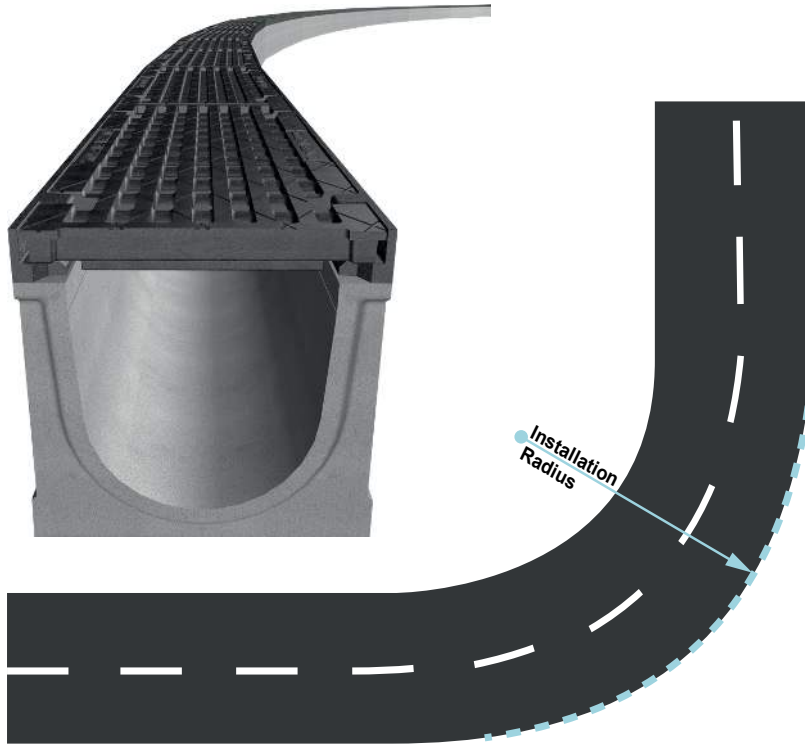


HydroTec™

Guide for Radius Installations

HYDROTEC Trench Drains can be installed in a radius by following the instructions below:



Make sure not to exceed a gap width of 1/4" for Heel Safe requirements and 1/2" ADA requirements.

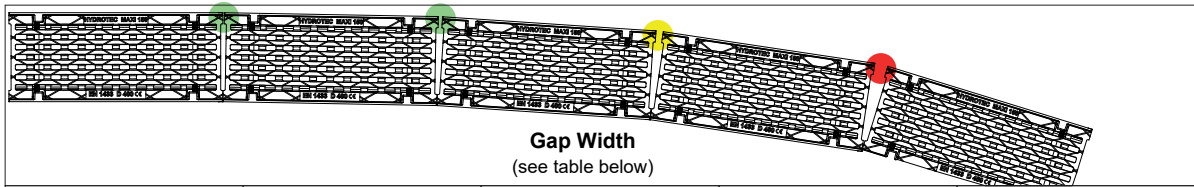


Additional steps may be required to meet end user requirements if the resulting gap is too large. Such as mitering the channels.



Joint tape may be required to close the gap between channels so concrete doesn't backfill into the channel during the encasement pour.

Narrower channels and 1/2 meter channels allow a tighter radius, eliminating unacceptable joint gaps.



Installation Radius [ft]	Gap Width (see table below)										Gap Width [in]		
	TOP / MAXI 100		TOP / MAXI 150		TOP / MAXI 200		MAXI F1 / PRO 300		MAXI F1 / PRO 400				
	4"		6"		8"		12"		16"				
	Trench Drain Length [in]		Trench Drain Length [in]		Trench Drain Length [in]		Trench Drain Length [in]		Trench Drain Length [in]				
	19.69"	39.37"	19.69"	39.37"	19.69"	39.37"	19.69"	39.37"	19.69"	39.37"			
15'	0,60"	1,21"	0,92"	1,84"	1,14"	2,27"	1,67"	3,34"	2,10"	4,20"	Optimal Gap		
25'	0,36"	0,72"	0,55"	1,11"	0,68"	1,36"	1,00"	2,00"	1,26"	2,52"		Max. Gap	
35'	0,26"	0,52"	0,39"	0,79"	0,49"	0,97"	0,72"	1,43"	0,90"	1,80"			Gap too large
60'	0,15"	0,30"	0,23"	0,46"	0,28"	0,57"	0,42"	0,84"	0,53"	1,05"			
80'	0,11"	0,23"	0,17"	0,35"	0,21"	0,43"	0,31"	0,63"	0,39"	0,79"			
100'	0,09"	0,18"	0,14"	0,28"	0,17"	0,34"	0,25"	0,50"	0,32"	0,63"			
120'	0,08"	0,15"	0,12"	0,23"	0,14"	0,28"	0,21"	0,42"	0,26"	0,53"			
150'	0,06"	0,12"	0,09"	0,18"	0,11"	0,23"	0,17"	0,33"	0,21"	0,42"			
180'	0,05"	0,10"	0,08"	0,15"	0,09"	0,19"	0,14"	0,28"	0,18"	0,35"			

Optimal Gap

Max. Gap

Gap too large