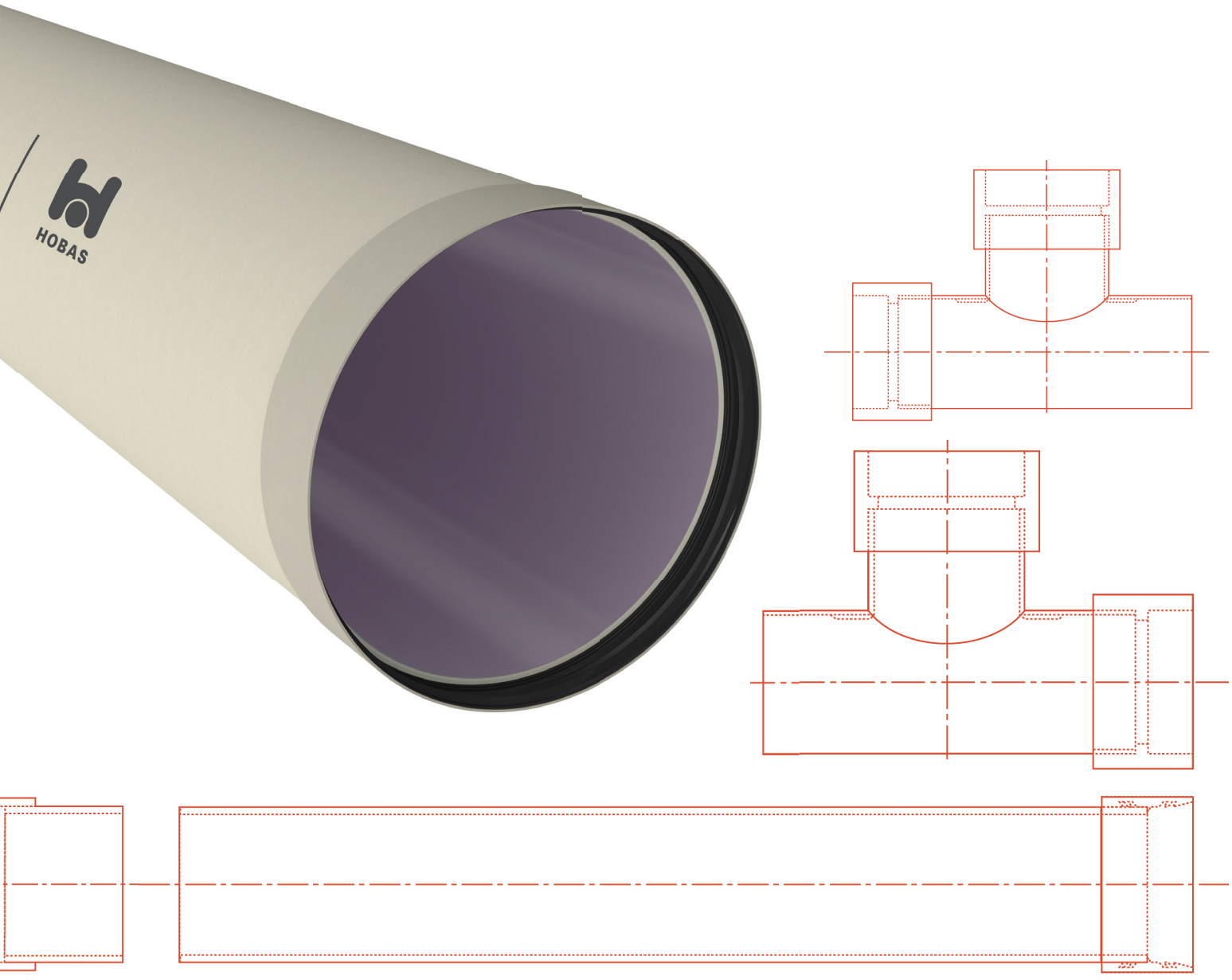
Amiblu Pipe Systems
Engineered for the next generations

Hobas GRP pressure pipe systems

Technical product data



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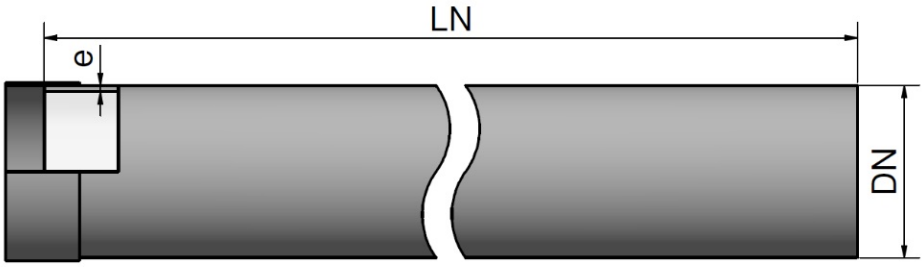
This version replaces all previous versions. For all current data and values please visit www.amiblu.com.

Abbreviations

α	Angle
B1	d_e to product standard (EN 1796/EN 14364)
B2	d_e to GRP and casting standards
B3	d_e to GRP and PVC standards
B4	d_e to GRP and steel standards
BE	Branch eccentricity
BL	Branch length / Bend length
BLL	Branch laying length
BP	Branch position
d_e	External diameter
d_{eB}	External diameter branch
d_{eH}	External diameter header
d_{eL}	External diameter large
d_{eS}	External diameter small

DN	Nominal diameter
DN_B	Nominal diameter branch
DN_H	Nominal diameter header
DN_L	Nominal diameter large
DN_S	Nominal diameter small
DS	Diameter series
e	Wall thickness
HLL	Header laying length
LL	Laying length
LN	Nominal length
m	Weight
PN	Nominal pressure
R	Radius
SN	Nominal stiffness

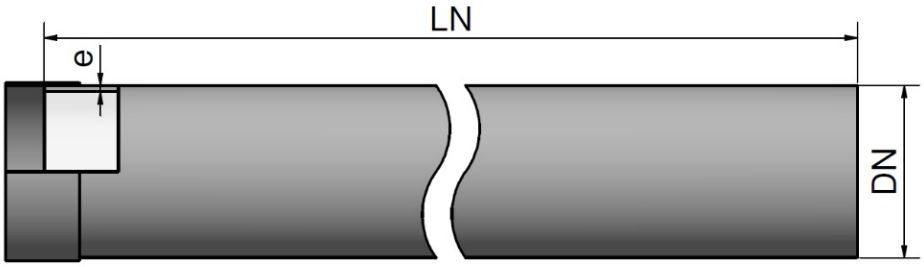
Pressure Pipe PN 6/10



			PN 6						PN 10					
			SN 5000		SN 10000		SN 20000		SN 5000		SN 10000		SN 20000	
DN	DS	d_e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]
200	B2	220			8	5	9	7			7	5	9	7
250	B2	272			11	7	14	8			11	6	13	8
300	B2	324			16	8	19	9			15	8	19	9
350	B2	376			20	9	25	11			19	9	24	10
400	B2	427			26	10	32	12			25	9	31	12
450	B2	478			31	10	38	13			29	10	37	13
500	B2	530			38	11	47	14			36	11	45	14
550	-	550	33	10	41	12	51	15	30	9	39	12	48	15
600	B1	616	41	11	51	14	64	17	38	10	48	13	60	16
650	-	650	45	11	57	14	71	18	41	11	53	14	66	17
700	B1	718	54	12	69	16	86	19	50	12	64	15	81	19
750	-	752	59	13	76	17	95	20	54	12	70	16	88	19
800	B1	820	70	14	90	18	112	22	64	13	83	17	104	21
860	-	860	77	15	99	18	123	23	70	14	91	18	114	22
900	B1	924	88	16	113	20	141	25	80	15	105	19	131	24
960	-	960	95	16	122	21	152	26	86	16	114	20	141	25
1000	B1	1026	110	18	140	22	174	28	99	17	130	21	162	27
1100	-	1099	125	19	161	24	199	30	113	18	149	23	185	29

The standard pipe lengths are 3 and 6 m. Other lengths are available on request.
Other stiffness classes are available on request.

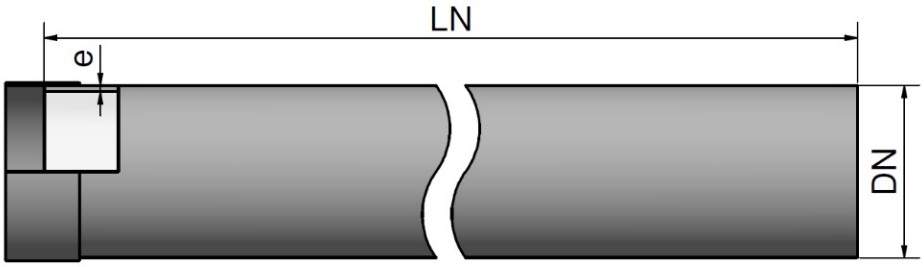
Pressure Pipe PN 6/10



			PN 6						PN 10					
			SN 5000		SN 10000		SN 20000		SN 5000		SN 10000		SN 20000	
DN	DS	d_e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]
1200	B1	1229	156	21	200	27	248	34	141	20	186	26	230	32
1280	-	1280	168	22	216	28	269	35	153	21	201	27	249	33
1400	B1	1434	210	24	270	31	336	39	190	23	251	30	311	37
1500	-	1499	225	25	290	32	359	40	204	24	272	32	331	38
1535	-	1535	240	26	310	33	385	41	216	25	284	32	354	39
1600	B1	1638	272	28	352	35	436	44	246	27	328	35	401	42
1720	-	1720	299	29	387	37	480	46	271	28	361	36	441	44
1800	B1	1842	342	31	443	40	550	50	311	30	412	39	504	47
1940	-	1937	377	33	489	42	607	52	344	32	454	41	556	50
2000	B1	2047	420	34	546	44	676	55	384	34	506	43	619	52
2160	-	2160	467	36	606	47	751	58	427	35	561	45	688	55
2200	B1	2250	506	38	658	49	814	60	464	37	608	47	746	57
2400	-	2400	577	41	749	52	928	65	528	40	692	51	849	61
2453	-	2453	602	41	782	53	968	66	552	41	722	52	886	63
2555	-	2555	652	43	847	55	1049	69	598	42	782	54	959	65

The standard pipe lengths are 3 and 6 m. Other lengths are available on request.
Other stiffness classes are available on request.

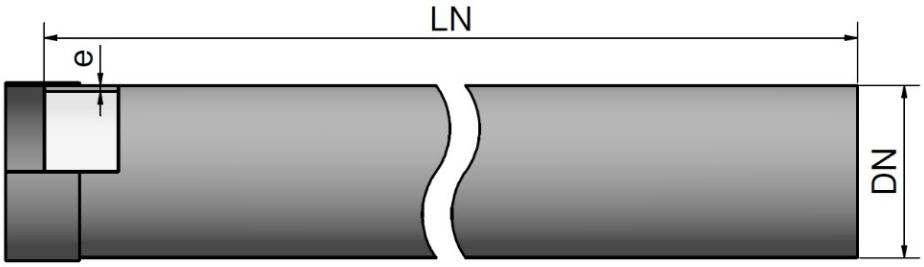
Pressure Pipe PN 16/20



			PN 16						PN 20					
			SN 5000		SN 10000		SN 20000		SN 5000		SN 10000		SN 20000	
DN	DS	d_e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]
200	B2	220			7	5	8	6			7	6	8	6
250	B2	272			10	6	13	8			10	6	12	8
300	B2	324			14	7	17	9			14	7	16	9
350	B2	376			17	8	22	10			17	8	21	10
400	B2	427			22	9	29	11			22	9	26	11
450	B2	478			26	10	34	12			26	10	31	12
500	B2	530			31	11	41	13			31	11	38	13
550	-	550	29	10	34	11	45	14	33	11	34	11	41	14
600	B1	616	36	11	42	13	55	16	41	12	42	13	51	16
650	-	650	39	11	46	13	61	17	45	13	46	13	56	16
700	B1	718	47	12	56	15	74	18	53	14	55	14	67	18
750	-	752	51	13	61	15	81	19	58	14	60	15	73	18
800	B1	820	60	14	71	16	96	20	68	16	71	16	86	20
860	-	860	65	14	78	17	105	21	74	16	78	17	95	21
900	B1	924	74	15	89	18	121	23	85	17	89	18	109	22
960	-	960	80	16	96	19	130	24	91	18	95	18	117	23
1000	B1	1026	93	17	111	20	150	26	106	19	110	20	135	25
1100	-	1099	105	18	126	22	171	28	120	21	126	22	154	27

The standard pipe lengths are 3 and 6 m. Other lengths are available on request.
Other stiffness classes are available on request.

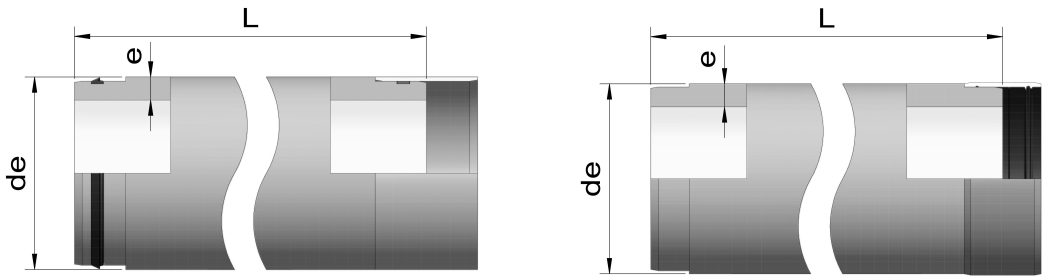
Pressure Pipe PN 16/20



			PN 16						PN 20					
			SN 5000		SN 10000		SN 20000		SN 5000		SN 10000		SN 20000	
DN	DS	d_e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]	m [kg/m]	e [mm]
1200	B1	1229	129	20	176	26	213	31	148	23	155	24	191	30
1280	-	1280	140	20	191	27	230	32	160	24	168	25	206	31
1400	B1	1434	172	23	238	30	287	36	198	26	208	28	257	35
1500	-	1499	209	27	227	29	304	37	241	31	241	31	279	36
1535	-	1535	221	28	239	30	323	38	254	32	254	32	293	37
1600	B1	1638	250	29	270	32	366	41	287	34	287	34	332	40
1720	-	1720	274	31	297	33	402	43	315	36	315	36	365	42
1800	B1	1842	312	33	339	36	459	46	359	38	359	38	417	45
1940	-	1937	343	34	373	38	507	48						
2000	B1	2047	381	36	415	40	565	51						
2160	-	2160	422	38	460	42	627	53						
2200	B1	2250	456	40	498	43	679	56						
2400	-	2400	518	42	566	46	773	60						
2453	-	2453	540	43	591	47	806	61						

The standard pipe lengths are 3 and 6 m. Other lengths are available on request.
Other stiffness classes are available on request.

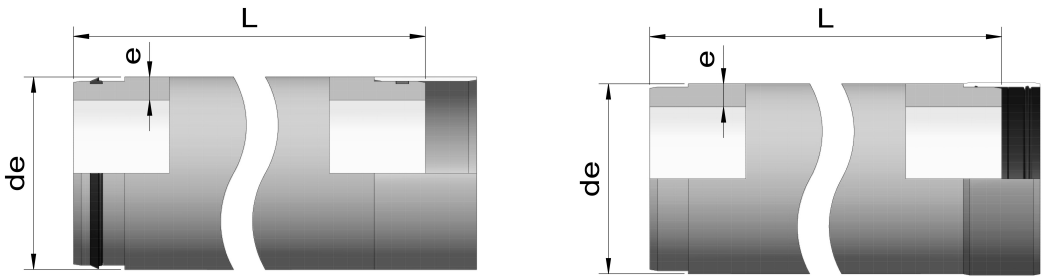
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
324	e [mm]											28	
	m [kg/m]											55	
Stainless Steel	F [kN]*											371	
376	e [mm]											32	
	m [kg/m]											73	
Stainless Steel	F [kN]*											543	
427	e [mm]										28	34	39
	m [kg/m]										74	88	100
Stainless Steel	F [kN]*										510	687	829
478	e [mm]									29	33	41	46
	m [kg/m]									86	97	119	132
Stainless Steel	F [kN]*									603	738	998	1156
530	e [mm]								28	31	36	44	51
	m [kg/m]								92	102	117	141	162
Stainless Steel	F [kN]*								635	749	936	1226	1472
550	e [mm]							28	30	33	38	47	53
	m [kg/m]							95	102	112	128	156	174
Stainless Steel	F [kN]*							667	747	865	1058	1396	1614

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

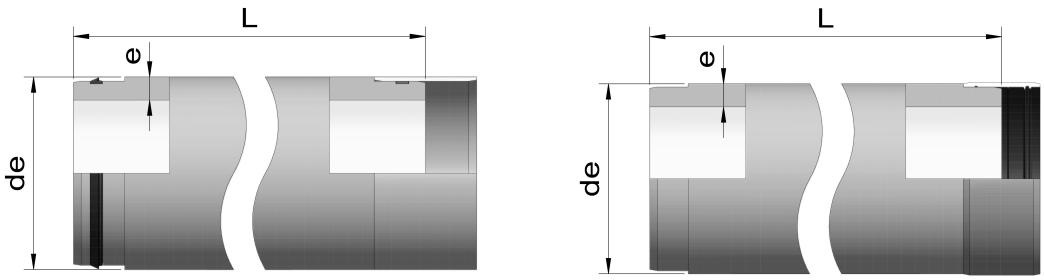
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
616	e [mm]							32	34	37	43	50	58
	m [kg/m]							122	129	140	162	187	214
Stainless Steel	F [kN]*							924	1013	1145	1405	1701	2029
650	e [mm]						30	33	35	38	44	54	62
	m [kg/m]						121	133	141	152	175	212	241
Stainless Steel	F [kN]*						881	1023	1117	1257	1532	1978	2323
718	e [mm]					30	32	35	40	43	48	59	68
	m [kg/m]					134	143	156	178	190	212	257	293
Stainless Steel	F [kN]*					924	1030	1188	1447	1601	1854	2397	2827
752	e [mm]				30	33	36	39	42	45	51	62	72
	m [kg/m]				140	154	168	182	195	209	235	283	324
Stainless Steel	F [kN]*				944	1111	1276	1440	1603	1764	2082	2649	3148
820	e [mm]				33	35	38	42	45	49	54	67	78
	m [kg/m]				168	178	193	213	228	248	272	333	383
Stainless Steel	F [kN]*				1244	1365	1546	1785	1963	2197	2487	3221	3820
860	e [mm]				35	37	40	43	47	51	58	72	80
	m [kg/m]				187	198	213	230	250	271	306	375	413
Stainless Steel	F [kN]*				1432	1560	1749	1937	2186	2432	2857	3682	4139

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

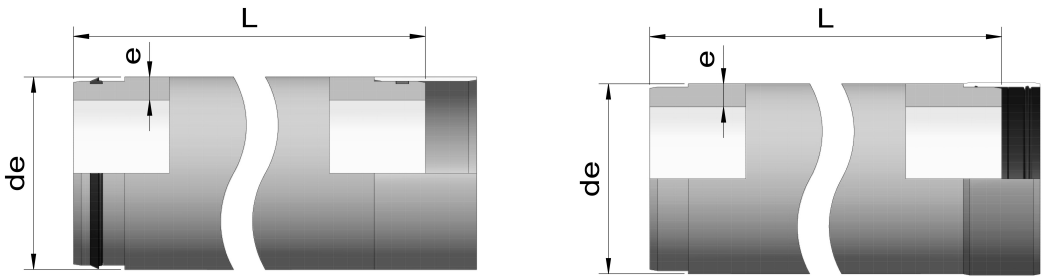
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
924	e [mm]		32	34	37	40	42	46	50	54	62	77	
	m [kg/m]		184	195	213	230	241	264	286	308	352	431	
Stainless Steel	F [kN]*		1271	1410	1616	1821	1957	2227	2494	2759	3280	4230	
960	e [mm]	31	34	36	39	42	44	48	52	56	64	80	
	m [kg/m]	185	203	215	233	251	262	286	309	332	377	465	
Stainless Steel	F [kN]*	1248	1465	1608	1823	2035	2176	2457	2734	3009	3552	4605	
1026	e [mm]	34	36	38	41	44	48	52	56	61	68		
	m [kg/m]	215	228	241	260	279	305	330	354	385	427		
Stainless Steel	F [kN]*	1563	1717	1871	2101	2328	2630	2929	3226	3592	4099		
1099	e [mm]	35	38	41	44	48	51	56	59	64	73		
	m [kg/m]	238	258	279	299	327	347	380	400	433	491		
Stainless Steel	F [kN]*	1754	2002	2249	2495	2820	3062	3462	3701	4094	4793		
1229	e [mm]	40	43	46	49	53	56	61	66	71	81		
	m [kg/m]	304	327	350	373	404	426	463	501	537	610		
Stainless Steel	F [kN]*	2428	2705	2981	3256	3620	3891	4340	4785	5225	6095		
1280	e [mm]	41	45	47	52	55	59	64	68				
	m [kg/m]	324	357	373	413	437	468	506	537				
Stainless Steel	F [kN]*	2634	3019	3211	3688	3972	4348	4815	5185				

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

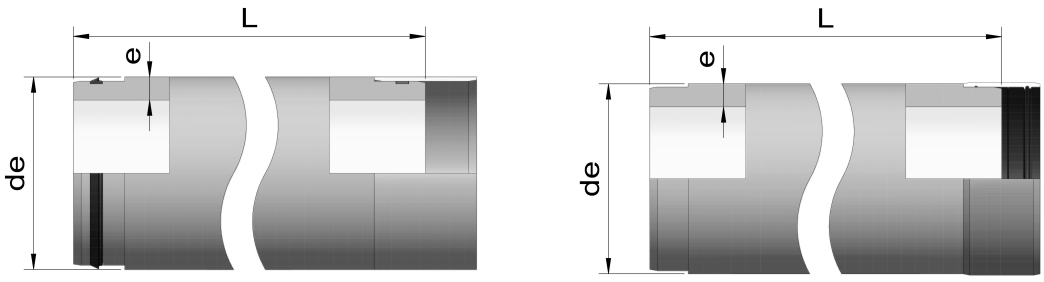
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
1434	e [mm]	46	49	52	57	61	65	71	76				
	m [kg/m]	409	436	463	507	542	577	630	673				
Stainless Steel	F [kN]*	3063	3387	3710	4244	4669	5092	5720	6240				
1499	e [mm]	48	52	56	60	64	68	74	79				
	m [kg/m]	445	484	521	558	595	632	687	732				
Stainless Steel	F [kN]*	3370	3822	4271	4718	5162	5603	6261	6804				
1535	e [mm]	48	52	56	60	64	69	75					
	m [kg/m]	456	495	534	573	610	658	715					
Stainless Steel	F [kN]*	3299	3764	4225	4685	5141	5708	6384					
1638	e [mm]	52	56	60	65	70	75	81					
	m [kg/m]	528	569	610	662	713	763	824					
Stainless Steel	F [kN]*	4042	4536	5027	5637	6243	6846	7563					
1720	e [mm]	55	59	64	68	73	78						
	m [kg/m]	587	630	684	727	781	834						
Stainless Steel	F [kN]*	4630	5149	5793	6305	6942	7574						
1842	e [mm]	59	63	68	73	78	83						
	m [kg/m]	674	721	779	837	894	951						
Stainless Steel	F [kN]*	5535	6091	6781	7468	8150	8828						

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

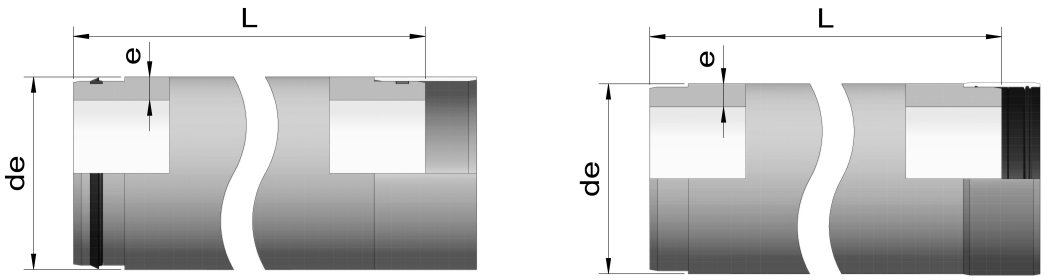
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
1937	e [mm]	62	67	72	77	81							
	m [kg/m]	745	806	867	928	976							
Stainless Steel	F [kN]*	6256	6987	7713	8435	9010							
2047	e [mm]	65	70	75	81	85							
	m [kg/m]	825	891	955	1033	1083							
Stainless Steel	F [kN]*	7082	7853	8621	9536	10143							
2160	e [mm]	69	74	79	85	90							
	m [kg/m]	926	993	1062	1143	1210							
Stainless Steel	F [kN]*	8109	8922	9731	10697	11497							
2250	e [mm]	71	76	82	87	94							
	m [kg/m]	992	1064	1149	1220	1317							
Stainless Steel	F [kN]*	8495	9343	10356	11195	12364							
2400	e [mm]	76	81	86	93	100							
	m [kg/m]	1131	1207	1283	1388	1493							
Stainless Steel	F [kN]*	9946	10850	11750	13003	14249							
2453	e [mm]	80	82	88	95	102							
	m [kg/m]	1219	1250	1342	1451	1557							
Stainless Steel	F [kN]*	9946	10850	11750	13003	14249							

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

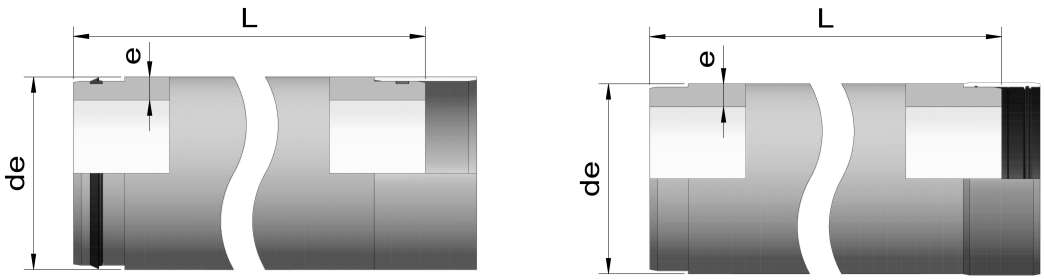
Jacking Pipe PN 6



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
2555	e [mm]	82	85	92	99	106							
	m [kg/m]	1301	1349	1463	1575	1686							
Stainless Steel	F [kN]*	11835	12413	13757	15092	16420							

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

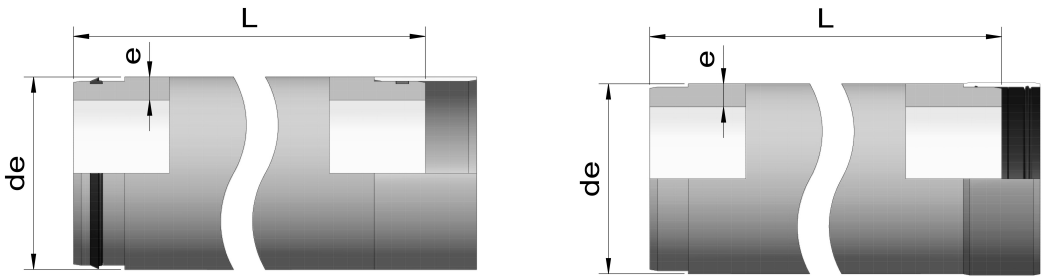
Jacking Pipe PN 10



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
324	e [mm]											28	
	m [kg/m]											54	
Stainless Steel	F [kN]*											371	
376	e [mm]											32	
	m [kg/m]											72	
Stainless Steel	F [kN]*											543	
427	e [mm]										28	34	39
	m [kg/m]										73	88	99
Stainless Steel	F [kN]*										477	654	797
478	e [mm]									29	33	41	46
	m [kg/m]									84	96	117	131
Stainless Steel	F [kN]*									567	701	962	1120
530	e [mm]									31	36	44	51
	m [kg/m]									100	116	140	161
Stainless Steel	F [kN]*									708	895	1185	1431
550	e [mm]							28	30	33	38	47	53
	m [kg/m]							94	101	110	127	155	173
Stainless Steel	F [kN]*							625	704	822	1016	1354	1572

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

Jacking Pipe PN 10



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
616	e [mm]							32	34	37	43	50	58
	m [kg/m]							120	128	139	160	185	212
Stainless Steel	F [kN]*							877	965	1098	1357	1653	1982
650	e [mm]						30	33	35	38	44	54	62
	m [kg/m]						119	131	139	150	173	211	240
Stainless Steel	F [kN]*						780	923	1017	1156	1431	1877	2222
718	e [mm]					30	32	35	40	43	48	59	68
	m [kg/m]					132	140	153	175	188	209	254	290
Stainless Steel	F [kN]*					868	974	1132	1392	1545	1799	2342	2771
752	e [mm]				30	33	36	39	42	45	51	62	72
	m [kg/m]				137	151	165	179	193	206	232	280	322
Stainless Steel	F [kN]*				885	1052	1218	1382	1544	1705	2023	2591	3090
820	e [mm]				33	35	38	42	45	49	54	67	78
	m [kg/m]				165	175	190	210	225	244	269	330	380
Stainless Steel	F [kN]*				1180	1301	1482	1721	1899	2133	2423	3156	3756
860	e [mm]				35	37	40	43	47	51	58	72	80
	m [kg/m]				183	194	210	226	246	267	303	371	410
Stainless Steel	F [kN]*				1298	1425	1615	1803	2052	2298	2722	3548	4005

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
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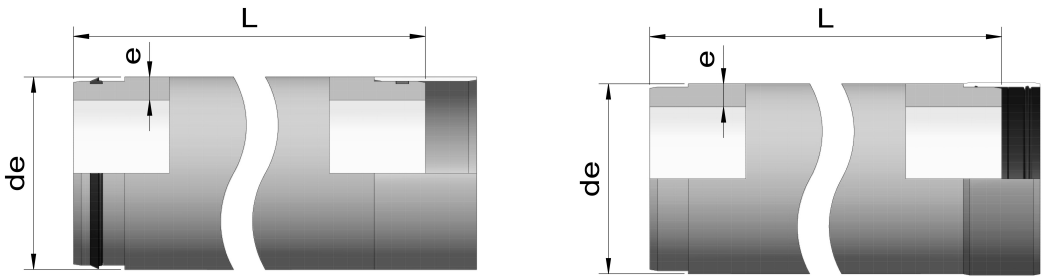
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

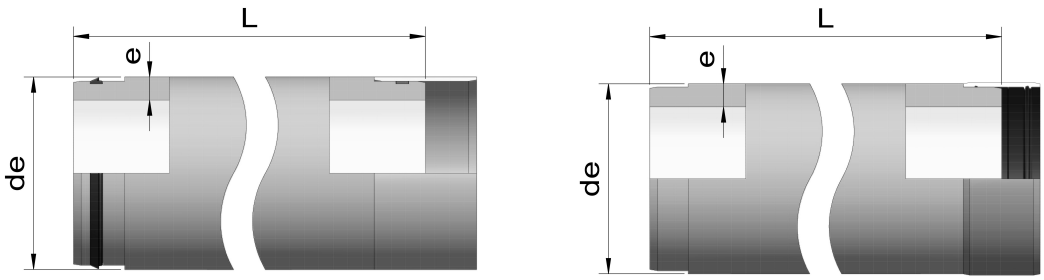
Jacking Pipe PN 10



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
924	e [mm]		32	34	37	40	42	46	50	54	62	77	
	m [kg/m]		180	191	208	226	237	260	282	304	347	427	
Stainless Steel	F [kN]*		1199	1338	1544	1749	1885	2155	2422	2687	3208	4158	
960	e [mm]	31	34	36	39	42	44	48	52	56	64	80	
	m [kg/m]	180	198	210	228	246	258	281	304	327	373	461	
Stainless Steel	F [kN]*	1173	1389	1533	1747	1960	2101	2381	2659	2934	3477	4530	
1026	e [mm]	34	36	38	41	44	48	52	56	61	68		
	m [kg/m]	210	223	236	255	274	299	324	349	380	422		
Stainless Steel	F [kN]*	1483	1637	1791	2020	2248	2550	2849	3145	3512	4019		
1099	e [mm]	35	38	41	44	48	51	56	59	64	73		
	m [kg/m]	231	252	273	293	321	341	374	394	427	486		
Stainless Steel	F [kN]*	1581	1830	2077	2322	2647	2889	3290	3528	3922	4621		
1229	e [mm]	40	43	46	49	53	56	61	66	71	81		
	m [kg/m]	296	319	342	365	396	419	456	493	530	603		
Stainless Steel	F [kN]*	2234	2512	2788	3062	3426	3697	4146	4591	5032	5901		
1280	e [mm]	41	45	47	52	55	59	64	68				
	m [kg/m]	316	349	364	404	428	459	499	530				
Stainless Steel	F [kN]*	2432	2818	3009	3486	3770	4146	4613	4984				

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

Jacking Pipe PN 10



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
1434	e [mm]	46	49	52	57	61	65	71	76				
	m [kg/m]	398	425	452	497	532	567	620	664				
Stainless Steel	F [kN]*	2837	3162	3484	4019	4444	4866	5495	6014				
1499	e [mm]	48	52	56	60	64	68	74	79				
	m [kg/m]	434	472	509	546	584	621	676	721				
Stainless Steel	F [kN]*	3135	3586	4036	4482	4926	5368	6025	6568				
1535	e [mm]	48	52	56	60	64	69	75					
	m [kg/m]	444	483	521	559	598	646	702					
Stainless Steel	F [kN]*	3058	3522	3984	4443	4900	5467	6142					
1638	e [mm]	52	56	60	65	70	75	81					
	m [kg/m]	513	555	596	647	699	749	810					
Stainless Steel	F [kN]*	3785	4278	4770	5380	5986	6588	7305					
1720	e [mm]	55	59	64	68	73	78						
	m [kg/m]	571	614	668	712	765	818						
Stainless Steel	F [kN]*	4360	4878	5522	6034	6671	7304						
1842	e [mm]	59	63	68	73	78	83						
	m [kg/m]	656	703	761	819	876	933						
Stainless Steel	F [kN]*	4955	5510	6201	6887	7570	8248						

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
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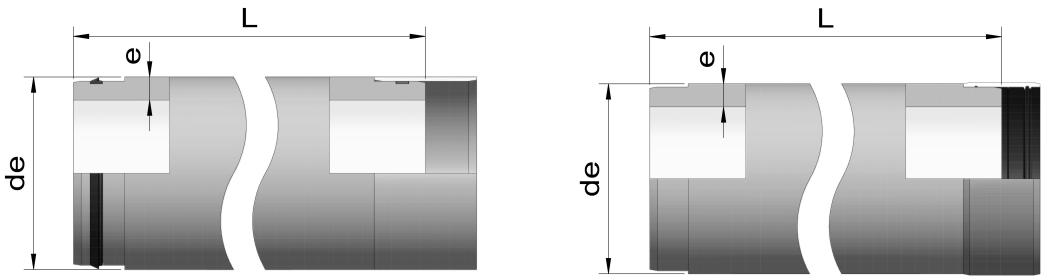
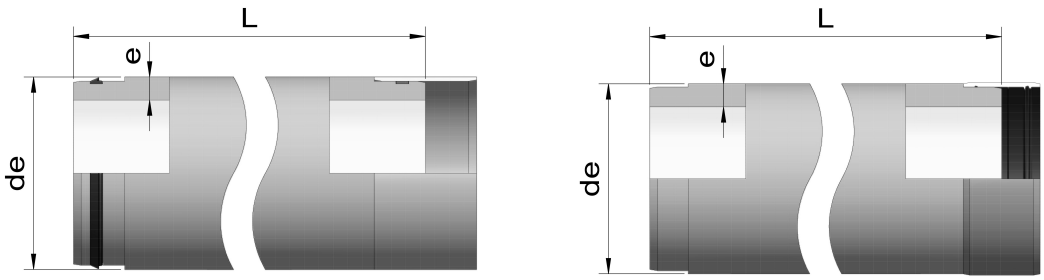
Jacking Pipe PN 10



de [mm] / Coupling Type		SN 32000	SN 40000	SN 50000	SN 64000	SN 80000	SN 100000	SN 128000	SN 160000	SN 200000	SN 320000	SN 640000	SN 1000000
1937	e [mm]	62	67	72	77	81							
	m [kg/m]	726	787	848	909	956							
Stainless Steel	F [kN]*	5645	6375	7101	7823	8398							
2047	e [mm]	65	70	75	81	85							
	m [kg/m]	803	868	932	1010	1060							
Stainless Steel	F [kN]*	6436	7207	7974	8890	9497							

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

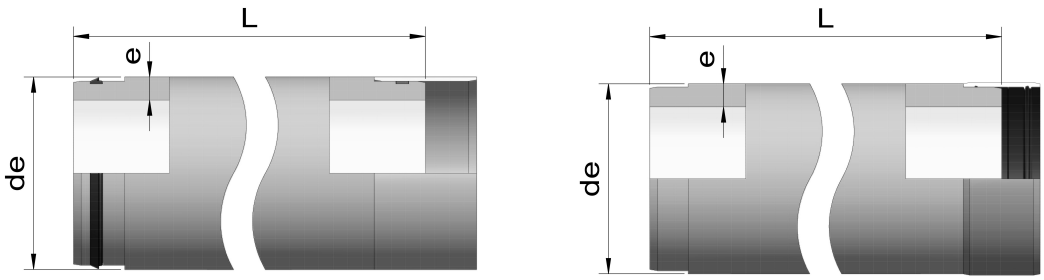
Jacking Pipe PN 16



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
324	e [mm]											28	
	m [kg/m]											54	
Stainless Steel	F [kN]*											347	
376	e [mm]											32	
	m [kg/m]											71	
Stainless Steel	F [kN]*											515	
427	e [mm]										28	34	39
	m [kg/m]										72	86	98
Stainless Steel	F [kN]*										445	622	765
478	e [mm]									29	33	41	46
	m [kg/m]									83	94	116	129
Stainless Steel	F [kN]*									530	665	925	1083
530	e [mm]								28	31	36	44	51
	m [kg/m]								89	98	114	138	159
Stainless Steel	F [kN]*								553	667	854	1145	1391
550	e [mm]							28	30	33	38	47	53
	m [kg/m]							92	99	108	125	153	171
Stainless Steel	F [kN]*							541	620	738	931	1269	1487

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

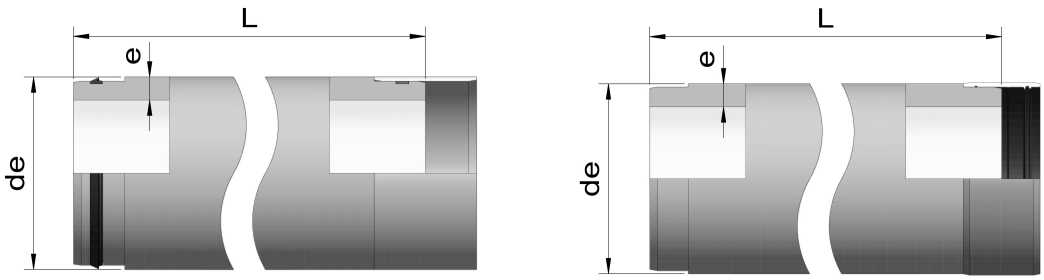
Jacking Pipe PN 16



de [mm]		SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Coupling Type		32000	40000	50000	64000	80000	100000	128000	160000	200000	320000	640000	1000000
616	e [mm]							32	34	37	43	50	58
	m [kg/m]							117	125	136	158	183	210
Stainless Steel	F [kN]*							782	870	1003	1262	1558	1887
650	e [mm]						30	33	35	38	44	54	62
	m [kg/m]						116	128	136	147	171	208	237
Stainless Steel	F [kN]*						730	872	966	1106	1381	1827	2172
718	e [mm]					30	32	35	40	43	48	59	68
	m [kg/m]					128	137	150	172	184	206	251	287
Stainless Steel	F [kN]*					757	863	1021	1280	1434	1688	2230	2660
752	e [mm]					33	36	39	42	45	51	62	72
	m [kg/m]					148	161	175	189	202	229	276	318
Stainless Steel	F [kN]*					936	1101	1265	1428	1589	1907	2474	2973
820	e [mm]						38	42	45	49	54	67	78
	m [kg/m]						185	205	220	240	264	326	376
Stainless Steel	F [kN]*						1228	1467	1644	1879	2168	2902	3502
860	e [mm]						40	43	47	51	58	72	80
	m [kg/m]						205	220	241	262	297	366	405
Stainless Steel	F [kN]*						1415	1603	1852	2098	2522	3347	3805

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

Jacking Pipe PN 16



de [mm] / Coupling Type		SN 32000	SN 40000	SN 50000	SN 64000	SN 80000	SN 100000	SN 128000	SN 160000	SN 200000	SN 320000	SN 640000	SN 1000000
924	e [mm]						42	46	50	54	62	77	
	m [kg/m]						231	253	276	298	342	421	
Stainless Steel	F [kN]*						1669	1939	2206	2471	2992	3942	
960	e [mm]					42	44	48	52	56	64	80	
	m [kg/m]					240	251	275	298	321	367	455	
Stainless Steel	F [kN]*					1736	1877	2157	2435	2710	3252	4306	
1026	e [mm]					44	48	52	56	61	68		
	m [kg/m]					266	292	317	342	372	415		
Stainless Steel	F [kN]*					2008	2309	2608	2905	3272	3779		
1099	e [mm]					48	51	56	59	64	73		
	m [kg/m]					312	332	366	386	419	477		
Stainless Steel	F [kN]*					2476	2718	3118	3356	3750	4449		
1229	e [mm]					53	56	61	66	71	81		
	m [kg/m]					385	408	445	483	520	592		
Stainless Steel	F [kN]*					3041	3313	3761	4206	4647	5516		
1280	e [mm]					55	59	64	68				
	m [kg/m]					416	448	487	518				
Stainless Steel	F [kN]*					3369	3745	4212	4582				

Standard pipe lengths LN are 1 | 2 | 3 | 6 m. - Other lengths and stiffness classes are available on request.
Tolerances according to Amiblu standard.
* The specified jacking force [kN] corresponds to the ultimate jacking force with a 3.5-times safety factor according to ISO 25780.

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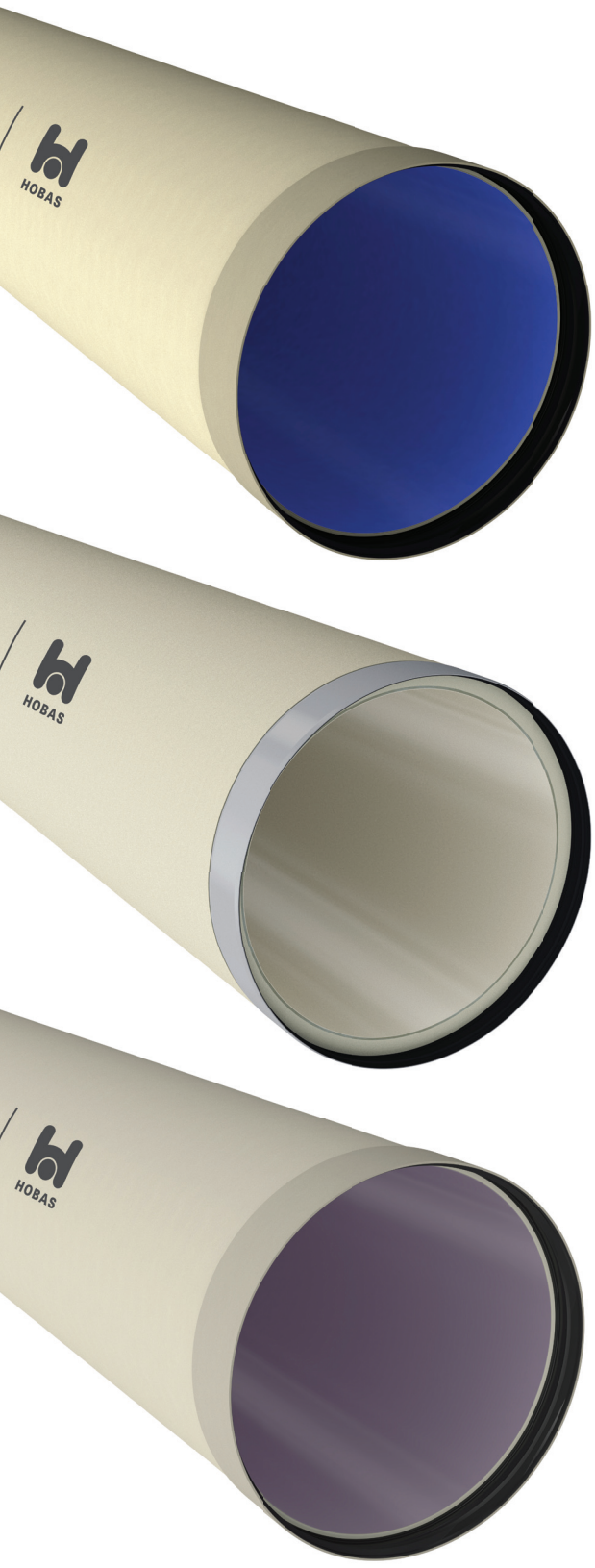
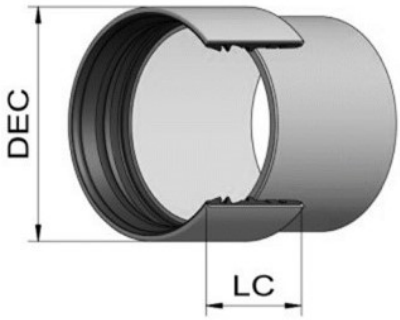
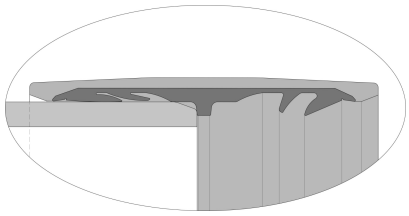


Amiblu offers a broad portfolio of centrifugally cast Hobas GRP pipe systems for various applications and installation methods, e.g. relining pipes, special pipes with highly durable inner liner, and many more. For more information, please visit www.amiblu.com.

Hobas Filament Wound Coupling (FWC)



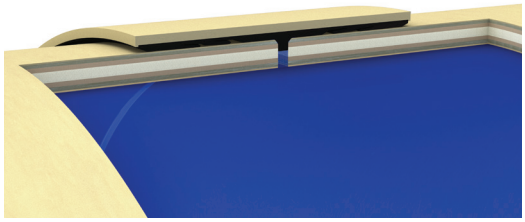


DN	De [mm]	LC [mm]	DEC min [mm]
200	220	173	240
250	272	173	291
300	324	173	343
350	376	173	395
400	427	230	448
450	478	230	498
500	530	230	551
550	550	230	571
600	616	230	641
650	650	230	672
700	718	230	739
750	752	230	773
800	820	230	843
860	860	230	883
900	924	230	947
960	960	230	983
1000	1026	230	1050

DN	De [mm]	LC [mm]	DEC min [mm]
1100	1099	230	1123
1200	1229	230	1256
1280	1280	230	1307
1400	1434	230	1464
1500	1499	310	1527
1535	1535	310	1565
1600	1638	310	1667
1720	1720	310	1749
1800	1842	310	1873
1940	1937	310	1971
2000	2047	310	2079
2160	2160	310	2196
2200	2250	310	2286
2400	2400	310	2435
2453	2453	310	2492
2555	2555	310	2595

Hobas pipes are generally delivered with a pre-mounted coupling. The standard pipe joint is the Hobas filament wound coupling, consisting of a GRP sleeve with a permanently fitted, full width EPDM gasket seal (NBR on request). Hobas filament wound couplings are available for all nominal pressure ratings.

Joints and Couplings



Hobas Filament Wound Coupling (FWC)

Diameter range (DN): 200 - 2555 mm
Pressure range (PN): up to 24 bar
Angular deflection: up to 3°

* The degree of angular deflection depends on the pipe diameter. Please contact Amiblu for further information.

Field Joints for Pressure & Gravity Applications

Laminated field joints are available in restrained and unrestrained designs designs. Amiblu provides the necessary instructions or skilled personnel for butt-wrap joining in pressure and non-pressure applications. Technologies developed by Amiblu provide faster and more cost-efficient installations.

Mechanical Couplings

Amiblu pipes can be joined using mechanical steel couplings such as tangential bolt couplings or axial bolt couplings.

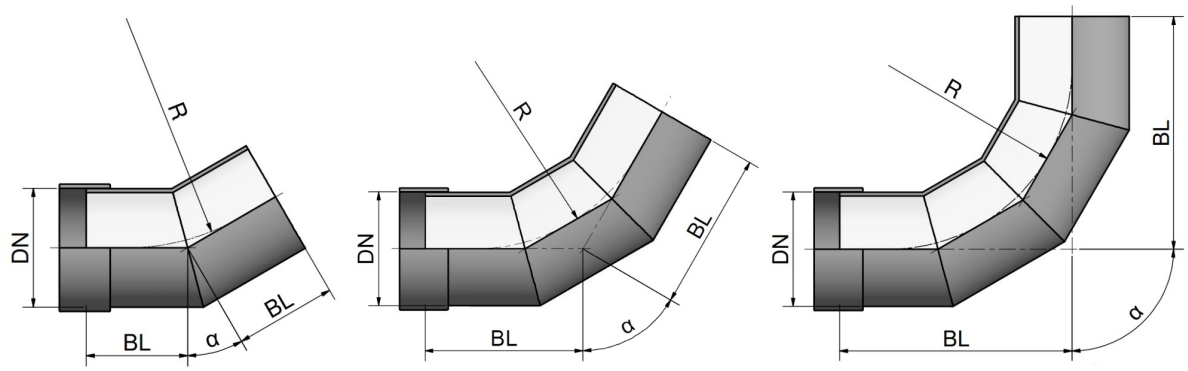
Wall Couplings

The wall coupling is used for connecting pipes to concrete shafts and walls. Wall couplings are sanded for improved stability in concrete shafts. Wall couplings can be delivered with pipe ring, and optionally with sealing tape. Lengths can be selected as required in consideration of the pipe joint data.

Amiblu Flanges

Amiblu manufactures and sells flanges in various designs and according to different standards and requirements. When connecting two GRP flanges, the standard bolt pattern to which flanges are manufactured is EN 1092. Other pattern of drilling such as according to AWWA, ANSI, DIN, and JIS can be supplied.

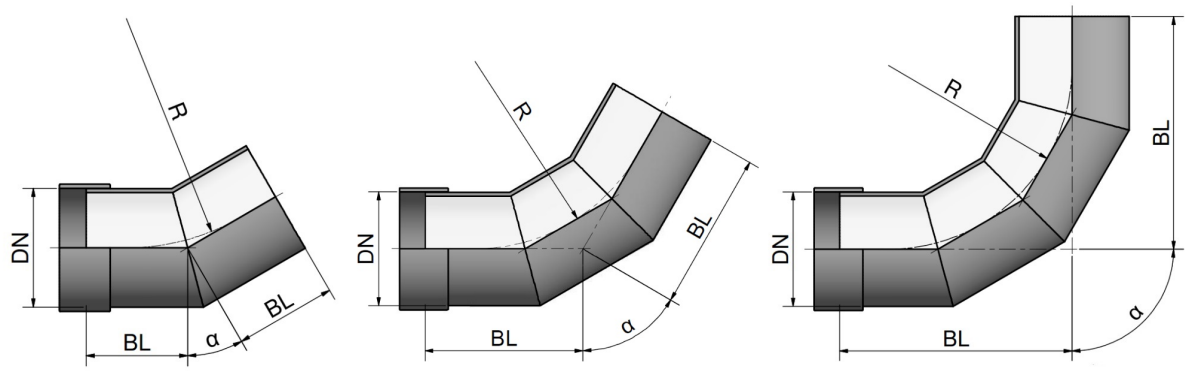
Segmented Elbow PN 6



Angle α*:		11.25°		15°		22.5°		30°		45°		60°		90°	
Segments:		2		2		2		2		3		3		4	
DN	d_e [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]
200	220	400	300	400	300	400	300	400	300	500	400	400	400	400	550
250	272	430	300	430	300	430	300	430	300	550	400	450	425	450	600
300	324	450	300	450	300	450	300	450	300	550	400	450	450	450	650
350	376	525	325	525	325	525	325	525	325	600	425	525	500	525	700
400	427	600	375	675	375	675	375	675	375	700	500	675	575	675	850
450	478	675	375	675	375	675	375	675	375	700	500	675	575	675	850
500	530	750	400	750	400	750	400	750	400	750	525	750	625	750	950
550	550	825	450	825	450	825	450	825	450	825	600	825	650	825	1000
600	616	900	450	900	450	900	450	900	450	900	600	900	700	900	1075
650	650	975	475	975	475	975	475	975	475	1000	650	975	750	975	1100
700	718	1050	475	1050	475	1050	475	1050	475	1050	650	1050	775	1050	1200
750	752	1125	500	1125	500	1125	500	1125	500	1125	700	1225	800	1225	1300
800	820	1200	525	1200	525	1200	525	1200	525	1200	700	1200	850	1200	1350
860	860	1290	550	1290	550	1290	550	1290	550	1290	725	1290	875	1290	1400
900	924	1350	550	1350	550	1350	550	1350	550	1350	725	1350	875	1350	1400
960	960	1440	575	1440	575	1440	575	1440	575	1440	750	1440	900	1440	1475
1000	1026	1270	575	1270	575	1270	575	1270	575	1270	750	1270	925	1270	1475
1100	1099	1320	600	1320	600	1320	600	1320	600	1320	825	1320	1025	1320	1600
1200	1229	1370	600	1370	600	1370	600	1370	600	1370	825	1370	1025	1370	1600
1280	1280	1400	650	1400	650	1400	650	1400	650	1400	850	1400	1050	1400	1650

* For intermediate angles, the data of the respective next larger angle apply.
Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

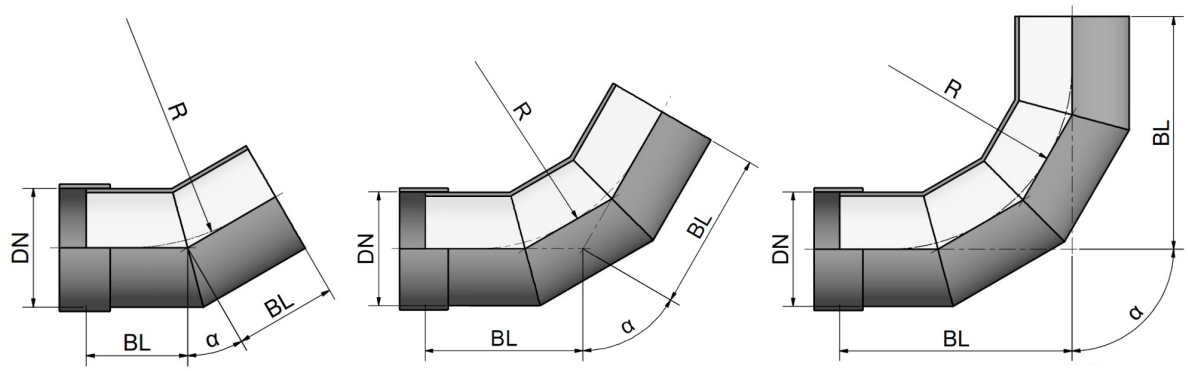
Segmented Elbow PN 6



Angle α*:		11.25°		15°		22.5°		30°		45°		60°		90°	
Segments:		2		2		2		2		3		3		4	
DN	d_e [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]
1400	1434	1550	675	1550	675	1550	675	1550	675	1550	900	1550	1100	1550	1700
1500	1499	1600	800	1600	800	1600	800	1600	800	1600	1100	1600	1300	1600	2000
1535	1535	1650	800	1650	800	1650	800	1650	800	1650	1100	1650	1300	1650	2000
1600	1638	1700	800	1700	800	1700	800	1700	800	1700	1100	1700	1300	1700	2000
1720	1720	1800	800	1800	800	1800	800	1800	800	1800	1200	1800	1400	1800	2200
1800	1842	1950	850	1950	850	1950	850	1950	850	1950	1200	1950	1400	1950	2200
1940	1937	2000	850	2000	850	2000	850	2000	850	2000	1300	2000	1500	2000	2200
2000	2047	2100	900	2100	900	2100	900	2100	900	2100	1300	2100	1500	2100	2400
2160	2160	2170	900	2170	900	2170	900	2170	900	2170	1300	2170	1500	2170	2400
2200	2250	2280	950	2280	950	2280	950	2280	950	2280	1400	2280	1600	2280	2600
2400	2400	2470	1000	2470	1000	2470	1000	2470	1000	2470	1500	2470	1700	2470	2600
2453	2453	2500	1000	2500	1000	2500	1000	2500	1000	2500	1500	2500	1700	2500	2600
2555	2555	2600	1000	2600	1000	2600	1000	2600	1000	2600	1500	2600	1700	2600	2700

* For intermediate angles, the data of the respective next larger angle apply.
Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

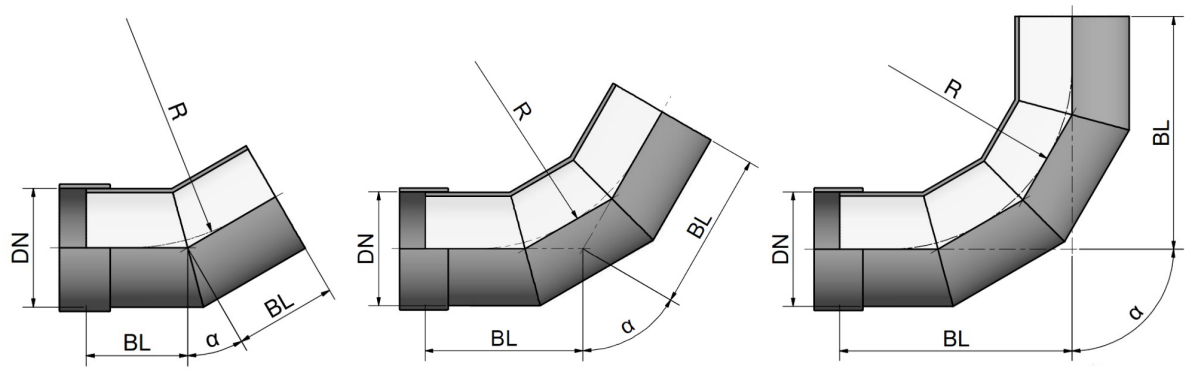
Segmented Elbow PN 10



Angle α*:		11.25°		15°		22.5°		30°		45°		60°		90°	
Segments:		2		2		2		2		3		3		4	
DN	d_e [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]
200	220	400	300	400	300	400	300	400	300	500	400	400	400	400	550
250	272	430	300	430	300	430	300	430	300	550	400	450	425	450	600
300	324	450	300	450	300	450	300	450	300	550	400	450	450	450	650
350	376	525	325	525	325	525	325	525	325	600	425	525	500	525	700
400	427	675	375	675	375	675	375	675	375	700	500	675	575	675	850
450	478	675	375	675	375	675	375	675	375	700	500	675	575	675	850
500	530	750	400	750	400	750	400	750	400	750	525	750	625	750	950
550	550	825	450	825	450	825	450	825	450	825	600	825	650	825	1000
600	616	900	450	900	450	900	450	900	450	900	600	900	700	900	1075
650	650	975	475	975	475	975	475	975	475	1000	650	975	750	975	1100
700	718	1050	475	1050	475	1050	475	1050	475	1050	650	1050	775	1050	1200
750	752	1125	500	1125	500	1125	500	1125	500	1125	700	1225	800	1225	1300
800	820	1200	525	1200	525	1200	525	1200	525	1200	700	1200	850	1200	1350
860	860	1290	550	1290	550	1290	550	1290	550	1290	725	1290	875	1290	1400
900	924	1350	550	1350	550	1350	550	1350	550	1350	725	1350	875	1350	1500
960	960	1440	575	1440	575	1440	575	1440	575	1440	750	1440	900	1440	1550
1000	1026	1270	575	1270	575	1270	575	1270	575	1360	900	1270	925	1270	1450
1100	1099	1320	600	1320	600	1320	600	1320	600	1520	900	1320	1025	1320	1600
1200	1229	1370	600	1370	600	1370	600	1370	600	1640	900	1400	1025	1500	1650
1280	1280	1400	650	1400	650	1400	650	1400	650	1660	900	1500	1050	1600	1750

* For intermediate angles, the data of the respective next larger angle apply.
Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

Segmented Elbow PN 10



Angle α*:		11.25°		15°		22.5°		30°		45°		60°		90°	
Segments:		2		2		2		2		3		3		4	
DN	d_e [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]	R [mm]	BL [mm]
1400	1434	1550	675	1550	675	1550	675	1550	675	1870	1000	1700	1200	1800	1950
1500	1499	1600	800	1600	800	1600	800	1600	800	2050	1100	1800	1300	1900	2100
1535	1535	1650	800	1650	800	1650	800	1650	800	2050	1100	1800	1300	1900	2100
1600	1638	1700	800	1700	800	1700	800	1700	800	2170	1100	1950	1300	2000	2200
1720	1720	1800	800	1800	800	1800	800	1800	800	2210	1070	1970	1280	2110	2260
1800	1842	1950	850	1950	850	1950	850	1950	850	2400	1140	2070	1340	2260	2410
1940	1937	2000	850	2000	850	2000	850	2000	850	2500	1190	2210	1420	2310	2460
2000	2047	2100	900	2100	900	2100	900	2100	900	2680	1260	2370	1510	2420	2570
2160	2160	2170	900	2170	900	2170	900	2170	900	2870	1340	2480	1580	2570	2720
2200	2250	2280	950	2280	950	2280	950	2280	950	2910	1360	2620	1660	2660	2800
2400	2400	2470	1000	2470	1000	2470	1000	2470	1000	3060	1420	2730	1720	2830	2970
2453	2453	2500	1000	2500	1000	2500	1000	2500	1000	3220	1480	2760	1740	2950	3090
2555	2555	2600	1000	2600	1000	2600	1000	2600	1000	-	-	-	-	-	-

* For intermediate angles, the data of the respective next larger angle apply.
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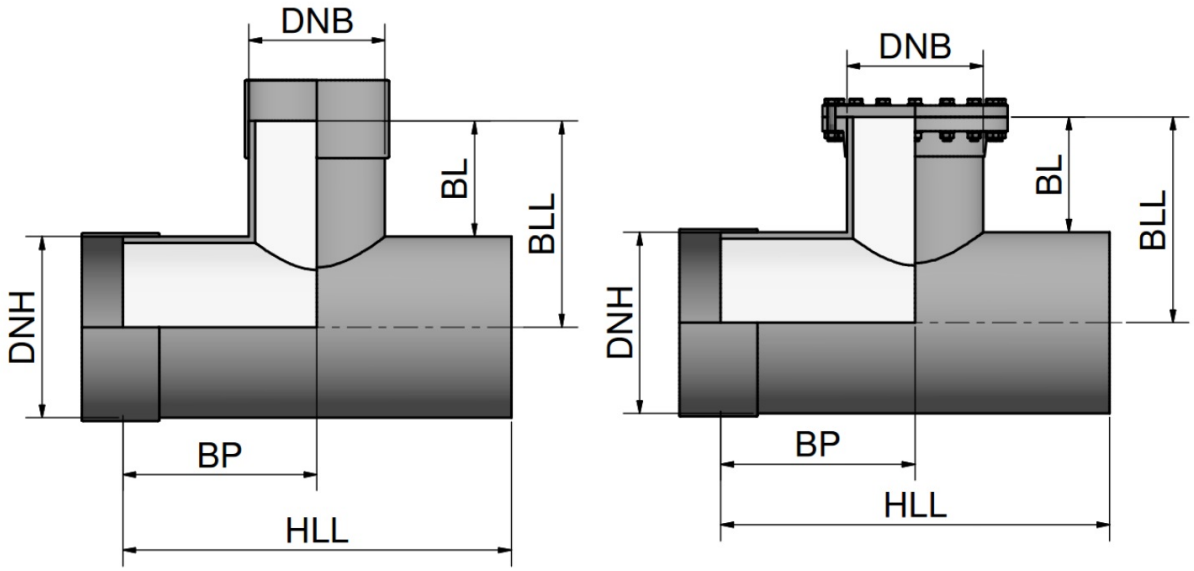
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
200	220	200	220	1000	400	510	500
250	272	200	220	1000	400	536	500
		250	272	1000	400	536	500
300	324	200	220	1000	400	562	500
		250	272	1000	400	562	500
		300	324	1000	400	562	500
350	376	200	220	1000	400	588	500
		250	272	1000	400	588	500
		300	324	1000	400	588	500
		350	376	1500	400	588	750
400	427	200	220	1000	400	614	500
		250	272	1000	400	614	500
		300	324	1000	400	614	500
		350	376	1500	400	614	750
		400	427	1500	400	614	750

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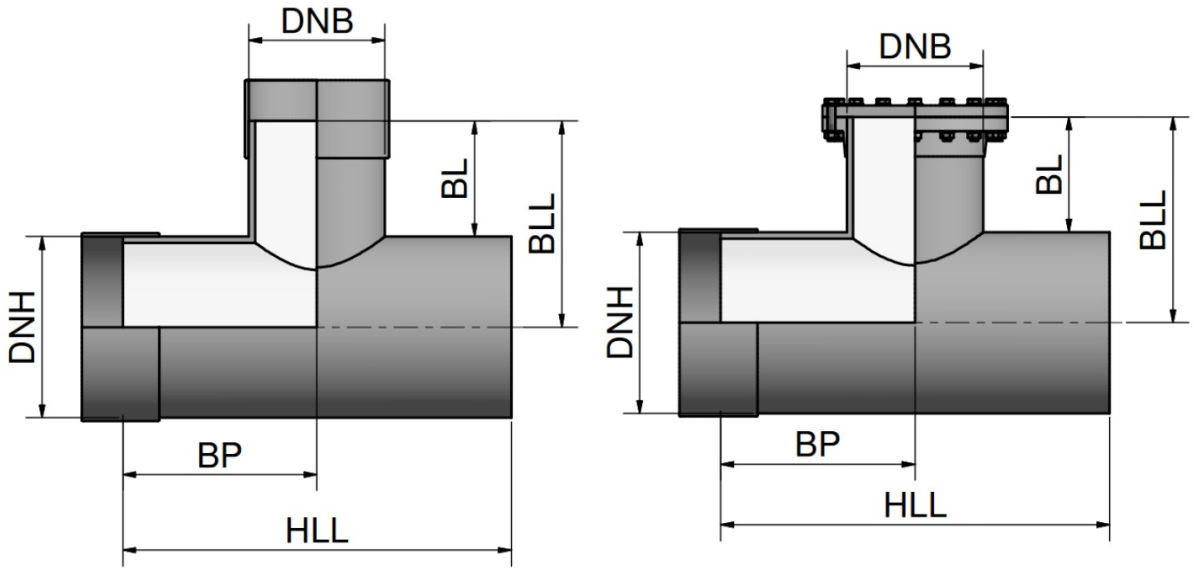
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
450	478	200	220	1000	400	639	500
		300	324	1500	400	639	750
		350	376	1500	400	639	750
		400	427	1500	400	639	750
		450	478	1500	450	689	750
500	530	200	220	1000	400	665	500
		300	324	1500	400	665	750
		400	427	1500	400	665	750
		450	478	1500	450	715	750
		500	530	1500	500	765	750
550	550	200	220	1000	400	675	500
		300	324	1500	400	675	750
		400	427	1500	400	675	750
		450	478	1500	450	725	750
		550	550	1500	500	775	750
600	616	200	220	1000	400	708	500
		350	376	1500	400	708	750
		450	478	1500	450	758	750
		500	530	1500	500	808	750
		600	616	1500	550	858	750

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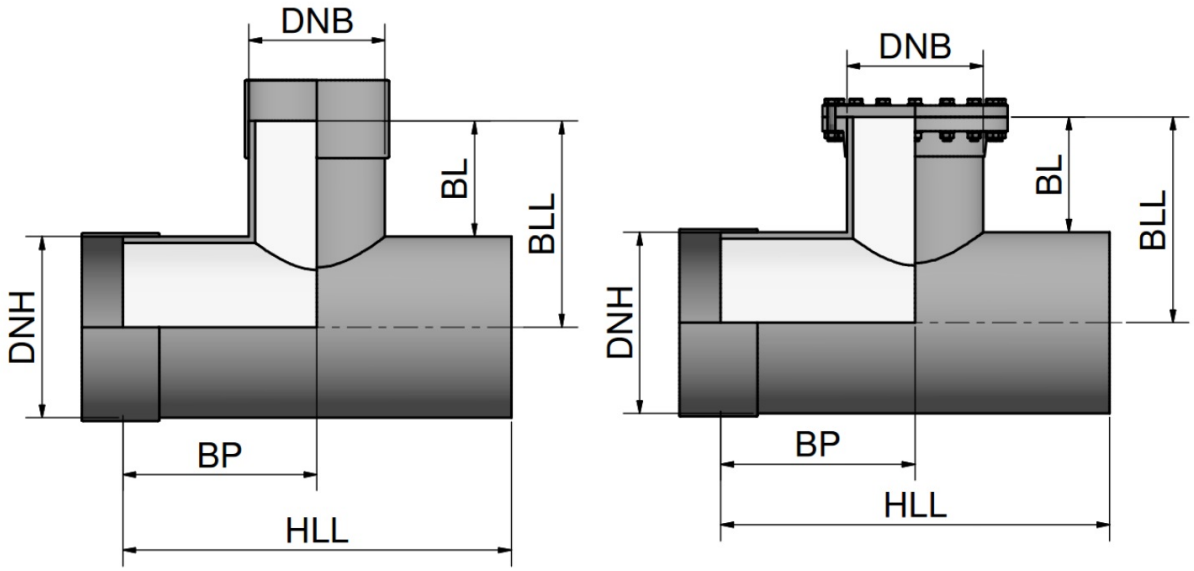
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
650	650	200	220	1000	400	725	500
		350	376	1500	400	725	750
		450	478	1500	450	775	750
		550	550	1500	500	825	750
		650	650	2000	550	875	1000
700	718	200	220	1000	400	759	500
		350	376	1500	400	759	750
		500	530	1500	500	859	750
		600	616	2000	550	909	1000
		700	718	2000	550	909	1000
750	752	200	220	1000	400	776	500
		350	376	1500	400	776	750
		500	530	1500	500	876	750
		600	616	2000	550	926	1000
		750	752	2000	650	1026	1000
800	820	200	220	1000	400	810	500
		400	427	1500	400	810	750
		550	550	2000	500	910	1000
		650	650	2000	550	960	1000
		800	820	2000	700	1110	1000

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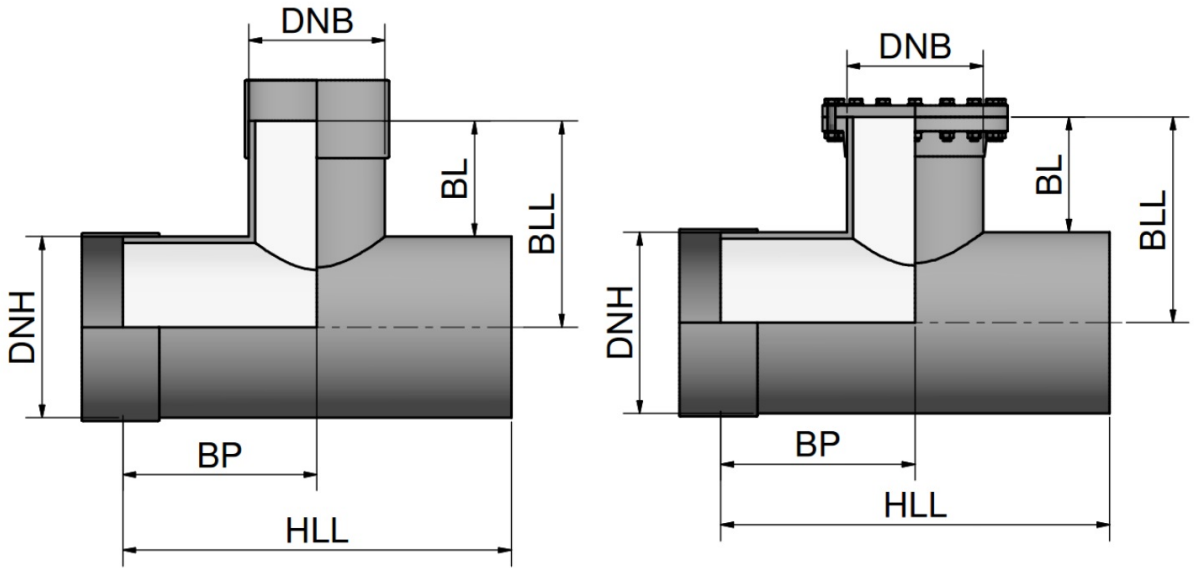
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
860	860	200	220	1500	400	830	750
		400	427	1500	400	830	750
		550	550	2000	500	930	1000
		700	718	2000	550	980	1000
		860	860	2000	700	1130	1000
900	924	200	220	1500	400	862	750
		400	427	1500	400	862	750
		600	616	2000	550	1012	1000
		750	752	2000	650	1112	1000
		900	924	2500	800	1262	1250
960	960	200	220	1500	400	880	750
		400	427	1500	400	880	750
		600	616	2000	550	1030	1000
		750	752	2000	650	1130	1000
		960	960	2500	800	1280	1250
1000	1026	200	220	1500	400	913	750
		450	478	2000	450	963	1000
		650	650	2000	550	1063	1000
		800	820	2000	700	1213	1000
		1000	1026	2500	850	1363	1250

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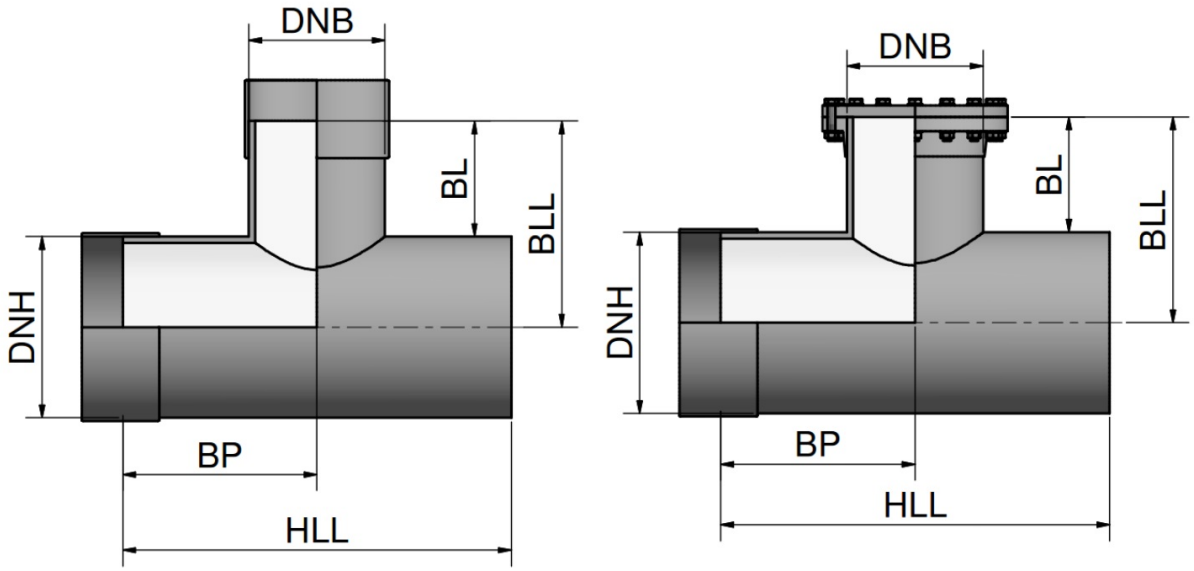
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1100	1099	200	220	1500	400	950	750
		450	478	2000	450	1000	1000
		650	650	2000	550	1100	1000
		860	860	2500	700	1250	1250
		1100	1099	2500	900	1450	1250
1200	1229	200	220	1500	400	1015	750
		450	478	2000	450	1065	1000
		700	718	2000	550	1165	1000
		900	924	2500	800	1415	1250
		1200	1229	3000	950	1565	1500
1280	1280	200	220	1500	400	1040	750
		450	478	2000	450	1090	1000
		700	718	2000	550	1190	1000
		900	924	2500	800	1440	1250
		1280	1280	3000	1000	1640	1500
1400	1434	200	220	1500	400	1117	750
		500	530	2000	500	1217	1000
		750	752	2500	650	1367	1250
		960	960	2500	800	1517	1250
		1400	1434	3500	1100	1817	1750

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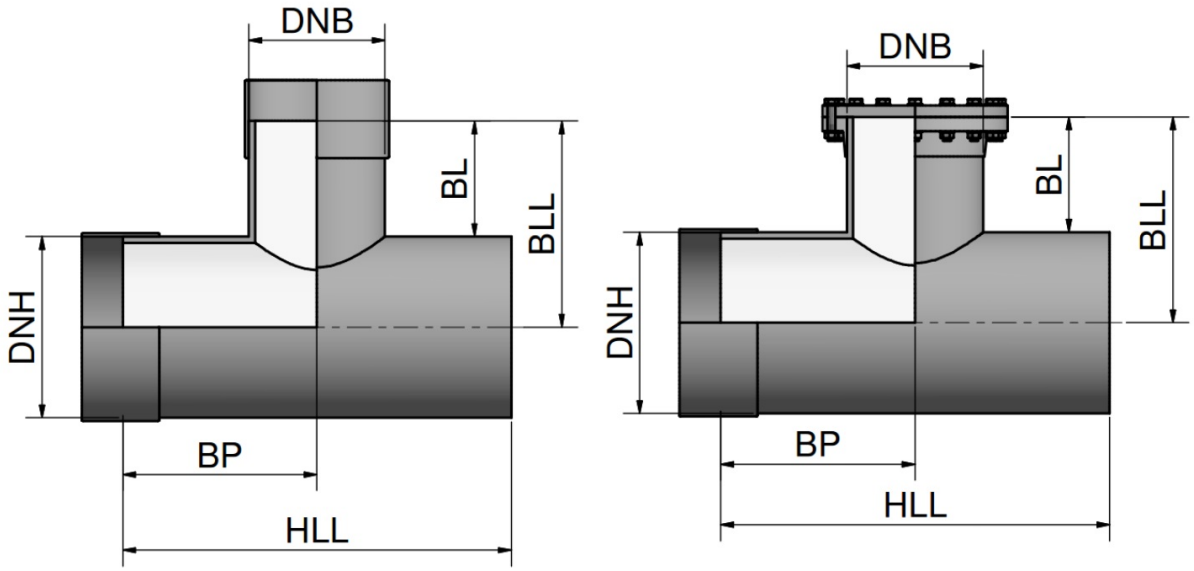
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1500	1499	200	220	1500	400	1150	750
		500	530	2000	500	1250	1000
		750	752	2500	650	1400	1250
		1000	1026	2500	850	1600	1250
		1500	1499	3500	1200	1950	1750
1535	1535	200	220	1500	400	1168	750
		500	530	2000	500	1268	1000
		800	820	2500	700	1468	1250
		1100	1099	3000	900	1668	1500
		1535	1535	3500	1200	1968	1750
1600	1638	200	220	1500	400	1219	750
		500	530	2000	500	1319	1000
		800	820	2500	700	1519	1250
		1100	1099	3000	900	1719	1500
		1600	1638	3500	1300	2119	1750
1720	1720	200	220	1500	400	1260	750
		500	530	2000	500	1360	1000
		800	820	2500	700	1560	1250
		1100	1099	3000	900	1760	1500
		1535	1535	3500	1200	2060	1750

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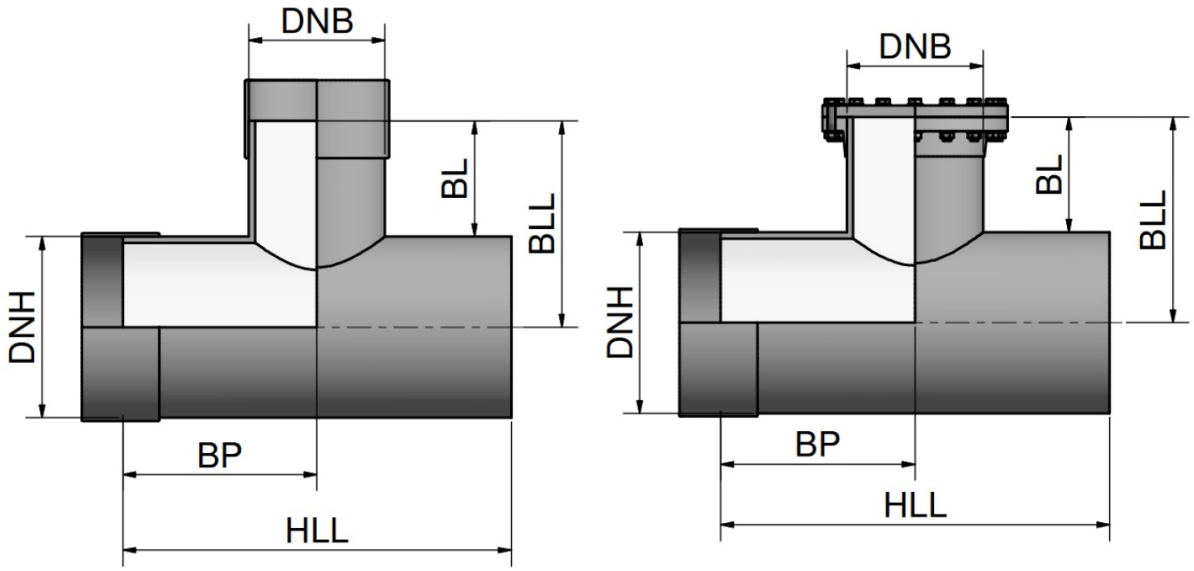
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1800	1842	200	220	1500	400	1321	750
		500	530	2000	500	1421	1000
		800	820	2500	700	1621	1250
		1100	1099	3000	900	1821	1500
		1600	1638	3500	1300	2221	1750
1940	1937	200	220	1500	400	1369	750
		550	550	2000	500	1469	1000
		860	860	2500	700	1669	1250
		1200	1229	3000	950	1919	1500
		1720	1720	4000	1300	2269	2000
2000	2047	200	220	1500	400	1424	750
		550	550	2000	500	1524	1000
		860	860	2500	700	1724	1250
		1280	1280	3000	1000	2024	1500
		1800	1842	4000	1400	2424	2000
2160	2160	200	220	1500	400	1480	750
		550	550	2500	500	1580	1250
		900	924	3000	800	1880	1500
		1400	1434	3500	1100	2180	1750
		1940	1937	4500	1500	2580	2250

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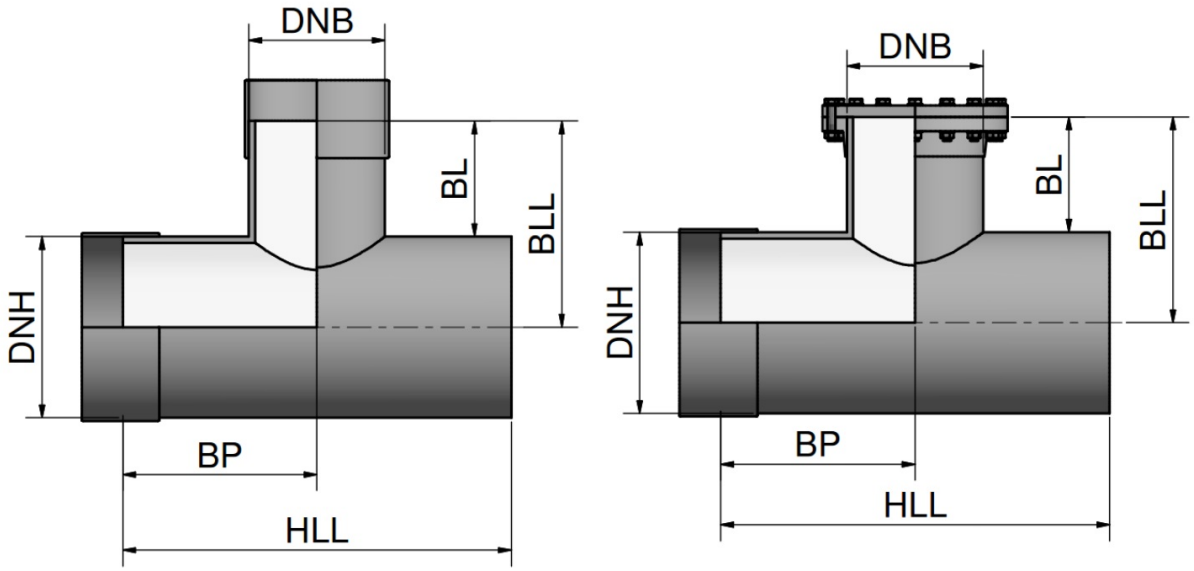
T-Piece Concentric PN 6



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
2200	2250	200	220	1500	400	1525	750
		500	530	2500	500	1625	1250
		800	820	2500	700	1825	1250
		1100	1099	3000	900	2025	1500
		1600	1638	4000	1300	2425	2000
2400	2400	200	220	1500	400	1600	750
		500	530	2500	500	1700	1250
		800	820	2500	700	1900	1250
		1100	1099	3000	900	2100	1500
		1600	1638	4000	1300	2500	2000
2453	2453	200	220	1500	400	1627	750
		500	530	2500	500	1727	1250
		800	820	3000	700	1927	1500
		1100	1099	3000	900	2127	1500
		1600	1638	4000	1300	2527	2000
2555	2555	200	220	1500	400	1678	750
		500	530	2500	500	1778	1250
		800	820	3000	700	1978	1500
		1100	1099	3000	900	2178	1500
		1600	1638	4000	1300	2578	2000

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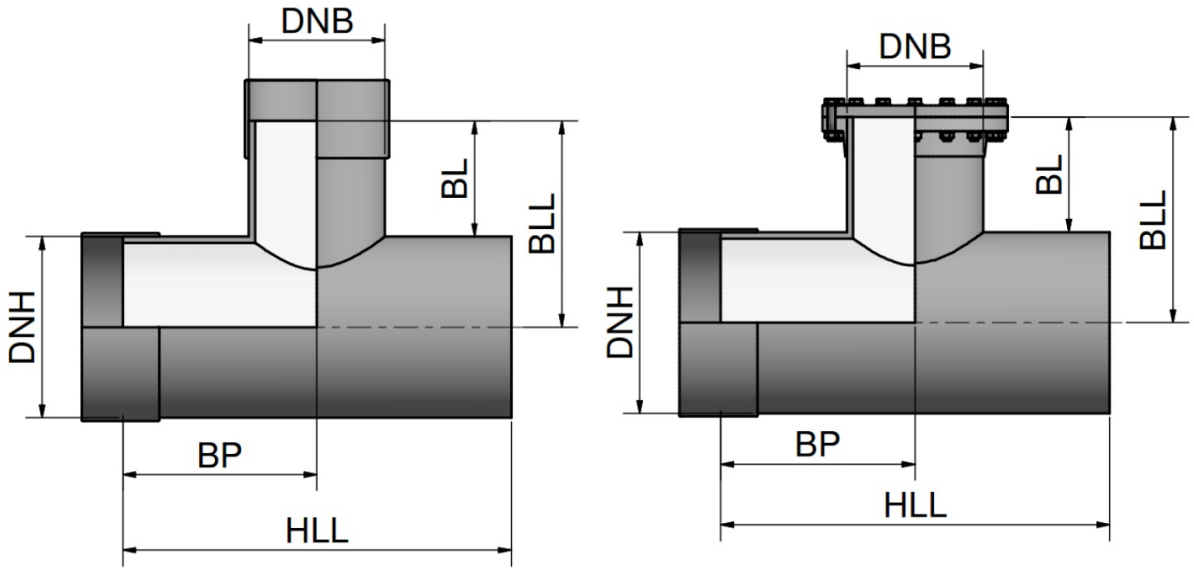
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
200	220	200	220	1000	400	510	500
250	272	200	220	1000	400	536	500
		250	272	1000	400	536	500
300	324	200	220	1000	400	562	500
		250	272	1000	400	562	500
		300	324	1000	400	562	500
350	376	200	220	1000	400	588	500
		250	272	1000	400	588	500
		300	324	1000	400	588	500
		350	376	1500	400	588	750
400	427	200	220	1000	400	614	500
		250	272	1000	400	614	500
		300	324	1000	400	614	500
		350	376	1500	400	614	750
		400	427	1500	400	614	750

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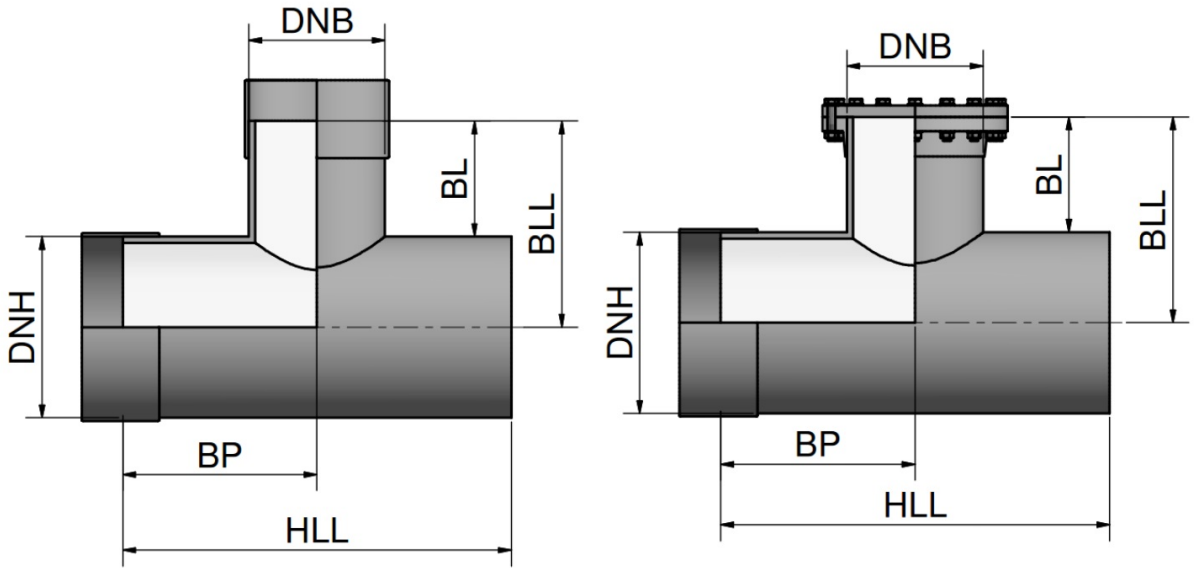
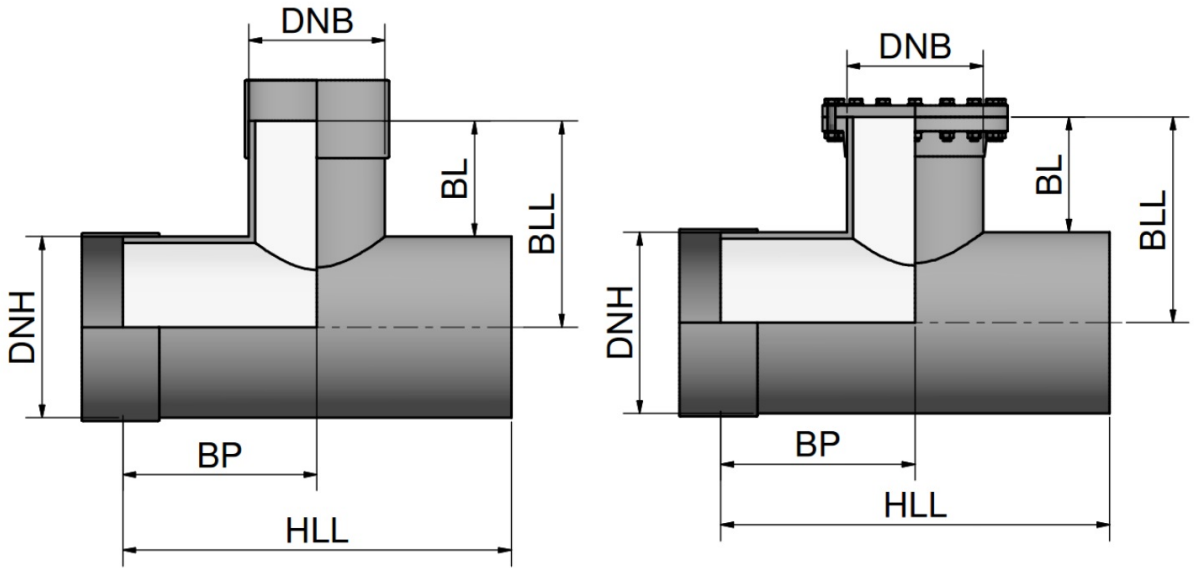
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
450	478	200	220	1000	400	639	500
		300	324	1500	400	639	750
		350	376	1500	400	639	750
		400	427	1500	400	639	750
		450	478	1500	450	689	750
500	530	200	220	1000	400	665	500
		300	324	1500	400	665	750
		400	427	1500	400	665	750
		450	478	1500	450	715	750
		500	530	1500	500	765	750
550	550	200	220	1000	400	675	500
		300	324	1500	400	675	750
		400	427	1500	400	675	750
		450	478	1500	450	725	750
		550	550	1500	500	775	750
600	616	200	220	1000	400	708	500
		350	376	1500	400	708	750
		450	478	1500	450	758	750
		500	530	1500	500	808	750
		600	616	1500	550	858	750

Table contains selected branch sizes. For our full portfolio, please visit www.amiblu.com.
Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
650	650	200	220	1000	400	725	500
		350	376	1500	400	725	750
		450	478	1500	450	775	750
		550	550	1500	500	825	750
		650	650	2000	550	875	1000
700	718	200	220	1000	400	759	500
		350	376	1500	400	759	750
		500	530	1500	500	859	750
		600	616	2000	550	909	1000
		700	718	2000	550	909	1000
750	752	200	220	1000	400	776	500
		350	376	1500	400	776	750
		500	530	1500	500	876	750
		600	616	2000	550	926	1000
		750	752	2000	650	1026	1000
800	820	200	220	1000	400	810	500
		400	427	1500	400	810	750
		550	550	2000	500	910	1000
		650	650	2000	550	960	1000
		800	820	2000	700	1110	1000

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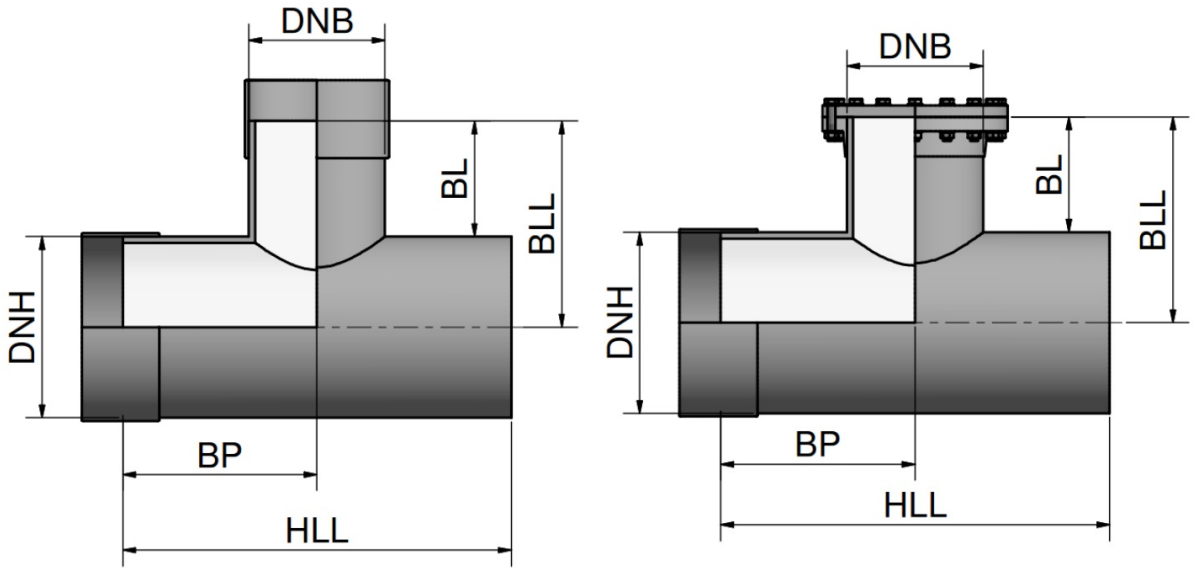
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
860	860	200	220	1500	400	830	750
		400	427	1500	400	830	750
		550	550	2000	500	930	1000
		700	718	2000	550	980	1000
		860	860	2000	700	1130	1000
900	924	200	220	1500	400	862	750
		400	427	1500	400	862	750
		600	616	2000	550	1012	1000
		750	752	2000	650	1112	1000
		900	924	2500	800	1262	1250
960	960	200	220	1500	400	880	750
		400	427	1500	400	880	750
		600	616	2000	550	1030	1000
		750	752	2000	650	1130	1000
		960	960	2500	800	1280	1250
1000	1026	200	220	1500	400	913	750
		450	478	2000	450	963	1000
		650	650	2000	550	1063	1000
		800	820	2000	700	1213	1000
		1000	1026	2500	850	1363	1250

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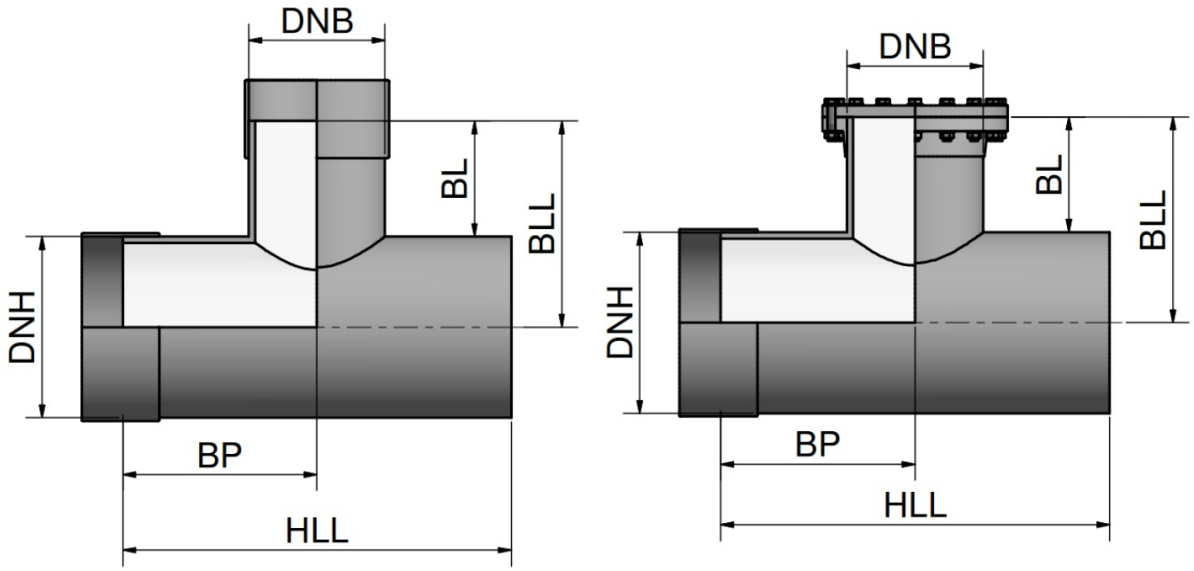
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1100	1099	200	220	1500	400	950	750
		450	478	2000	450	1000	1000
		650	650	2000	550	1100	1000
		860	860	2500	700	1250	1250
		1100	1099	2500	900	1450	1250
1200	1229	200	220	1500	400	1015	750
		450	478	2000	450	1065	1000
		700	718	2000	550	1165	1000
		900	924	2500	800	1415	1250
		1200	1229	3000	950	1565	1500
1280	1280	200	220	1500	400	1040	750
		450	478	2000	450	1090	1000
		650	650	2000	550	1190	1000
		860	860	2500	700	1340	1250
		1100	1099	2500	900	1540	1250
1400	1434	200	220	1500	400	1117	750
		450	478	2000	450	1167	1000
		700	718	2000	550	1267	1000
		900	924	2500	800	1517	1250
		1280	1280	3000	1000	1717	1500

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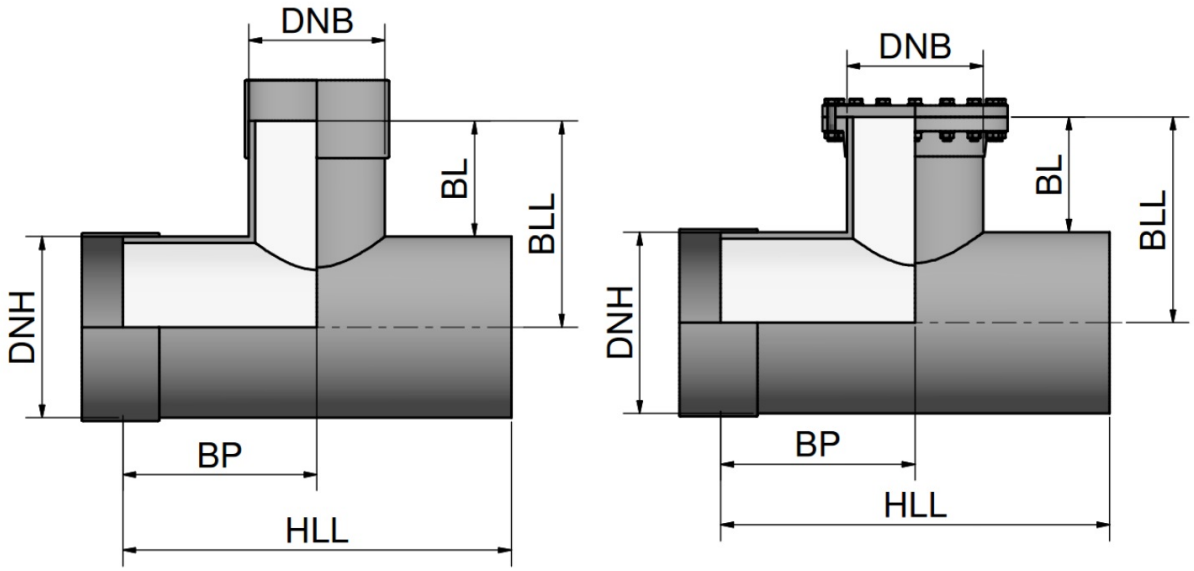
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1500	1499	200	220	1500	400	1150	750
		450	478	2000	450	1200	1000
		650	650	2000	550	1300	1000
		860	860	2500	700	1450	1250
		1100	1099	3000	900	1650	1500
1535	1535	200	220	1500	400	1168	750
		450	478	2000	450	1218	1000
		650	650	2500	550	1318	1250
		860	860	2500	700	1468	1250
		1100	1099	3000	900	1668	1500
1600	1638	200	220	1500	400	1219	750
		450	478	2000	450	1269	1000
		650	650	2500	550	1369	1250
		860	860	2500	700	1519	1250
		1100	1099	3000	900	1719	1500
1720	1720	200	220	1500	400	1260	750
		400	427	2000	400	1260	1000
		550	550	2000	500	1360	1000
		650	650	2500	550	1410	1250
		800	820	2500	700	1560	1250

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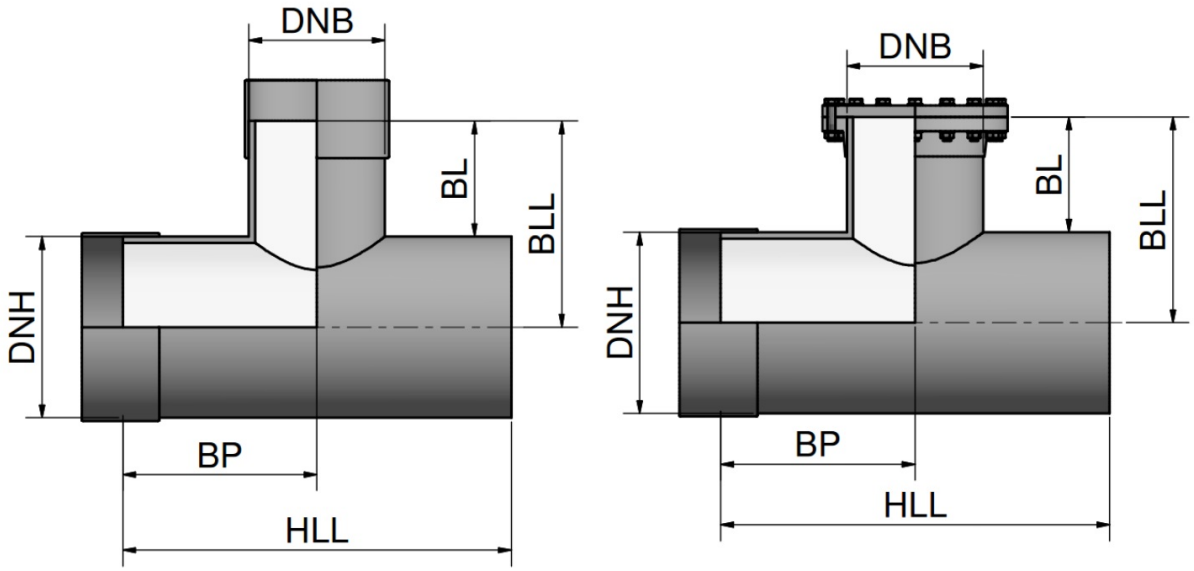
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
1800	1842	200	220	1500	400	1321	750
		400	427	2000	400	1321	1000
		550	550	2000	500	1421	1000
		650	650	2500	550	1471	1250
		800	820	2500	700	1621	1250
1940	1937	200	220	1500	400	1369	750
		400	427	2000	400	1369	1000
		550	550	2000	500	1469	1000
		650	650	2500	550	1519	1250
		800	820	2500	700	1669	1250
2000	2047	200	220	1500	400	1424	750
		400	427	2000	400	1424	1000
		550	550	2000	500	1524	1000
		650	650	2500	550	1574	1250
		800	820	2500	700	1724	1250
2160	2160	200	220	1500	400	1480	750
		400	427	2000	400	1480	1000
		550	550	2500	500	1580	1250
		650	650	2500	550	1630	1250
		800	820	2500	700	1780	1250

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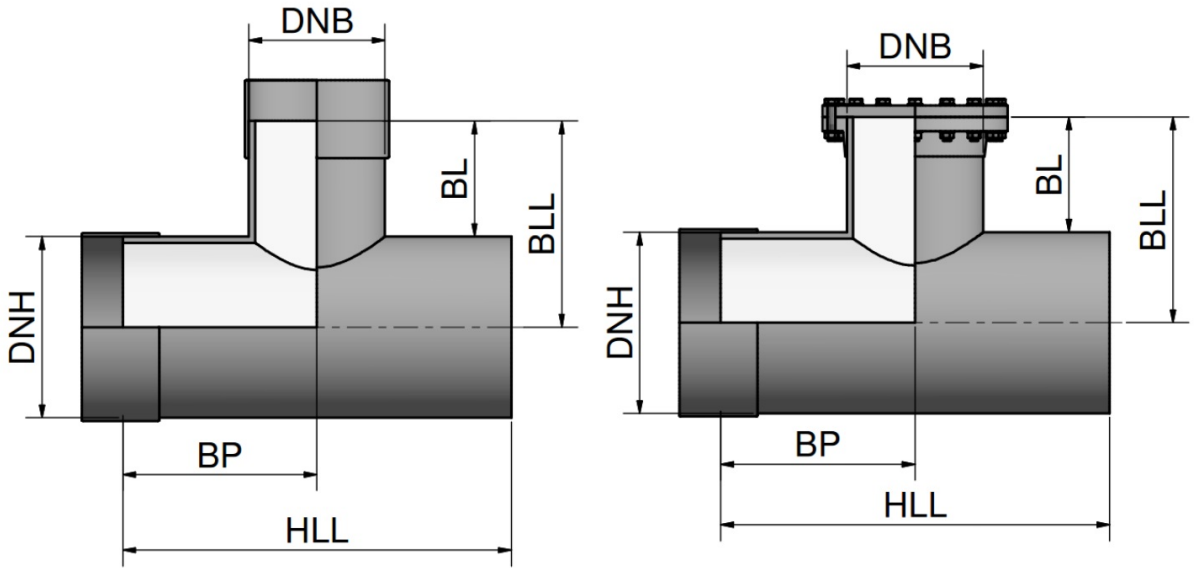
T-Piece Concentric PN 10



DN_H	d_{eH} [mm]	DN_B	d_{eB} [mm]	HLL [mm]	BL [mm]	BLL [mm]	BP [mm]
2200	2250	200	220	1500	400	1525	750
		400	427	2000	400	1525	1000
		550	550	2500	500	1625	1250
		650	650	2500	550	1675	1250
		800	820	2500	700	1825	1250
2400	2400	200	220	1500	400	1600	750
		400	427	2000	400	1600	1000
		550	550	2500	500	1700	1250
		650	650	2500	550	1750	1250
		800	820	2500	700	1900	1250
2453	2453	200	220	1500	400	1627	750
		400	427	2000	400	1627	1000
		550	550	2500	500	1727	1250
		650	650	2500	550	1777	1250
		800	820	3000	700	1927	1500

Table contains selected branch sizes. For our full portfolio, please visit www.amiblu.com.
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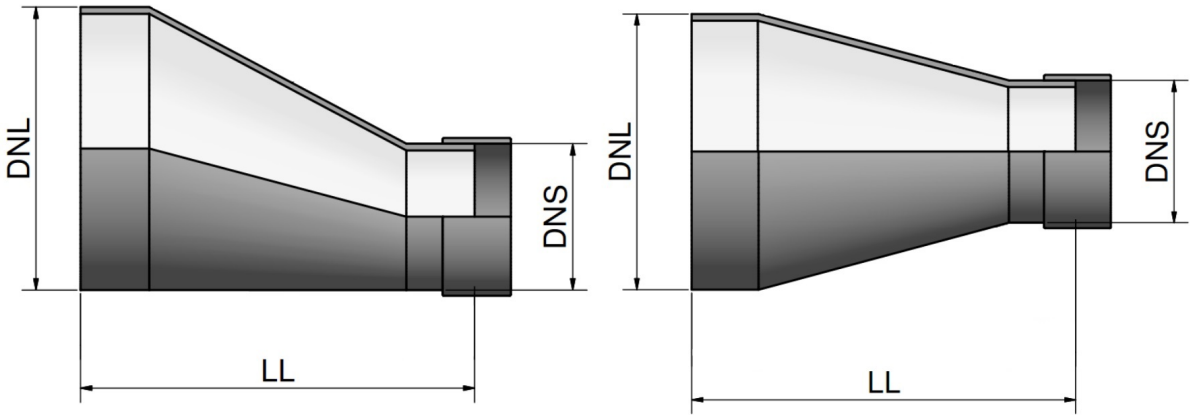
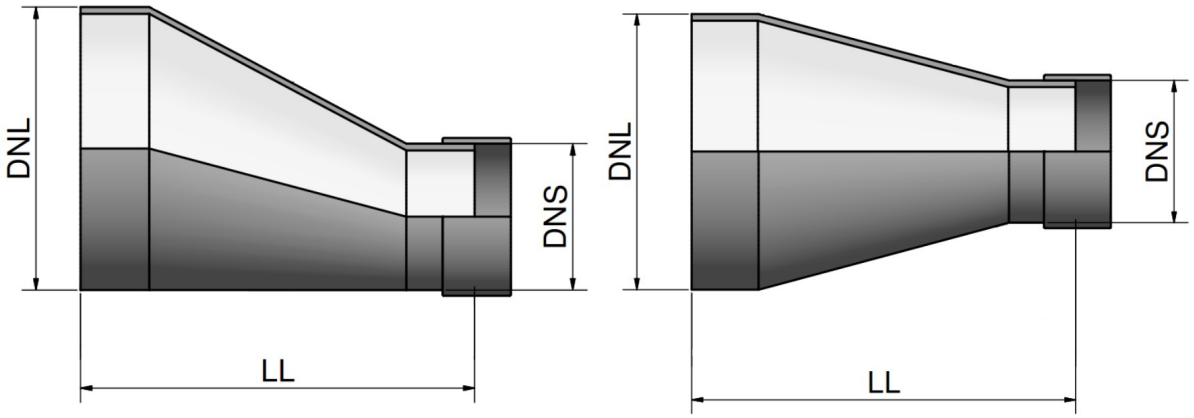
Reducer PN 6



DN_L	d_{eL} [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]
250	272	200	220	750	-	-	-	-	-	-	-	-	-
300	324	250	272	750	200	220	900	-	-	-	-	-	-
350	376	300	324	750	250	272	900	200	220	1000	-	-	-
400	427	350	376	750	300	324	900	250	272	1000	200	220	1200
450	478	400	427	750	350	376	900	300	324	1000	250	272	1200
500	530	450	478	750	400	427	1000	350	376	1000	300	324	1200
550	550	500	530	750	450	478	1000	400	427	1000	350	376	1200
600	616	550	550	750	500	530	1000	450	478	1000	400	427	1200
650	650	600	616	750	550	550	1000	500	530	1000	450	478	1200
700	718	650	650	1000	600	616	1000	550	550	1200	500	530	1200
750	752	700	718	1000	650	650	1000	600	616	1200	550	550	1200
800	820	750	752	1000	700	718	1000	650	650	1200	600	616	1200
860	860	800	820	1000	750	752	1000	700	718	1200	650	650	1200
900	924	860	860	1000	800	820	1000	750	752	1200	700	718	1200
960	960	900	924	1000	860	860	1000	800	820	1200	750	752	1200
1000	1026	960	960	1000	900	924	1000	860	860	1200	800	820	1500
1100	1099	1000	1026	1000	960	960	1000	900	924	1200	860	860	1500
1200	1229	1100	1099	1100	1000	1026	1300	960	960	1500	900	924	1500
1280	1280	1200	1229	1100	1100	1099	1300	1000	1026	1500	960	960	1750
1400	1434	1280	1280	1300	1200	1229	1500	1100	1099	1750	1000	1026	1750

Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

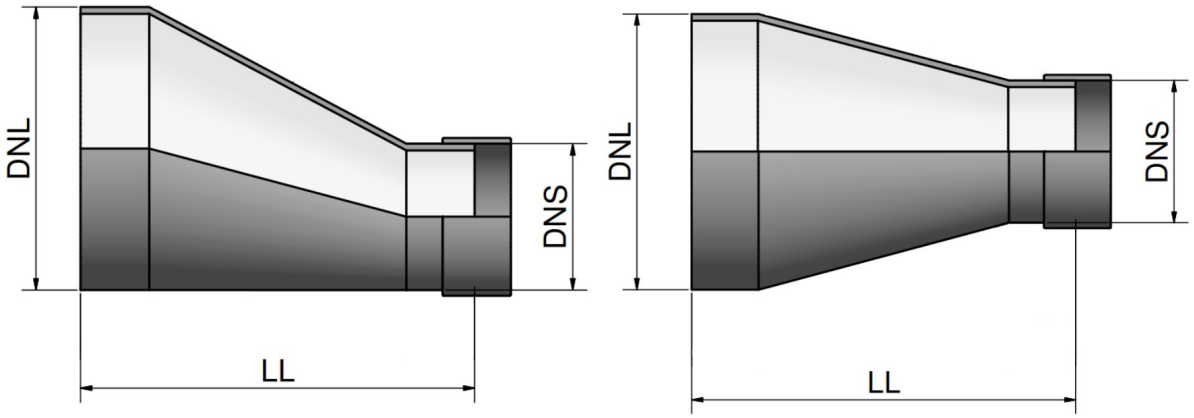
Reducer PN 6



DN_L	d_{eL} [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]
1500	1499	1400	1434	1100	1280	1280	1500	1200	1229	1750	1100	1099	1750
1535	1535	1500	1499	1100	1400	1434	1300	1280	1280	1750	1200	1229	1750
1600	1638	1535	1535	1200	1500	1499	1300	1400	1434	1500	1280	1280	1750
1720	1720	1600	1638	1200	1535	1535	1500	1500	1499	1500	1400	1434	1750
1800	1842	1720	1720	1200	1600	1638	1500	1535	1535	1750	1500	1499	1750
1940	1937	1800	1842	1200	1720	1720	1500	1600	1638	1750	1535	1535	2000
2000	2047	1940	1937	1200	1800	1842	1500	1720	1720	1750	1600	1638	2000
2160	2160	2000	2047	1200	1940	1937	1500	1800	1842	1750	1720	1720	2250
2200	2250	2160	2160	1500	2000	2047	1500	1940	1937	2000	1800	1842	2250
2400	2400	2200	2250	1500	2160	2160	1750	2000	2047	2000	1940	1937	2250
2453	2453	2400	2400	1500	2200	2250	1750	2160	2160	2000	2000	2047	2250
2555	2555	2453	2453	1500	2400	2400	1750	2200	2250	2000	2160	2160	2250

Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

Reducer PN 10



DN_L	d_{eL} [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]
250	272	200	220	750	-	-	-	-	-	-	-	-	-
300	324	250	272	750	200	220	900	-	-	-	-	-	-
350	376	300	324	750	250	272	900	200	220	1000	-	-	-
400	427	350	376	750	300	324	900	250	272	1000	200	220	1200
450	478	400	427	750	350	376	900	300	324	1000	250	272	1200
500	530	450	478	750	400	427	1000	350	376	1000	300	324	1200
550	550	500	530	750	450	478	1000	400	427	1000	350	376	1200
600	616	550	550	750	500	530	1000	450	478	1000	400	427	1200
650	650	600	616	750	550	550	1000	500	530	1000	450	478	1200
700	718	650	650	1000	600	616	1000	550	550	1200	500	530	1200
750	752	700	718	1000	650	650	1000	600	616	1200	550	550	1200
800	820	750	752	1000	700	718	1000	650	650	1200	600	616	1200
860	860	800	820	1000	750	752	1000	700	718	1200	650	650	1200
900	924	860	860	1000	800	820	1000	750	752	1200	700	718	1200
960	960	900	924	1000	860	860	1000	800	820	1200	750	752	1200
1000	1026	960	960	1000	900	924	1000	860	860	1200	800	820	1500
1100	1099	1000	1026	1000	960	960	1000	900	924	1200	860	860	1500
1200	1229	1100	1099	1100	1000	1026	1300	960	960	1500	900	924	1500
1280	1280	1200	1229	1100	1100	1099	1300	1000	1026	1500	960	960	1750
1400	1434	1280	1280	1300	1200	1229	1500	1100	1099	1750	1000	1026	1750

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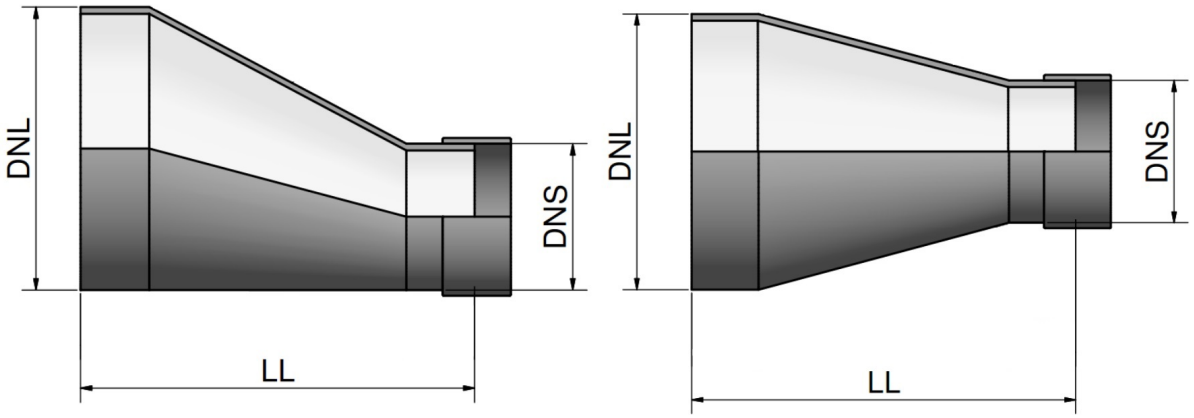
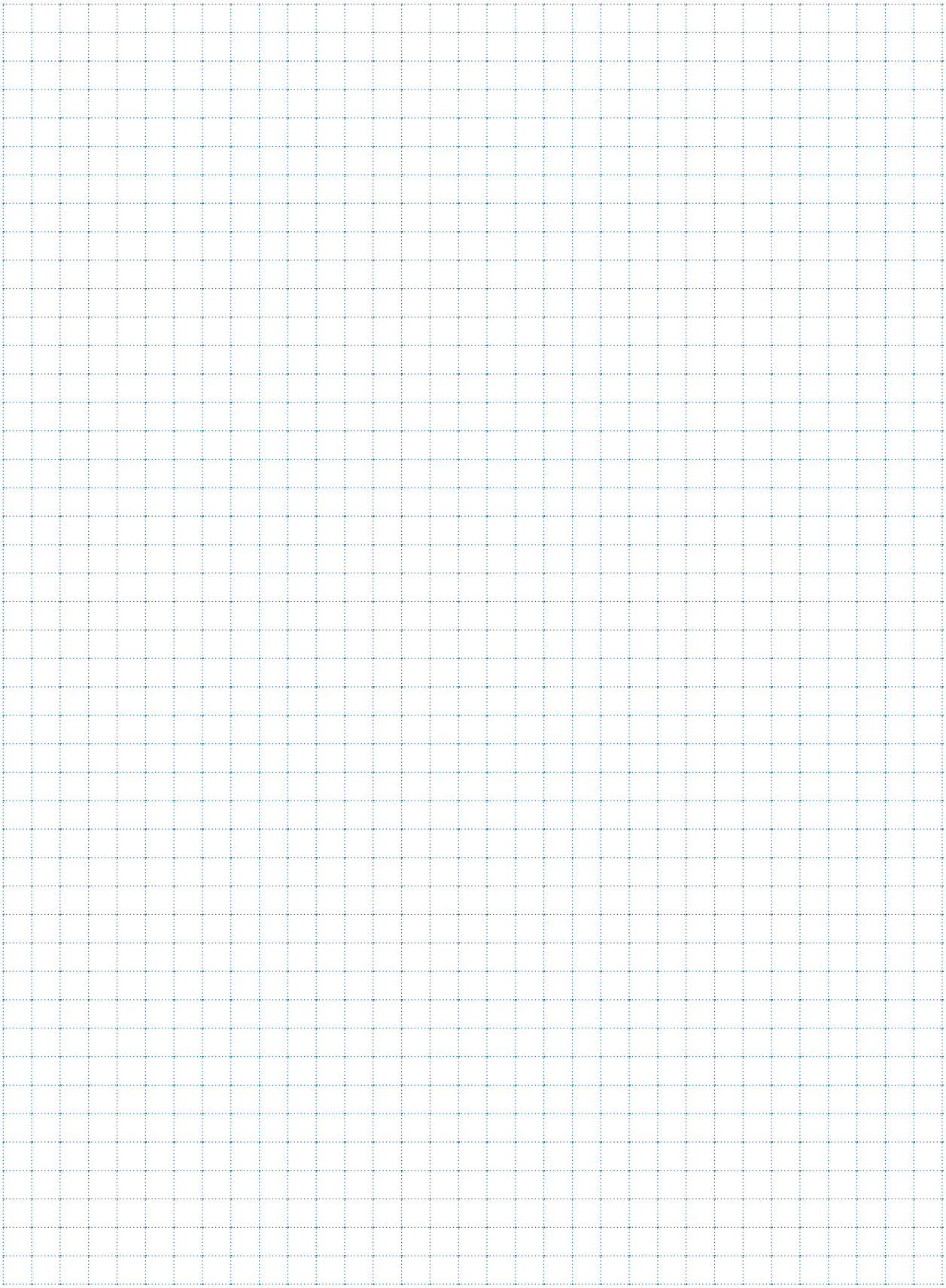
Reducer PN 10



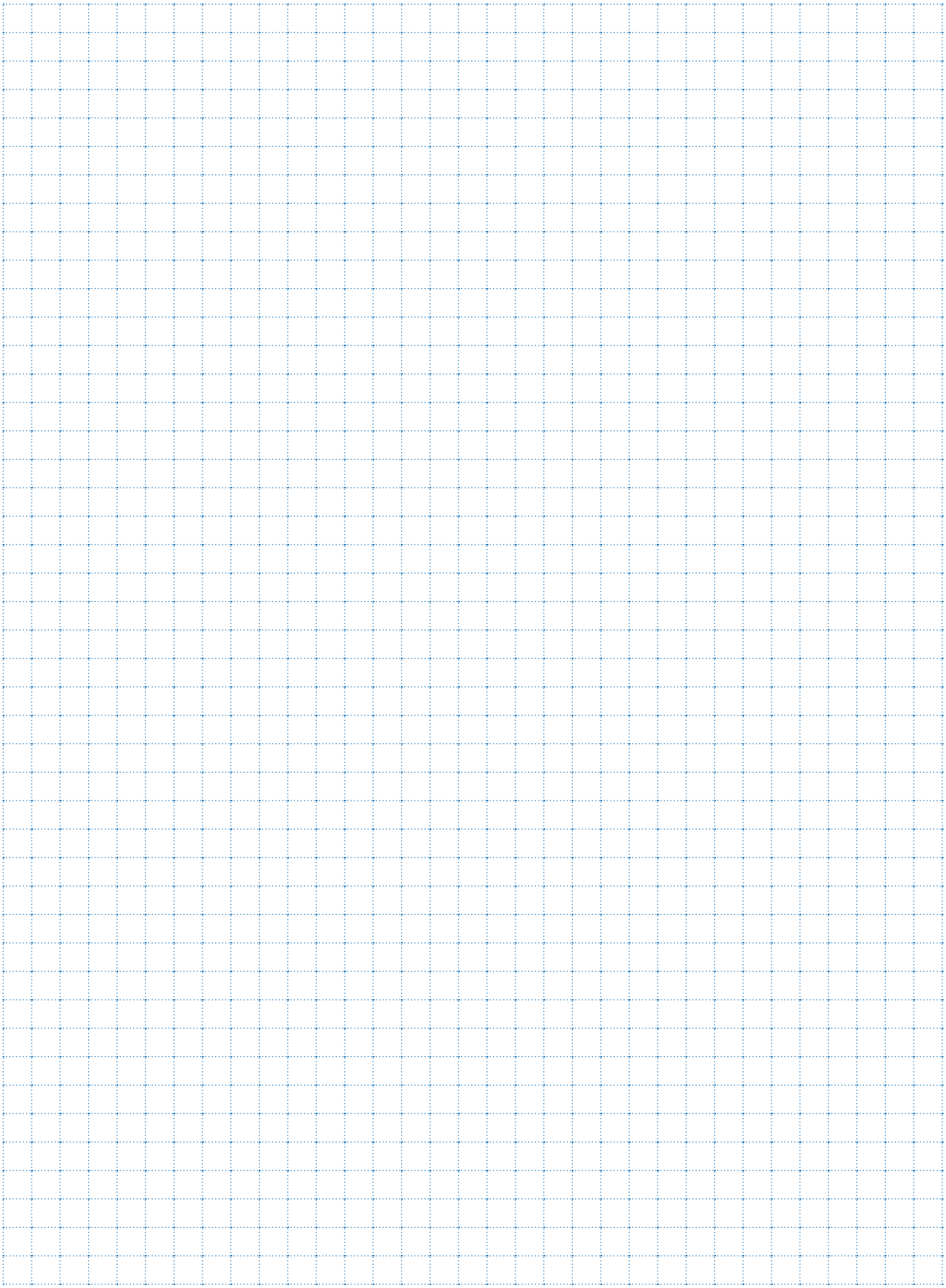
DN_L	d_{eL} [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]	DN_S	d_{eS} [mm]	LL [mm]
1500	1499	1400	1434	1100	1280	1280	1500	1200	1229	1750	-	-	-
1535	1535	1500	1499	1100	1400	1434	1300	1280	1280	1750	1200	1229	1750
1600	1638	1535	1535	1200	1500	1499	1300	1400	1434	1500	1280	1280	1750
1720	1720	1600	1638	1200	1535	1535	1500	1500	1499	1500	1400	1434	1750
1800	1842	1720	1720	1200	1600	1638	1500	1535	1535	1750	1500	1499	1750
1940	1937	1800	1842	1200	1720	1720	1500	1600	1638	1750	1535	1535	2000
2000	2047	1940	1937	1200	1800	1842	1500	1720	1720	1750	1600	1638	2000
2160	2160	2000	2047	1200	1940	1937	1500	1800	1842	1750	1720	1720	2250
2200	2250	2160	2160	1500	2000	2047	1500	1940	1937	2000	1800	1842	2250
2400	2400	2200	2250	1500	2160	2160	1750	2000	2047	2000	1940	1937	2250
2453	2453	2400	2400	1500	2200	2250	1750	2160	2160	2000	2000	2047	2250
2555	2555	2453	2453	1500	2400	2400	1750	2200	2250	2000	2160	2160	2250

Sizes can be adapted to meet transport requirements. For project-related dimensions, please contact Amiblu.

Notes



Notes



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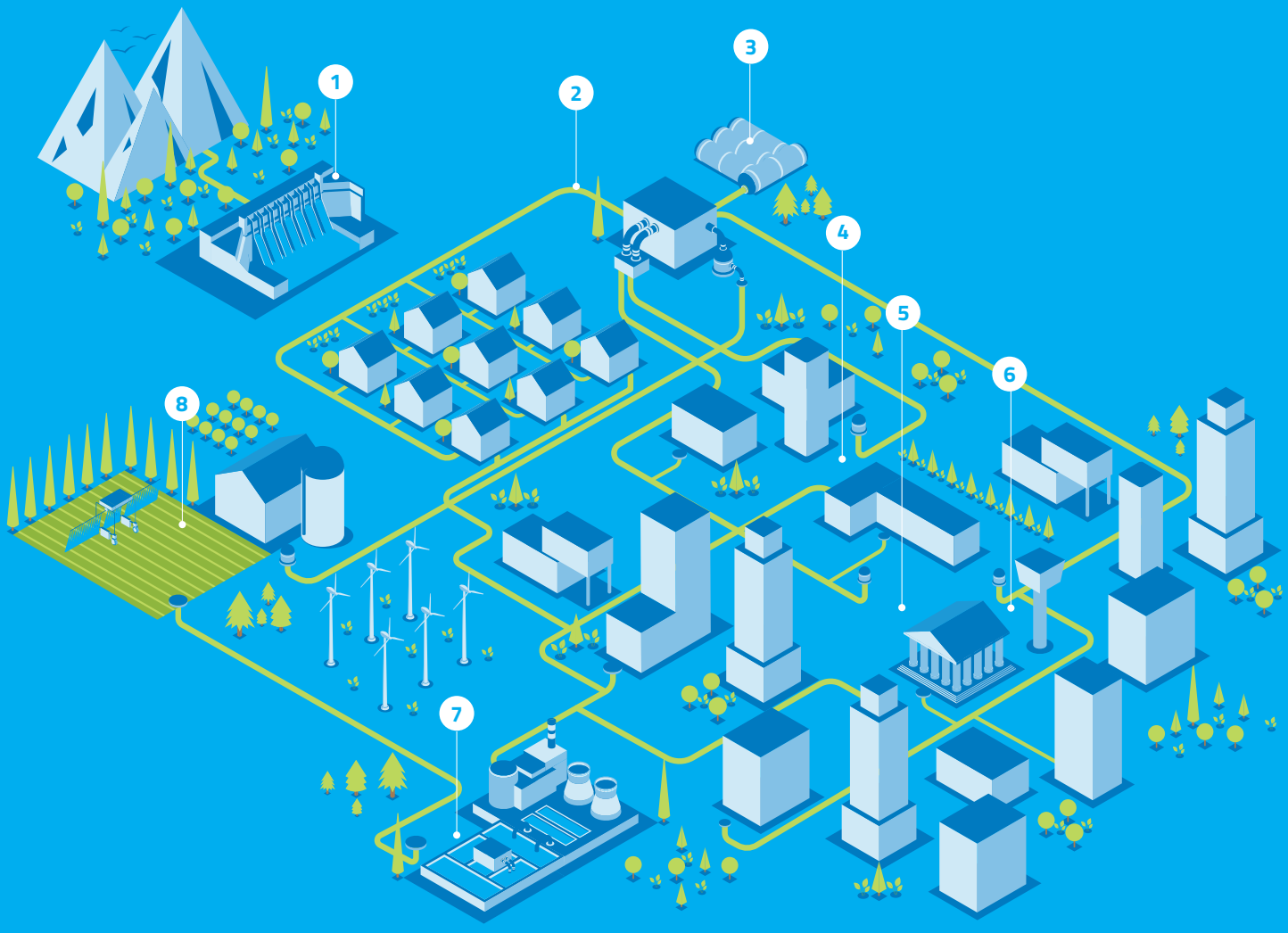
Let’s value water as we should.

1. Hydropower
2. Potable Water
3. Storage Tanks
4. Sewage and Stormwater
5. NC Pipes Rehabilitation
6. Jacking Pipes
7. Industry
8. Irrigation



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