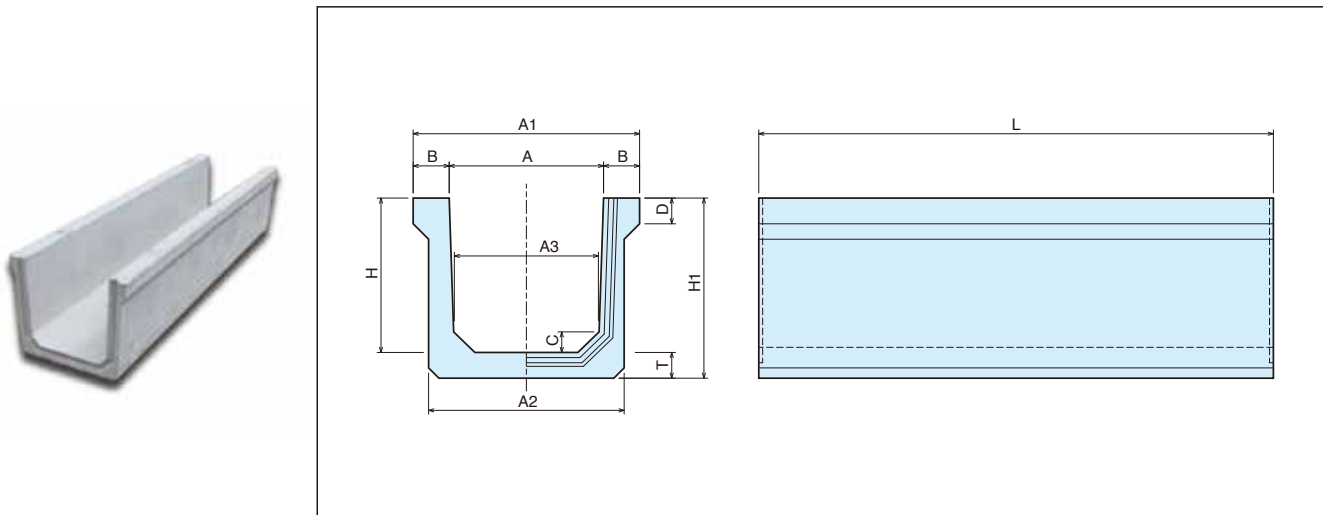


鉄筋コンクリート水路

一般的な用排水路に用い、必要に応じて蓋や受台をあわせて使用します。

[形状図]

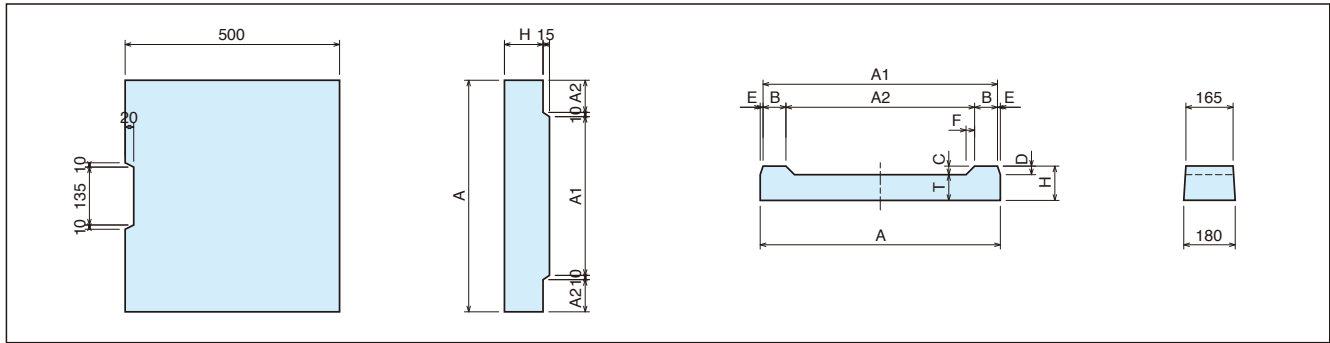


[規格表]

呼び名	形状寸法 (mm)											参考質量 (Kg)
	A	A1	A2	A3	B	C	D	H	H1	T	L	
200	200	320	265	185	60	30	40	200	240	40	2,000	135
300A	300	420	365	285	60	30	40	200	240	40	2,000	154
300B	300	420	375	285	60	35	45	250	295	45	2,000	196
300C	300	440	380	280	70	40	50	300	350	50	2,000	244
400A	400	540	480	380	70	40	50	300	350	50	2,000	268
400B	400	550	490	380	75	40	55	350	405	55	2,000	322
400C	400	560	490	370	80	40	60	400	460	60	2,000	378
450A	450	610	540	420	80	40	60	400	460	60	2,000	392
450B	450	620	550	420	85	50	65	450	515	65	2,000	461
500A	500	660	590	470	80	45	60	400	460	60	2,000	408
500B	500	670	600	470	85	50	65	450	515	65	2,000	476
600A	600	760	690	570	80	50	60	400	460	60	2,000	446
600B	600	780	710	570	90	50	70	500	570	70	2,000	581
600C	600	790	750	570	95	50	75	600	675	75	2,000	748
700	700	890	850	670	95	50	75	600	675	75	2,000	783
800A	800	990	950	770	95	50	75	600	675	75	2,000	818
800B	800	1,000	960	760	100	60	80	700	780	80	2,000	973
900A	900	1,100	1,070	860	100	60	80	700	780	80	2,000	1,010
900B	900	1,110	1,070	860	105	60	85	800	885	85	2,000	1,162
1,000	1,000	1,210	1,170	960	105	60	85	800	885	85	2,000	1,204
1,200	1,200	1,410	1,370	1,160	105	60	85	800	885	85	2,000	1,291
1,300	1,300	1,600	1,480	1,250	150	100	100	900	995	95	2,000	1,649
1,400	1,400	1,700	1,580	1,350	150	100	100	900	995	95	2,000	1,693
1,500	1,500	1,800	1,700	1,450	150	100	100	1,000	1,100	100	2,000	1,965



[形状図(鉄筋コンクリート蓋板・水路受台)]



[規格表(蓋板)]

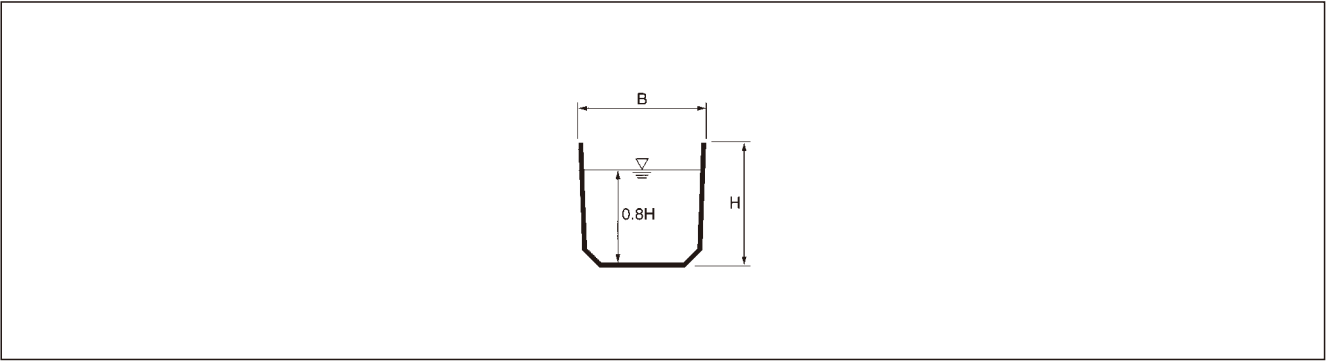
呼び名		形状寸法 (mm)				参考質量 (Kg)
種別	T荷重	A	A1	A2	H	
200K	T-6	320	170	65	55	23
	T-14	320	170	65	75	30
300	T-6	440	270	75	65	37
	T-14	440	270	75	90	48
400	T-6	560	370	85	75	54
	T-14	560	370	85	100	69
450	T-6	620	420	90	80	62
	T-14	620	420	90	110	84
500	T-6	670	470	90	85	72
	T-14	670	470	90	115	95
600	T-6	790	570	100	90	90
	T-14	790	570	100	120	116
700	T-6	890	670	100	95	108
	T-14	890	670	100	130	143
800	T-6	1,000	770	105	105	132
	T-14	1,000	770	105	140	172
900	T-6	1,100	870	105	110	152
	T-14	1,100	870	105	150	202
1,000	T-6	1,210	970	110	110	168
	T-14	1,210	970	110	160	238
1,200	T-6	1,410	1,170	110	125	232
	T-14	1,410	1,170	110	175	317
1,300	T-6	1,600	1,270	155	135	283
	T-14	1,600	1,270	155	180	368
1,400	T-6	1,700	1,370	155	140	311
	T-14	1,700	1,370	155	185	402
1,500	T-6	1,800	1,470	155	140	330
	T-14	1,800	1,470	155	190	436

[規格表(水路受台)]

呼び名	形状寸法 (mm)										参考質量 (Kg)
	A	A1	A2	B	C	D	E	F	H	T	
300	570	570	430	70	25	-	-	25	95	70	18
400	710	710	550	80	25	-	-	25	105	80	25
450	770	770	610	80	30	-	-	30	120	90	32
500	840	820	660	80	30	30	10	30	120	90	33
600	990	970	810	80	30	30	10	30	130	100	43
700	1,100	1,080	920	80	30	30	10	30	130	100	48
800	1,210	1,190	1,030	80	30	30	10	30	130	100	52
900	1,320	1,300	1,140	80	40	30	10	40	140	100	58
1,000	1,420	1,400	1,240	80	40	30	10	40	140	100	62
1,200	1,650	1,630	1,490	70	40	30	10	40	140	100	71
1,300	1,760	1,740	1,600	70	40	30	10	40	140	100	76
1,400	1,820	1,800	1,660	70	40	30	10	40	140	100	80
1,500	1,980	1,960	1,820	70	40	30	10	40	140	100	85



[通水断面図]



[流量表]

マンニング公式: $V = \frac{1}{n} \cdot R^{2/3} \cdot I^{1/2}$ (m/s)、 $Q = A \cdot V$ (m³/s) n (粗度係数) = 0.014

呼び名	200		300A		300B		300C		400A		400B	
内寸法 (cm) 幅×高	20×20		30×20		30×25		30×30		40×30		40×35	
流水断面積 (m ²)	0.0297		0.0457		0.0570		0.0675		0.0915		0.1070	
潤辺P (m)	0.4716		0.5016		0.6456		0.7153		0.8153		0.8950	
径深R (m)	0.0629		0.0799		0.0882		0.0944		0.1123		0.1196	
R ^{2/3}	0.1581		0.1855		0.1982		0.2073		0.2327		0.2428	
勾配 V・Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q
1/100	1.1296	0.0335	1.3248	0.0605	1.4158	0.0807	1.4809	0.1000	1.6622	0.1521	1.7339	0.1856
1/200	0.7987	0.0237	0.9368	0.0428	1.0011	0.0570	1.0471	0.0707	1.1754	0.1076	1.2261	0.1312
1/300	0.6522	0.0193	0.7649	0.0349	0.8174	0.0466	0.8550	0.0577	0.9597	0.0878	1.0011	0.1072
1/400	0.5648	0.0168	0.6624	0.0302	0.7079	0.0403	0.7404	0.0500	0.8311	0.0761	0.8670	0.0928
1/500	0.5052	0.0150	0.5925	0.0271	0.6332	0.0361	0.6623	0.0447	0.7434	0.0680	0.7754	0.0830
1/600	0.4611	0.0137	0.5408	0.0247	0.5780	0.0329	0.6046	0.0408	0.6786	0.0621	0.7079	0.0758
1/700	0.4269	0.0127	0.5007	0.0229	0.5351	0.0305	0.5597	0.0378	0.6283	0.0575	0.6554	0.0702
1/800	0.3994	0.0118	0.4684	0.0214	0.5006	0.0285	0.5236	0.0354	0.5877	0.0538	0.6130	0.0656
1/900	0.3765	0.0112	0.4416	0.0202	0.4719	0.0269	0.4936	0.0333	0.5541	0.0507	0.5780	0.0619
1/1,000	0.3572	0.0106	0.4189	0.0191	0.4477	0.0255	0.4683	0.0316	0.5256	0.0481	0.5483	0.0587

呼び名	400C		450A		450B		500A		500B		600A	
内寸法 (cm) 幅×高	40×40		45×40		45×45		50×40		50×45		60×40	
流水断面積 (m ²)	0.1206		0.1366		0.1530		0.1522		0.1710		0.1837	
潤辺P (m)	0.9657		1.0157		1.0841		1.0601		1.1341		1.1545	
径深R (m)	0.1249		0.1345		0.1411		0.1436		0.1508		0.1592	
R ^{2/3}	0.2499		0.2626		0.2711		0.2742		0.2833		0.2937	
勾配 V・Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q
1/100	1.7850	0.2153	1.8754	0.2563	1.9363	0.2963	1.9586	0.2981	2.0236	0.3461	2.0977	0.3854
1/200	1.2622	0.1523	1.3261	0.1812	1.3692	0.2095	1.3850	0.2108	1.4309	0.2447	1.4833	0.2725
1/300	1.0306	0.1243	1.0827	0.1479	1.1179	0.1711	1.1308	0.1721	1.1683	0.1998	1.2111	0.2225
1/400	0.8925	0.1077	0.9377	0.1281	0.9682	0.1481	0.9793	0.1491	1.0118	0.1730	1.0489	0.1927
1/500	0.7983	0.0963	0.8387	0.1146	0.8660	0.1325	0.8759	0.1333	0.9050	0.1548	0.9381	0.1724
1/600	0.7287	0.0879	0.7656	0.1046	0.7905	0.1210	0.7996	0.1217	0.8261	0.1413	0.8564	0.1574
1/700	0.6747	0.0814	0.7088	0.0969	0.7319	0.1120	0.7403	0.1127	0.7648	0.1308	0.7929	0.1457
1/800	0.6311	0.0761	0.6630	0.0906	0.6846	0.1048	0.6925	0.1054	0.7155	0.1224	0.7417	0.1363
1/900	0.5950	0.0718	0.6251	0.0854	0.6454	0.0988	0.6529	0.0994	0.6745	0.1154	0.6992	0.1285
1/1,000	0.5645	0.0681	0.5930	0.0810	0.6123	0.0937	0.6194	0.0943	0.6399	0.1094	0.6634	0.1219



[流量表]

マンニング公式: $V = \frac{1}{n} \cdot R^{\frac{2}{3}} \cdot I^{\frac{1}{2}}$ (m/s)、 $Q = A \cdot V$ (m³/s) n (粗度係数) = 0.014

呼び名	600B		600C		700		800A		800B		900A	
内寸法 (cm) 幅×高	60×50		60×60		70×60		80×60		80×70		90×70	
流水断面積 (m ²)	0.2303		0.2769		0.3249		0.3729		0.4310		0.4870	
潤辺P (m)	1.3139		1.4735		1.5735		1.6735		1.8126		1.9126	
径深R (m)	0.1753		0.1879		0.2065		0.2228		0.2378		0.2546	
R ^{2/3}	0.3132		0.3281		0.3493		0.3675		0.3838		0.4017	
勾配 V・Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q
1/100	2.2372	0.5152	2.3432	0.6488	2.4952	0.8106	2.6252	0.9788	2.7414	1.1814	2.8694	1.3973
1/200	1.5819	0.3643	1.6569	0.4587	1.7643	0.5732	1.8563	0.6921	1.9384	0.8354	2.0290	0.9880
1/300	1.2916	0.2975	1.3529	0.3746	1.4406	0.4680	1.5156	0.5651	1.5827	0.6821	1.6567	0.8067
1/400	1.1186	0.2576	1.1716	0.3244	1.2476	0.4053	1.3126	0.4894	1.3707	0.5907	1.4347	0.6986
1/500	1.0005	0.2304	1.0479	0.2901	1.1159	0.3625	1.1740	0.4377	1.2260	0.5283	1.2832	0.6249
1/600	0.9133	0.2103	0.9566	0.2649	1.0186	0.3309	1.0717	0.3996	1.1192	0.4823	1.1714	0.5704
1/700	0.8456	0.1947	0.8857	0.2452	0.9431	0.3064	0.9922	0.3700	1.0361	0.4465	1.0845	0.5281
1/800	0.7910	0.1822	0.8285	0.2294	0.8822	0.2866	0.9281	0.3461	0.9692	0.4177	1.0145	0.4940
1/900	0.7457	0.1717	0.7811	0.2163	0.832	0.2702	0.8751	0.3263	0.9138	0.3938	0.9565	0.4658
1/1,000	0.7075	0.1629	0.7410	0.2052	0.7890	0.2563	0.8302	0.3095	0.8669	0.3736	0.9074	0.4419

呼び名	900B		1,000		1,200		1,300		1,400		1,500	
内寸法 (cm) 幅×高	90×80		100×80		120×80		130×90		140×90		150×100	
流水断面積 (m ²)	0.5570		0.6210		0.7490		0.9044		0.9764		1.1660	
潤辺P (m)	2.0722		2.1722		2.3722		2.5773		2.6773		2.9368	
径深R (m)	0.2688		0.2859		0.3158		0.3509		0.3647		0.3970	
R ^{2/3}	0.4165		0.4340		0.4637		0.4975		0.5105		0.5402	
勾配 V・Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q
1/100	2.9751	1.6573	3.0999	1.9252	3.3121	2.4809	3.5536	3.2139	3.6461	3.5601	3.8585	4.4990
1/200	2.1037	1.1719	2.1920	1.3613	2.3420	1.7543	2.5128	2.2726	2.5782	2.5173	2.7284	3.1813
1/300	1.7177	0.9568	1.7897	1.1115	1.9123	1.4324	2.0517	1.8555	2.1051	2.0554	2.2277	2.5975
1/400	1.4876	0.8286	1.5500	0.9626	1.6561	1.2405	1.7768	1.6069	1.8230	1.7800	1.9292	2.2495
1/500	1.3305	0.7412	1.3863	0.8610	1.4812	1.1095	1.5892	1.4373	1.6306	1.5921	1.7256	2.0120
1/600	1.2146	0.6766	1.2655	0.7860	1.3522	1.0128	1.4508	1.3121	1.4885	1.4534	1.5752	1.8367
1/700	1.1245	0.6264	1.1717	0.7276	1.2519	0.9377	1.3431	1.2147	1.3781	1.3456	1.4584	1.7005
1/800	1.0519	0.5859	1.0960	0.6807	1.1710	0.8771	1.2564	1.1363	1.2891	1.2587	1.3642	1.5906
1/900	0.9917	0.5524	1.0333	0.6417	1.1040	0.8270	1.1845	1.0713	1.2154	1.1867	1.2862	1.4997
1/1,000	0.9408	0.5241	0.9803	0.6088	1.0474	0.7845	1.1238	1.0163	1.1530	1.1258	1.2202	1.4227