

END FITTINGS for STAINLESS STEEL EXPANSION JOINTS

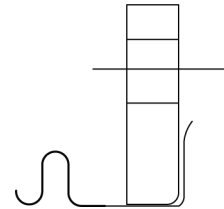
Loose Flanges/ Van Stone

Advantages:

- Flanges not in contact with medium
- Possible connection of non-weldable materials
- Lower costs compared to fixed flanges
- No circumferential welding seams
- Permits galvanisation/coating of flanges

Disadvantages:

- Only loose sleeve possible
- Not suitable for high pressure



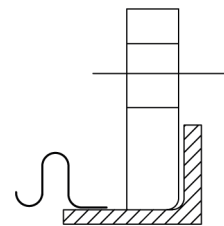
Loose flanges/ Stub end

Advantages:

- Flanges not in contact with medium
- Possible connection of non-weldable materials
- Permits galvanisation/coating of flanges
- Fixed sleeve possible

Disadvantages:

- More costly than Van Stone flanges



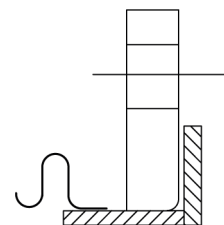
Loose Flanges/ Welded Ring

Advantages:

- Flanges not in contact with medium
- Possible connection of non-weldable materials
- Permits galvanisation/coating of flanges
- Fixed sleeve possible

Disadvantages:

- More costly than Van Stone flanges



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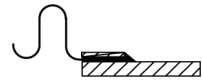
Welding Ends

Advantages:

- Simple
- Low costs

Disadvantages:

- Requires on site welding and inspection



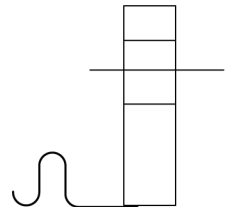
Fixed Flanges

Advantages:

- Easy to replace

Disadvantages:

- Flanges in contact with medium
- Relatively high costs



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SLEEVES / LINERS for STAINLESS STEEL EXPANSION JOINTS

Single Sleeve

Advantages:

- Protection of bellows
- Weep holes possible



Disadvantages:

- Reduction of flow diameter

Double Sleeve

Advantages:

- Optimum protection of bellows



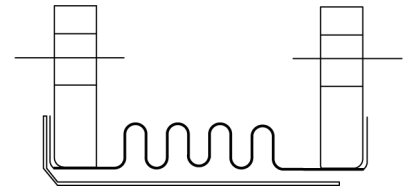
Disadvantages:

- Reduction of flow diameter
- More costly than single sleeve

Loose Sleeve

Advantages:

- Protection of bellows
- Enable inspection of bellows interior



Disadvantages:

- More costly than fixed sleeve

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