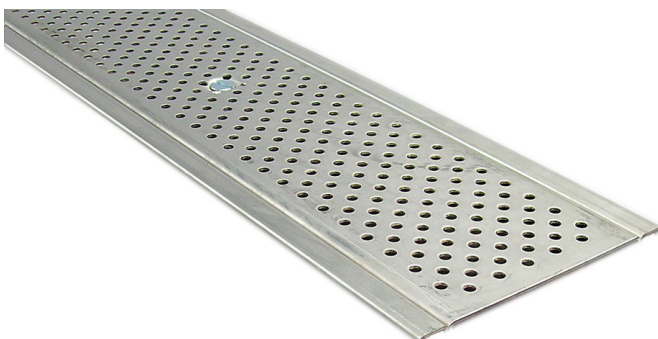


STAINLESS STEEL
SS600™
TRENCH DRAIN SYSTEM



Installation Manual



TRENCH DRAIN™
SYSTEMS

INSTALLATION TIPS

- Lay SS600 channels alongside the excavation prior to placement. Be sure to place channels in proper order and in correct slope direction.
- Evacuate to ensure at least 4" of concrete (or an amount equal to slab thickness, (whichever is greater) under all SS600 channels.
- Make the proper piping connections on the catch basin after it is supported in the excavation and then pour the bedding concrete.
- Begin the installation at the discharge (deepest) end of each run (i.e. highest numbered channel) and proceed upstream.
- Set the channel using the Installation Chairs. Installation Chairs require the use of #4 rebar by others.
- Neoprene gaskets may be used between channels. Otherwise, a caulk sealant is recommended between channel joints. Sealant should be able to withstand type of corrosive solutions that the drain will handle.
- Grates must be in place during concreting (remember to cover the grates first to ease cleanup and ensure easy removal of grates).
- Be sure to secure the channels to prevent "Floating" during concrete placement.
- Do not utilize the SS600 channels as expansion, control or construction joints and do not groove the concrete next to the channel.
- For sanitary sewer conditions, the channels may be edge sealed with an appropriate semi-rigid epoxy or polyurethane joint filler. Filler must be installed in such a way as not to leave the edge of the channels unsupported against the traffic.

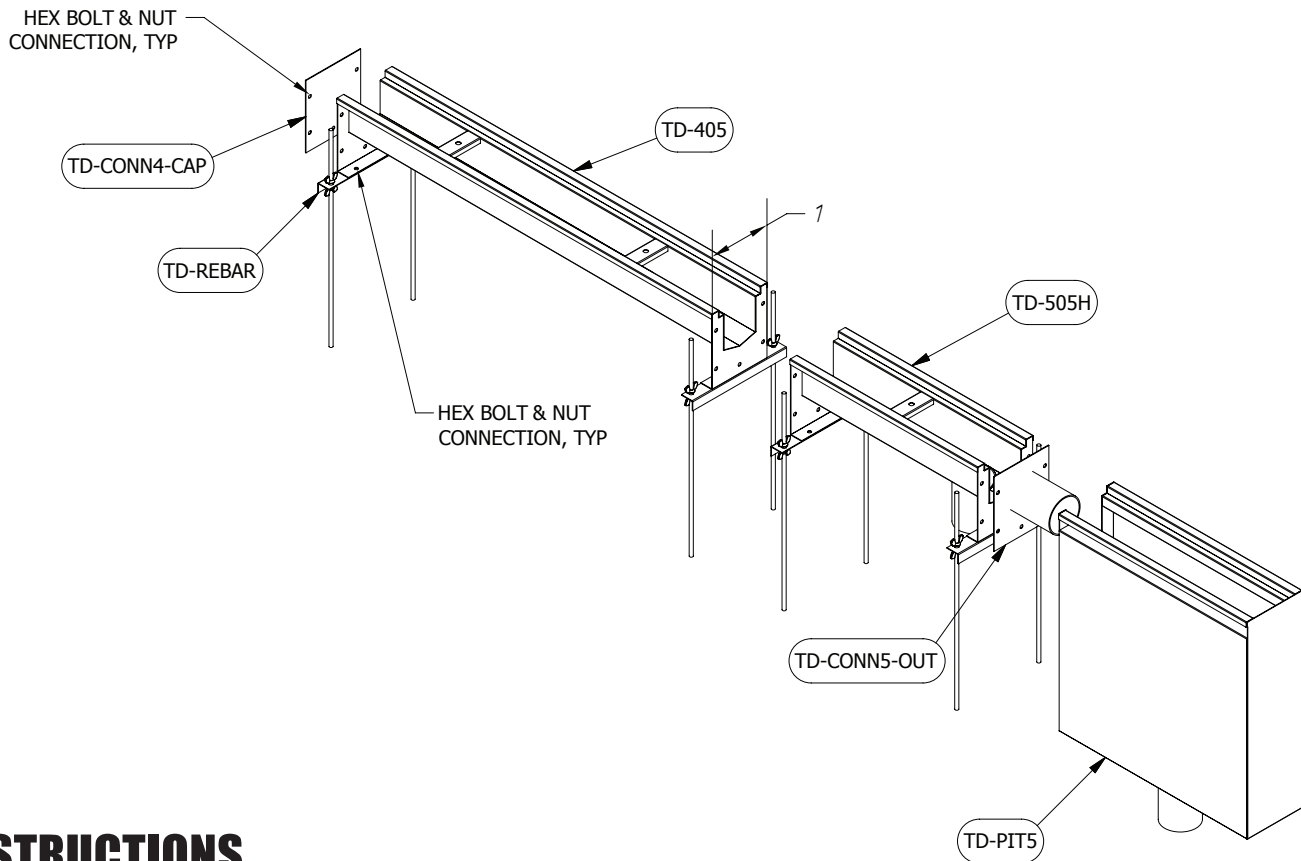
SS600™ Presloped Trench Drain is easy and economical to install.

- For new construction
- Industrial / commercial retrofit
- Results in reduced labor costs and downtime

A positive slope built into the the channel sections ensures proper drainage.

The following methods and illustrations will assist you in completing your SS 600 installation quickly and easily.

SPECIAL NOTE: When SS600™ Drain System is being installed, care must be taken to assure that the structural integrity of the slab is maintained. Bedding concrete dimensions and/or reinforcing steel requirements must be specified by a structural engineer.



INSTRUCTIONS

1. Excavate a trench allowing for room underneath and on both sides of channel. There should be a minimum of 4" of concrete surrounding the drain.
2. Assemble the 4 foot modular sections, starting with the deepest channel, with the hardware provided. Use either the neoprene gasket or a continuous bead of your chosen caulk sealant between each channel section.
3. If installing a catch basin, reinforce interior to prevent sidewall bowing.
4. Drive #4 rebar through openings on the installation chair to set the trench run at the desired elevation. A string line can be used to ensure a straight run.
5. Bolt the last (deepest) section of channel to the catch basin
6. Make all final connections to your drainage pipes.
7. Wrap grates in plastic and install in channel to prevent concrete spillage on grates or in channel.
8. Begin concrete pour. Vibrate concrete so that no voids are present. **MAKE SURE CONCRETE ENCAPSULATES THE ENTIRE PROFILE OF THE TRENCH DRAIN.**
9. Allow for concrete shrinkage during finish trowling so that the top surface of the trench drain does not protrude from the floor surface after concrete has cured.
10. After curing, remove plastic from grates and secure grates in place with grate hold-down devices.



3000 SERIES™

SERIOUS DRAINAGE • SERIOUS SOLUTIONS

- Up to 3000 GPM flow
- 8 ft channels for fast installation
- Continuous slope up to 120 feet runs
- Grating options for Class B through F loading
- Choice of Zinc Plated or Stainless frames
- 2 Catch Basin options
- Fast shipping to your job site



Call Today for a quote

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