

CHANNEL DRAIN

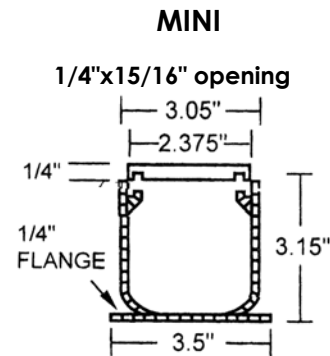
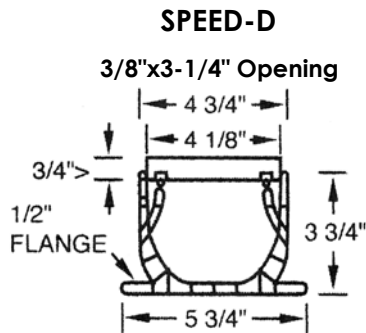


POUR IN PLACE

Plastic Drain

Channel Drains are a economical alternative to precast concrete drains. Light weight and easy to install. UV inhibitors in the grates, channel and component parts prevents fading and cracking from the sun. All plastic grate and channel components are chemically resistant, rust proof and maintenance free. Channel Drains operate on the same principal as a roof gutter. Mini, Spee-D and Micro drains connect like PVC pipe. Pro Series injected Molded Channel have mechanical interlocking joints. The channels easily connect to sewer and drain pipe fittings or SCH 40 pipe and fittings. This system also offers a choice of outlets. Water can be evacuated from the bottom or from the

end of the channel. It eliminates grading a deck surface to a low area. Instead, the deck is gradually sloped in one direction or plane, and the channel drain acts as a perimeter drain to the edge of the slope. Most hardscapes experience more runoff than landscapes due to the lack of water absorption. Channel Drain systems provide more overall open surface area than conventional area grates. Spee-D and Pro Series will handle light automobile traffic at low speeds. Mini and Micro are designed for foot traffic applications only. **For specific load information, contact Masons Supply.**



SPEED-D		
No.	Description	Color
NDS 241	2' Grate	Grey
NDS 243	2' Grate	Black
NDS 400	4' Channel	Grey
NDS 401	10' Channel	Grey
ACCESSORIES		
NDS 246	End Outlet w/2" Schedule 40 SPT	Grey
NDS 249	End Outlet w/3" & 4" Offset (Connects to 3" S&D Pipe, 4"S&D Fittings)	Grey
NDS 234	2' Channel w/Fabricated 3" & 4" Spigot (Bottom Outlet with Strainer)	Grey
NDS 247	Solid End Cap	Grey
NDS 248	Coupler	Grey
NDS 2381	90° Elbow Channel	w/Grey Grate
NDS 2301	45° Elbow Channel	w/Grey Grate
NDS 2371	Tee Channel	w/Grey Grate

MINI		
No.	Description	Color
NDS 541	3' Grate	Grey
NDS 500	6' Channel	Grey
Accessories		
NDS 548	Coupler	Grey
NDS 547	Solid End Cap	Grey
NDS 546	End Outlet w/2" Sch. 40	Grey
NDS 550	3' Channel w/2" Sch. 40 Spigot Bottom Outlet	Grey
NDS 5380	90° Elbow Channel	w/Grey Grate
NDS 5300	45° Elbow Channel	w/Grey Grate
NDS 5370	Tee Channel	w/Grey Grate



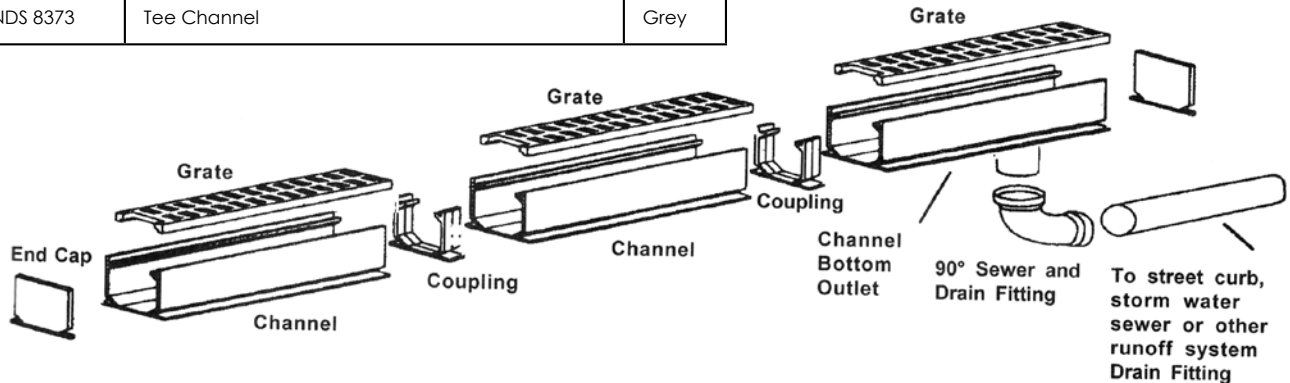
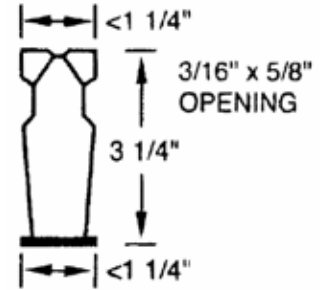
CHANNEL DRAIN

M A S C O . N E T

POUR IN PLACE

MICRO

No.	Description	Color
NDS 8003	10' Channel Includes (1 Coupler)	Grey
Accessories		
NDS 8653	Channel Clean Out	Grey
NDS 8481	Coupler	Grey
NDS 8473	End Cap	Grey
NDS 8463	End Outlet, w/1-1/2" Sch. 40	Grey
NDS 8503	Bottom Outlet w/ 1-1/2" Sch. 40 Outlet	Grey
NDS 8513	Side Outlet w/ 1-1/2" Sch. 40 Outlet	Grey
NDS 8383	90° Elbow Channel	Grey
NDS 8303	45° Elbow Channel	Grey
NDS 8373	Tee Channel	Grey



Installation Procedures

1. Locate lowest spot or any area where excess water will accumulate.
2. Dig trench wide enough to allow for 3" of back fill on each side of Spee-D, 2" for Mini Channel, 1" for Micro Channel and 4" for Pro Series. Dig trench deep enough for overall height of channel and grate plus 3" for Spee-d, 2" for Mini, 1" for Micro and 4" for Pro Series. Allow 1/4" recess of grate below surface level for additional drainage.
3. Backfill trench with either concrete or sand and tamp thoroughly. This allows for a level base and provides support. Concrete is always recommended for automobile traffic applications. **(NOTE: Trench bed must be compacted prior to installing channel.)**
4. Measure and cut channel with fine tooth saw to desired length and remove burrs. Assemble channel, using couplings and channel accessories. Test for accurate measurements by placing channel in trench. **(NOTE: You must allow for bottom or end outlets to connect to sewer and drain pipes).**
5. Disassemble channel drain and apply PVC primer and PVC cement to all joints. Reassemble channel joints. Allow cement to dry thoroughly.
6. Install grate on channel. Completely cover grate with duct tape. **(NOTE: Grate must be on channel prior to installation to prevent deflection by concrete).**