

Technical Specifications

12 in. Square Catch Basin Drains

APPLICATION

- Collects stormwater runoff and standing water and directs to drain pipes
- Use for lawns, landscaped areas, downspouts, patios, pool decks, driveways, and walkways from pedestrian to low-speed vehicular traffic loads
- Savings over more expensive concrete basins
- Use with compatible NDS grate options

FEATURES

- · Configured with 2, 3 and 4 factory pre-keyed outlets
- Reduce to 1 single outlet, order 1206 plug or buy kit
- Keyed pipe connectors for 3 in., 4 in., 6 in., or 8 in. drain pipes
- Additional cut-out guides on 2 sides and bottom for keyed adapters, 3 in. and 4 in. S&D in 2 elevations
- 4 weephole knockouts allow for standing water in basin to slowly drain into the soil following a flow event
- · Supporting ribs for added grate strength and durability
- Sump collects sediment particles before they can enter the pipeline
- Guidelines on basin sides indicate correct pour depth of the concrete collar required for basins that will be subject to vehicular loading (see installation detail)
- Risers can be stacked to increase basin depth, as required
- Accepts 2 #6 screws to attach compatible grates

OPERATING RANGE

Capacity up to 348 GPM (max open area grate option)

SPECIFICATIONS

- Made of black polypropylene using a combination of virgin and recycled content treated with UV inhibitors
- Soil-tight pipe connections, up to 8 in.
- Connections can be made watertight with sealant caulk
- Accommodates rigid PVC pipe and flexible corrugated HDPE pipe (see connectors or cutout sizes)
- Weight:
 - Part Number 1200: 4.25 lbs.
 - Part Number 1203: 3.75 lbs.
 - Part Number 1204: 3.20 lbs.

WARRANTY

Limited one-year warranty

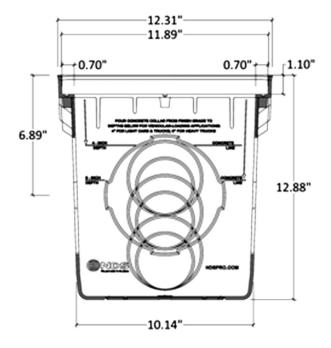
TS_12in_CatchBasin 092023

Page 1 of 3

Part Number 1200 = 2 side outlets Part Number 1203 = 3 side outlets Part Number 1204 = 4 side outlets



Image of 1200 basin w/ 1243 pipe connector w/ 1212 slotted grate w/ 1206 plug on far side



IN THE USA

Technical Specifications

NDS 12 in. Tapered Catch Basins

		1200	1203	
Part Number	Pre-keyed Outlet			
1200	2 openings			
1203	3 openings	13		
1204	4 openings			
		1		

Compatible NDS Filter

Part Number	Description		
1200FF	12 in. Catch Basin Filter		





Cutaway view of 1200FF in Catch Basin

Compatible NDS Grates

Part Number	Color	Material	Description	Flow Rate*	1213	1215	1230B		
1213	Gray	Ductile iron	Slotted ADA-compliant NDS Class C load rated	114 GPM					
1215	Silver	Galvanized steel	Slotted NDS Class C load rated	348 GPM					
1230B	Brass	Brass	Slotted ADA-compliant NDS Class B load rated	131 GPM	1210	1211	1212	1212S	
1210	Gray			155 GPM	1210	1211	1212	12120	
1211	Black		HDPE Slotted ADA-compliant NDS Class B load rated						
1212	Green	HDPE							
1212S	Sand				I II				
1218	Black				1218	1218GR	1218GY	1218S	1218
1218GR	Green		Decorative botanical	75 GPM	1210	1210GR	121001	12103	1210
1218GY	Gray	HDPE	design ADA-compliant NDS Class B load rated		75 GPM	21012	20125	ENE	3
1218S	Sand				2015	20072	20075	2007-	200
1218CI	Gray	Cast iron			212 112	2020	当にいき	20202	ミリンク
1224	Black								
1224GR	Green		Decorative wave	design ADA-compliant	1224	1224GR	1224GY	1224S	1224
1224GY	Gray	HDPE	ADA-compliant		ALCONOMIC D	AND DOMINING T	PLATE MANAGER	ALL DESCRIPTION OF THE OWNER OWNER OF THE OWNER	********
1224S	Sand		NDS Class B load rated	79 GPM	Concentration of the		1	CG:	111:1:
1224CI	Gray	Cast iron	Decorative wave design ADA-compliant, heel-proof NDS Class B load rated			11111	Linitanii i		**********
1200DSG	Black	HDPE	Downspout Defender ®	247 GPM	1200DSG	1280	12	290	1220
1280	Green	HDPE	Domed atrium	155 GPM		TACCO			
1290	Black								
1220	Black	HDPE	Solid cover	N/A	No and				

*Calculated with 0.5" of head above grate top

TS_12in_CatchBasin 092023

Page 2 of 3

IN THE USA

Compatible Outlet Adapters & Plug

	Part Number	Flow Rate*	Pipe Diameter	Invert Depth**
	1242	78 GPM	3 in.	8.69 in.
	1242		4 in.	9.31 in.
В	1243	78 GPM	3 in.	8.75 in.
В	1243		4 in.	9.38 in.
	1245	70 GPM	3 in.	7.88 in.
	(high elevation)	70 GPIVI	4 in.	8.38 in.
	1045 (loff)	76 GPM	3 in.	8.94 in.
с	1245 (left)	76 GPM	4 in.	9.44 in.
	1245 (right)	70.0014	3 in.	8.50 in.
	1243 (nghi)	76 GPM	4 in.	9.00 in.
	1245	83 GPM	3 in.	9.63 in.
	(low elevation)	83 GPM	4 in.	10.13 in.
D	1266 247 GPM		6 in.	10.31 in.
E	1889 (low elevation)	238 GPM	8 in.	11.38 in.
F	1206	N/A	N/A	N/A

*Calculated with 0.5" of head above basin rim

** Vertical inches from basin rim to pipe invert in outlet

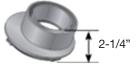
Compatible NDS Accessories

Part Number	Description
1216	12 in. Catch Basin Riser, 6 in. nested height
1217	12 in. Catch Basin Riser with 2 openings, 10 in. nested height

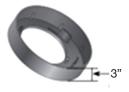
1242 3-3/4"

3" & 4" Universal Outlet with 4" Spigot

1245

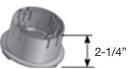


3" & 4" Offset Universal Outlet



8" Offset Universal Outlet Material: Styrene Weight: 0.74 lbs.





3". & 4" Universal Locking Outlet

1266



Locking Outlet



6" Universal Adapter Plug Material: Styrene Weight: 0.35 lbs.

6' 1216 1217 Plug Ε D 8" Pipe 6" Pipe 3" or 4" Pipe

TS_12in_CatchBasin 092023

Page 3 of 3

IN THE USA