



*Precast
Product
Portfolio*

V1 2025

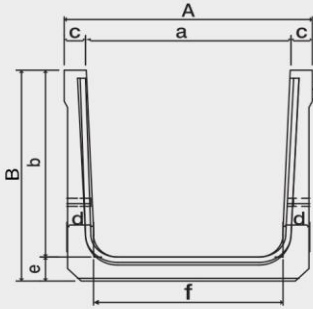
THINKING PRECAST ?
THINK **TAKSH**



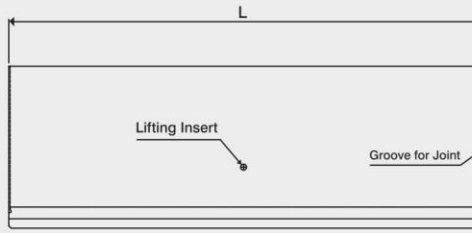
PRECAST U-SHAPE DRAIN (T6)

High-Strength Precast Drains Crafted from premium reinforced cement concrete using advanced self-compacting technology, these precast drains meet global quality benchmarks and comply with Indian standards. Designed to support wheel loads up to **2.4 tonnes**, they are suitable for **light vehicular traffic**. Ideal for infrastructure applications such as **stormwater drainage, power cable routing, and telecommunication ducting**.

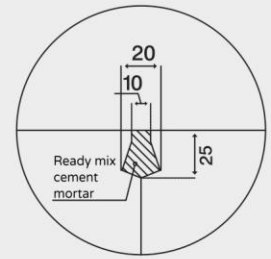
Section



Side View



Typical Joint Details



PRECAST U-SHAPE DRAIN (T6)

[All Dimensions in mm]*

Size (mm)	a & b	A	B	c	d & e	f	L
300X300	300	420	370	60	70	280	2000
450X450	450	550	520	65	70	410	2000
600X600	600	730	680	65	80	550	2000
750X750	750	890	840	70	90	690	2000
900X900	900	1070	1010	85	110	820	2000

Standard Tolerance Apply*

PRECAST U-SHAPE DRAIN LID (T6)

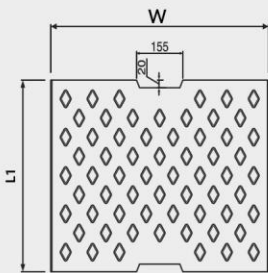
[All Dimensions in mm]*

w	T	L1
390	60	500
550	70	500
730	80	500
890	90	500
1070	100	500

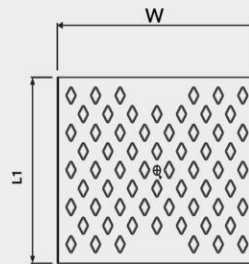
Note: Customized sizes available for mass quantity.

Lid Top View

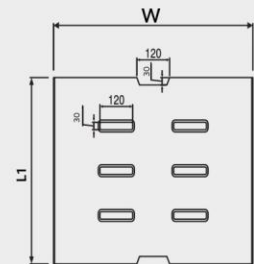
Standard Perforated Lid for SWD



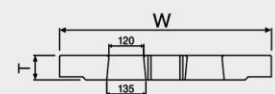
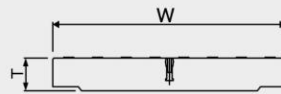
Anti-skid Lid for Cable Duct



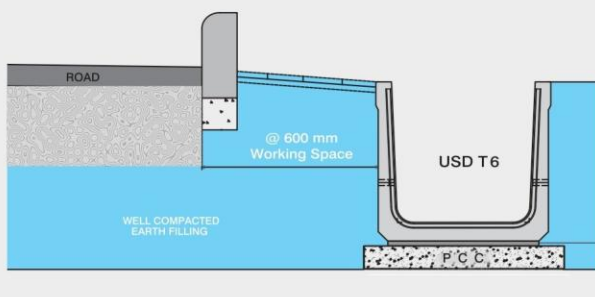
Extra Perforated Lid for SWD



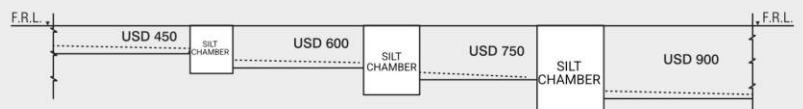
Lid Side View

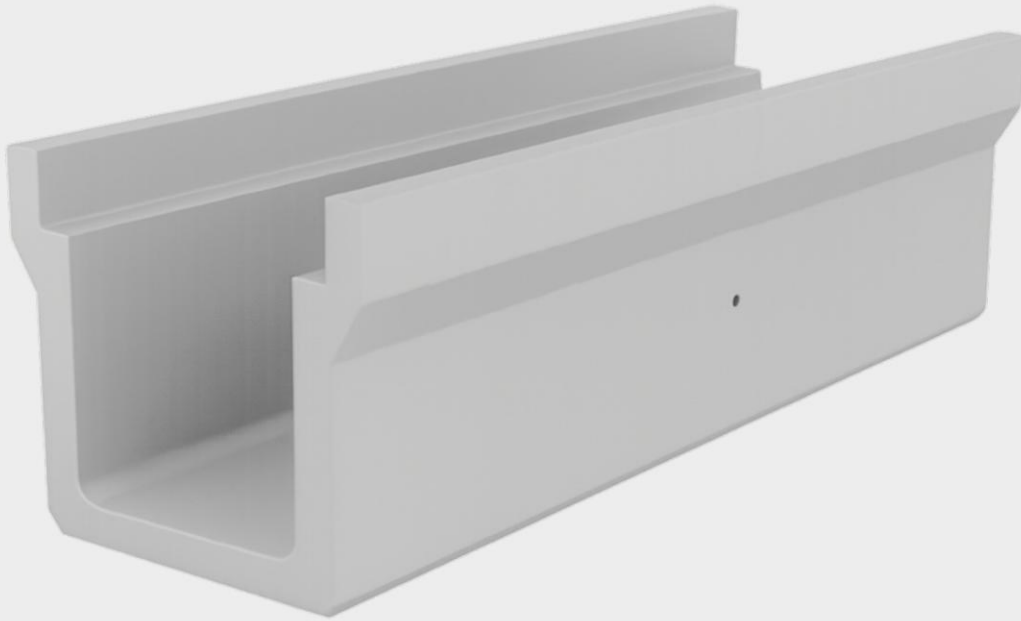


Typical Section Of USD T6 as SWD



Typical Cross Section Of Slope

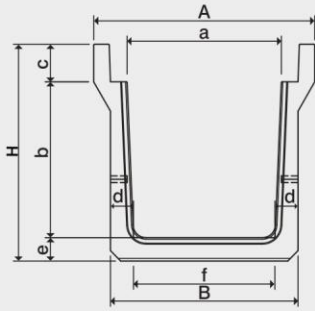




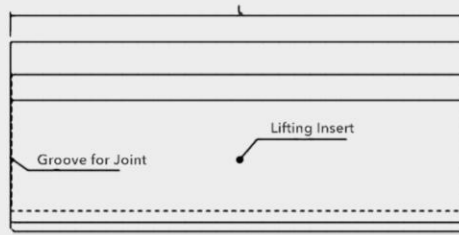
PRECAST U-SHAPE DRAIN (T25)

Manufactured using **high-performance self-compacting concrete**, these precast reinforced cement concrete drains are designed to meet global quality benchmarks and conform to relevant Indian specifications. With a wheel load-bearing capacity of up to **5.0 tonnes**, they are suitable for heavy vehicular movement. Their robust construction and precision engineering make them ideal for applications such as **stormwater drainage, power cable ducts, and telecommunication conduits**.

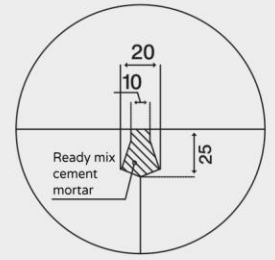
Section



Side View



Typical Joint Details



PRECAST U-SHAPE DRAIN (T25)
[All Dimensions in mm]*

PRECAST U-SHAPE DRAIN LID (T25)
[All Dimensions in mm]*

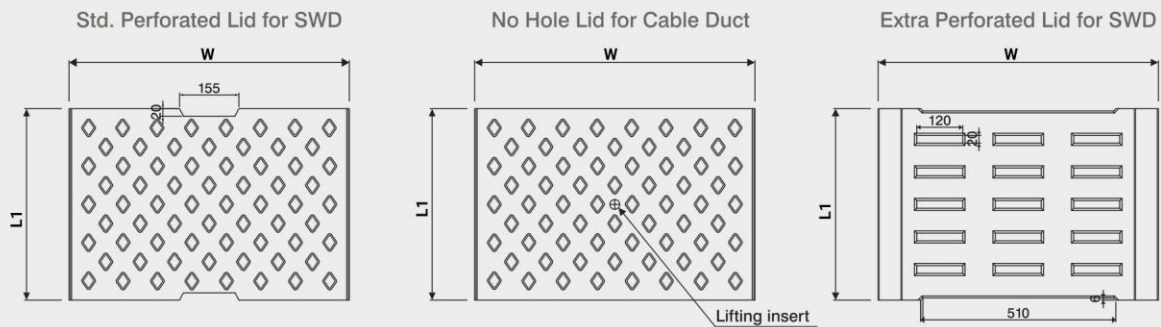
Size (mm)	a & b	A	H	B	c	d & e	f	L
300X300	300	540	480	420	110	70	280	2000
450X450	450	700	660	590	130	80	430	2000
600X600	600	860	835	730	145	90	550	2000
750X750	750	1050	1000	890	150	100	690	2000
900X900	900	1200	1170	1070	150	120	830	2000
1200X1200	1200	1500	1470	1340	150	120	1100	2000

W	T	L1
410	110	500
572	130	500
732	145	500
902	150	500
1052	150	500
1330	150	500

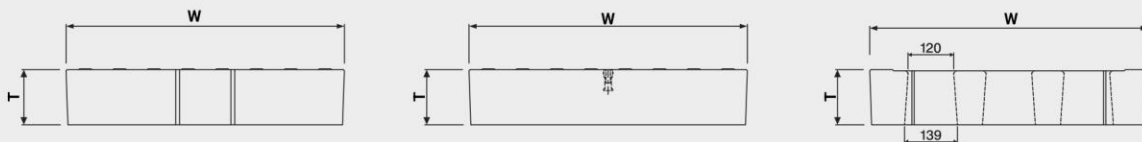
Standard Tolerance Apply*

Note: Customized sizes available for mass quantity.

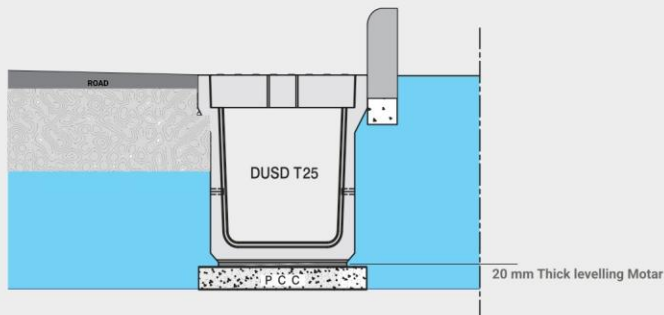
Lid Top View



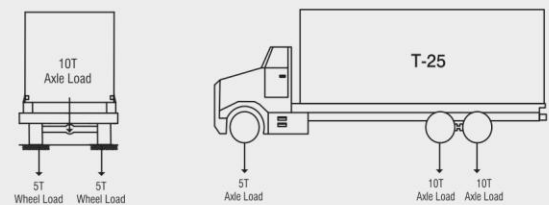
Lid Side View



Typical Section Of USD T25 as SWD

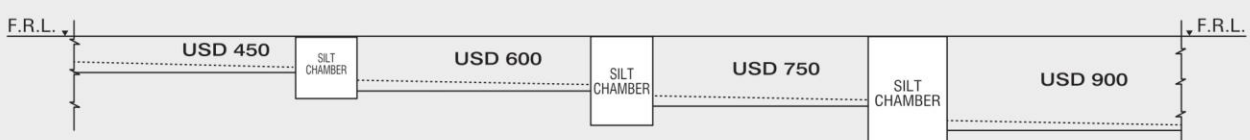


Load Carrying Capacity : 5T Wheel Load (T 25)



Note: USD(T 25) is a longitudinal drain and it is intended to be used at the shoulder of the road.

Typical Cross Section Of Slope

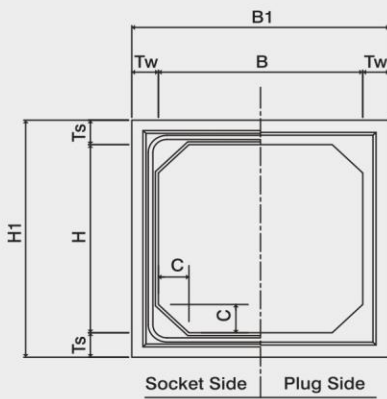




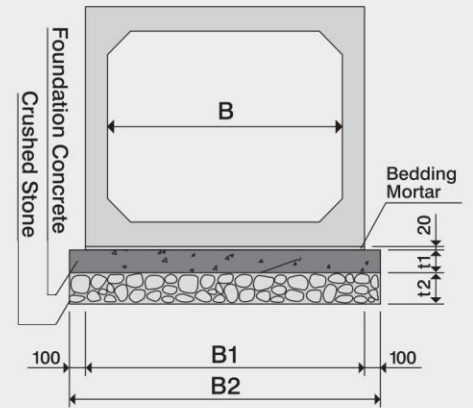
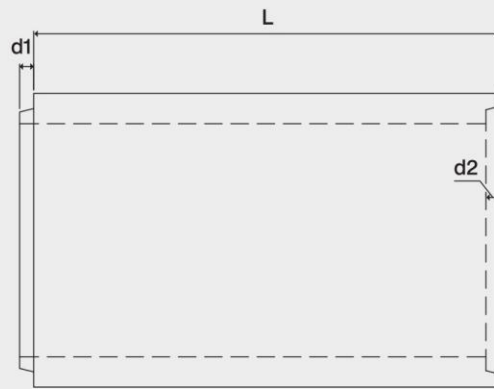
PRECAST BOX CULVERT

Engineered from high-strength reinforced concrete and produced using advanced self-compacting concrete, these precast box culverts meet global quality standards and fully comply with Indian specifications. Designed to withstand **5-tonne wheel loads** and **10-tonne axle loads**, they are ideal for **heavy truck movement**. Suitable for a wide range of infrastructure applications including **stormwater drainage, power and utility ducts**, and **road crossings**, they offer a durable and efficient alternative to traditional pipe culverts

Front View



Side View



B × H (mm)	B	B1	H	H1	L	TS	TW	C	d1	d2
300 X 300	300 / 285	416 / 390	300	475	2000	95 / 80	55	C30 / R50	-	-
500 X 500	500	680	500	740	2000	120	90	50	-	-
600 X 600	600 / 547	775 / 695	600	860	2000	130	80	C50 / R80	60	60
800 X 800	800	1060	800	1060	2000	130	130	100	60	60
800 X 1000	800	860	1000	1260	2000	130	130	150	60	60
900 X 1000	900	1160	1000	1260	2000	130	130	150	60	60
900 X 1200	900	1160	1200	1460	2000	130	130	150	60	60
1200 X 1000	1200	1460	1000	1260	2000	130	130	150	60	60
1000 X 600	1000	1260	600	860	2000	130	130	150	60	60
1000 X 900	1000	1260	900	1160	2000	130	130	150	60	60
1000 X 1200	1000	1260	1200	1460	2000	130	130	150	60	60
800 X 1400	800	1060	1400	1660	2000	130	130	150	60	60
900 X 1400	900	1160	1400	1660	2000	130	130	150	60	60
1000 X 1400	1000	1260	1400	1660	2000	130	130	150	60	60
1100 X 1400	1100	1360	1400	1660	2000	130	130	150	60	60
1200 X 1400	1200	1460	1400	1660	2000	130	130	150	60	60
1300 X 1400	1300	1560	1400	1660	2000	130	130	150	60	60
1400 X 1400	1400	1660	1400	1700	2000	150	130	150	60	60
1500 X 1400	1500	1760	1400	1700	2000	150	130	150	60	60
1400 X 900	1400	1660	900	1160	2000	130	130	150	60	60
1400 X 1000	1400	1660	1000	1260	2000	130	130	150	60	60
1400 X 1100	1400	1660	1100	1360	2000	130	130	150	60	60
1400 X 1200	1400	1660	1200	1460	2000	130	130	150	60	60
2000 X 1200	2000	2320	1200	1560	2000	180	160	200	80	80
2000 X 1500	2000	2320	1500	1860	2000	180	160	200	80	80
2000 X 1800	2000	2320	1800	2160	2000	180	160	200	80	80
2000 X 2000	2000	2320	2000	2360	2000	180	160	200	80	80
2500 X 1500	2500	2900	1500	1940	1500	220	200	200	80	80
2500 X 1800	2500	2900	1800	2240	1500	220	200	200	80	80
2500 X 2500	2500	2900	2500	2940	1500	220	200	200	80	80

Note: Customized sizes available for mass quantity.

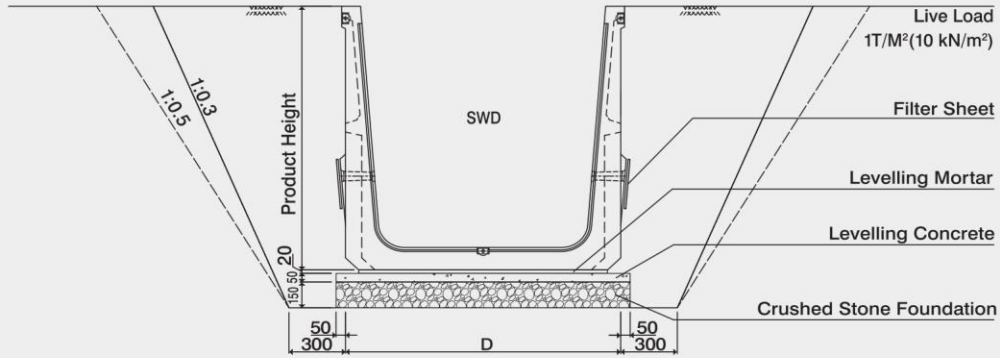
[All Dimensions in mm]



PRECAST FT-FLUME

Robust large-format precast FT Flume Drains made from high-strength reinforced cement concrete, utilizing advanced self-compacting concrete technology to meet global quality standards. Fully compliant with Indian specifications, these flumes are engineered to support pedestrian loads up to **1.8 kN/m²**. Ideal for use in **stormwater drainage, canal systems, and utility corridors for power and telecommunication cables.**

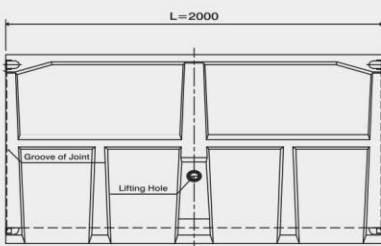
Typical Section Of Ft-Flume as Open Storm Water Drain



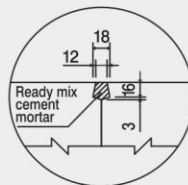
Typical Section Of FT-Flume as Closed Storm Water Drain / Cable Duct



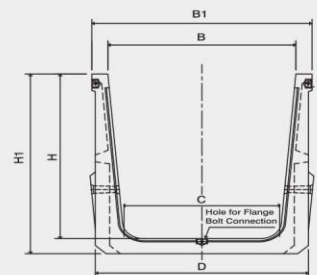
SIDE VIEW



Joint Details



Section



H: 800 (H1: 885)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160
C	680	780	880	980	1080	1180	1280	1380	1480	1580	1680	1780	1880
D	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	1920	2020	2120

[All Dimensions in mm]

H: 900 (H1: 995)

Width: B (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
B1	780	880	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980
C	465	565	665	765	865	965	1065	1165	1265	1365	1465	1565	1665
D	740	840	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940

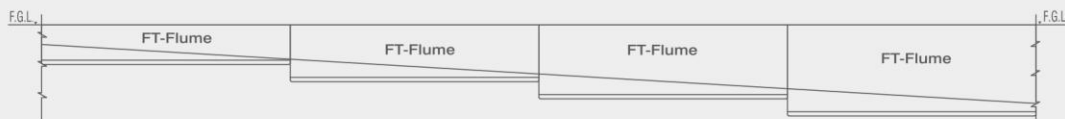
[All Dimensions in mm]

H: 1000 (H1: 1105)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180
C	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850
D	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940	2040	2140

[All Dimensions in mm]

Typical Cross Section Of Slope



H: 1200 (H1: 1310)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180
C	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820
D	940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940	2040	2140

[All Dimensions in mm]

H: 1300 (H1: 1420)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
C	605	705	805	905	1005	1105	1205	1305	1405	1505	1605	1705	1805
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

[All Dimensions in mm]

H: 1400 (H1: 1530)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	590	690	790	890	990	1090	1190	1290	1390	1490	1590	1690	1790
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

[All Dimensions in mm]

H: 1500 (H1: 1640)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	575	675	775	875	975	1075	1175	1275	1375	1475	1575	1675	1775
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

[All Dimensions in mm]

H: 1600 (H1: 1740)

Width: B (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B1	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	560	660	760	860	960	1060	1160	1260	1360	1460	1560	1660	1760
D	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160

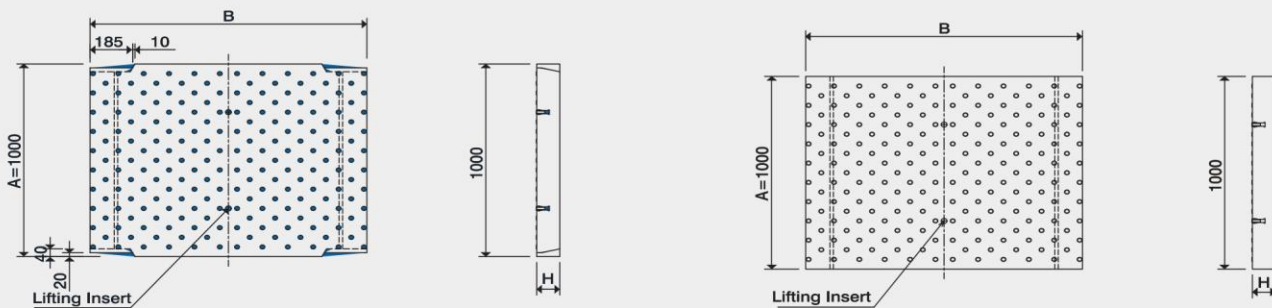
[All Dimensions in mm]

H: 1800 (H1: 1970)

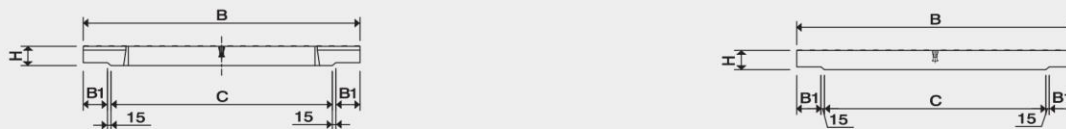
Width: B (mm)	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2500
B1	1170	1270	1370	1470	1570	1670	1770	1870	1970	2070	2170	2270	2770
C	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	2230
D	1090	1190	1290	1390	1490	1590	1690	1790	1890	1990	2090	2190	2690

[All Dimensions in mm]

LID TOP VIEW



LID SIDE VIEW



Lid For FT-Flume

H: 800 ~ 1600 (A: 1000)

FT-Flume Width (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
C	560	660	760	860	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960
H	100	100	100	100	100	100	100	100	130	130	130	130	130	130	130
B1	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105

[All Dimensions in mm]

Lid For FT-Flume

H: 1800 (A: 1000)

FT-Flume Width (mm)	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
B	1270	1370	1470	1570	1670	1770	1870	1970	2070	2170	2270
C	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960
H	100	100	100	100	130	130	130	130	130	130	130
B1	140	140	140	140	140	140	140	140	140	140	140

[All Dimensions in mm]



Material Excellence:

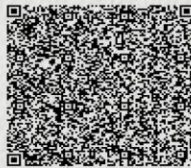
Made from high-strength, high-performance concrete for superior durability and load-bearing capacity.

Optimized Flow Design:

Smooth factory-molded surfaces minimize roughness coefficient, ensuring efficient water movement.

Zero-Defect Manufacturing:

Precision-crafted in controlled environments for consistent quality and reliability.



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