

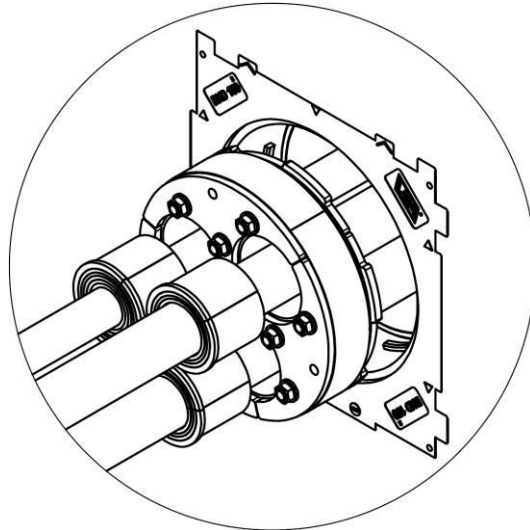
Bayonet system insert with multilayer inserts



Installation Guide

BKD150-ZS

BKD150-ZS/(Z)x(D₁-D₂)



Content:

1. General information and usage
2. Safety instructions
3. Installation

Bayonet system insert with multilayer inserts



Installation Guide

BKD150-ZS

1. General Information and usage

Please read these installation instructions carefully before assembly. Warranty claims do not apply if the information in these assembly instructions is not observed.

Protect the bayonet system insert with multilayer inserts from damage and contamination during assembly. Check the delivery for completeness and all individual parts for possible damage. Only undamaged parts may be installed.

Compact the subsurface and the cable substructure well before laying the cables and pipes so that the cables / pipes cannot sink. Incorrect cable or protective pipe laying and improper filling of the cable trench leads to subsidence and can thus lead to damage and leaks.

The wall insert must not be mechanically stressed by cables / pipes. Solvent-based cleaners must not be used to clean the wall insert! We recommend UGA Cable Cleaner KR.

2. Safety Instructions

The national concrete casting regulations and the casting rules of the pipe manufacturer must be observed!

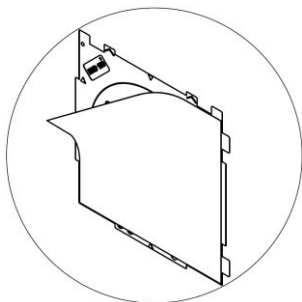
When installing this product, follow the relevant regulations of the relevant trade association, the relevant liability insurance association, the relevant national safety and accident prevention regulations as well as the guidelines (work and process instructions) of your company.



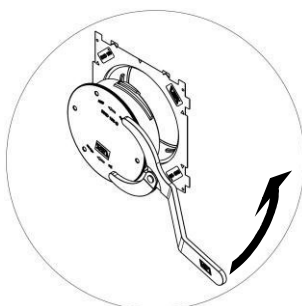
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3. Installation

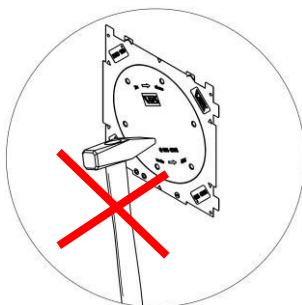
3.1 Preparations and notes for installing bayonet wall insert



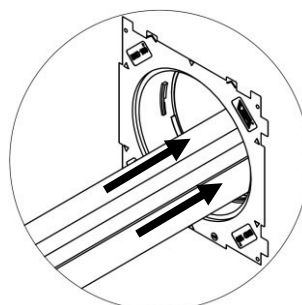
- In the case of an angular protective film covering the system cover, pull it off the wall insert, possibly heat it up slightly.



- Unscrew the system cover counter-clockwise using the UGA articulated spanner "GSS".



- **Do not open with force to avoid damage to the bayonet mount and the sealing surfaces.**



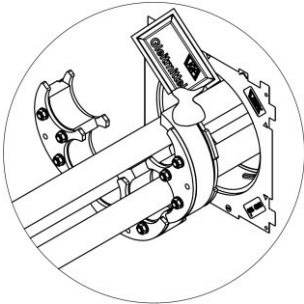
- Feed the cables / pipes through the bayonet wall insert.

**Cables / pipes must be pulled in a straight line through the Bayonet wall insert.
Maximum deflection of 8° allowed.**

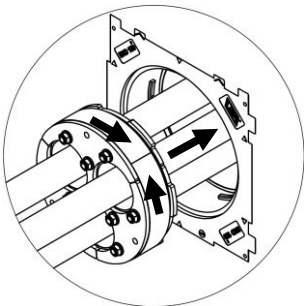


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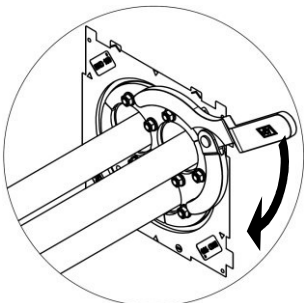
3.2 Installation of BKD150-ZS/(Z)x(D₁-D₂)



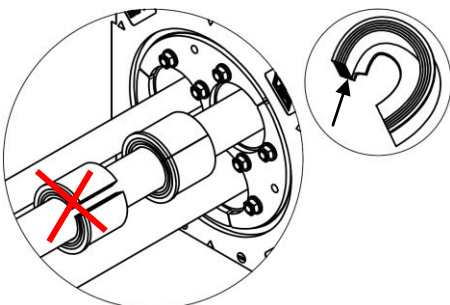
- Remove the multilayer inserts from the BKD150 system insert.
- Lubricate the BKD150 system insert on the outside and on the dividing cut surfaces, fold around the cables and place one cable in each opening.



- Push the closed BKD150 system insert into the bayonet wall insert.
- Push the locking lugs of the BKD150 system insert between the locking lugs of the bayonet wall insert (not in alignment) up to the stop.



- Turn the BKD150 system insert clockwise to the stop using the UGA articulated spanner "GSS".



Adapt the multilayer inserts to the cable:

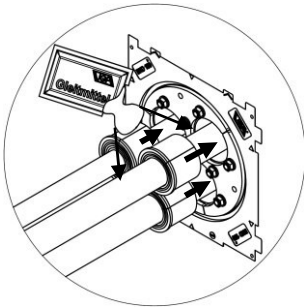
- Remove the plug and place the multilayer insert around the cable.
- Remove layers until the dividing cut surfaces of the multilayer insert touch BUT do not overlap when enclosing the cable / pipe.

Bayonet system insert with multilayer inserts

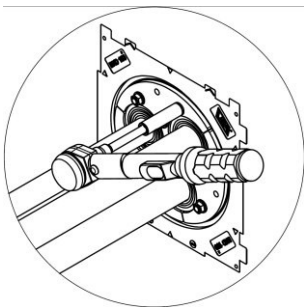


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- Lubricate all interior and exterior surfaces and the dividing cut surfaces of the multilayer insert as well as the cables / pipes with the provided UGA lubricant.
- Close the multilayer inserts around the cables and push them into the BKD150 system insert up to the edge.



- Tighten the nuts of the BKD150 system insert with the suitable socket wrench insert SW 10 mm (long version) with extension evenly in several steps until the system insert is tight.
- It is important to ensure that the individual segments are mounted / tightened without any offset.
- Possibly use a joint for nuts in between the cables.

The following maximum tightening torques are limited to the assembly of cable conduits made of pressure-resistant materials. When using cable conduits with thin walls or made of softer materials (e.g. PE), foamed plastic, etc., the tightening torques must be reduced accordingly to avoid deformation. The user is responsible for checking the suitability of the seals for the respective installation.

Maximum Torques Allowed:

M5 = 3 Nm (SW8) M8 = 10 Nm (SW13)
M6 = 5 Nm (SW10) M10 = 22 Nm (SW17)

**Nuts must NOT be tightened with
with a cordless screwdriver,
drill driver or impact wrench!**