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TOP100



4" [100] WIDE THROAT TRENCH DRAIN SYSTEM WITH GALVANIZED STEEL FRAME

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

ENGINEERING SPECIFICATION: HYDROTEC TOP100 Channels shall be 39.37" [1000] long, 6.22" [158] wide reveal and have a 3.94" [100] wide throat. Modular channel sections shall be made of fiber-reinforced concrete C35/45. Shall have a male/female connection between channel sections that will not separate during the installation. Channels shall have a radiused self-cleaning bottom and 0.5% or neutral 0% built in slope. Channels shall have Galvanized Steel Edge Rails built into the fiber-reinforced concrete. Channels shall have all grates locked down as per HYDROTEC's patented locking mechanism whereby the polyamide rod is pushed and locked underneath the grate.

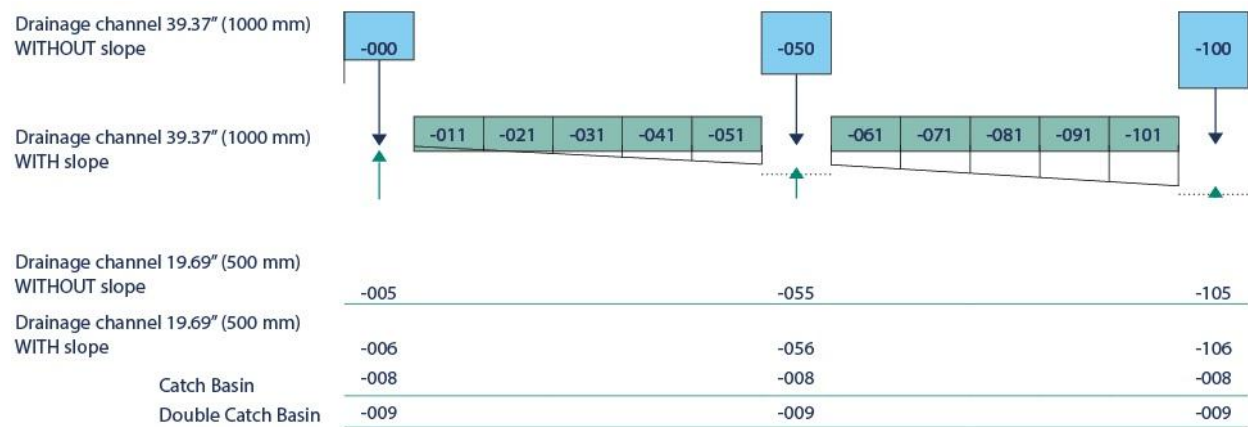
TOP 3.94" [100] wide throat **Galvanized Steel Slot ADA Grate is rated class A** per the DIN EN1433 top load classifications. Supplied in 39.37" [1000] or 19.69" [500] nominal lengths with 3.94/0.39 [100/10] wide slots. Grate has an open area of 16.96 sq. in per ft. [35,900 sq.mm per meter].

TOP 3.94" [100] wide throat **Galvanized Steel Slot ADA Grate is rated class C** per the DIN EN1433 top load classifications. Supplied in 39.37" [1000] or 19.69" [500] nominal lengths with 3.94/0.39 [100/10] wide slots. Grate has an open area of 16.96 sq. in per ft. [35,900 sq.mm per meter].

TOP 3.94" [100] wide throat **Galvanized Steel Mesh Grate is rated class C** per the DIN EN1433 top load classifications. Supplied in 39.37" [1000] or 19.69" [500] nominal lengths with 1.21/0.57 [30.8/14.5] wide slots. Grate has an open area of 47.71 sq. in per ft. [101,000 sq.mm per meter].

TOP 3.94" [100] throat **Ductile Iron Grate is rated class C** per the DIN EN1433 top load classifications. Ductile Iron conforms to ASTM specification A536-84, Grade 80-55-06. Supplied in 39.37" [1000] or 19.69" [500] nominal lengths with 4.72/0.55 [120/14] wide slots. Grate has an open area of 26.64 sq. in per ft. [56,395 sq.mm per meter].

Guide to Pre-Sloped Modular System

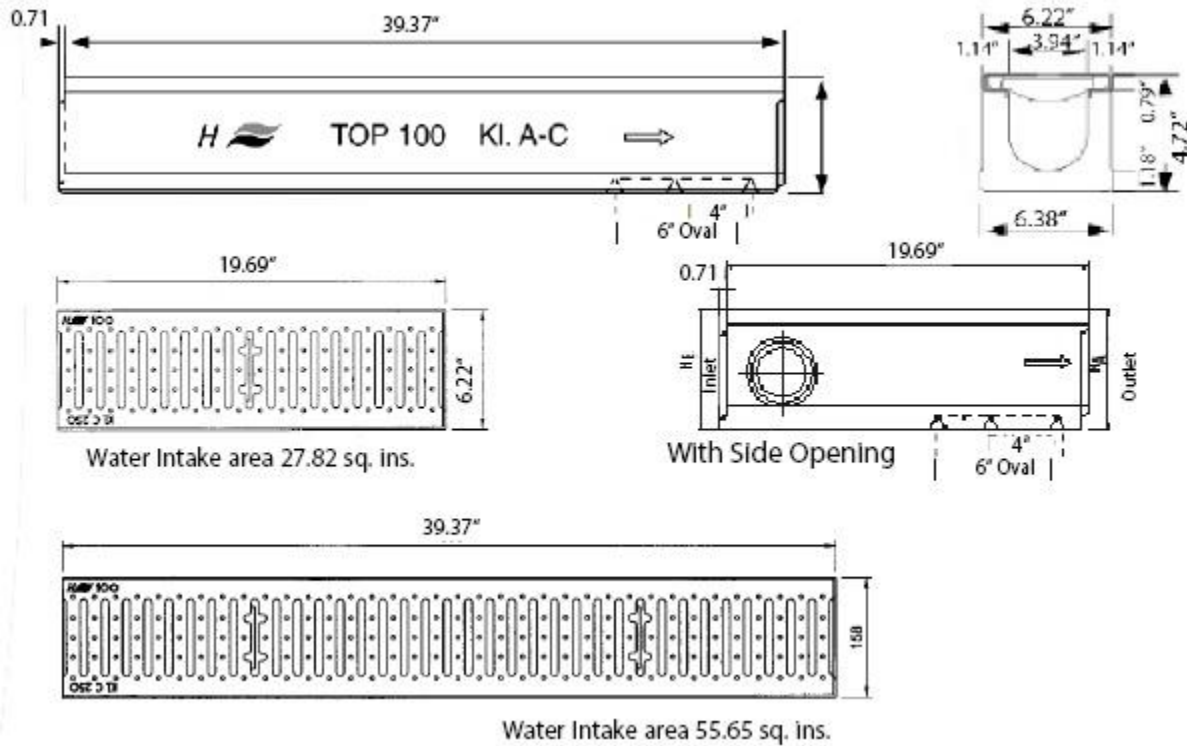


TOP100 Parts Guide

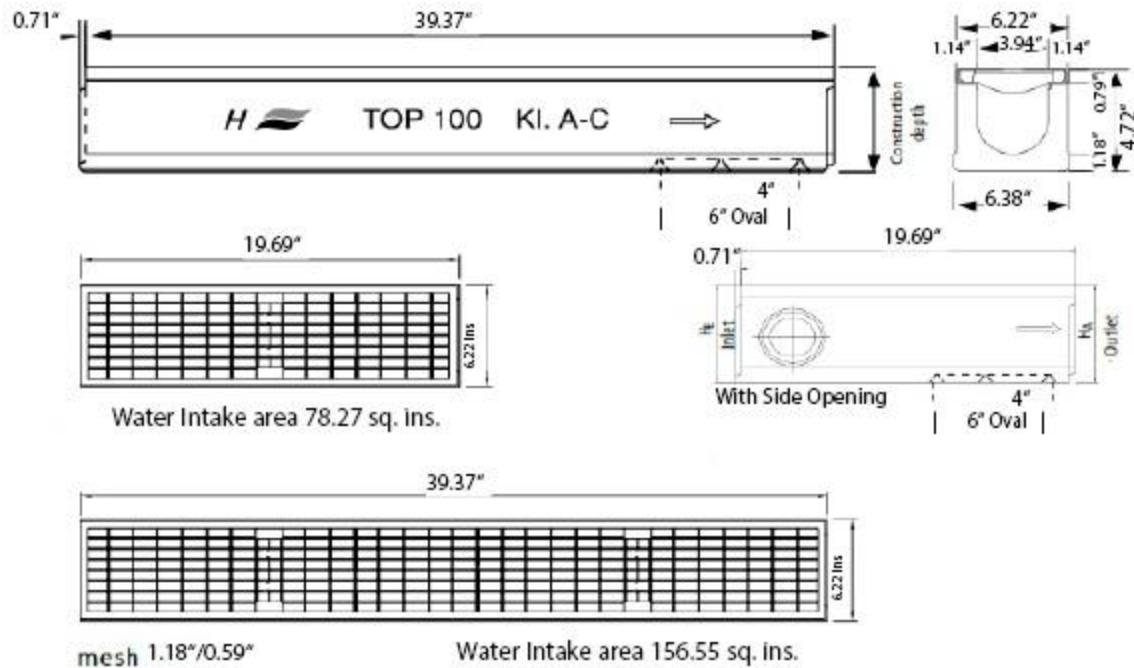
Product Description	With Galvanized Steel Slot ADA Class A Grate Part No.	Weight Lbs	With Galvanized Steel Slot ADA Class C Grate Part No.	Weight Lbs	With Galvanized Steel Mesh Class C Grate Part No.	Weight Lbs	With Ductile Iron Class C Grate Part No.	Weight Lbs	'A' Shallow Invert Inches [mm]	'B' Shallow Invert Inches [mm]
Neutral Channel 39.37" (1m)	CHG63210-000	70.5	CHG63430-000	76.1	CHG63230-000	75.0	CHG63130-000	102.74	6.30"[160]	6.30"[160]
Neutral Channel 19.69" (0.5m)	CHG63210-005	35.3	CHG63430-005	38.6	CHG63230-005	37.5	CHG63130-005	50.71	6.30"[160]	6.30"[160]
T1 Sloped Channel 39.37" (1m)	CHG63210-011	73.8	CHG63430-011	80.5	CHG63230-011	78.3	CHG63130-011	103.62	6.30"[160]	6.50"[165]
T2 Sloped Channel 39.37" (1m)	CHG63210-021	76.1	CHG63430-021	81.6	CHG63230-021	80.5	CHG63130-021	104.72	6.50"[165]	6.69"[170]
T3 Sloped Channel 39.37" (1m)	CHG63210-031	78.3	CHG63430-031	83.8	CHG63230-031	82.7	CHG63130-031	105.82	6.69"[170]	6.89"[175]
T4 Sloped Channel 39.37" (1m)	CHG63210-041	79.4	CHG63430-041	84.9	CHG63230-041	83.8	CHG63130-041	106.92	6.89"[175]	7.09"[180]
T5 Sloped Channel 39.37" (1m)	CHG63210-051	81.6	CHG63430-051	87.1	CHG63230-051	85.6	CHG63130-051	108.03	7.09"[180]	7.28"[185]
Neutral Channel 39.37" (1m)	CHG63210-050	82.7	CHG63430-050	88.2	CHG63230-050	87.1	CHG63130-050	108.47	7.28"[185]	7.28"[185]
Neutral Channel 19.69" (0.5m)	CHG63210-055	41.9	CHG63430-055	45.2	CHG63230-055	44.1	CHG63130-055	57.32	7.28"[185]	7.28"[185]
T6 Sloped Channel 39.37" (1m)	CHG63210-061	83.8	CHG63430-061	89.3	CHG63230-061	88.2	CHG63130-061	109.57	7.28"[185]	7.48"[190]
T7 Sloped Channel 39.37" (1m)	CHG63210-071	87.1	CHG63430-071	92.6	CHG63230-071	91.5	CHG63130-071	111.33	7.48"[190]	7.68"[195]
T8 Sloped Channel 39.37" (1m)	CHG63210-081	88.2	CHG63430-081	93.7	CHG63230-081	92.6	CHG63130-081	112.88	7.68"[195]	7.87"[200]
T9 Sloped Channel 39.37" (1m)	CHG63210-091	92.6	CHG63430-091	98.2	CHG63230-091	97.0	CHG63130-091	114.42	7.87"[200]	8.07"[205]
T10 Sloped Channel 39.37" (1m)	CHG63210-101	94.8	CHG63430-101	100.3	CHG63230-101	99.3	CHG63130-101	115.96	8.07"[205]	8.27"[210]
Neutral Channel 39.37" (1m)	CHG63210-100	95.9	CHG63430-100	102.6	CHG63230-100	100.3	CHG63130-100	116.62	8.27"[210]	8.27"[210]
Neutral Channel 19.69" (0.5m)	CHG63210-105	46.3	CHG63430-105	49.6	CHG63230-105	48.5	CHG63130-105	59.52	8.27"[210]	8.27"[210]
Catch Basin 19.69" (0.5m)	CHG63210-008	100.3	CHG63430-008	103.6	CHG63230-008	103.6	CHG63130-008	109.1	19.69"[500]	19.69"[500]

ACCESSORIES TOP100	Part. No
Closed End Cap for All TOP100 (2 Parts: Plastic Support + Galvanized Steel Cap)	CHG70011-10
Closed End Cap for 6.30" TOP100 (1 Iron Part)	CHG70011-11
Closed End Cap for 7.28" TOP100 (1 Iron Part)	CHG70011-12
Open End Cap for All TOP100 with Connection to 4" Pipe (2 Parts: Plastic Support + Galvanized Steel Cap)	CHG70011-20
4" Pipe Connection (PVC) for all TOP100	CHG70021-00
6" Pipe Connection (PVC) for all TOP100	CHG70021-60

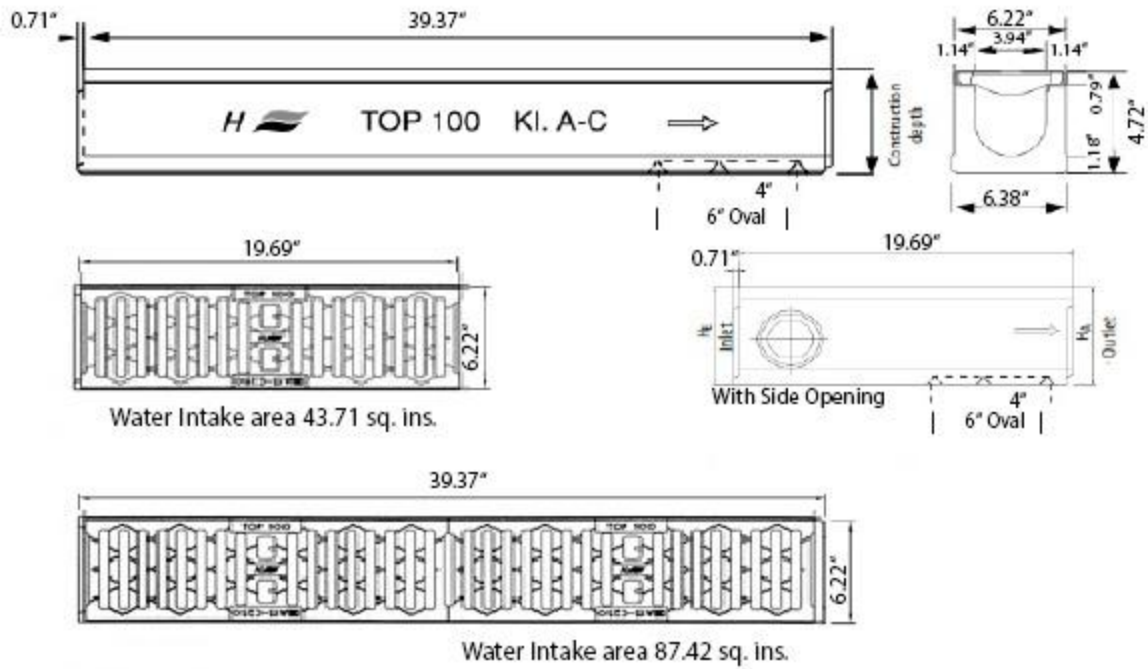
TOP100 with Galvanized Steel Slot ADA Load Class A (Part No. CHG63210-*) or C Grate: Part No. CHG63430-*)



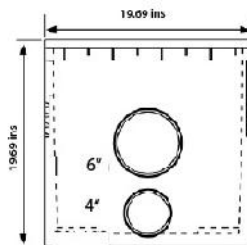
TOP100 with Galvanized Steel Mesh Load Class C Grate: Part No. CHG63230-*)



TOP100 with Ductile Iron Class C Grate: Part No. CHG63130-*



Catch Basin and End Caps for All TOP100



Catch Basin
incl. galvanized dirt
catcher



Closed End Piece
Part.No.:
CHG70011-10



Open End Piece with 4"
Pipe Connection
Part.No.:CHG70011-20