensures the plug can remain in place for a long period without risk to product.



## It could be so easy ...

The matrix is designed and built to accommodate the long term requirements of the process. The positions where routing valves are not required immediately are occupied by a removable mix proof plug. As and when the planned upgrade to the matrix is required the plug is quickly and simply replaced with a complete Kieselmann valve insert. It's as easy as that.



### Technical Data

**Installation sizes:** for KIESELMANN Double seat housing, nominal width DN 50 – DN 100, OD 2", 2 ½", 3", 4"

**Materials:** Product contact: 316L (1.4404) S/S  
Non-product contact: 304 (1.4301)

**Seals:** EPDM, HNBR, FDA compliant

**Surface:** Product contact Ra < 0,8 µm

**Operating pressure:** max. 10 bar

**Pressure shock resistance:** min. 50 bar

**Product temperature:** max. 95°C

**Sterilisation temperature:** max. 140°C  
(Short duration 150°C, 1h)

### Features:

- ▶ Pressureless gallery between double seals connected to a leakage tell tale at the base of the plug
- ▶ Simple fixing arrangement utilising standard, re-usable, body clamps and valve parts.
- ▶ Product turbulence minimised and cleaning maximised by optimum flow path.
- ▶ Pressure shock protected up to 50Barg
- ▶ Metal to metal contact for all mating parts ensures pre-defined seal compression
- ▶ EHEDG Design ensures complete cleanability

**KIESELMANN**  
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