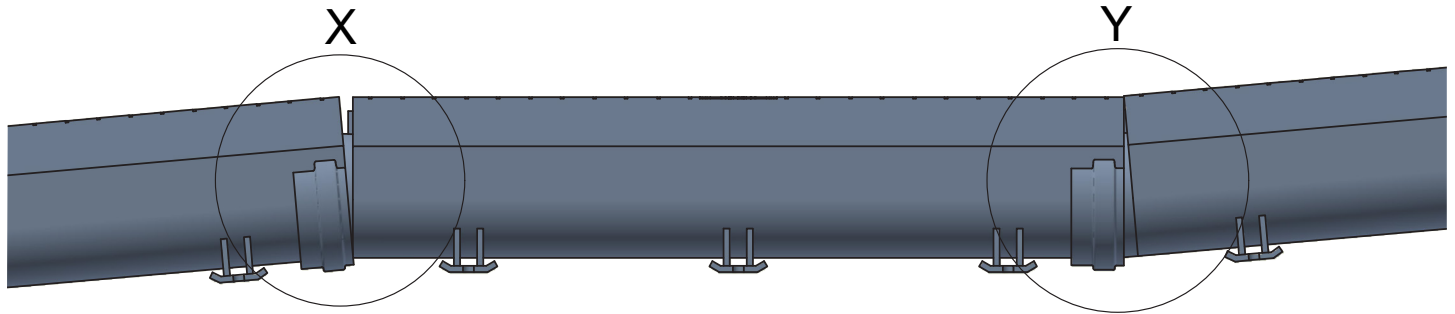


HydroBlock™

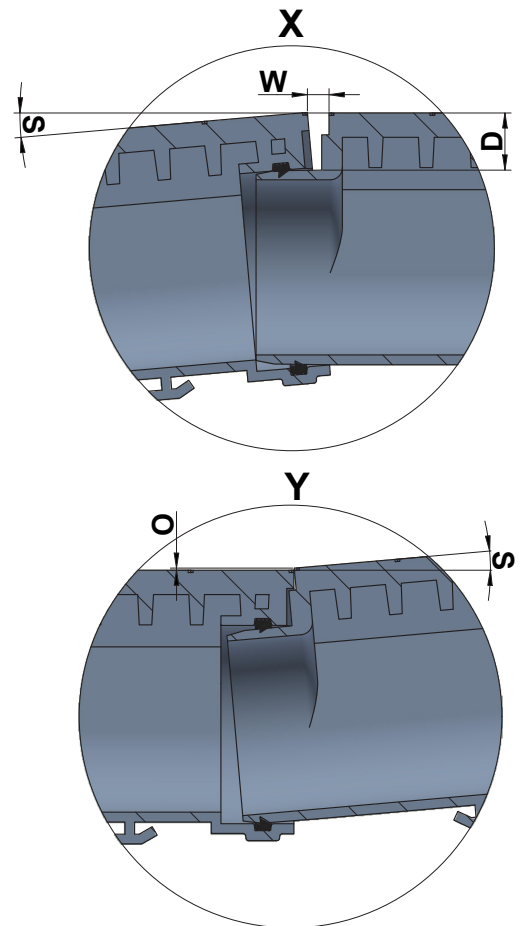
➤➤ Guideline for Joint Deflection

Changes in the slope of the surface (or Grade Breaks) that are perpendicular to the run of the trench system can be accommodated with the HydroBlock system. Grade breaks should be located at the joints between drain sections to minimize any effects on the drain system. Ideally, the grade break would also function as a control joint – if not, an expansion joint.



The table below shows the resulting joint gap at the top of grate (TOG) for a given grade break with our HydroBlock 150 (6" wide) and HydroBlock 300 (12" wide) system.

S Slope [°]	S Slope [%]	W Gap Width	D Gap Depth	O TOG Offset
HydroBlock 150				
1°	1.7%	0.16"	1.85"	0.0"
2°	3.4%	0.31"	1.85"	0.0"
3°	5.3%	0.43"	1.85"	0.0"
HydroBlock 300				
1°	1.7%	0.31"	2.87"	0.0"
2°	3.4%	0.55"	2.87"	0.0"
3°	5.3%	0.83"	2.87"	0.03"



- The resulting gaps in the joint should be filled with flexible, bituminous sealant.
- Grade breaks of more than 3 degrees are not recommended.