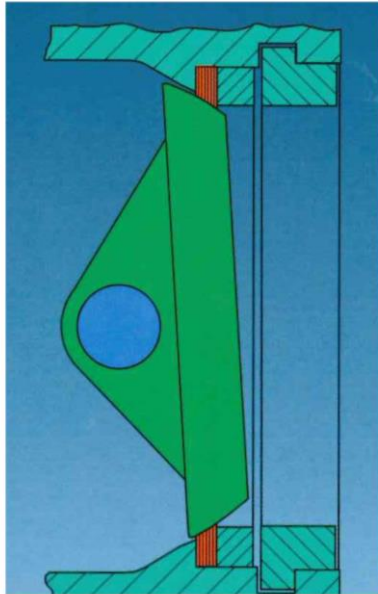


## Damper sealing system

Sealing difference between butterfly valve and damper

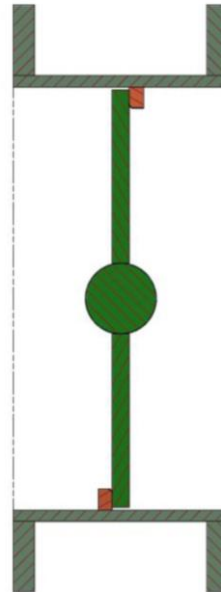
Butterfly valve are sealing on the edge of the disc ( red area).



### Butterfly valve give:

- + Good sealing all-round the disc.
- Temperature limited, depend on the sealing material
- Cannot handle solid media, for example ashes
- Problem when the temperature rising and the disc expand.  
Then the disc will be stuck ore sealina will be destroyed.

Damper are sealing on flat surface on the disc.



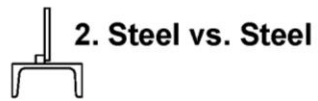
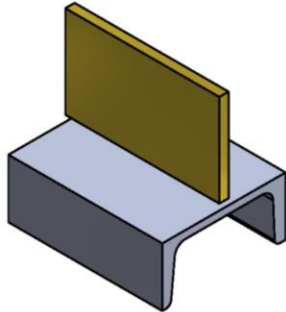
### Damper give:

- + Disc flouting over the sealing – No risk that the disc stuck ore jam. The disc can expand without influence on the sealing.
- + Can handling large dust concentrations in the flue gas
- Standard damper has a larger leak flow. Series 400 reducing leak flow to a minimum. Air sealing system are 100% tight

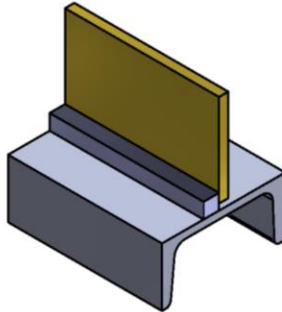
# Sealing Systems



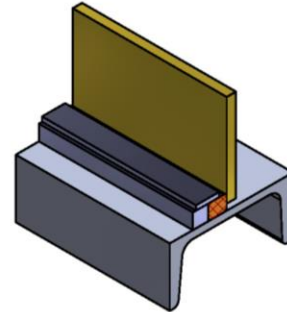
1. Without seal



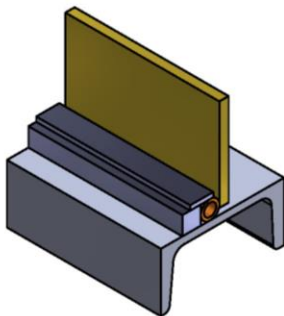
2. Steel vs. Steel



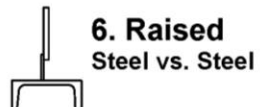
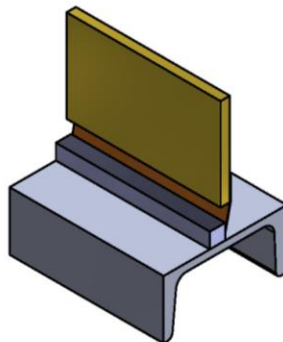
3. Glass fiber braid



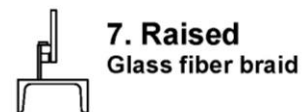
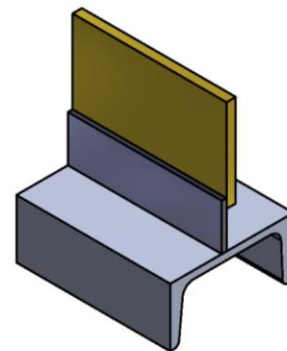
4. Viton



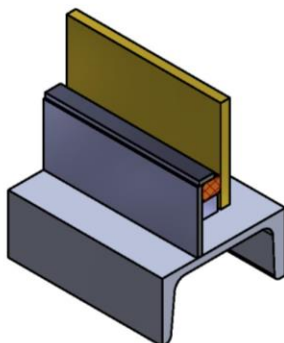
5. Flexible steel



6. Raised  
Steel vs. Steel

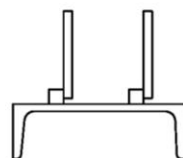


7. Raised  
Glass fiber braid



## For air sealing

Type D



Type DT

