

Ring gap sampling systems.

- **Fully traceable materials**
- **Exceptional performance**
- **Suitable for CIP and SIP**
- **Use standard components**

Hygienic Processing Components.....



Type BBS-05
Quick Connect



Type BBS-07
Block Flanges



Type BBS-10
Ball Check Valves



Type 2103
Diaphragm Valve



Type 8221
Conductivity



Type 8650
Process Automation

These sampling systems are produced from high quality materials to exceptional standards. In return, the performance is enhanced offering you reliable and repeatable operation. Available according to industry standards and also in a range of exotic materials for highly specialized applications. Contact us for more details.

Typical applications in:

- Biotechnology
- Pharmaceutical
- Chemical
- Dairy and Food
- Beverage
- Cosmetic

As part of the modular range offered by BBS Systems and Bürkert these systems are a compliment to complete range of hygienic processing equipment available.

Technical Overview	
Available Sizes/Standards	ISO/DIN/ASME BPE DN04....DN50 Special sizes/configurations as required Clamp, Butt Weld, Customised
Body Material	Stainless Steel 316L 1.4435 BN2 Special Materials Example: Hastelloy
Surface Finish	0.8Ra Standard Internal finish Electropolished externally Higher level finish on request
Diaphragm Material	EPDM, PTFE, TFM, or Silicone
Process Temperature	-10 to + 135 °C
Ambient Temperature	-20 to +80 °C
Media	Gases or Liquids.
Media Pressure	-1 to + 10 Bar
Certification Available	Material 3.1, FDA, USP VI

TIS BBS-16 Ring Gap Sample Valves V00.2010 EN

Weld In version for pipe or tank walls



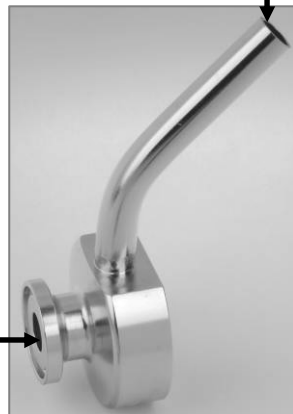
The mounting face will accept standard diaphragms and manual or pneumatic actuators made from plastic or stainless steel.



The ring gap itself permits full flow of the sample media.

The sample port can be left „clean end“ or produced with any desired connection such as clamp or hose barb. It can be designed to offer the operator easy access when taking samples.

It is possible to have units with clamp connections which provide maximum flexibility.



This example shows an extra CIP or SIP port has been included with provision for an isolation valve. This will guarantee that the sampling system is clean and each sample taken is free from contamination.



Contact your local Bürkert partner company now to consult with us about what your ideal sampling system could look like!