



## LINE DRAINAGE SYSTEMS SLOT CHANNELS

**Slot channels** are used as a simple and cheap surfaces drainage system where high hydraulic efficiency of a channel is not required. They are perfect for rooms where condensate drips from air conditioners and also for dairy plants, bakeries and swimming pools. **Slot channels** are also used to separate wet and dry surfaces.

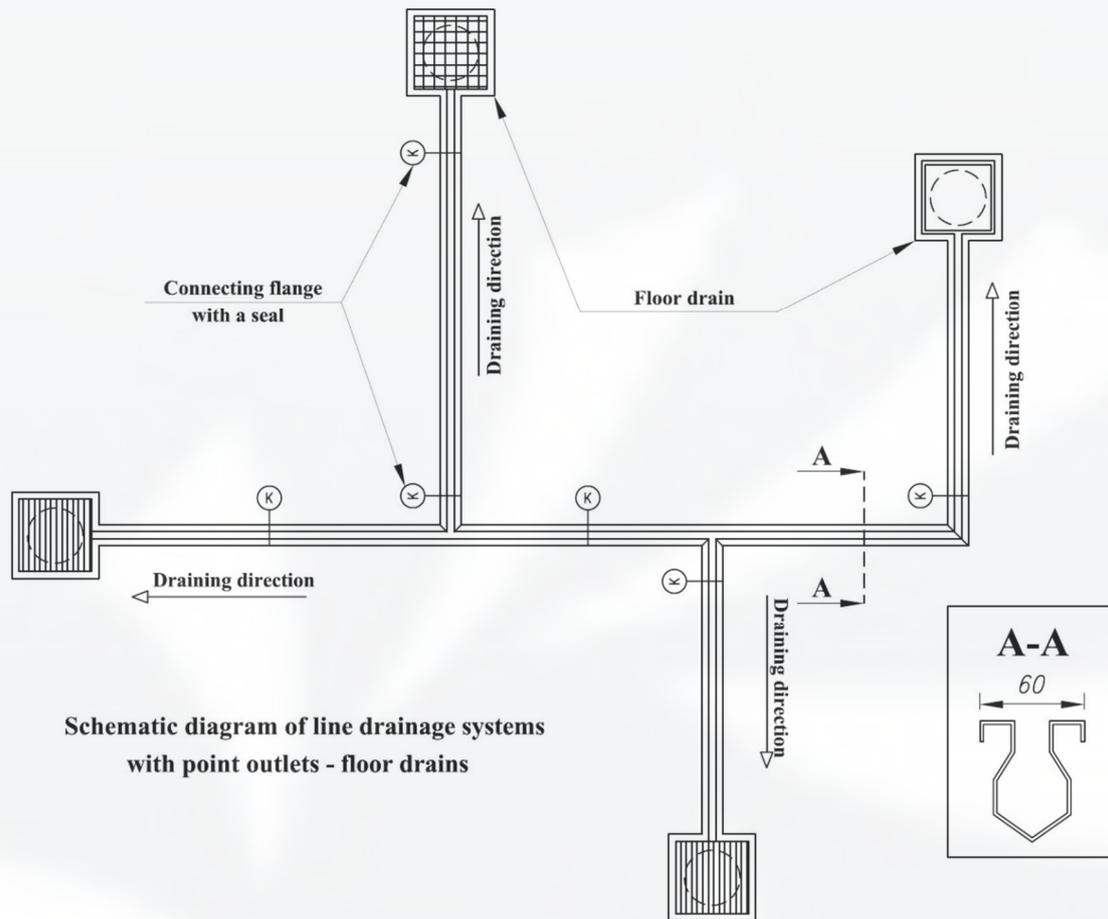
**Line drainage systems** are made of stainless or acid-resisting sheet (AISI 304 or AISI 316).



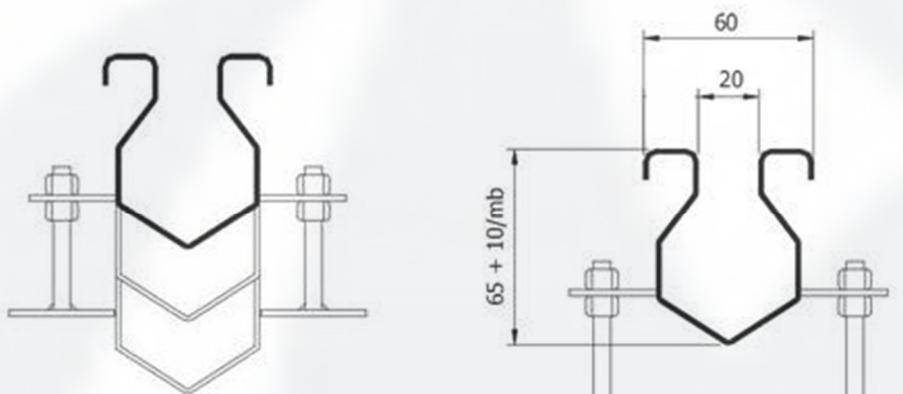
### Advantages:

- Cheaper than standard drainage channel
- Easy installation
- Good fit with other architectural elements
- Do not require a grating

They are provided with their own bottom drop. They can also be matched to given ceiling thickness. Carrying away water from **slot channel** can be also performed by a **stub pipe** or **floor drain** with sediment basket and siphon. Segments of channels longer than 4[m] are ended by flange with a seal.



## Section of the slot drainage channel:



In order to make assembly easier every channel is equipped with rectification screws and anchoring elements. They allow **slot channel** to be leveled correctly and secured in concrete. **Slot channels** are offered in **wide range of sizes and shapes**.

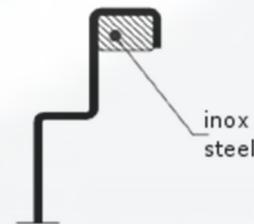


## Edge backfilling:

Standard edge without backfilling



Edge backfilled with stainless steel. The edge backfilled with a steel profile or flat bar – it should be used in the zones with intensive traffic and high loads



## Installing the channels:

- Before the process of installing the channels, turn each parts so as to ensure tightness between the segments - the connection flange - gasket - flange
- Install the channel prepared as above in the sewer service pipe's socket - spigot
- After completing the above it is time to leveling channel – edge of channel should be 1,0-1,5 [mm] below the floor level
- When the channel is stabilized, we recommend to secure it against from movement while concreting
- Pour concrete on the leveling legs and anchoring elements
- Supply of concrete in hard to reach areas should be done using a spatula
- During concreting, we recommend to insert the bar in place of the grating (wooden beam)
- Make sure the elements are clean, free of dirt. Remove gratings, sediment basket and trap