

TB - Tapered branches

Light gauge Galvanized piping system – Branches



Description

Beadings on ends of the branches allows for assembly with fitting rings. Alternatively, loose flanges can be used for assembly.

All tapered branches have a straight section in both ends to allow use of Wide rings.

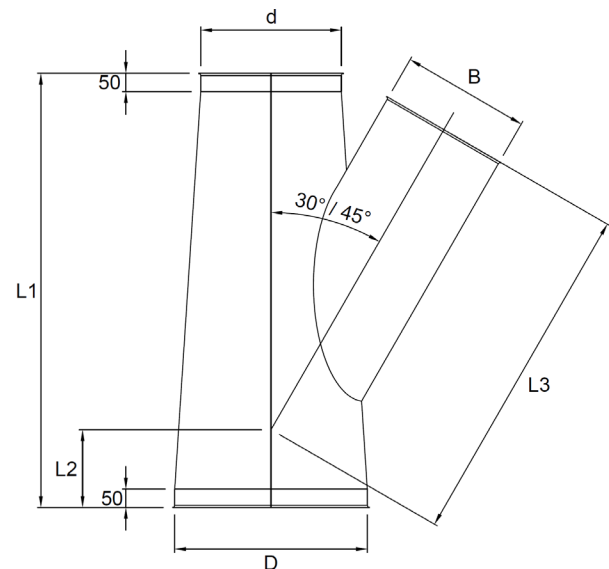
Double branches are available upon request.

Specifications

Material: Galvanized steel

Surface: Z275

Angle: 30° or 45°



D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
100	80	80	0.75	450	147	320	1.1	01310100-0080-0080	400	155	285	0.9	01320100-0080-0080
120	80	80	0.75	450	138	331	1.1	01310120-0080-0080	400	150	292	1.0	01320120-0080-0080
120	80	100	0.75	450	129	341	1.2	01310120-0080-0100	400	145	299	1.1	01320120-0080-0100
120	100	80	0.75	450	138	325	1.2	01310120-0100-0080	400	150	282	1.1	01320120-0100-0080
120	100	100	0.75	450	129	335	1.3	01310120-0100-0100	400	145	289	1.2	01320120-0100-0100
125	80	80	0.75	450	136	333	1.2	01310125-0080-0080	400	149	293	1.0	01320125-0080-0080
125	80	100	0.75	450	127	343	1.3	01310125-0080-0100	400	144	300	1.1	01320125-0080-0100
125	80	120	0.75	450	118	353	1.4	01310125-0080-0120	400	139	308	1.2	01320125-0080-0120
125	100	80	0.75	450	136	327	1.2	01310125-0100-0080	400	149	283	1.1	01320125-0100-0080
125	100	100	0.75	450	127	337	1.3	01310125-0100-0100	400	144	290	1.2	01320125-0100-0100
125	100	120	0.75	450	118	347	1.4	01310125-0100-0120	400	139	298	1.3	01320125-0100-0120
125	120	120	0.75	500	143	370	1.7	01310125-0120-0120	450	164	323	1.5	01320125-0120-0120
140	80	80	0.75	450	129	341	1.2	01310140-0080-0080	400	145	299	1.1	01320140-0080-0080
140	80	100	0.75	450	121	351	1.3	01310140-0080-0100	400	140	306	1.2	01320140-0080-0100
140	80	120	0.75	450	112	361	1.4	01310140-0080-0120	400	135	313	1.3	01320140-0080-0120
140	80	125	0.75	450	110	363	1.5	01310140-0080-0125	400	134	315	1.3	01320140-0080-0125
140	100	80	0.75	450	129	335	1.3	01310140-0100-0080	400	145	289	1.2	01320140-0100-0080
140	100	100	0.75	450	121	345	1.4	01310140-0100-0100	400	140	296	1.2	01320140-0100-0100
140	100	120	0.75	450	112	355	1.5	01310140-0100-0120	400	135	303	1.3	01320140-0100-0120
140	100	125	0.75	450	110	357	1.53	01310140-0100-0125	400	134	304.6	1.35	01320140-0100-0125

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D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
140	120	100	0.75	500	146	368	1.6	01310140-0120-0100	450	165	321	1.5	01320140-0120-0100
140	120	120	0.75	500	137	378	1.8	01310140-0120-0120	450	160	328	1.6	01320140-0120-0120
140	120	125	0.75	500	135	381	1.8	01310140-0120-0125	450	159	329.8	1.6	01320140-0120-0125
140	125	120	0.75	550	162	406	1.9	01310140-0125-0120	450	160	325.5	1.6	01320140-0125-0120
140	125	125	0.75	550	160	408	2.0	01310140-0125-0125	450	159	327.3	1.6	01320140-0125-0125
150	80	80	0.75	450	125	346	1.3	01310150-0080-0080	400	143	302.3	1.1	01320150-0080-0080
150	80	100	0.75	450	116	356	1.4	01310150-0080-0100	400	138	309.3	1.2	01320150-0080-0100
150	80	120	0.75	450	108	366	1.5	01310150-0080-0120	400	133	316.3	1.3	01320150-0080-0120
150	80	125	0.75	450	105	369	1.5	01310150-0080-0125	400	131	318.1	1.3	01320150-0080-0125
150	80	140	0.75	450	99	376	1.6	01310150-0080-0140	400	128	323.4	1.4	01320150-0080-0140
150	100	80	0.75	450	125	340	1.4	01310150-0100-0080	400	143	292.3	1.2	01320150-0100-0080
150	100	100	0.75	450	116	350	1.5	01310150-0100-0100	400	138	299.3	1.3	01320150-0100-0100
150	100	120	0.75	450	108	360	1.6	01310150-0100-0120	400	133	306.3	1.4	01320150-0100-0120
150	100	125	0.75	450	105	363	1.6	01310150-0100-0125	400	131	308.1	1.4	01320150-0100-0125
150	100	140	0.75	450	99	370	1.7	01310150-0100-0140	400	128	313.4	1.5	01320150-0100-0140
150	120	100	0.75	500	141	373	1.7	01310150-0120-0100	450	163	324.5	1.5	01320150-0120-0100
150	120	120	0.75	500	133	383	1.8	01310150-0120-0120	450	158	331.5	1.6	01320150-0120-0120
150	120	125	0.75	500	130	386	1.8	01310150-0120-0125	450	156	333.3	1.6	01320150-0120-0125
150	120	140	0.75	500	124	393	1.9	01310150-0120-0140	450	153	338.6	1.7	01320150-0120-0140
150	125	100	0.75	550	166	401	1.9	01310150-0125-0100	450	163	322	1.5	01320150-0125-0100
150	125	120	0.75	550	158	411	2.0	01310150-0125-0120	450	158	329	1.6	01320150-0125-0120
150	125	125	0.75	550	155	413	2.0	01310150-0125-0125	450	156	330.8	1.6	01320150-0125-0125
150	125	140	0.75	550	149	421	2.1	01310150-0125-0140	450	153	336.1	1.7	01320150-0125-0140
150	140	140	0.75	550	149	416	2.2	01310150-0140-0140	450	153	328.6	1.8	01320150-0140-0140
160	80	80	0.75	450	121	351	1.3	01310160-0080-0080	400	140	305.8	1.2	01320160-0080-0080
160	80	100	0.75	450	112	361	1.4	01310160-0080-0100	400	135	312.8	1.3	01320160-0080-0100
160	80	120	0.75	450	103	371	1.5	01310160-0080-0120	400	130	319.9	1.3	01320160-0080-0120
160	80	125	0.75	450	101	374	1.5	01310160-0080-0125	400	129	321.6	1.4	01320160-0080-0125
160	80	140	0.75	450	95	381	1.6	01310160-0080-0140	400	125	326.9	1.4	01320160-0080-0140
160	80	150	0.75	450	90	386	1.7	01310160-0080-0150	400	123	330.4	1.5	01320160-0080-0150
160	100	80	0.75	450	121	345	1.4	01310160-0100-0080	400	140	295.8	1.2	01320160-0100-0080
160	100	100	0.75	450	112	355	1.5	01310160-0100-0100	400	135	302.8	1.3	01320160-0100-0100
160	100	120	0.75	450	103	365	1.6	01310160-0100-0120	400	130	309.9	1.4	01320160-0100-0120
160	100	125	0.75	450	101	368	1.6	01310160-0100-0125	400	129	311.6	1.4	01320160-0100-0125
160	100	140	0.75	450	95	375	1.7	01310160-0100-0140	400	125	316.9	1.5	01320160-0100-0140
160	100	150	0.75	450	90	380	1.7	01310160-0100-0150	400	123	320.4	1.5	01320160-0100-0150
160	120	80	0.75	500	146	368	1.6	01310160-0120-0080	450	165	321	1.5	01320160-0120-0080
160	120	100	0.75	500	137	378	1.8	01310160-0120-0100	450	160	328	1.6	01320160-0120-0100
160	120	120	0.75	500	128	388	1.9	01310160-0120-0120	450	155	335.1	1.7	01320160-0120-0120
160	120	125	0.75	500	126	391	1.9	01310160-0120-0125	450	154	336.8	1.7	01320160-0120-0125
160	120	140	0.75	500	120	398	2.0	01310160-0120-0140	450	150	342.1	1.7	01320160-0120-0140
160	120	150	0.75	500	115	403	2.0	01310160-0120-0150	450	148	345.6	1.8	01320160-0120-0150
160	125	100	0.75	550	162	406	1.9	01310160-0125-0100	450	160	325.5	1.6	01320160-0125-0100
160	125	120	0.75	550	153	416	2.1	01310160-0125-0120	450	155	332.6	1.7	01320160-0125-0120
160	125	125	0.75	550	151	418	2.1	01310160-0125-0125	450	154	334.3	1.7	01320160-0125-0125
160	125	140	0.75	550	145	426	2.2	01310160-0125-0140	450	150	339.6	1.8	01320160-0125-0140
160	125	150	0.75	550	140	431	2.2	01310160-0125-0150	450	148	343.1	1.8	01320160-0125-0150
160	140	120	0.75	550	153	411	2.1	01310160-0140-0120	450	155	325.1	1.7	01320160-0140-0120
160	140	125	0.75	550	151	414	2.2	01310160-0140-0125	450	154	326.8	1.7	01320160-0140-0125
160	140	140	0.75	550	145	421	2.2	01310160-0140-0140	450	150	332.1	1.8	01320160-0140-0140
160	140	150	0.75	550	140	426	2.3	01310160-0140-0150	450	148	335.6	1.9	01320160-0140-0150
160	150	140	0.75	550	145	418	2.3	01310160-0150-0140	500	175	362.3	2.0	01320160-0150-0140
160	150	150	0.75	550	140	423	2.3	01310160-0150-0150	500	173	365.8	2.1	01320160-0150-0150
180	80	80	0.75	450	112	361	1.4	01310180-0080-0080	400	135	312.8	1.3	01320180-0080-0080
180	80	100	0.75	450	103	371	1.5	01310180-0080-0100	400	130	319.9	1.3	01320180-0080-0100
180	80	120	0.75	450	95	381	1.6	01310180-0080-0120	400	125	326.9	1.4	01320180-0080-0120
180	80	125	0.75	450	92	384	1.6	01310180-0080-0125	400	124	328.7	1.4	01320180-0080-0125
180	80	140	0.75	450	86	391	1.7	01310180-0080-0140	400	120	333.9	1.5	01320180-0080-0140
180	80	150	0.75	450	82	396	1.8	01310180-0080-0150	400	118	337.5	1.5	01320180-0080-0150
180	80	160	0.75	450	77	401	1.8	01310180-0080-0160	400	115	341	1.6	01320180-0080-0160
180	100	80	0.75	450	112	355	1.5	01310180-0100-0080	400	135	302.8	1.3	01320180-0100-0080
180	100	100	0.75	450	103	365	1.6	01310180-0100-0100	400	130	309.9	1.4	01320180-0100-0100

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D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
180	100	120	0.75	450	95	375	1.7	01310180-0100-0120	400	125	316.9	1.5	01320180-0100-0120
180	100	125	0.75	450	92	378	1.7	01310180-0100-0125	400	124	318.7	1.5	01320180-0100-0125
180	100	140	0.75	450	86	385	1.8	01310180-0100-0140	400	120	323.9	1.6	01320180-0100-0140
180	100	150	0.75	450	82	390	1.8	01310180-0100-0150	400	118	327.5	1.6	01320180-0100-0150
180	100	160	0.75	450	77	395	1.9	01310180-0100-0160	400	115	331	1.7	01320180-0100-0160
180	120	80	0.75	500	137	378	1.8	01310180-0120-0080	450	160	328	1.6	01320180-0120-0080
180	120	100	0.75	500	128	388	1.9	01310180-0120-0100	450	155	335.1	1.7	01320180-0120-0100
180	120	120	0.75	500	120	398	2.0	01310180-0120-0120	450	150	342.1	1.7	01320180-0120-0120
180	120	125	0.75	500	117	401	2.0	01310180-0120-0125	450	149	343.9	1.8	01320180-0120-0125
180	120	140	0.75	500	111	408	2.1	01310180-0120-0140	450	145	349.2	1.8	01320180-0120-0140
180	120	150	0.75	500	107	413	2.1	01310180-0120-0150	450	143	352.7	1.9	01320180-0120-0150
180	120	160	0.75	500	102	418	2.2	01310180-0120-0160	450	140	356.2	1.9	01320180-0120-0160
180	125	80	0.75	550	162	406	1.9	01310180-0125-0080	450	160	325.5	1.6	01320180-0125-0080
180	125	100	0.75	550	153	416	2.1	01310180-0125-0100	450	155	332.6	1.7	01320180-0125-0100
180	125	120	0.75	550	145	426	2.2	01310180-0125-0120	450	150	339.6	1.8	01320180-0125-0120
180	125	125	0.75	550	142	428	2.2	01310180-0125-0125	450	149	341.4	1.8	01320180-0125-0125
180	125	140	0.75	550	136	436	2.3	01310180-0125-0140	450	145	346.7	1.9	01320180-0125-0140
180	125	150	0.75	550	132	441	2.3	01310180-0125-0150	450	143	350.2	1.9	01320180-0125-0150
180	125	160	0.75	550	127	446	2.4	01310180-0125-0160	450	140	353.7	2.0	01320180-0125-0160
180	140	100	0.75	550	153	411	2.1	01310180-0140-0100	450	155	325.1	1.7	01320180-0140-0100
180	140	120	0.75	550	145	421	2.2	01310180-0140-0120	450	150	332.1	1.8	01320180-0140-0120
180	140	125	0.75	550	142	424	2.3	01310180-0140-0125	450	149	333.9	1.8	01320180-0140-0125
180	140	140	0.75	550	136	431	2.4	01310180-0140-0140	450	145	339.2	1.9	01320180-0140-0140
180	140	150	0.75	550	132	436	2.4	01310180-0140-0150	450	143	342.7	2.0	01320180-0140-0150
180	140	160	0.75	550	127	442	2.5	01310180-0140-0160	450	140	346.2	2.0	01320180-0140-0160
180	150	120	0.75	550	145	418	2.3	01310180-0150-0120	500	175	362.3	2.0	01320180-0150-0120
180	150	125	0.75	550	142	421	2.3	01310180-0150-0125	500	174	364.1	2.1	01320180-0150-0125
180	150	140	0.75	550	136	428	2.4	01310180-0150-0140	500	170	369.4	2.2	01320180-0150-0140
180	150	150	0.75	550	132	433	2.5	01310180-0150-0150	500	168	372.9	2.2	01320180-0150-0150
180	150	160	0.75	550	127	439	2.5	01310180-0150-0160	500	165	376.4	2.3	01320180-0150-0160
180	160	140	0.75	650	186	484	2.9	01310180-0160-0140	500	170	364.4	2.2	01320180-0160-0140
180	160	150	0.75	650	182	489	2.9	01310180-0160-0150	500	168	367.9	2.2	01320180-0160-0150
180	160	160	0.75	650	177	494	3.0	01310180-0160-0160	500	165	371.4	2.3	01320180-0160-0160
200	80	80	0.75	450	103	371	1.5	01310200-0080-0080	400	130	319.9	1.3	01320200-0080-0080
200	80	100	0.75	450	95	381	1.6	01310200-0080-0100	400	125	326.9	1.4	01320200-0080-0100
200	80	120	0.75	450	86	391	1.7	01310200-0080-0120	400	120	333.9	1.5	01320200-0080-0120
200	80	125	0.75	450	84	394	1.7	01310200-0080-0125	400	119	335.7	1.5	01320200-0080-0125
200	80	140	0.75	450	77	401	1.8	01310200-0080-0140	400	115	341	1.6	01320200-0080-0140
200	80	150	0.75	450	73	406	1.8	01310200-0080-0150	400	113	344.5	1.6	01320200-0080-0150
200	80	160	0.75	450	68	411	1.9	01310200-0080-0160	400	110	348	1.7	01320200-0080-0160
200	80	180	0.75	450	60	422	2.0	01310200-0080-0180	400	105	355.1	1.7	01320200-0080-0180
200	100	80	0.75	450	103	365	1.6	01310200-0100-0080	400	130	309.9	1.4	01320200-0100-0080
200	100	100	0.75	450	95	375	1.7	01310200-0100-0100	400	125	316.9	1.5	01320200-0100-0100
200	100	120	0.75	450	86	385	1.8	01310200-0100-0120	400	120	323.9	1.6	01320200-0100-0120
200	100	125	0.75	450	84	388	1.8	01310200-0100-0125	400	119	325.7	1.6	01320200-0100-0125
200	100	140	0.75	450	77	395	1.9	01310200-0100-0140	400	115	331	1.7	01320200-0100-0140
200	100	150	0.75	450	73	400	1.9	01310200-0100-0150	400	113	334.5	1.7	01320200-0100-0150
200	100	160	0.75	450	68	405	2.0	01310200-0100-0160	400	110	338	1.7	01320200-0100-0160
200	100	180	0.75	450	60	416	2.1	01310200-0100-0180	400	105	345.1	1.8	01320200-0100-0180
200	120	80	0.75	500	128	388	1.9	01310200-0120-0080	450	155	335.1	1.7	01320200-0120-0080
200	120	100	0.75	500	120	398	2.0	01310200-0120-0100	450	150	342.1	1.7	01320200-0120-0100
200	120	120	0.75	500	111	408	2.1	01310200-0120-0120	450	145	349.2	1.8	01320200-0120-0120
200	120	125	0.75	500	109	411	2.1	01310200-0120-0125	450	144	350.9	1.9	01320200-0120-0125
200	120	140	0.75	500	102	418	2.2	01310200-0120-0140	450	140	356.2	1.9	01320200-0120-0140
200	120	150	0.75	500	98	424	2.2	01310200-0120-0150	450	138	359.7	2.0	01320200-0120-0150
200	120	160	0.75	500	93	429	2.3	01310200-0120-0160	450	135	363.2	2.0	01320200-0120-0160
200	120	180	0.75	500	85	439	2.4	01310200-0120-0180	450	130	370.3	2.1	01320200-0120-0180
200	125	80	0.75	550	153	416	2.1	01310200-0125-0080	450	155	332.6	1.7	01320200-0125-0080
200	125	100	0.75	550	145	426	2.2	01310200-0125-0100	450	150	339.6	1.8	01320200-0125-0100
200	125	120	0.75	550	136	436	2.3	01310200-0125-0120	450	145	346.7	1.9	01320200-0125-0120
200	125	125	0.75	550	134	438	2.3	01310200-0125-0125	450	144	348.4	1.9	01320200-0125-0125
200	125	140	0.75	550	127	446	2.4	01310200-0125-0140	450	140	353.7	2.0	01320200-0125-0140

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D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
200	125	150	0.75	550	123	451	2.5	01310200-0125-0150	450	138	357.2	2.0	01320200-0125-0150
200	125	160	0.75	550	118	456	2.5	01310200-0125-0160	450	135	360.7	2.0	01320200-0125-0160
200	125	180	0.75	550	110	466	2.6	01310200-0125-0180	450	130	367.8	2.1	01320200-0125-0180
200	140	80	0.75	550	153	411	2.1	01310200-0140-0080	450	155	325.1	1.7	01320200-0140-0080
200	140	100	0.75	550	145	421	2.2	01310200-0140-0100	450	150	332.1	1.8	01320200-0140-0100
200	140	120	0.75	550	136	431	2.4	01310200-0140-0120	450	145	339.2	1.9	01320200-0140-0120
200	140	125	0.75	550	134	434	2.4	01310200-0140-0125	450	144	340.9	1.9	01320200-0140-0125
200	140	140	0.75	550	127	442	2.5	01310200-0140-0140	450	140	346.2	2.0	01320200-0140-0140
200	140	150	0.75	550	123	447	2.5	01310200-0140-0150	450	138	349.7	2.1	01320200-0140-0150
200	140	160	0.75	550	118	452	2.6	01310200-0140-0160	450	135	353.2	2.1	01320200-0140-0160
200	140	180	0.75	550	110	462	2.7	01310200-0140-0180	450	130	360.3	2.2	01320200-0140-0180
200	150	100	0.75	550	145	418	2.3	01310200-0150-0100	500	175	362.3	2.0	01320200-0150-0100
200	150	120	0.75	550	136	428	2.4	01310200-0150-0120	500	170	369.4	2.2	01320200-0150-0120
200	150	125	0.75	550	134	431	2.4	01310200-0150-0125	500	169	371.1	2.2	01320200-0150-0125
200	150	140	0.75	550	127	439	2.5	01310200-0150-0140	500	165	376.4	2.3	01320200-0150-0140
200	150	150	0.75	550	123	444	2.6	01310200-0150-0150	500	163	379.9	2.3	01320200-0150-0150
200	150	160	0.75	550	118	449	2.6	01310200-0150-0160	500	160	383.5	2.4	01320200-0150-0160
200	150	180	0.75	550	110	459	2.8	01310200-0150-0180	500	155	390.5	2.5	01320200-0150-0180
200	160	120	0.75	650	186	484	2.9	01310200-0160-0120	500	170	364.4	2.2	01320200-0160-0120
200	160	125	0.75	650	184	486	2.9	01310200-0160-0125	500	169	366.1	2.2	01320200-0160-0125
200	160	140	0.75	650	177	494	3.0	01310200-0160-0140	500	165	371.4	2.3	01320200-0160-0140
200	160	150	0.75	650	173	499	3.1	01310200-0160-0150	500	163	374.9	2.3	01320200-0160-0150
200	160	160	0.75	650	168	504	3.1	01310200-0160-0160	500	160	378.5	2.4	01320200-0160-0160
200	160	180	0.75	650	160	514	3.3	01310200-0160-0180	500	155	385.5	2.5	01320200-0160-0180
200	180	160	0.75	650	168	498	3.3	01310200-0180-0160	500	160	368.5	2.5	01320200-0180-0160
200	180	180	0.75	650	160	508	3.4	01310200-0180-0180	500	155	375.5	2.6	01320200-0180-0180
225	80	80	0.75	450	92	384	1.6	01310225-0080-0080	400	124	328.7	1.4	01320225-0080-0080
225	80	100	0.75	450	84	394	1.7	01310225-0080-0100	400	119	335.7	1.5	01320225-0080-0100
225	80	120	0.75	450	75	404	1.8	01310225-0080-0120	400	114	342.7	1.6	01320225-0080-0120
225	80	125	0.75	450	73	406	1.8	01310225-0080-0125	400	113	344.5	1.6	01320225-0080-0125
225	80	140	0.75	450	66	414	1.9	01310225-0080-0140	400	109	349.8	1.7	01320225-0080-0140
225	80	150	0.75	450	62	419	2.0	01310225-0080-0150	400	106	353.3	1.7	01320225-0080-0150
225	80	160	0.75	450	58	424	2.0	01310225-0080-0160	400	104	356.8	1.8	01320225-0080-0160
225	80	180	0.75	450	49	434	2.1	01310225-0080-0180	400	99	363.9	1.8	01320225-0080-0180
225	80	200	0.75	450	40	444	2.2	01310225-0080-0200	400	94	370.9	1.9	01320225-0080-0200
225	100	80	0.75	450	92	378	1.7	01310225-0100-0080	400	124	318.7	1.5	01320225-0100-0080
225	100	100	0.75	450	84	388	1.8	01310225-0100-0100	400	119	325.7	1.6	01320225-0100-0100
225	100	120	0.75	450	75	398	1.9	01310225-0100-0120	400	114	332.7	1.7	01320225-0100-0120
225	100	125	0.75	450	73	400	1.9	01310225-0100-0125	400	113	334.5	1.7	01320225-0100-0125
225	100	140	0.75	450	66	408	2.0	01310225-0100-0140	400	109	339.8	1.8	01320225-0100-0140
225	100	150	0.75	450	62	413	2.1	01310225-0100-0150	400	106	343.3	1.8	01320225-0100-0150
225	100	160	0.75	450	58	418	2.1	01310225-0100-0160	400	104	346.8	1.8	01320225-0100-0160
225	100	180	0.75	450	49	428	2.2	01310225-0100-0180	400	99	353.9	1.9	01320225-0100-0180
225	100	200	0.75	450	40	438	2.3	01310225-0100-0200	400	94	360.9	2.0	01320225-0100-0200
225	120	80	0.75	500	117	401	2.0	01310225-0120-0080	450	149	343.9	1.8	01320225-0120-0080
225	120	100	0.75	500	109	411	2.1	01310225-0120-0100	450	144	350.9	1.9	01320225-0120-0100
225	120	120	0.75	500	100	421	2.2	01310225-0120-0120	450	139	358	2.0	01320225-0120-0120
225	120	125	0.75	500	98	424	2.2	01310225-0120-0125	450	138	359.7	2.0	01320225-0120-0125
225	120	140	0.75	500	91	431	2.3	01310225-0120-0140	450	134	365	2.0	01320225-0120-0140
225	120	150	0.75	500	87	436	2.4	01310225-0120-0150	450	131	368.5	2.1	01320225-0120-0150
225	120	160	0.75	500	83	441	2.4	01310225-0120-0160	450	129	372	2.1	01320225-0120-0160
225	120	180	0.75	500	74	451	2.5	01310225-0120-0180	450	124	379.1	2.2	01320225-0120-0180
225	120	200	0.75	500	65	461	2.6	01310225-0120-0200	450	119	386.1	2.3	01320225-0120-0200
225	125	80	0.75	550	142	428	2.2	01310225-0125-0080	450	149	341.4	1.8	01320225-0125-0080
225	125	100	0.75	550	134	438	2.3	01310225-0125-0100	450	144	348.4	1.9	01320225-0125-0100
225	125	120	0.75	550	125	449	2.4	01310225-0125-0120	450	139	355.5	2.0	01320225-0125-0120
225	125	125	0.75	550	123	451	2.5	01310225-0125-0125	450	138	357.2	2.0	01320225-0125-0125
225	125	140	0.75	550	116	459	2.6	01310225-0125-0140	450	134	362.5	2.1	01320225-0125-0140
225	125	150	0.75	550	112	464	2.6	01310225-0125-0150	450	131	366	2.1	01320225-0125-0150
225	125	160	0.75	550	108	469	2.7	01310225-0125-0160	450	129	369.5	2.2	01320225-0125-0160
225	125	180	0.75	550	99	479	2.8	01310225-0125-0180	450	124	376.6	2.3	01320225-0125-0180
225	125	200	0.75	550	90	489	2.9	01310225-0125-0200	450	119	383.6	2.4	01320225-0125-0200

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
225	140	80	0.75	550	142	424	2.3	01310225-0140-0080	450	149	333.9	1.8	01320225-0140-0080
225	140	100	0.75	550	134	434	2.4	01310225-0140-0100	450	144	340.9	1.9	01320225-0140-0100
225	140	120	0.75	550	125	444	2.5	01310225-0140-0120	450	139	348	2.0	01320225-0140-0120
225	140	125	0.75	550	123	447	2.5	01310225-0140-0125	450	138	349.7	2.1	01320225-0140-0125
225	140	140	0.75	550	116	454	2.6	01310225-0140-0140	450	134	355	2.1	01320225-0140-0140
225	140	150	0.75	550	112	459	2.7	01310225-0140-0150	450	131	358.5	2.2	01320225-0140-0150
225	140	160	0.75	550	108	464	2.7	01310225-0140-0160	450	129	362	2.2	01320225-0140-0160
225	140	180	0.75	550	99	474	2.9	01310225-0140-0180	450	124	369.1	2.3	01320225-0140-0180
225	140	200	0.75	550	90	484	3.0	01310225-0140-0200	450	119	376.1	2.4	01320225-0140-0200
225	150	80	0.75	550	142	421	2.3	01310225-0150-0080	500	174	364.1	2.1	01320225-0150-0080
225	150	100	0.75	550	134	431	2.4	01310225-0150-0100	500	169	371.1	2.2	01320225-0150-0100
225	150	120	0.75	550	125	441	2.6	01310225-0150-0120	500	164	378.2	2.3	01320225-0150-0120
225	150	125	0.75	550	123	444	2.6	01310225-0150-0125	500	163	379.9	2.3	01320225-0150-0125
225	150	140	0.75	550	116	451	2.7	01310225-0150-0140	500	159	385.2	2.4	01320225-0150-0140
225	150	150	0.75	550	112	456	2.7	01310225-0150-0150	500	156	388.7	2.4	01320225-0150-0150
225	150	160	0.75	550	108	461	2.8	01310225-0150-0160	500	154	392.3	2.5	01320225-0150-0160
225	150	180	0.75	550	99	471	2.9	01310225-0150-0180	500	149	399.3	2.6	01320225-0150-0180
225	150	200	0.75	550	90	481	3.0	01310225-0150-0200	500	144	406.3	2.7	01320225-0150-0200
225	160	100	0.75	650	184	486	2.9	01310225-0160-0100	500	169	366.1	2.2	01320225-0160-0100
225	160	120	0.75	650	175	496	3.0	01310225-0160-0120	500	164	373.2	2.3	01320225-0160-0120
225	160	125	0.75	650	173	499	3.1	01310225-0160-0125	500	163	374.9	2.3	01320225-0160-0125
225	160	140	0.75	650	166	506	3.2	01310225-0160-0140	500	159	380.2	2.4	01320225-0160-0140
225	160	150	0.75	650	162	511	3.2	01310225-0160-0150	500	156	383.7	2.5	01320225-0160-0150
225	160	160	0.75	650	158	516	3.3	01310225-0160-0160	500	154	387.3	2.5	01320225-0160-0160
225	160	180	0.75	650	149	527	3.5	01310225-0160-0180	500	149	394.3	2.6	01320225-0160-0180
225	160	200	0.75	650	140	537	3.6	01310225-0160-0200	500	144	401.3	2.7	01320225-0160-0200
225	180	140	0.75	650	166	500	3.3	01310225-0180-0140	500	159	370.2	2.5	01320225-0180-0140
225	180	150	0.75	650	162	505	3.4	01310225-0180-0150	500	156	373.7	2.6	01320225-0180-0150
225	180	160	0.75	650	158	510	3.4	01310225-0180-0160	500	154	377.3	2.6	01320225-0180-0160
225	180	180	0.75	650	149	521	3.6	01310225-0180-0180	500	149	384.3	2.7	01320225-0180-0180
225	180	200	0.75	650	140	531	3.7	01310225-0180-0200	500	144	391.3	2.8	01320225-0180-0200
225	200	180	0.75	700	174	544	3.9	01310225-0200-0180	550	174	409.5	3.1	01320225-0200-0180
225	200	200	0.75	700	165	554	4.1	01310225-0200-0200	550	169	416.5	3.2	01320225-0200-0200
250	80	80	0.75	450	82	396	1.8	01310250-0080-0080	400	118	337.5	1.5	01320250-0080-0080
250	80	100	0.75	450	73	406	1.8	01310250-0080-0100	400	113	344.5	1.6	01320250-0080-0100
250	80	120	0.75	450	64	417	1.9	01310250-0080-0120	400	108	351.5	1.7	01320250-0080-0120
250	80	125	0.75	450	62	419	2.0	01310250-0080-0125	400	106	353.3	1.7	01320250-0080-0125
250	80	140	0.75	450	55	427	2.0	01310250-0080-0140	400	103	358.6	1.8	01320250-0080-0140
250	80	150	0.75	450	51	432	2.1	01310250-0080-0150	400	100	362.1	1.8	01320250-0080-0150
250	80	160	0.75	450	47	437	2.1	01310250-0080-0160	400	98	365.6	1.9	01320250-0080-0160
250	80	180	0.75	450	38	447	2.2	01310250-0080-0180	400	93	372.7	1.9	01320250-0080-0180
250	80	200	0.75	450	29	457	2.3	01310250-0080-0200	400	88	379.7	2.0	01320250-0080-0200
250	80	225	0.75	450	18	470	2.4	01310250-0080-0225	400	81	388.5	2.1	01320250-0080-0225
250	100	80	0.75	450	82	390	1.8	01310250-0100-0080	400	118	327.5	1.6	01320250-0100-0080
250	100	100	0.75	450	73	400	1.9	01310250-0100-0100	400	113	334.5	1.7	01320250-0100-0100
250	100	120	0.75	450	64	411	2.0	01310250-0100-0120	400	108	341.5	1.8	01320250-0100-0120
250	100	125	0.75	450	62	413	2.1	01310250-0100-0125	400	106	343.3	1.8	01320250-0100-0125
250	100	140	0.75	450	55	421	2.1	01310250-0100-0140	400	103	348.6	1.9	01320250-0100-0140
250	100	150	0.75	450	51	426	2.2	01310250-0100-0150	400	100	352.1	1.9	01320250-0100-0150
250	100	160	0.75	450	47	431	2.2	01310250-0100-0160	400	98	355.6	1.9	01320250-0100-0160
250	100	180	0.75	450	38	441	2.3	01310250-0100-0180	400	93	362.7	2.0	01320250-0100-0180
250	100	200	0.75	450	29	451	2.4	01310250-0100-0200	400	88	369.7	2.1	01320250-0100-0200
250	100	225	0.75	450	18	464	2.5	01310250-0100-0225	400	81	378.5	2.2	01320250-0100-0225
250	120	80	0.75	500	107	413	2.1	01310250-0120-0080	450	143	352.7	1.9	01320250-0120-0080
250	120	100	0.75	500	98	424	2.2	01310250-0120-0100	450	138	359.7	2.0	01320250-0120-0100
250	120	120	0.75	500	89	434	2.3	01310250-0120-0120	450	133	366.8	2.1	01320250-0120-0120
250	120	125	0.75	500	87	436	2.4	01310250-0120-0125	450	131	368.5	2.1	01320250-0120-0125
250	120	140	0.75	500	80	444	2.4	01310250-0120-0140	450	128	373.8	2.2	01320250-0120-0140
250	120	150	0.75	500	76	449	2.5	01310250-0120-0150	450	125	377.3	2.2	01320250-0120-0150
250	120	160	0.75	500	72	454	2.6	01310250-0120-0160	450	123	380.8	2.3	01320250-0120-0160
250	120	180	0.75	500	63	464	2.7	01310250-0120-0180	450	118	387.9	2.4	01320250-0120-0180
250	120	200	0.75	500	54	474	2.8	01310250-0120-0200	450	113	394.9	2.4	01320250-0120-0200

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
250	120	225	0.75	500	43	487	2.9	01310250-0120-0225	450	106	403.7	2.6	01320250-0120-0225
250	125	80	0.75	550	132	441	2.3	01310250-0125-0080	450	143	350.2	1.9	01320250-0125-0080
250	125	100	0.75	550	123	451	2.5	01310250-0125-0100	450	138	357.2	2.0	01320250-0125-0100
250	125	120	0.75	550	114	461	2.6	01310250-0125-0120	450	133	364.3	2.1	01320250-0125-0120
250	125	125	0.75	550	112	464	2.6	01310250-0125-0125	450	131	366	2.1	01320250-0125-0125
250	125	140	0.75	550	105	471	2.7	01310250-0125-0140	450	128	371.3	2.2	01320250-0125-0140
250	125	150	0.75	550	101	476	2.8	01310250-0125-0150	450	125	374.8	2.2	01320250-0125-0150
250	125	160	0.75	550	97	481	2.8	01310250-0125-0160	450	123	378.3	2.3	01320250-0125-0160
250	125	180	0.75	550	88	492	2.9	01310250-0125-0180	450	118	385.4	2.4	01320250-0125-0180
250	125	200	0.75	550	79	502	3.0	01310250-0125-0200	450	113	392.4	2.5	01320250-0125-0200
250	125	225	0.75	550	68	514	3.2	01310250-0125-0225	450	106	401.2	2.6	01320250-0125-0225
250	140	80	0.75	550	132	436	2.4	01310250-0140-0080	450	143	342.7	2.0	01320250-0140-0080
250	140	100	0.75	550	123	447	2.5	01310250-0140-0100	450	138	349.7	2.1	01320250-0140-0100
250	140	120	0.75	550	114	457	2.7	01310250-0140-0120	450	133	356.8	2.1	01320250-0140-0120
250	140	125	0.75	550	112	459	2.7	01310250-0140-0125	450	131	358.5	2.2	01320250-0140-0125
250	140	140	0.75	550	105	467	2.8	01310250-0140-0140	450	128	363.8	2.2	01320250-0140-0140
250	140	150	0.75	550	101	472	2.8	01310250-0140-0150	450	125	367.3	2.3	01320250-0140-0150
250	140	160	0.75	550	97	477	2.9	01310250-0140-0160	450	123	370.8	2.3	01320250-0140-0160
250	140	180	0.75	550	88	487	3.0	01310250-0140-0180	450	118	377.9	2.4	01320250-0140-0180
250	140	200	0.75	550	79	497	3.1	01310250-0140-0200	450	113	384.9	2.5	01320250-0140-0200
250	140	225	0.75	550	68	510	3.3	01310250-0140-0225	450	106	393.7	2.6	01320250-0140-0225
250	150	80	0.75	550	132	433	2.5	01310250-0150-0080	500	168	372.9	2.2	01320250-0150-0080
250	150	100	0.75	550	123	444	2.6	01310250-0150-0100	500	163	379.9	2.3	01320250-0150-0100
250	150	120	0.75	550	114	454	2.7	01310250-0150-0120	500	158	387	2.4	01320250-0150-0120
250	150	125	0.75	550	112	456	2.7	01310250-0150-0125	500	156	388.7	2.4	01320250-0150-0125
250	150	140	0.75	550	105	464	2.8	01310250-0150-0140	500	153	394	2.5	01320250-0150-0140
250	150	150	0.75	550	101	469	2.9	01310250-0150-0150	500	150	397.5	2.6	01320250-0150-0150
250	150	160	0.75	550	97	474	2.9	01310250-0150-0160	500	148	401.1	2.6	01320250-0150-0160
250	150	180	0.75	550	88	484	3.1	01310250-0150-0180	500	143	408.1	2.7	01320250-0150-0180
250	150	200	0.75	550	79	494	3.2	01310250-0150-0200	500	138	415.1	2.8	01320250-0150-0200
250	150	225	0.75	550	68	507	3.3	01310250-0150-0225	500	131	423.9	3.0	01320250-0150-0225
250	160	80	0.75	650	182	489	2.9	01310250-0160-0080	500	168	367.9	2.2	01320250-0160-0080
250	160	100	0.75	650	173	499	3.1	01310250-0160-0100	500	163	374.9	2.3	01320250-0160-0100
250	160	120	0.75	650	164	509	3.2	01310250-0160-0120	500	158	382	2.5	01320250-0160-0120
250	160	125	0.75	650	162	511	3.2	01310250-0160-0125	500	156	383.7	2.5	01320250-0160-0125
250	160	140	0.75	650	155	519	3.4	01310250-0160-0140	500	153	389	2.6	01320250-0160-0140
250	160	150	0.75	650	151	524	3.4	01310250-0160-0150	500	150	392.5	2.6	01320250-0160-0150
250	160	160	0.75	650	147	529	3.5	01310250-0160-0160	500	148	396.1	2.7	01320250-0160-0160
250	160	180	0.75	650	138	539	3.6	01310250-0160-0180	500	143	403.1	2.8	01320250-0160-0180
250	160	200	0.75	650	129	549	3.8	01310250-0160-0200	500	138	410.1	2.9	01320250-0160-0200
250	160	225	0.75	650	118	562	3.9	01310250-0160-0225	500	131	418.9	3.0	01320250-0160-0225
250	180	120	0.75	650	164	503	3.3	01310250-0180-0120	500	158	372	2.5	01320250-0180-0120
250	180	125	0.75	650	162	505	3.4	01310250-0180-0125	500	156	373.7	2.6	01320250-0180-0125
250	180	140	0.75	650	155	513	3.5	01310250-0180-0140	500	153	379	2.6	01320250-0180-0140
250	180	150	0.75	650	151	518	3.5	01310250-0180-0150	500	150	382.5	2.7	01320250-0180-0150
250	180	160	0.75	650	147	523	3.6	01310250-0180-0160	500	148	386.1	2.7	01320250-0180-0160
250	180	180	0.75	650	138	533	3.8	01310250-0180-0180	500	143	393.1	2.9	01320250-0180-0180
250	180	200	0.75	650	129	543	3.9	01310250-0180-0200	500	138	400.1	3.0	01320250-0180-0200
250	180	225	0.75	650	118	556	4.1	01310250-0180-0225	500	131	408.9	3.1	01320250-0180-0225
250	200	150	0.75	700	176	541	3.9	01310250-0200-0150	550	175	407.7	3.0	01320250-0200-0150
250	200	160	0.75	700	172	546	4.0	01310250-0200-0160	550	173	411.3	3.1	01320250-0200-0160
250	200	180	0.75	700	163	556	4.1	01310250-0200-0180	550	168	418.3	3.2	01320250-0200-0180
250	200	200	0.75	700	154	566	4.3	01310250-0200-0200	550	163	425.4	3.3	01320250-0200-0200
250	200	225	0.75	700	143	579	4.5	01310250-0200-0225	550	156	434.2	3.5	01320250-0200-0225
250	225	200	0.75	850	229	646	5.3	01310250-0225-0200	600	188	448.1	3.7	01320250-0225-0200
250	225	225	0.75	850	218	659	5.5	01310250-0225-0225	600	181	456.9	3.9	01320250-0225-0225
275	80	80	0.75	450	71	409	1.9	01310275-0080-0080	400	111	346.3	1.6	01320275-0080-0080
275	80	100	0.75	450	62	419	2.0	01310275-0080-0100	400	106	353.3	1.7	01320275-0080-0100
275	80	120	0.75	450	53	429	2.1	01310275-0080-0120	400	101	360.4	1.8	01320275-0080-0120
275	80	125	0.75	450	51	432	2.1	01310275-0080-0125	400	100	362.1	1.8	01320275-0080-0125
275	80	140	0.75	450	45	439	2.2	01310275-0080-0140	400	96	367.4	1.9	01320275-0080-0140
275	80	150	0.75	450	40	444	2.2	01310275-0080-0150	400	94	370.9	1.9	01320275-0080-0150

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
275	80	160	0.75	450	36	449	2.2	01310275-0080-0160	400	91	374.4	2.0	01320275-0080-0160
275	80	180	0.75	450	27	460	2.3	01310275-0080-0180	400	86	381.5	2.1	01320275-0080-0180
275	80	200	0.75	450	18	470	2.4	01310275-0080-0200	400	81	388.5	2.1	01320275-0080-0200
275	80	225	0.75	450	8	482	2.5	01310275-0080-0225	400	75	397.3	2.2	01320275-0080-0225
275	80	250	0.75	450	-3	495	2.7	01310275-0080-0250	400	69	406.1	2.3	01320275-0080-0250
275	100	80	0.75	450	71	403	2.0	01310275-0100-0080	400	111	336.3	1.7	01320275-0100-0080
275	100	100	0.75	450	62	413	2.1	01310275-0100-0100	400	106	343.3	1.8	01320275-0100-0100
275	100	120	0.75	450	53	423	2.2	01310275-0100-0120	400	101	350.4	1.9	01320275-0100-0120
275	100	125	0.75	450	51	426	2.2	01310275-0100-0125	400	100	352.1	1.9	01320275-0100-0125
275	100	140	0.75	450	45	433	2.3	01310275-0100-0140	400	96	357.4	2.0	01320275-0100-0140
275	100	150	0.75	450	40	438	2.3	01310275-0100-0150	400	94	360.9	2.0	01320275-0100-0150
275	100	160	0.75	450	36	443	2.3	01310275-0100-0160	400	91	364.4	2.0	01320275-0100-0160
275	100	180	0.75	450	27	454	2.4	01310275-0100-0180	400	86	371.5	2.1	01320275-0100-0180
275	100	200	0.75	450	18	464	2.5	01310275-0100-0200	400	81	378.5	2.2	01320275-0100-0200
275	100	225	0.75	450	8	476	2.7	01310275-0100-0225	400	75	387.3	2.3	01320275-0100-0225
275	100	250	0.75	450	-3	489	2.8	01310275-0100-0250	400	69	396.1	2.4	01320275-0100-0250
275	120	80	0.75	500	96	426	2.3	01310275-0120-0080	450	136	361.5	2.0	01320275-0120-0080
275	120	100	0.75	500	87	436	2.4	01310275-0120-0100	450	131	368.5	2.1	01320275-0120-0100
275	120	120	0.75	500	78	446	2.5	01310275-0120-0120	450	126	375.6	2.2	01320275-0120-0120
275	120	125	0.75	500	76	449	2.5	01310275-0120-0125	450	125	377.3	2.2	01320275-0120-0125
275	120	140	0.75	500	70	456	2.6	01310275-0120-0140	450	121	382.6	2.3	01320275-0120-0140
275	120	150	0.75	500	65	461	2.6	01310275-0120-0150	450	119	386.1	2.3	01320275-0120-0150
275	120	160	0.75	500	61	466	2.7	01310275-0120-0160	450	116	389.6	2.4	01320275-0120-0160
275	120	180	0.75	500	52	477	2.8	01310275-0120-0180	450	111	396.7	2.5	01320275-0120-0180
275	120	200	0.75	500	43	487	2.9	01310275-0120-0200	450	106	403.7	2.6	01320275-0120-0200
275	120	225	0.75	500	33	499	3.0	01310275-0120-0225	450	100	412.5	2.7	01320275-0120-0225
275	120	250	0.75	500	22	512	3.2	01310275-0120-0250	450	94	421.3	2.8	01320275-0120-0250
275	125	80	0.75	550	121	454	2.5	01310275-0125-0080	450	136	359	2.0	01320275-0125-0080
275	125	100	0.75	550	112	464	2.6	01310275-0125-0100	450	131	366	2.1	01320275-0125-0100
275	125	120	0.75	550	103	474	2.7	01310275-0125-0120	450	126	373.1	2.2	01320275-0125-0120
275	125	125	0.75	550	101	476	2.8	01310275-0125-0125	450	125	374.8	2.2	01320275-0125-0125
275	125	140	0.75	550	95	484	2.8	01310275-0125-0140	450	121	380.1	2.3	01320275-0125-0140
275	125	150	0.75	550	90	489	2.9	01310275-0125-0150	450	119	383.6	2.4	01320275-0125-0150
275	125	160	0.75	550	86	494	3.0	01310275-0125-0160	450	116	387.1	2.4	01320275-0125-0160
275	125	180	0.75	550	77	504	3.1	01310275-0125-0180	450	111	394.2	2.5	01320275-0125-0180
275	125	200	0.75	550	68	514	3.2	01310275-0125-0200	450	106	401.2	2.6	01320275-0125-0200
275	125	225	0.75	550	58	527	3.3	01310275-0125-0225	450	100	410	2.7	01320275-0125-0225
275	125	250	0.75	550	47	540	3.5	01310275-0125-0250	450	94	418.8	2.8	01320275-0125-0250
275	140	80	0.75	550	121	449	2.6	01310275-0140-0080	450	136	351.5	2.1	01320275-0140-0080
275	140	100	0.75	550	112	459	2.7	01310275-0140-0100	450	131	358.5	2.2	01320275-0140-0100
275	140	120	0.75	550	103	469	2.8	01310275-0140-0120	450	126	365.6	2.3	01320275-0140-0120
275	140	125	0.75	550	101	472	2.8	01310275-0140-0125	450	125	367.3	2.3	01320275-0140-0125
275	140	140	0.75	550	95	479	2.9	01310275-0140-0140	450	121	372.6	2.4	01320275-0140-0140
275	140	150	0.75	550	90	484	3.0	01310275-0140-0150	450	119	376.1	2.4	01320275-0140-0150
275	140	160	0.75	550	86	490	3.0	01310275-0140-0160	450	116	379.6	2.5	01320275-0140-0160
275	140	180	0.75	550	77	500	3.2	01310275-0140-0180	450	111	386.7	2.6	01320275-0140-0180
275	140	200	0.75	550	68	510	3.3	01310275-0140-0200	450	106	393.7	2.6	01320275-0140-0200
275	140	225	0.75	550	58	522	3.4	01310275-0140-0225	450	100	402.5	2.8	01320275-0140-0225
275	140	250	0.75	550	47	535	3.6	01310275-0140-0250	450	94	411.3	2.9	01320275-0140-0250
275	150	80	0.75	550	121	446	2.6	01310275-0150-0080	500	161	381.7	2.3	01320275-0150-0080
275	150	100	0.75	550	112	456	2.7	01310275-0150-0100	500	156	388.7	2.4	01320275-0150-0100
275	150	120	0.75	550	103	466	2.9	01310275-0150-0120	500	151	395.8	2.5	01320275-0150-0120
275	150	125	0.75	550	101	469	2.9	01310275-0150-0125	500	150	397.5	2.6	01320275-0150-0125
275	150	140	0.75	550	95	476	3.0	01310275-0150-0140	500	146	402.8	2.7	01320275-0150-0140
275	150	150	0.75	550	90	481	3.0	01310275-0150-0150	500	144	406.3	2.7	01320275-0150-0150
275	150	160	0.75	550	86	487	3.1	01310275-0150-0160	500	141	409.9	2.8	01320275-0150-0160
275	150	180	0.75	550	77	497	3.2	01310275-0150-0180	500	136	416.9	2.9	01320275-0150-0180
275	150	200	0.75	550	68	507	3.3	01310275-0150-0200	500	131	423.9	3.0	01320275-0150-0200
275	150	225	0.75	550	58	519	3.5	01310275-0150-0225	500	125	432.7	3.1	01320275-0150-0225
275	150	250	0.75	550	47	532	3.6	01310275-0150-0250	500	119	441.5	3.2	01320275-0150-0250
275	160	80	0.75	650	171	501	3.1	01310275-0160-0080	500	161	376.7	2.4	01320275-0160-0080
275	160	100	0.75	650	162	511	3.2	01310275-0160-0100	500	156	383.7	2.5	01320275-0160-0100

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
275	160	120	0.75	650	153	521	3.4	01310275-0160-0120	500	151	390.8	2.6	01320275-0160-0120
275	160	125	0.75	650	151	524	3.4	01310275-0160-0125	500	150	392.5	2.6	01320275-0160-0125
275	160	140	0.75	650	145	532	3.5	01310275-0160-0140	500	146	397.8	2.7	01320275-0160-0140
275	160	150	0.75	650	140	537	3.6	01310275-0160-0150	500	144	401.3	2.7	01320275-0160-0150
275	160	160	0.75	650	136	542	3.7	01310275-0160-0160	500	141	404.9	2.8	01320275-0160-0160
275	160	180	0.75	650	127	552	3.8	01310275-0160-0180	500	136	411.9	2.9	01320275-0160-0180
275	160	200	0.75	650	118	562	3.9	01310275-0160-0200	500	131	418.9	3.0	01320275-0160-0200
275	160	225	0.75	650	108	575	4.1	01310275-0160-0225	500	125	427.7	3.1	01320275-0160-0225
275	160	250	0.75	650	97	587	4.3	01310275-0160-0250	500	119	436.5	3.3	01320275-0160-0250
275	180	100	0.75	650	162	505	3.4	01310275-0180-0100	500	156	373.7	2.6	01320275-0180-0100
275	180	120	0.75	650	153	515	3.5	01310275-0180-0120	500	151	380.8	2.7	01320275-0180-0120
275	180	125	0.75	650	151	518	3.5	01310275-0180-0125	500	150	382.5	2.7	01320275-0180-0125
275	180	140	0.75	650	145	526	3.6	01310275-0180-0140	500	146	387.8	2.8	01320275-0180-0140
275	180	150	0.75	650	140	531	3.7	01310275-0180-0150	500	144	391.3	2.8	01320275-0180-0150
275	180	160	0.75	650	136	536	3.8	01310275-0180-0160	500	141	394.9	2.9	01320275-0180-0160
275	180	180	0.75	650	127	546	3.9	01310275-0180-0180	500	136	401.9	3.0	01320275-0180-0180
275	180	200	0.75	650	118	556	4.1	01310275-0180-0200	500	131	408.9	3.1	01320275-0180-0200
275	180	225	0.75	650	108	569	4.3	01310275-0180-0225	500	125	417.7	3.2	01320275-0180-0225
275	180	250	0.75	650	97	581	4.4	01310275-0180-0250	500	119	426.5	3.4	01320275-0180-0250
275	200	125	0.75	700	176	541	3.9	01310275-0200-0125	550	175	407.7	3.0	01320275-0200-0125
275	200	140	0.75	700	170	549	4.0	01310275-0200-0140	550	171	413	3.1	01320275-0200-0140
275	200	150	0.75	700	165	554	4.1	01310275-0200-0150	550	169	416.5	3.2	01320275-0200-0150
275	200	160	0.75	700	161	559	4.2	01310275-0200-0160	550	166	420.1	3.2	01320275-0200-0160
275	200	180	0.75	700	152	569	4.3	01310275-0200-0180	550	161	427.1	3.4	01320275-0200-0180
275	200	200	0.75	700	143	579	4.5	01310275-0200-0200	550	156	434.2	3.5	01320275-0200-0200
275	200	225	0.75	700	133	592	4.7	01310275-0200-0225	550	150	443	3.6	01320275-0200-0225
275	200	250	0.75	700	122	604	4.9	01310275-0200-0250	550	144	451.8	3.8	01320275-0200-0250
275	225	180	0.75	850	227	649	5.4	01310275-0225-0180	600	186	449.8	3.8	01320275-0225-0180
275	225	200	0.75	850	218	659	5.5	01310275-0225-0200	600	181	456.9	3.9	01320275-0225-0200
275	225	225	0.75	850	208	671	5.8	01310275-0225-0225	600	175	465.7	4.1	01320275-0225-0225
275	225	250	0.75	850	197	684	6.0	01310275-0225-0250	600	169	474.5	4.2	01320275-0225-0250
275	250	225	0.75	850	208	664	6.0	01310275-0250-0225	600	175	453.2	4.2	01320275-0250-0225
275	250	250	0.75	850	197	676	6.2	01310275-0250-0250	600	169	462	4.3	01320275-0250-0250
300	80	100	0.75	450	51	432	2.1	01310300-0080-0100	400	100	362.1	1.8	01320300-0080-0100
300	80	120	0.75	450	42	442	2.2	01310300-0080-0120	400	95	369.2	1.9	01320300-0080-0120
300	80	125	0.75	450	40	444	2.2	01310300-0080-0125	400	94	370.9	1.9	01320300-0080-0125
300	80	140	0.75	450	34	452	2.3	01310300-0080-0140	400	90	376.2	2.0	01320300-0080-0140
300	80	150	0.75	450	29	457	2.3	01310300-0080-0150	400	88	379.7	2.0	01320300-0080-0150
300	80	160	0.75	450	25	462	2.4	01310300-0080-0160	400	85	383.2	2.1	01320300-0080-0160
300	80	180	0.75	450	16	472	2.5	01310300-0080-0180	400	80	390.3	2.2	01320300-0080-0180
300	80	200	0.75	450	8	482	2.5	01310300-0080-0200	400	75	397.3	2.2	01320300-0080-0200
300	80	225	0.75	450	-3	495	2.7	01310300-0080-0225	400	69	406.1	2.3	01320300-0080-0225
300	80	250	0.75	450	-14	508	2.8	01310300-0080-0250	400	63	414.9	2.4	01320300-0080-0250
300	80	275	0.75	450	-25	520	2.9	01310300-0080-0275	400	56	423.7	2.5	01320300-0080-0275
300	100	100	0.75	450	51	426	2.2	01310300-0100-0100	400	100	352.1	1.9	01320300-0100-0100
300	100	120	0.75	450	42	436	2.3	01310300-0100-0120	400	95	359.2	2.0	01320300-0100-0120
300	100	125	0.75	450	40	438	2.3	01310300-0100-0125	400	94	360.9	2.0	01320300-0100-0125
300	100	140	0.75	450	34	446	2.4	01310300-0100-0140	400	90	366.2	2.1	01320300-0100-0140
300	100	150	0.75	450	29	451	2.4	01310300-0100-0150	400	88	369.7	2.1	01320300-0100-0150
300	100	160	0.75	450	25	456	2.5	01310300-0100-0160	400	85	373.2	2.2	01320300-0100-0160
300	100	180	0.75	450	16	466	2.6	01310300-0100-0180	400	80	380.3	2.2	01320300-0100-0180
300	100	200	0.75	450	8	476	2.7	01310300-0100-0200	400	75	387.3	2.3	01320300-0100-0200
300	100	225	0.75	450	-3	489	2.8	01310300-0100-0225	400	69	396.1	2.4	01320300-0100-0225
300	100	250	0.75	450	-14	502	2.9	01310300-0100-0250	400	63	404.9	2.5	01320300-0100-0250
300	100	275	0.75	450	-25	514	3.0	01310300-0100-0275	400	56	413.7	2.6	01320300-0100-0275
300	120	100	0.75	500	76	449	2.5	01310300-0120-0100	450	125	377.3	2.2	01320300-0120-0100
300	120	120	0.75	500	67	459	2.6	01310300-0120-0120	450	120	384.4	2.3	01320300-0120-0120
300	120	125	0.75	500	65	461	2.6	01310300-0120-0125	450	119	386.1	2.3	01320300-0120-0125
300	120	140	0.75	500	59	469	2.7	01310300-0120-0140	450	115	391.4	2.4	01320300-0120-0140
300	120	150	0.75	500	54	474	2.8	01310300-0120-0150	450	113	394.9	2.4	01320300-0120-0150
300	120	160	0.75	500	50	479	2.8	01310300-0120-0160	450	110	398.5	2.5	01320300-0120-0160
300	120	180	0.75	500	41	489	2.9	01310300-0120-0180	450	105	405.5	2.6	01320300-0120-0180

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
300	120	200	0.75	500	33	499	3.0	01310300-0120-0200	450	100	412.5	2.7	01320300-0120-0200
300	120	225	0.75	500	22	512	3.2	01310300-0120-0225	450	94	421.3	2.8	01320300-0120-0225
300	120	250	0.75	500	11	525	3.3	01310300-0120-0250	450	88	430.1	2.9	01320300-0120-0250
300	120	275	0.75	500	0	537	3.4	01310300-0120-0275	450	81	438.9	3.0	01320300-0120-0275
300	125	100	0.75	550	101	476	2.8	01310300-0125-0100	450	125	374.8	2.2	01320300-0125-0100
300	125	120	0.75	550	92	486	2.9	01310300-0125-0120	450	120	381.9	2.3	01320300-0125-0120
300	125	125	0.75	550	90	489	2.9	01310300-0125-0125	450	119	383.6	2.4	01320300-0125-0125
300	125	140	0.75	550	84	497	3.0	01310300-0125-0140	450	115	388.9	2.4	01320300-0125-0140
300	125	150	0.75	550	79	502	3.0	01310300-0125-0150	450	113	392.4	2.5	01320300-0125-0150
300	125	160	0.75	550	75	507	3.1	01310300-0125-0160	450	110	396	2.5	01320300-0125-0160
300	125	180	0.75	550	66	517	3.2	01310300-0125-0180	450	105	403	2.6	01320300-0125-0180
300	125	200	0.75	550	58	527	3.3	01310300-0125-0200	450	100	410	2.7	01320300-0125-0200
300	125	225	0.75	550	47	540	3.5	01310300-0125-0225	450	94	418.8	2.8	01320300-0125-0225
300	125	250	0.75	550	36	552	3.6	01310300-0125-0250	450	88	427.6	2.9	01320300-0125-0250
300	125	275	0.75	550	25	565	3.8	01310300-0125-0275	450	81	436.4	3.1	01320300-0125-0275
300	140	100	0.75	550	101	472	2.8	01310300-0140-0100	450	125	367.3	2.3	01320300-0140-0100
300	140	120	0.75	550	92	482	3.0	01310300-0140-0120	450	120	374.4	2.4	01320300-0140-0120
300	140	125	0.75	550	90	484	3.0	01310300-0140-0125	450	119	376.1	2.4	01320300-0140-0125
300	140	140	0.75	550	84	492	3.1	01310300-0140-0140	450	115	381.4	2.5	01320300-0140-0140
300	140	150	0.75	550	79	497	3.1	01310300-0140-0150	450	113	384.9	2.5	01320300-0140-0150
300	140	160	0.75	550	75	502	3.2	01310300-0140-0160	450	110	388.5	2.6	01320300-0140-0160
300	140	180	0.75	550	66	512	3.3	01310300-0140-0180	450	105	395.5	2.7	01320300-0140-0180
300	140	200	0.75	550	58	522	3.4	01310300-0140-0200	450	100	402.5	2.8	01320300-0140-0200
300	140	225	0.75	550	47	535	3.6	01310300-0140-0225	450	94	411.3	2.9	01320300-0140-0225
300	140	250	0.75	550	36	548	3.7	01310300-0140-0250	450	88	420.1	3.0	01320300-0140-0250
300	140	275	0.75	550	25	560	3.9	01310300-0140-0275	450	81	428.9	3.1	01320300-0140-0275
300	150	100	0.75	550	101	469	2.9	01310300-0150-0100	500	150	397.5	2.6	01320300-0150-0100
300	150	120	0.75	550	92	479	3.0	01310300-0150-0120	500	145	404.6	2.7	01320300-0150-0120
300	150	125	0.75	550	90	481	3.0	01310300-0150-0125	500	144	406.3	2.7	01320300-0150-0125
300	150	140	0.75	550	84	489	3.1	01310300-0150-0140	500	140	411.6	2.8	01320300-0150-0140
300	150	150	0.75	550	79	494	3.2	01310300-0150-0150	500	138	415.1	2.8	01320300-0150-0150
300	150	160	0.75	550	75	499	3.3	01310300-0150-0160	500	135	418.7	2.9	01320300-0150-0160
300	150	180	0.75	550	66	509	3.4	01310300-0150-0180	500	130	425.7	3.0	01320300-0150-0180
300	150	200	0.75	550	58	519	3.5	01310300-0150-0200	500	125	432.7	3.1	01320300-0150-0200
300	150	225	0.75	550	47	532	3.6	01310300-0150-0225	500	119	441.5	3.2	01320300-0150-0225
300	150	250	0.75	550	36	545	3.8	01310300-0150-0250	500	113	450.4	3.4	01320300-0150-0250
300	150	275	0.75	550	25	557	3.9	01310300-0150-0275	500	106	459.2	3.5	01320300-0150-0275
300	160	100	0.75	650	151	524	3.4	01310300-0160-0100	500	150	392.5	2.6	01320300-0160-0100
300	160	120	0.75	650	142	534	3.6	01310300-0160-0120	500	145	399.6	2.7	01320300-0160-0120
300	160	125	0.75	650	140	537	3.6	01310300-0160-0125	500	144	401.3	2.7	01320300-0160-0125
300	160	140	0.75	650	134	544	3.7	01310300-0160-0140	500	140	406.6	2.8	01320300-0160-0140
300	160	150	0.75	650	129	549	3.8	01310300-0160-0150	500	138	410.1	2.9	01320300-0160-0150
300	160	160	0.75	650	125	554	3.8	01310300-0160-0160	500	135	413.7	2.9	01320300-0160-0160
300	160	180	0.75	650	116	564	4.0	01310300-0160-0180	500	130	420.7	3.0	01320300-0160-0180
300	160	200	0.75	650	108	575	4.1	01310300-0160-0200	500	125	427.7	3.1	01320300-0160-0200
300	160	225	0.75	650	97	587	4.3	01310300-0160-0225	500	119	436.5	3.3	01320300-0160-0225
300	160	250	0.75	650	86	600	4.5	01310300-0160-0250	500	113	445.4	3.4	01320300-0160-0250
300	160	275	0.75	650	75	612	4.7	01310300-0160-0275	500	106	454.2	3.5	01320300-0160-0275
300	180	100	0.75	650	151	518	3.5	01310300-0180-0100	500	150	382.5	2.7	01320300-0180-0100
300	180	120	0.75	650	142	528	3.7	01310300-0180-0120	500	145	389.6	2.8	01320300-0180-0120
300	180	125	0.75	650	140	531	3.7	01310300-0180-0125	500	144	391.3	2.8	01320300-0180-0125
300	180	140	0.75	650	134	538	3.8	01310300-0180-0140	500	140	396.6	2.9	01320300-0180-0140
300	180	150	0.75	650	129	543	3.9	01310300-0180-0150	500	138	400.1	3.0	01320300-0180-0150
300	180	160	0.75	650	125	548	4.0	01310300-0180-0160	500	135	403.7	3.0	01320300-0180-0160
300	180	180	0.75	650	116	558	4.1	01310300-0180-0180	500	130	410.7	3.1	01320300-0180-0180
300	180	200	0.75	650	108	569	4.3	01310300-0180-0200	500	125	417.7	3.2	01320300-0180-0200
300	180	225	0.75	650	97	581	4.4	01310300-0180-0225	500	119	426.5	3.4	01320300-0180-0225
300	180	250	0.75	650	86	594	4.6	01310300-0180-0250	500	113	435.4	3.5	01320300-0180-0250
300	180	275	0.75	650	75	606	4.8	01310300-0180-0275	500	106	444.2	3.6	01320300-0180-0275
300	200	100	0.75	700	176	541	3.9	01310300-0200-0100	550	175	407.7	3.0	01320300-0200-0100
300	200	120	0.75	700	167	551	4.1	01310300-0200-0120	550	170	414.8	3.1	01320300-0200-0120
300	200	125	0.75	700	165	554	4.1	01310300-0200-0125	550	169	416.5	3.2	01320300-0200-0125

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
300	200	140	0.75	700	159	561	4.2	01310300-0200-0140	550	165	421.8	3.3	01320300-0200-0140
300	200	150	0.75	700	154	566	4.3	01310300-0200-0150	550	163	425.4	3.3	01320300-0200-0150
300	200	160	0.75	700	150	571	4.4	01310300-0200-0160	550	160	428.9	3.4	01320300-0200-0160
300	200	180	0.75	700	141	582	4.5	01310300-0200-0180	550	155	435.9	3.5	01320300-0200-0180
300	200	200	0.75	700	133	592	4.7	01310300-0200-0200	550	150	443	3.6	01320300-0200-0200
300	200	225	0.75	700	122	604	4.9	01310300-0200-0225	550	144	451.8	3.8	01320300-0200-0225
300	200	250	0.75	700	111	617	5.1	01310300-0200-0250	550	138	460.6	3.9	01320300-0200-0250
300	200	275	0.75	700	100	630	5.3	01310300-0200-0275	550	131	469.4	4.1	01320300-0200-0275
300	225	150	0.75	850	229	646	5.3	01310300-0225-0150	600	188	448.1	3.7	01320300-0225-0150
300	225	160	0.75	850	225	651	5.4	01310300-0225-0160	600	185	451.6	3.8	01320300-0225-0160
300	225	180	0.75	850	216	661	5.6	01310300-0225-0180	600	180	458.6	3.9	01320300-0225-0180
300	225	200	0.75	850	208	671	5.8	01310300-0225-0200	600	175	465.7	4.1	01320300-0225-0200
300	225	225	0.75	850	197	684	6.0	01310300-0225-0225	600	169	474.5	4.2	01320300-0225-0225
300	225	250	0.75	850	186	697	6.2	01310300-0225-0250	600	163	483.3	4.4	01320300-0225-0250
300	225	275	0.75	850	175	709	6.5	01310300-0225-0275	600	156	492.1	4.5	01320300-0225-0275
300	250	200	0.75	850	208	664	6.0	01310300-0250-0200	600	175	453.2	4.2	01320300-0250-0200
300	250	225	0.75	850	197	676	6.2	01310300-0250-0225	600	169	462	4.3	01320300-0250-0225
300	250	250	0.75	850	186	689	6.4	01310300-0250-0250	600	163	470.8	4.5	01320300-0250-0250
300	250	275	0.75	850	175	702	6.7	01310300-0250-0275	600	156	479.6	4.7	01320300-0250-0275
300	275	250	0.75	850	186	682	6.6	01310300-0275-0250	700	213	528.7	5.3	01320300-0275-0250
300	275	275	0.75	850	175	694	6.9	01310300-0275-0275	700	206	537.5	5.5	01320300-0275-0275
315	80	120	0.75	450	36	449	2.2	01310315-0080-0120	400	91	374.4	2.0	01320315-0080-0120
315	80	125	0.75	450	34	452	2.3	01310315-0080-0125	400	90	376.2	2.0	01320315-0080-0125
315	80	140	0.75	450	27	460	2.3	01310315-0080-0140	400	86	381.5	2.1	01320315-0080-0140
315	80	150	0.75	450	23	465	2.4	01310315-0080-0150	400	84	385	2.1	01320315-0080-0150
315	80	160	0.75	450	18	470	2.4	01310315-0080-0160	400	81	388.5	2.1	01320315-0080-0160
315	80	180	0.75	450	10	480	2.5	01310315-0080-0180	400	76	395.6	2.2	01320315-0080-0180
315	80	200	0.75	450	1	490	2.6	01310315-0080-0200	400	71	402.6	2.3	01320315-0080-0200
315	80	225	0.75	450	-10	502	2.7	01310315-0080-0225	400	65	411.4	2.4	01320315-0080-0225
315	80	250	0.75	450	-21	515	2.8	01310315-0080-0250	400	59	420.2	2.5	01320315-0080-0250
315	80	275	0.75	450	-32	528	3.0	01310315-0080-0275	400	53	429	2.6	01320315-0080-0275
315	80	300	0.75	450	-42	540	3.1	01310315-0080-0300	400	46	437.8	2.7	01320315-0080-0300
315	100	120	0.75	450	36	443	2.3	01310315-0100-0120	400	91	364.4	2.0	01320315-0100-0120
315	100	125	0.75	450	34	446	2.4	01310315-0100-0125	400	90	366.2	2.1	01320315-0100-0125
315	100	140	0.75	450	27	454	2.4	01310315-0100-0140	400	86	371.5	2.1	01320315-0100-0140
315	100	150	0.75	450	23	459	2.5	01310315-0100-0150	400	84	375	2.2	01320315-0100-0150
315	100	160	0.75	450	18	464	2.5	01310315-0100-0160	400	81	378.5	2.2	01320315-0100-0160
315	100	180	0.75	450	10	474	2.6	01310315-0100-0180	400	76	385.6	2.3	01320315-0100-0180
315	100	200	0.75	450	1	484	2.7	01310315-0100-0200	400	71	392.6	2.4	01320315-0100-0200
315	100	225	0.75	450	-10	496	2.8	01310315-0100-0225	400	65	401.4	2.5	01320315-0100-0225
315	100	250	0.75	450	-21	509	3.0	01310315-0100-0250	400	59	410.2	2.6	01320315-0100-0250
315	100	275	0.75	450	-32	522	3.1	01310315-0100-0275	400	53	419	2.7	01320315-0100-0275
315	100	300	0.75	450	-42	534	3.2	01310315-0100-0300	400	46	427.8	2.8	01320315-0100-0300
315	120	120	0.75	500	61	466	2.7	01310315-0120-0120	450	116	389.6	2.4	01320315-0120-0120
315	120	125	0.75	500	59	469	2.7	01310315-0120-0125	450	115	391.4	2.4	01320315-0120-0125
315	120	140	0.75	500	52	477	2.8	01310315-0120-0140	450	111	396.7	2.5	01320315-0120-0140
315	120	150	0.75	500	48	482	2.9	01310315-0120-0150	450	109	400.2	2.5	01320315-0120-0150
315	120	160	0.75	500	43	487	2.9	01310315-0120-0160	450	106	403.7	2.6	01320315-0120-0160
315	120	180	0.75	500	35	497	3.0	01310315-0120-0180	450	101	410.8	2.7	01320315-0120-0180
315	120	200	0.75	500	26	507	3.1	01310315-0120-0200	450	96	417.8	2.8	01320315-0120-0200
315	120	225	0.75	500	15	520	3.3	01310315-0120-0225	450	90	426.6	2.9	01320315-0120-0225
315	120	250	0.75	500	4	532	3.4	01310315-0120-0250	450	84	435.4	3.0	01320315-0120-0250
315	120	275	0.75	500	-7	545	3.5	01310315-0120-0275	450	78	444.2	3.1	01320315-0120-0275
315	120	300	0.75	500	-17	557	3.7	01310315-0120-0300	450	71	453	3.2	01320315-0120-0300
315	125	120	0.75	550	86	494	3.0	01310315-0125-0120	450	116	387.1	2.4	01320315-0125-0120
315	125	125	0.75	550	84	497	3.0	01310315-0125-0125	450	115	388.9	2.4	01320315-0125-0125
315	125	140	0.75	550	77	504	3.1	01310315-0125-0140	450	111	394.2	2.5	01320315-0125-0140
315	125	150	0.75	550	73	509	3.1	01310315-0125-0150	450	109	397.7	2.5	01320315-0125-0150
315	125	160	0.75	550	68	514	3.2	01310315-0125-0160	450	106	401.2	2.6	01320315-0125-0160
315	125	180	0.75	550	60	524	3.3	01310315-0125-0180	450	101	408.3	2.7	01320315-0125-0180
315	125	200	0.75	550	51	534	3.4	01310315-0125-0200	450	96	415.3	2.8	01320315-0125-0200
315	125	225	0.75	550	40	547	3.6	01310315-0125-0225	450	90	424.1	2.9	01320315-0125-0225

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
315	125	250	0.75	550	29	560	3.7	01310315-0125-0250	450	84	432.9	3.0	01320315-0125-0250
315	125	275	0.75	550	18	572	3.9	01310315-0125-0275	450	78	441.7	3.1	01320315-0125-0275
315	125	300	0.75	550	8	585	4.0	01310315-0125-0300	450	71	450.5	3.2	01320315-0125-0300
315	140	120	0.75	550	86	490	3.0	01310315-0140-0120	450	116	379.6	2.5	01320315-0140-0120
315	140	125	0.75	550	84	492	3.1	01310315-0140-0125	450	115	381.4	2.5	01320315-0140-0125
315	140	140	0.75	550	77	500	3.2	01310315-0140-0140	450	111	386.7	2.6	01320315-0140-0140
315	140	150	0.75	550	73	505	3.2	01310315-0140-0150	450	109	390.2	2.6	01320315-0140-0150
315	140	160	0.75	550	68	510	3.3	01310315-0140-0160	450	106	393.7	2.6	01320315-0140-0160
315	140	180	0.75	550	60	520	3.4	01310315-0140-0180	450	101	400.8	2.7	01320315-0140-0180
315	140	200	0.75	550	51	530	3.5	01310315-0140-0200	450	96	407.8	2.8	01320315-0140-0200
315	140	225	0.75	550	40	543	3.7	01310315-0140-0225	450	90	416.6	3.0	01320315-0140-0225
315	140	250	0.75	550	29	555	3.8	01310315-0140-0250	450	84	425.4	3.1	01320315-0140-0250
315	140	275	0.75	550	18	568	4.0	01310315-0140-0275	450	78	434.2	3.2	01320315-0140-0275
315	140	300	0.75	550	8	581	4.1	01310315-0140-0300	450	71	443	3.3	01320315-0140-0300
315	150	120	0.75	550	86	487	3.1	01310315-0150-0120	500	141	409.9	2.8	01320315-0150-0120
315	150	125	0.75	550	84	489	3.1	01310315-0150-0125	500	140	411.6	2.8	01320315-0150-0125
315	150	140	0.75	550	77	497	3.2	01310315-0150-0140	500	136	416.9	2.9	01320315-0150-0140
315	150	150	0.75	550	73	502	3.3	01310315-0150-0150	500	134	420.4	2.9	01320315-0150-0150
315	150	160	0.75	550	68	507	3.3	01310315-0150-0160	500	131	423.9	3.0	01320315-0150-0160
315	150	180	0.75	550	60	517	3.5	01310315-0150-0180	500	126	431	3.1	01320315-0150-0180
315	150	200	0.75	550	51	527	3.6	01310315-0150-0200	500	121	438	3.2	01320315-0150-0200
315	150	225	0.75	550	40	540	3.7	01310315-0150-0225	500	115	446.8	3.3	01320315-0150-0225
315	150	250	0.75	550	29	552	3.9	01310315-0150-0250	500	109	455.6	3.4	01320315-0150-0250
315	150	275	0.75	550	18	565	4.0	01310315-0150-0275	500	103	464.4	3.6	01320315-0150-0275
315	150	300	0.75	550	8	578	4.2	01310315-0150-0300	500	96	473.2	3.7	01320315-0150-0300
315	160	120	0.75	650	136	542	3.7	01310315-0160-0120	500	141	404.9	2.8	01320315-0160-0120
315	160	125	0.75	650	134	544	3.7	01310315-0160-0125	500	140	406.6	2.8	01320315-0160-0125
315	160	140	0.75	650	127	552	3.8	01310315-0160-0140	500	136	411.9	2.9	01320315-0160-0140
315	160	150	0.75	650	123	557	3.9	01310315-0160-0150	500	134	415.4	3.0	01320315-0160-0150
315	160	160	0.75	650	118	562	3.9	01310315-0160-0160	500	131	418.9	3.0	01320315-0160-0160
315	160	180	0.75	650	110	572	4.1	01310315-0160-0180	500	126	426	3.1	01320315-0160-0180
315	160	200	0.75	650	101	582	4.2	01310315-0160-0200	500	121	433	3.2	01320315-0160-0200
315	160	225	0.75	650	90	595	4.4	01310315-0160-0225	500	115	441.8	3.4	01320315-0160-0225
315	160	250	0.75	650	79	607	4.6	01310315-0160-0250	500	109	450.6	3.5	01320315-0160-0250
315	160	275	0.75	650	68	620	4.8	01310315-0160-0275	500	103	459.4	3.6	01320315-0160-0275
315	160	300	0.75	650	58	633	4.9	01310315-0160-0300	500	96	468.2	3.8	01320315-0160-0300
315	180	120	0.75	650	136	536	3.8	01310315-0180-0120	500	141	394.9	2.9	01320315-0180-0120
315	180	125	0.75	650	134	538	3.8	01310315-0180-0125	500	140	396.6	2.9	01320315-0180-0125
315	180	140	0.75	650	127	546	3.9	01310315-0180-0140	500	136	401.9	3.0	01320315-0180-0140
315	180	150	0.75	650	123	551	4.0	01310315-0180-0150	500	134	405.4	3.0	01320315-0180-0150
315	180	160	0.75	650	118	556	4.1	01310315-0180-0160	500	131	408.9	3.1	01320315-0180-0160
315	180	180	0.75	650	110	566	4.2	01310315-0180-0180	500	126	416	3.2	01320315-0180-0180
315	180	200	0.75	650	101	576	4.4	01310315-0180-0200	500	121	423	3.3	01320315-0180-0200
315	180	225	0.75	650	90	589	4.5	01310315-0180-0225	500	115	431.8	3.4	01320315-0180-0225
315	180	250	0.75	650	79	601	4.7	01310315-0180-0250	500	109	440.6	3.6	01320315-0180-0250
315	180	275	0.75	650	68	614	4.9	01310315-0180-0275	500	103	449.4	3.7	01320315-0180-0275
315	180	300	0.75	650	58	627	5.1	01310315-0180-0300	500	96	458.2	3.8	01320315-0180-0300
315	200	120	0.75	700	161	559	4.2	01310315-0200-0120	550	166	420.1	3.2	01320315-0200-0120
315	200	125	0.75	700	159	561	4.2	01310315-0200-0125	550	165	421.8	3.3	01320315-0200-0125
315	200	140	0.75	700	152	569	4.3	01310315-0200-0140	550	161	427.1	3.4	01320315-0200-0140
315	200	150	0.75	700	148	574	4.4	01310315-0200-0150	550	159	430.6	3.4	01320315-0200-0150
315	200	160	0.75	700	143	579	4.5	01310315-0200-0160	550	156	434.2	3.5	01320315-0200-0160
315	200	180	0.75	700	135	589	4.6	01310315-0200-0180	550	151	441.2	3.6	01320315-0200-0180
315	200	200	0.75	700	126	599	4.8	01310315-0200-0200	550	146	448.2	3.7	01320315-0200-0200
315	200	225	0.75	700	115	612	5.0	01310315-0200-0225	550	140	457	3.9	01320315-0200-0225
315	200	250	0.75	700	104	624	5.2	01310315-0200-0250	550	134	465.8	4.0	01320315-0200-0250
315	200	275	0.75	700	93	637	5.4	01310315-0200-0275	550	128	474.6	4.2	01320315-0200-0275
315	200	300	0.75	700	83	650	5.6	01310315-0200-0300	550	121	483.5	4.3	01320315-0200-0300
315	225	140	0.75	850	227	649	5.4	01310315-0225-0140	600	186	449.8	3.8	01320315-0225-0140
315	225	150	0.75	850	223	654	5.5	01310315-0225-0150	600	184	453.3	3.8	01320315-0225-0150
315	225	160	0.75	850	218	659	5.5	01310315-0225-0160	600	181	456.9	3.9	01320315-0225-0160
315	225	180	0.75	850	210	669	5.7	01310315-0225-0180	600	176	463.9	4.0	01320315-0225-0180

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
315	225	200	0.75	850	201	679	5.9	01310315-0225-0200	600	171	471	4.2	01320315-0225-0200
315	225	225	0.75	850	190	692	6.1	01310315-0225-0225	600	165	479.8	4.3	01320315-0225-0225
315	225	250	0.75	850	179	704	6.4	01310315-0225-0250	600	159	488.6	4.5	01320315-0225-0250
315	225	275	0.75	850	168	717	6.6	01310315-0225-0275	600	153	497.4	4.6	01320315-0225-0275
315	225	300	0.75	850	158	729	6.8	01310315-0225-0300	600	146	506.2	4.8	01320315-0225-0300
315	250	200	0.75	850	201	671	6.1	01310315-0250-0200	600	171	458.5	4.3	01320315-0250-0200
315	250	225	0.75	850	190	684	6.3	01310315-0250-0225	600	165	467.3	4.4	01320315-0250-0225
315	250	250	0.75	850	179	697	6.6	01310315-0250-0250	600	159	476.1	4.6	01320315-0250-0250
315	250	275	0.75	850	168	709	6.8	01310315-0250-0275	600	153	484.9	4.8	01320315-0250-0275
315	250	300	0.75	850	158	722	7.0	01310315-0250-0300	600	146	493.7	4.9	01320315-0250-0300
315	275	250	0.75	850	179	689	6.8	01310315-0275-0250	700	209	534	5.5	01320315-0275-0250
315	275	275	0.75	850	168	702	7.0	01310315-0275-0275	700	203	542.8	5.6	01320315-0275-0275
315	275	300	0.75	850	158	714	7.2	01310315-0275-0300	700	196	551.6	5.8	01320315-0275-0300
315	300	300	0.75	950	208	765	8.2	01310315-0300-0300	700	196	539.1	6.0	01320315-0300-0300
350	80	150	0.75	450	8	482	2.5	01310350-0080-0150	400	75	397.3	2.2	01320350-0080-0150
350	80	160	0.75	450	3	487	2.6	01310350-0080-0160	400	73	400.8	2.3	01320350-0080-0160
350	80	180	0.75	450	-5	497	2.7	01310350-0080-0180	400	68	407.9	2.4	01320350-0080-0180
350	80	200	0.75	450	-14	508	2.8	01310350-0080-0200	400	63	414.9	2.4	01320350-0080-0200
350	80	225	0.75	450	-25	520	2.9	01310350-0080-0225	400	56	423.7	2.5	01320350-0080-0225
350	80	250	0.75	450	-36	533	3.0	01310350-0080-0250	400	50	432.5	2.6	01320350-0080-0250
350	80	275	0.75	450	-47	545	3.1	01310350-0080-0275	400	44	441.3	2.7	01320350-0080-0275
350	80	300	0.75	450	-58	558	3.2	01310350-0080-0300	400	38	450.1	2.8	01320350-0080-0300
350	80	315	0.75	450	-64	566	3.3	01310350-0080-0315	400	34	455.4	2.9	01320350-0080-0315
350	100	150	0.75	450	8	476	2.7	01310350-0100-0150	400	75	387.3	2.3	01320350-0100-0150
350	100	160	0.75	450	3	481	2.7	01310350-0100-0160	400	73	390.8	2.4	01320350-0100-0160
350	100	180	0.75	450	-5	491	2.8	01310350-0100-0180	400	68	397.9	2.4	01320350-0100-0180
350	100	200	0.75	450	-14	502	2.9	01310350-0100-0200	400	63	404.9	2.5	01320350-0100-0200
350	100	225	0.75	450	-25	514	3.0	01310350-0100-0225	400	56	413.7	2.6	01320350-0100-0225
350	100	250	0.75	450	-36	527	3.1	01310350-0100-0250	400	50	422.5	2.7	01320350-0100-0250
350	100	275	0.75	450	-47	539	3.3	01310350-0100-0275	400	44	431.3	2.8	01320350-0100-0275
350	100	300	0.75	450	-58	552	3.4	01310350-0100-0300	400	38	440.1	2.9	01320350-0100-0300
350	100	315	0.75	450	-64	560	3.4	01310350-0100-0315	400	34	445.4	3.0	01320350-0100-0315
350	120	150	0.75	500	33	499	3.0	01310350-0120-0150	450	100	412.5	2.7	01320350-0120-0150
350	120	160	0.75	500	28	504	3.1	01310350-0120-0160	450	98	416.1	2.7	01320350-0120-0160
350	120	180	0.75	500	20	515	3.2	01310350-0120-0180	450	93	423.1	2.8	01320350-0120-0180
350	120	200	0.75	500	11	525	3.3	01310350-0120-0200	450	88	430.1	2.9	01320350-0120-0200
350	120	225	0.75	500	0	537	3.4	01310350-0120-0225	450	81	438.9	3.0	01320350-0120-0225
350	120	250	0.75	500	-11	550	3.6	01310350-0120-0250	450	75	447.7	3.1	01320350-0120-0250
350	120	275	0.75	500	-22	563	3.7	01310350-0120-0275	450	69	456.5	3.3	01320350-0120-0275
350	120	300	0.75	500	-33	575	3.8	01310350-0120-0300	450	63	465.4	3.4	01320350-0120-0300
350	120	315	0.75	500	-39	583	3.9	01310350-0120-0315	450	59	470.6	3.5	01320350-0120-0315
350	125	150	0.75	550	58	527	3.3	01310350-0125-0150	450	100	410	2.7	01320350-0125-0150
350	125	160	0.75	550	53	532	3.4	01310350-0125-0160	450	98	413.6	2.7	01320350-0125-0160
350	125	180	0.75	550	45	542	3.5	01310350-0125-0180	450	93	420.6	2.8	01320350-0125-0180
350	125	200	0.75	550	36	552	3.6	01310350-0125-0200	450	88	427.6	2.9	01320350-0125-0200
350	125	225	0.75	550	25	565	3.8	01310350-0125-0225	450	81	436.4	3.1	01320350-0125-0225
350	125	250	0.75	550	14	577	3.9	01310350-0125-0250	450	75	445.2	3.2	01320350-0125-0250
350	125	275	0.75	550	3	590	4.1	01310350-0125-0275	450	69	454	3.3	01320350-0125-0275
350	125	300	0.75	550	-8	603	4.2	01310350-0125-0300	450	63	462.9	3.4	01320350-0125-0300
350	125	315	0.75	550	-14	610	4.3	01310350-0125-0315	450	59	468.1	3.5	01320350-0125-0315
350	140	150	0.75	550	58	522	3.4	01310350-0140-0150	450	100	402.5	2.8	01320350-0140-0150
350	140	160	0.75	550	53	527	3.5	01310350-0140-0160	450	98	406.1	2.8	01320350-0140-0160
350	140	180	0.75	550	45	538	3.6	01310350-0140-0180	450	93	413.1	2.9	01320350-0140-0180
350	140	200	0.75	550	36	548	3.7	01310350-0140-0200	450	88	420.1	3.0	01320350-0140-0200
350	140	225	0.75	550	25	560	3.9	01310350-0140-0225	450	81	428.9	3.1	01320350-0140-0225
350	140	250	0.75	550	14	573	4.0	01310350-0140-0250	450	75	437.7	3.2	01320350-0140-0250
350	140	275	0.75	550	3	586	4.2	01310350-0140-0275	450	69	446.5	3.4	01320350-0140-0275
350	140	300	0.75	550	-8	598	4.3	01310350-0140-0300	450	63	455.4	3.5	01320350-0140-0300
350	140	315	0.75	550	-14	606	4.4	01310350-0140-0315	450	59	460.6	3.6	01320350-0140-0315
350	150	150	0.75	550	58	519	3.5	01310350-0150-0150	500	125	432.7	3.1	01320350-0150-0150
350	150	160	0.75	550	53	524	3.6	01310350-0150-0160	500	123	436.3	3.2	01320350-0150-0160
350	150	180	0.75	550	45	535	3.7	01310350-0150-0180	500	118	443.3	3.3	01320350-0150-0180

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
350	150	200	0.75	550	36	545	3.8	01310350-0150-0200	500	113	450.4	3.4	01320350-0150-0200
350	150	225	0.75	550	25	557	3.9	01310350-0150-0225	500	106	459.2	3.5	01320350-0150-0225
350	150	250	0.75	550	14	570	4.1	01310350-0150-0250	500	100	468	3.6	01320350-0150-0250
350	150	275	0.75	550	3	583	4.2	01310350-0150-0275	500	94	476.8	3.8	01320350-0150-0275
350	150	300	0.75	550	-8	595	4.4	01310350-0150-0300	500	88	485.6	3.9	01320350-0150-0300
350	150	315	0.75	550	-14	603	4.5	01310350-0150-0315	500	84	490.8	4.0	01320350-0150-0315
350	160	150	0.75	650	108	575	4.1	01310350-0160-0150	500	125	427.7	3.1	01320350-0160-0150
350	160	160	0.75	650	103	580	4.2	01310350-0160-0160	500	123	431.3	3.2	01320350-0160-0160
350	160	180	0.75	650	95	590	4.3	01310350-0160-0180	500	118	438.3	3.3	01320350-0160-0180
350	160	200	0.75	650	86	600	4.5	01310350-0160-0200	500	113	445.4	3.4	01320350-0160-0200
350	160	225	0.75	650	75	612	4.7	01310350-0160-0225	500	106	454.2	3.5	01320350-0160-0225
350	160	250	0.75	650	64	625	4.8	01310350-0160-0250	500	100	463	3.7	01320350-0160-0250
350	160	275	0.75	650	53	638	5.0	01310350-0160-0275	500	94	471.8	3.8	01320350-0160-0275
350	160	300	0.75	650	42	650	5.2	01310350-0160-0300	500	88	480.6	3.9	01320350-0160-0300
350	160	315	0.75	650	36	658	5.3	01310350-0160-0315	500	84	485.8	4.0	01320350-0160-0315
350	180	150	0.75	650	108	569	4.3	01310350-0180-0150	500	125	417.7	3.2	01320350-0180-0150
350	180	160	0.75	650	103	574	4.3	01310350-0180-0160	500	123	421.3	3.3	01320350-0180-0160
350	180	180	0.75	650	95	584	4.5	01310350-0180-0180	500	118	428.3	3.4	01320350-0180-0180
350	180	200	0.75	650	86	594	4.6	01310350-0180-0200	500	113	435.4	3.5	01320350-0180-0200
350	180	225	0.75	650	75	606	4.8	01310350-0180-0225	500	106	444.2	3.6	01320350-0180-0225
350	180	250	0.75	650	64	619	5.0	01310350-0180-0250	500	100	453	3.8	01320350-0180-0250
350	180	275	0.75	650	53	632	5.1	01310350-0180-0275	500	94	461.8	3.9	01320350-0180-0275
350	180	300	0.75	650	42	644	5.3	01310350-0180-0300	500	88	470.6	4.0	01320350-0180-0300
350	180	315	0.75	650	36	652	5.4	01310350-0180-0315	500	84	475.8	4.1	01320350-0180-0315
350	200	150	0.75	700	133	592	4.7	01310350-0200-0150	550	150	443	3.6	01320350-0200-0150
350	200	160	0.75	700	128	597	4.8	01310350-0200-0160	550	148	446.5	3.7	01320350-0200-0160
350	200	180	0.75	700	120	607	4.9	01310350-0200-0180	550	143	453.5	3.8	01320350-0200-0180
350	200	200	0.75	700	111	617	5.1	01310350-0200-0200	550	138	460.6	3.9	01320350-0200-0200
350	200	225	0.75	700	100	630	5.3	01310350-0200-0225	550	131	469.4	4.1	01320350-0200-0225
350	200	250	0.75	700	89	642	5.5	01310350-0200-0250	550	125	478.2	4.2	01320350-0200-0250
350	200	275	0.75	700	78	655	5.6	01310350-0200-0275	550	119	487	4.4	01320350-0200-0275
350	200	300	0.75	700	67	667	5.8	01310350-0200-0300	550	113	495.8	4.5	01320350-0200-0300
350	200	315	0.75	700	61	675	6.0	01310350-0200-0315	550	109	501.1	4.6	01320350-0200-0315
350	225	150	0.75	850	208	671	5.8	01310350-0225-0150	600	175	465.7	4.1	01320350-0225-0150
350	225	160	0.75	850	203	676	5.9	01310350-0225-0160	600	173	469.2	4.1	01320350-0225-0160
350	225	180	0.75	850	195	686	6.1	01310350-0225-0180	600	168	476.2	4.2	01320350-0225-0180
350	225	200	0.75	850	186	697	6.2	01310350-0225-0200	600	163	483.3	4.4	01320350-0225-0200
350	225	225	0.75	850	175	709	6.5	01310350-0225-0225	600	156	492.1	4.5	01320350-0225-0225
350	225	250	0.75	850	164	722	6.7	01310350-0225-0250	600	150	500.9	4.7	01320350-0225-0250
350	225	275	0.75	850	153	735	6.9	01310350-0225-0275	600	144	509.7	4.9	01320350-0225-0275
350	225	300	0.75	850	142	747	7.2	01310350-0225-0300	600	138	518.5	5.0	01320350-0225-0300
350	225	315	0.75	850	136	755	7.3	01310350-0225-0315	600	134	523.8	5.1	01320350-0225-0315
350	250	150	0.75	850	208	664	6.0	01310350-0250-0150	600	175	453.2	4.2	01320350-0250-0150
350	250	160	0.75	850	203	669	6.1	01310350-0250-0160	600	173	456.7	4.2	01320350-0250-0160
350	250	180	0.75	850	195	679	6.2	01310350-0250-0180	600	168	463.7	4.4	01320350-0250-0180
350	250	200	0.75	850	186	689	6.4	01310350-0250-0200	600	163	470.8	4.5	01320350-0250-0200
350	250	225	0.75	850	175	702	6.7	01310350-0250-0225	600	156	479.6	4.7	01320350-0250-0225
350	250	250	0.75	850	164	714	6.9	01310350-0250-0250	600	150	488.4	4.8	01320350-0250-0250
350	250	275	0.75	850	153	727	7.1	01310350-0250-0275	600	144	497.2	5.0	01320350-0250-0275
350	250	300	0.75	850	142	740	7.4	01310350-0250-0300	600	138	506	5.2	01320350-0250-0300
350	250	315	0.75	850	136	747	7.5	01310350-0250-0315	600	134	511.3	5.3	01320350-0250-0315
350	275	200	0.75	850	186	682	6.6	01310350-0275-0200	700	213	528.7	5.3	01320350-0275-0200
350	275	225	0.75	850	175	694	6.9	01310350-0275-0225	700	206	537.5	5.5	01320350-0275-0225
350	275	250	0.75	850	164	707	7.1	01310350-0275-0250	700	200	546.3	5.7	01320350-0275-0250
350	275	275	0.75	850	153	720	7.3	01310350-0275-0275	700	194	555.1	5.9	01320350-0275-0275
350	275	300	0.75	850	142	732	7.6	01310350-0275-0300	700	188	563.9	6.1	01320350-0275-0300
350	275	315	0.75	850	136	740	7.7	01310350-0275-0315	700	184	569.2	6.2	01320350-0275-0315
350	300	250	0.75	950	214	758	8.1	01310350-0300-0250	700	200	533.8	5.8	01320350-0300-0250
350	300	275	0.75	950	203	770	8.3	01310350-0300-0275	700	194	542.6	6.0	01320350-0300-0275
350	300	300	0.75	950	192	783	8.6	01310350-0300-0300	700	188	551.4	6.2	01320350-0300-0300
350	300	315	0.75	950	186	790	8.7	01310350-0300-0315	700	184	556.7	6.3	01320350-0300-0315
350	315	300	0.75	1050	242	836	9.5	01310350-0315-0300	700	188	543.9	6.3	01320350-0315-0300

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
350	315	315	0.75	1050	236	844	9.7	01310350-0315-0315	700	184	549.2	6.4	01320350-0315-0315
400	80	200	0.9	450	-36	533	3.6	01310400-0080-0200	400	50	432.5	3.2	01320400-0080-0200
400	80	225	0.9	450	-47	545	3.8	01310400-0080-0225	400	44	441.3	3.3	01320400-0080-0225
400	80	250	0.9	450	-58	558	3.9	01310400-0080-0250	400	38	450.1	3.4	01320400-0080-0250
400	80	275	0.9	450	-68	571	4.0	01310400-0080-0275	400	31	458.9	3.5	01320400-0080-0275
400	80	300	0.9	450	-79	583	4.2	01310400-0080-0300	400	25	467.7	3.6	01320400-0080-0300
400	80	315	0.9	450	-86	591	4.3	01310400-0080-0315	400	21	473	3.7	01320400-0080-0315
400	80	350	0.9	450	-101	609	4.4	01310400-0080-0350	400	13	485.4	3.9	01320400-0080-0350
400	100	200	0.9	450	-36	527	3.8	01310400-0100-0200	400	50	422.5	3.3	01320400-0100-0200
400	100	225	0.9	450	-47	539	3.9	01310400-0100-0225	400	44	431.3	3.4	01320400-0100-0225
400	100	250	0.9	450	-58	552	4.0	01310400-0100-0250	400	38	440.1	3.5	01320400-0100-0250
400	100	275	0.9	450	-68	565	4.2	01310400-0100-0275	400	31	448.9	3.6	01320400-0100-0275
400	100	300	0.9	450	-79	577	4.3	01310400-0100-0300	400	25	457.7	3.8	01320400-0100-0300
400	100	315	0.9	450	-86	585	4.4	01310400-0100-0315	400	21	463	3.8	01320400-0100-0315
400	100	350	0.9	450	-101	603	4.6	01310400-0100-0350	400	13	475.4	4.0	01320400-0100-0350
400	120	200	0.9	500	-11	550	4.3	01310400-0120-0200	450	75	447.7	3.8	01320400-0120-0200
400	120	225	0.9	500	-22	563	4.4	01310400-0120-0225	450	69	456.5	3.9	01320400-0120-0225
400	120	250	0.9	500	-33	575	4.6	01310400-0120-0250	450	63	465.4	4.1	01320400-0120-0250
400	120	275	0.9	500	-43	588	4.8	01310400-0120-0275	450	56	474.2	4.2	01320400-0120-0275
400	120	300	0.9	500	-54	600	4.9	01310400-0120-0300	450	50	483	4.3	01320400-0120-0300
400	120	315	0.9	500	-61	608	5.0	01310400-0120-0315	450	46	488.2	4.4	01320400-0120-0315
400	120	350	0.9	500	-76	626	5.3	01310400-0120-0350	450	38	500.6	4.6	01320400-0120-0350
400	125	200	0.9	550	14	577	4.7	01310400-0125-0200	450	75	445.2	3.8	01320400-0125-0200
400	125	225	0.9	550	3	590	4.9	01310400-0125-0225	450	69	454	3.9	01320400-0125-0225
400	125	250	0.9	550	-8	603	5.1	01310400-0125-0250	450	63	462.9	4.1	01320400-0125-0250
400	125	275	0.9	550	-18	615	5.2	01310400-0125-0275	450	56	471.7	4.2	01320400-0125-0275
400	125	300	0.9	550	-29	628	5.4	01310400-0125-0300	450	50	480.5	4.4	01320400-0125-0300
400	125	315	0.9	550	-36	636	5.5	01310400-0125-0315	450	46	485.7	4.5	01320400-0125-0315
400	125	350	0.9	550	-51	653	5.8	01310400-0125-0350	450	38	498.1	4.7	01320400-0125-0350
400	140	200	0.9	550	14	573	4.8	01310400-0140-0200	450	75	437.7	3.9	01320400-0140-0200
400	140	225	0.9	550	3	586	5.0	01310400-0140-0225	450	69	446.5	4.0	01320400-0140-0225
400	140	250	0.9	550	-8	598	5.2	01310400-0140-0250	450	63	455.4	4.2	01320400-0140-0250
400	140	275	0.9	550	-18	611	5.4	01310400-0140-0275	450	56	464.2	4.3	01320400-0140-0275
400	140	300	0.9	550	-29	624	5.5	01310400-0140-0300	450	50	473	4.5	01320400-0140-0300
400	140	315	0.9	550	-36	631	5.7	01310400-0140-0315	450	46	478.2	4.5	01320400-0140-0315
400	140	350	0.9	550	-51	649	5.9	01310400-0140-0350	450	38	490.6	4.7	01320400-0140-0350
400	150	200	0.9	550	14	570	4.9	01310400-0150-0200	500	100	468	4.4	01320400-0150-0200
400	150	225	0.9	550	3	583	5.1	01310400-0150-0225	500	94	476.8	4.5	01320400-0150-0225
400	150	250	0.9	550	-8	595	5.3	01310400-0150-0250	500	88	485.6	4.7	01320400-0150-0250
400	150	275	0.9	550	-18	608	5.5	01310400-0150-0275	500	81	494.4	4.8	01320400-0150-0275
400	150	300	0.9	550	-29	621	5.6	01310400-0150-0300	500	75	503.2	5.0	01320400-0150-0300
400	150	315	0.9	550	-36	628	5.7	01310400-0150-0315	500	71	508.5	5.1	01320400-0150-0315
400	150	350	0.9	550	-51	646	6.0	01310400-0150-0350	500	63	520.8	5.3	01320400-0150-0350
400	160	200	0.9	650	64	625	5.8	01310400-0160-0200	500	100	463	4.4	01320400-0160-0200
400	160	225	0.9	650	53	638	6.0	01310400-0160-0225	500	94	471.8	4.6	01320400-0160-0225
400	160	250	0.9	650	42	650	6.2	01310400-0160-0250	500	88	480.6	4.7	01320400-0160-0250
400	160	275	0.9	650	32	663	6.4	01310400-0160-0275	500	81	489.4	4.9	01320400-0160-0275
400	160	300	0.9	650	21	676	6.6	01310400-0160-0300	500	75	498.2	5.0	01320400-0160-0300
400	160	315	0.9	650	14	683	6.8	01310400-0160-0315	500	71	503.5	5.1	01320400-0160-0315
400	160	350	0.9	650	-1	701	7.0	01310400-0160-0350	500	63	515.8	5.4	01320400-0160-0350
400	180	200	0.9	650	64	619	6.0	01310400-0180-0200	500	100	453	4.5	01320400-0180-0200
400	180	225	0.9	650	53	632	6.2	01310400-0180-0225	500	94	461.8	4.7	01320400-0180-0225
400	180	250	0.9	650	42	644	6.4	01310400-0180-0250	500	88	470.6	4.8	01320400-0180-0250
400	180	275	0.9	650	32	657	6.6	01310400-0180-0275	500	81	479.4	5.0	01320400-0180-0275
400	180	300	0.9	650	21	670	6.8	01310400-0180-0300	500	75	488.2	5.2	01320400-0180-0300
400	180	315	0.9	650	14	677	6.9	01310400-0180-0315	500	71	493.5	5.3	01320400-0180-0315
400	180	350	0.9	650	-1	695	7.2	01310400-0180-0350	500	63	505.8	5.5	01320400-0180-0350
400	200	200	0.9	700	89	642	6.5	01310400-0200-0200	550	125	478.2	5.1	01320400-0200-0200
400	200	225	0.9	700	78	655	6.8	01310400-0200-0225	550	119	487	5.2	01320400-0200-0225
400	200	250	0.9	700	67	667	7.0	01310400-0200-0250	550	113	495.8	5.4	01320400-0200-0250
400	200	275	0.9	700	57	680	7.2	01310400-0200-0275	550	106	504.6	5.6	01320400-0200-0275
400	200	300	0.9	700	46	693	7.5	01310400-0200-0300	550	100	513.4	5.8	01320400-0200-0300

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
400	200	315	0.9	700	39	700	7.6	01310400-0200-0315	550	96	518.7	5.9	01320400-0200-0315
400	200	350	0.9	700	24	718	7.9	01310400-0200-0350	550	88	531	6.1	01320400-0200-0350
400	225	200	0.9	850	164	722	8.0	01310400-0225-0200	600	150	500.9	5.6	01320400-0225-0200
400	225	225	0.9	850	153	735	8.3	01310400-0225-0225	600	144	509.7	5.8	01320400-0225-0225
400	225	250	0.9	850	142	747	8.6	01310400-0225-0250	600	138	518.5	6.0	01320400-0225-0250
400	225	275	0.9	850	132	760	8.9	01310400-0225-0275	600	131	527.3	6.2	01320400-0225-0275
400	225	300	0.9	850	121	772	9.1	01310400-0225-0300	600	125	536.1	6.4	01320400-0225-0300
400	225	315	0.9	850	114	780	9.3	01310400-0225-0315	600	121	541.4	6.5	01320400-0225-0315
400	225	350	0.9	850	99	798	9.7	01310400-0225-0350	600	113	553.7	6.8	01320400-0225-0350
400	250	200	0.9	850	164	714	8.3	01310400-0250-0200	600	150	488.4	5.8	01320400-0250-0200
400	250	225	0.9	850	153	727	8.6	01310400-0250-0225	600	144	497.2	6.0	01320400-0250-0225
400	250	250	0.9	850	142	740	8.8	01310400-0250-0250	600	138	506	6.2	01320400-0250-0250
400	250	275	0.9	850	132	752	9.1	01310400-0250-0275	600	131	514.8	6.4	01320400-0250-0275
400	250	300	0.9	850	121	765	9.4	01310400-0250-0300	600	125	523.6	6.6	01320400-0250-0300
400	250	315	0.9	850	114	773	9.6	01310400-0250-0315	600	121	528.9	6.7	01320400-0250-0315
400	250	350	0.9	850	99	790	10.0	01310400-0250-0350	600	113	541.2	7.0	01320400-0250-0350
400	275	200	0.9	850	164	707	8.5	01310400-0275-0200	700	200	546.3	6.9	01320400-0275-0200
400	275	225	0.9	850	153	720	8.8	01310400-0275-0225	700	194	555.1	7.1	01320400-0275-0225
400	275	250	0.9	850	142	732	9.1	01310400-0275-0250	700	188	563.9	7.3	01320400-0275-0250
400	275	275	0.9	850	132	745	9.4	01310400-0275-0275	700	181	572.7	7.6	01320400-0275-0275
400	275	300	0.9	850	121	757	9.7	01310400-0275-0300	700	175	581.5	7.8	01320400-0275-0300
400	275	315	0.9	850	114	765	9.8	01310400-0275-0315	700	171	586.8	7.9	01320400-0275-0315
400	275	350	0.9	850	99	783	10.2	01310400-0275-0350	700	163	599.1	8.2	01320400-0275-0350
400	300	200	0.9	950	214	758	9.7	01310400-0300-0200	700	200	533.8	7.0	01320400-0300-0200
400	300	225	0.9	950	203	770	10.0	01310400-0300-0225	700	194	542.6	7.2	01320400-0300-0225
400	300	250	0.9	950	192	783	10.3	01310400-0300-0250	700	188	551.4	7.5	01320400-0300-0250
400	300	275	0.9	950	182	795	10.6	01310400-0300-0275	700	181	560.2	7.7	01320400-0300-0275
400	300	300	0.9	950	171	808	10.9	01310400-0300-0300	700	175	569	7.9	01320400-0300-0300
400	300	315	0.9	950	164	816	11.1	01310400-0300-0315	700	171	574.3	8.1	01320400-0300-0315
400	300	350	0.9	950	149	833	11.6	01310400-0300-0350	700	163	586.6	8.4	01320400-0300-0350
400	315	250	0.9	1050	242	836	11.4	01310400-0315-0250	700	188	543.9	7.6	01320400-0315-0250
400	315	275	0.9	1050	232	849	11.8	01310400-0315-0275	700	181	552.7	7.8	01320400-0315-0275
400	315	300	0.9	1050	221	862	12.1	01310400-0315-0300	700	175	561.5	8.0	01320400-0315-0300
400	315	315	0.9	1050	214	869	12.4	01310400-0315-0315	700	171	566.8	8.2	01320400-0315-0315
400	315	350	0.9	1050	199	887	12.8	01310400-0315-0350	700	163	579.1	8.5	01320400-0315-0350
400	350	300	0.9	1150	271	909	13.6	01310400-0350-0300	800	225	614.4	9.4	01320400-0350-0300
400	350	315	0.9	1150	264	917	13.8	01310400-0350-0315	800	221	619.7	9.5	01320400-0350-0315
400	350	350	0.9	1150	249	935	14.4	01310400-0350-0350	800	213	632	9.9	01320400-0350-0350
450	80	250	0.9	450	-79	583	4.2	01310450-0080-0250	400	25	467.7	3.6	01320450-0080-0250
450	80	275	0.9	450	-90	596	4.3	01310450-0080-0275	400	19	476.5	3.8	01320450-0080-0275
450	80	300	0.9	450	-101	609	4.4	01310450-0080-0300	400	13	485.4	3.9	01320450-0080-0300
450	80	315	0.9	450	-108	616	4.5	01310450-0080-0315	400	9	490.6	4.0	01320450-0080-0315
450	80	350	0.9	450	-123	634	4.7	01310450-0080-0350	400	0	503	4.1	01320450-0080-0350
450	80	400	0.9	450	-145	659	5.0	01310450-0080-0400	400	-13	520.6	4.4	01320450-0080-0400
450	100	250	0.9	450	-79	577	4.3	01310450-0100-0250	400	25	457.7	3.8	01320450-0100-0250
450	100	275	0.9	450	-90	590	4.5	01310450-0100-0275	400	19	466.5	3.9	01320450-0100-0275
450	100	300	0.9	450	-101	603	4.6	01310450-0100-0300	400	13	475.4	4.0	01320450-0100-0300
450	100	315	0.9	450	-108	610	4.7	01310450-0100-0315	400	9	480.6	4.1	01320450-0100-0315
450	100	350	0.9	450	-123	628	4.9	01310450-0100-0350	400	0	493	4.3	01320450-0100-0350
450	100	400	0.9	450	-145	653	5.2	01310450-0100-0400	400	-13	510.6	4.5	01320450-0100-0400
450	120	250	0.9	500	-54	600	4.9	01310450-0120-0250	450	50	483	4.3	01320450-0120-0250
450	120	275	0.9	500	-65	613	5.1	01310450-0120-0275	450	44	491.8	4.5	01320450-0120-0275
450	120	300	0.9	500	-76	626	5.3	01310450-0120-0300	450	38	500.6	4.6	01320450-0120-0300
450	120	315	0.9	500	-83	633	5.4	01310450-0120-0315	450	34	505.8	4.7	01320450-0120-0315
450	120	350	0.9	500	-98	651	5.6	01310450-0120-0350	450	25	518.2	4.9	01320450-0120-0350
450	120	400	0.9	500	-120	676	5.9	01310450-0120-0400	450	13	535.8	5.2	01320450-0120-0400
450	125	250	0.9	550	-29	628	5.4	01310450-0125-0250	450	50	480.5	4.4	01320450-0125-0250
450	125	275	0.9	550	-40	641	5.6	01310450-0125-0275	450	44	489.3	4.5	01320450-0125-0275
450	125	300	0.9	550	-51	653	5.8	01310450-0125-0300	450	38	498.1	4.7	01320450-0125-0300
450	125	315	0.9	550	-58	661	5.9	01310450-0125-0315	450	34	503.3	4.7	01320450-0125-0315
450	125	350	0.9	550	-73	679	6.1	01310450-0125-0350	450	25	515.7	4.9	01320450-0125-0350
450	125	400	0.9	550	-95	704	6.5	01310450-0125-0400	450	13	533.3	5.2	01320450-0125-0400

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
450	140	250	0.9	550	-29	624	5.5	01310450-0140-0250	450	50	473	4.5	01320450-0140-0250
450	140	275	0.9	550	-40	636	5.7	01310450-0140-0275	450	44	481.8	4.6	01320450-0140-0275
450	140	300	0.9	550	-51	649	5.9	01310450-0140-0300	450	38	490.6	4.7	01320450-0140-0300
450	140	315	0.9	550	-58	656	6.0	01310450-0140-0315	450	34	495.8	4.8	01320450-0140-0315
450	140	350	0.9	550	-73	674	6.3	01310450-0140-0350	450	25	508.2	5.0	01320450-0140-0350
450	140	400	0.9	550	-95	699	6.6	01310450-0140-0400	450	13	525.8	5.3	01320450-0140-0400
450	150	250	0.9	550	-29	621	5.6	01310450-0150-0250	500	75	503.2	5.0	01320450-0150-0250
450	150	275	0.9	550	-40	633	5.8	01310450-0150-0275	500	69	512	5.1	01320450-0150-0275
450	150	300	0.9	550	-51	646	6.0	01310450-0150-0300	500	63	520.8	5.3	01320450-0150-0300
450	150	315	0.9	550	-58	653	6.1	01310450-0150-0315	500	59	526.1	5.4	01320450-0150-0315
450	150	350	0.9	550	-73	671	6.4	01310450-0150-0350	500	50	538.4	5.6	01320450-0150-0350
450	150	400	0.9	550	-95	696	6.7	01310450-0150-0400	500	38	556	5.9	01320450-0150-0400
450	160	250	0.9	650	21	676	6.6	01310450-0160-0250	500	75	498.2	5.0	01320450-0160-0250
450	160	275	0.9	650	10	688	6.8	01310450-0160-0275	500	69	507	5.2	01320450-0160-0275
450	160	300	0.9	650	-1	701	7.0	01310450-0160-0300	500	63	515.8	5.4	01320450-0160-0300
450	160	315	0.9	650	-8	709	7.2	01310450-0160-0315	500	59	521.1	5.5	01320450-0160-0315
450	160	350	0.9	650	-23	726	7.5	01310450-0160-0350	500	50	533.4	5.7	01320450-0160-0350
450	160	400	0.9	650	-45	751	7.9	01310450-0160-0400	500	38	551	6.0	01320450-0160-0400
450	180	250	0.9	650	21	670	6.8	01310450-0180-0250	500	75	488.2	5.2	01320450-0180-0250
450	180	275	0.9	650	10	682	7.0	01310450-0180-0275	500	69	497	5.3	01320450-0180-0275
450	180	300	0.9	650	-1	695	7.2	01310450-0180-0300	500	63	505.8	5.5	01320450-0180-0300
450	180	315	0.9	650	-8	703	7.4	01310450-0180-0315	500	59	511.1	5.6	01320450-0180-0315
450	180	350	0.9	650	-23	720	7.7	01310450-0180-0350	500	50	523.4	5.8	01320450-0180-0350
450	180	400	0.9	650	-45	745	8.1	01310450-0180-0400	500	38	541	6.1	01320450-0180-0400
450	200	250	0.9	700	46	693	7.5	01310450-0200-0250	550	100	513.4	5.8	01320450-0200-0250
450	200	275	0.9	700	35	705	7.7	01310450-0200-0275	550	94	522.2	6.0	01320450-0200-0275
450	200	300	0.9	700	24	718	7.9	01310450-0200-0300	550	88	531	6.1	01320450-0200-0300
450	200	315	0.9	700	17	726	8.1	01310450-0200-0315	550	84	536.3	6.2	01320450-0200-0315
450	200	350	0.9	700	2	743	8.4	01310450-0200-0350	550	75	548.6	6.5	01320450-0200-0350
450	200	400	0.9	700	-20	769	8.9	01310450-0200-0400	550	63	566.2	6.8	01320450-0200-0400
450	225	250	0.9	850	121	772	9.1	01310450-0225-0250	600	125	536.1	6.4	01320450-0225-0250
450	225	275	0.9	850	110	785	9.4	01310450-0225-0275	600	119	544.9	6.6	01320450-0225-0275
450	225	300	0.9	850	99	798	9.7	01310450-0225-0300	600	113	553.7	6.8	01320450-0225-0300
450	225	315	0.9	850	92	805	9.9	01310450-0225-0315	600	109	559	6.9	01320450-0225-0315
450	225	350	0.9	850	77	823	10.3	01310450-0225-0350	600	100	571.3	7.2	01320450-0225-0350
450	225	400	0.9	850	55	848	10.8	01310450-0225-0400	600	88	588.9	7.6	01320450-0225-0400
450	250	250	0.9	850	121	765	9.4	01310450-0250-0250	600	125	523.6	6.6	01320450-0250-0250
450	250	275	0.9	850	110	778	9.7	01310450-0250-0275	600	119	532.4	6.8	01320450-0250-0275
450	250	300	0.9	850	99	790	10.0	01310450-0250-0300	600	113	541.2	7.0	01320450-0250-0300
450	250	315	0.9	850	92	798	10.1	01310450-0250-0315	600	109	546.5	7.1	01320450-0250-0315
450	250	350	0.9	850	77	815	10.5	01310450-0250-0350	600	100	558.8	7.4	01320450-0250-0350
450	250	400	0.9	850	55	841	11.1	01310450-0250-0400	600	88	576.4	7.8	01320450-0250-0400
450	275	250	0.9	850	121	757	9.7	01310450-0275-0250	700	175	581.5	7.8	01320450-0275-0250
450	275	275	0.9	850	110	770	9.9	01310450-0275-0275	700	169	590.3	8.0	01320450-0275-0275
450	275	300	0.9	850	99	783	10.2	01310450-0275-0300	700	163	599.1	8.2	01320450-0275-0300
450	275	315	0.9	850	92	790	10.4	01310450-0275-0315	700	159	604.4	8.4	01320450-0275-0315
450	275	350	0.9	850	77	808	10.8	01310450-0275-0350	700	150	616.7	8.7	01320450-0275-0350
450	275	400	0.9	850	55	833	11.4	01310450-0275-0400	700	138	634.3	9.2	01320450-0275-0400
450	300	250	0.9	950	171	808	10.9	01310450-0300-0250	700	175	569	7.9	01320450-0300-0250
450	300	275	0.9	950	160	821	11.3	01310450-0300-0275	700	169	577.8	8.2	01320450-0300-0275
450	300	300	0.9	950	149	833	11.6	01310450-0300-0300	700	163	586.6	8.4	01320450-0300-0300
450	300	315	0.9	950	142	841	11.8	01310450-0300-0315	700	159	591.9	8.5	01320450-0300-0315
450	300	350	0.9	950	127	859	12.2	01310450-0300-0350	700	150	604.2	8.9	01320450-0300-0350
450	300	400	0.9	950	105	884	12.9	01310450-0300-0400	700	138	621.8	9.3	01320450-0300-0400
450	315	250	0.9	1050	221	862	12.1	01310450-0315-0250	700	175	561.5	8.0	01320450-0315-0250
450	315	275	0.9	1050	210	874	12.5	01310450-0315-0275	700	169	570.3	8.3	01320450-0315-0275
450	315	300	0.9	1050	199	887	12.8	01310450-0315-0300	700	163	579.1	8.5	01320450-0315-0300
450	315	315	0.9	1050	192	895	13.1	01310450-0315-0315	700	159	584.4	8.6	01320450-0315-0315
450	315	350	0.9	1050	177	912	13.5	01310450-0315-0350	700	150	596.7	9.0	01320450-0315-0350
450	315	400	0.9	1050	155	938	14.2	01310450-0315-0400	700	138	614.3	9.4	01320450-0315-0400
450	350	250	0.9	1150	271	909	13.6	01310450-0350-0250	800	225	614.4	9.4	01320450-0350-0250
450	350	275	0.9	1150	260	922	14.0	01310450-0350-0275	800	219	623.2	9.6	01320450-0350-0275

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
450	350	300	0.9	1150	249	935	14.4	01310450-0350-0300	800	213	632	9.9	01320450-0350-0300
450	350	315	0.9	1150	242	942	14.6	01310450-0350-0315	800	209	637.3	10.1	01320450-0350-0315
450	350	350	0.9	1150	227	960	15.1	01310450-0350-0350	800	200	649.6	10.4	01320450-0350-0350
450	350	400	0.9	1150	205	985	15.9	01310450-0350-0400	800	188	667.3	11.0	01320450-0350-0400
450	400	350	0.9	1350	327	1061	18.2	01310450-0400-0350	900	250	695.1	12.1	01320450-0400-0350
450	400	400	0.9	1350	305	1086	19.1	01310450-0400-0400	900	238	712.7	12.7	01320450-0400-0400
500	80	300	0.9	450	-123	634	4.7	01310500-0080-0300	400	0	503	4.1	01320500-0080-0300
500	80	315	0.9	450	-129	642	4.8	01310500-0080-0315	400	-4	508.2	4.2	01320500-0080-0315
500	80	350	0.9	450	-145	659	5.0	01310500-0080-0350	400	-13	520.6	4.4	01320500-0080-0350
500	80	400	0.9	450	-166	684	5.3	01310500-0080-0400	400	-25	538.2	4.6	01320500-0080-0400
500	80	450	0.9	450	-188	710	5.6	01310500-0080-0450	400	-38	555.8	4.9	01320500-0080-0450
500	100	300	0.9	450	-123	628	4.9	01310500-0100-0300	400	0	493	4.3	01320500-0100-0300
500	100	315	0.9	450	-129	636	5.0	01310500-0100-0315	400	-4	498.2	4.3	01320500-0100-0315
500	100	350	0.9	450	-145	653	5.2	01310500-0100-0350	400	-13	510.6	4.5	01320500-0100-0350
500	100	400	0.9	450	-166	678	5.5	01310500-0100-0400	400	-25	528.2	4.8	01320500-0100-0400
500	100	450	0.9	450	-188	704	5.8	01310500-0100-0450	400	-38	545.8	5.0	01320500-0100-0450
500	120	300	0.9	500	-98	651	5.6	01310500-0120-0300	450	25	518.2	4.9	01320500-0120-0300
500	120	315	0.9	500	-104	659	5.7	01310500-0120-0315	450	21	523.5	5.0	01320500-0120-0315
500	120	350	0.9	500	-120	676	5.9	01310500-0120-0350	450	13	535.8	5.2	01320500-0120-0350
500	120	400	0.9	500	-141	702	6.2	01310500-0120-0400	450	0	553.4	5.5	01320500-0120-0400
500	120	450	0.9	500	-163	727	6.5	01310500-0120-0450	450	-13	571	5.7	01320500-0120-0450
500	125	300	0.9	550	-73	679	6.1	01310500-0125-0300	450	25	515.7	4.9	01320500-0125-0300
500	125	315	0.9	550	-79	686	6.2	01310500-0125-0315	450	21	521	5.0	01320500-0125-0315
500	125	350	0.9	550	-95	704	6.5	01310500-0125-0350	450	13	533.3	5.2	01320500-0125-0350
500	125	400	0.9	550	-116	729	6.8	01310500-0125-0400	450	0	550.9	5.5	01320500-0125-0400
500	125	450	0.9	550	-138	754	7.2	01310500-0125-0450	450	-13	568.5	5.8	01320500-0125-0450
500	140	300	0.9	550	-73	674	6.3	01310500-0140-0300	450	25	508.2	5.0	01320500-0140-0300
500	140	315	0.9	550	-79	682	6.4	01310500-0140-0315	450	21	513.5	5.1	01320500-0140-0315
500	140	350	0.9	550	-95	699	6.6	01310500-0140-0350	450	13	525.8	5.3	01320500-0140-0350
500	140	400	0.9	550	-116	725	7.0	01310500-0140-0400	450	0	543.4	5.6	01320500-0140-0400
500	140	450	0.9	550	-138	750	7.3	01310500-0140-0450	450	-13	561	5.9	01320500-0140-0450
500	150	300	0.9	550	-73	671	6.4	01310500-0150-0300	500	50	538.4	5.6	01320500-0150-0300
500	150	315	0.9	550	-79	679	6.5	01310500-0150-0315	500	46	543.7	5.7	01320500-0150-0315
500	150	350	0.9	550	-95	696	6.7	01310500-0150-0350	500	38	556	5.9	01320500-0150-0350
500	150	400	0.9	550	-116	722	7.1	01310500-0150-0400	500	25	573.6	6.2	01320500-0150-0400
500	150	450	0.9	550	-138	747	7.4	01310500-0150-0450	500	13	591.2	6.6	01320500-0150-0450
500	160	300	0.9	650	-23	726	7.5	01310500-0160-0300	500	50	533.4	5.7	01320500-0160-0300
500	160	315	0.9	650	-29	734	7.6	01310500-0160-0315	500	46	538.7	5.8	01320500-0160-0315
500	160	350	0.9	650	-45	751	7.9	01310500-0160-0350	500	38	551	6.0	01320500-0160-0350
500	160	400	0.9	650	-66	777	8.3	01310500-0160-0400	500	25	568.6	6.3	01320500-0160-0400
500	160	450	0.9	650	-88	802	8.7	01310500-0160-0450	500	13	586.2	6.6	01320500-0160-0450
500	180	300	0.9	650	-23	720	7.7	01310500-0180-0300	500	50	523.4	5.8	01320500-0180-0300
500	180	315	0.9	650	-29	728	7.8	01310500-0180-0315	500	46	528.7	5.9	01320500-0180-0315
500	180	350	0.9	650	-45	745	8.1	01310500-0180-0350	500	38	541	6.1	01320500-0180-0350
500	180	400	0.9	650	-66	771	8.5	01310500-0180-0400	500	25	558.6	6.5	01320500-0180-0400
500	180	450	0.9	650	-88	796	8.9	01310500-0180-0450	500	13	576.2	6.8	01320500-0180-0450
500	200	300	0.9	700	2	743	8.4	01310500-0200-0300	550	75	548.6	6.5	01320500-0200-0300
500	200	315	0.9	700	-4	751	8.5	01310500-0200-0315	550	71	553.9	6.6	01320500-0200-0315
500	200	350	0.9	700	-20	769	8.9	01310500-0200-0350	550	63	566.2	6.8	01320500-0200-0350
500	200	400	0.9	700	-41	794	9.3	01310500-0200-0400	550	50	583.8	7.2	01320500-0200-0400
500	200	450	0.9	700	-63	819	9.8	01310500-0200-0450	550	38	601.4	7.6	01320500-0200-0450
500	225	300	0.9	850	77	823	10.3	01310500-0225-0300	600	100	571.3	7.2	01320500-0225-0300
500	225	315	0.9	850	71	831	10.4	01310500-0225-0315	600	96	576.6	7.3	01320500-0225-0315
500	225	350	0.9	850	55	848	10.8	01310500-0225-0350	600	88	588.9	7.6	01320500-0225-0350
500	225	400	0.9	850	34	874	11.4	01310500-0225-0400	600	75	606.5	8.0	01320500-0225-0400
500	225	450	0.9	850	12	899	11.9	01310500-0225-0450	600	63	624.1	8.4	01320500-0225-0450
500	250	300	0.9	850	77	815	10.5	01310500-0250-0300	600	100	558.8	7.4	01320500-0250-0300
500	250	315	0.9	850	71	823	10.7	01310500-0250-0315	600	96	564.1	7.5	01320500-0250-0315
500	250	350	0.9	850	55	841	11.1	01310500-0250-0350	600	88	576.4	7.8	01320500-0250-0350
500	250	400	0.9	850	34	866	11.7	01310500-0250-0400	600	75	594	8.2	01320500-0250-0400
500	250	450	0.9	850	12	891	12.2	01310500-0250-0450	600	63	611.6	8.6	01320500-0250-0450
500	275	300	0.9	850	77	808	10.8	01310500-0275-0300	700	150	616.7	8.7	01320500-0275-0300

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
500	275	315	0.9	850	71	816	11.0	01310500-0275-0315	700	146	622	8.8	01320500-0275-0315
500	275	350	0.9	850	55	833	11.4	01310500-0275-0350	700	138	634.3	9.2	01320500-0275-0350
500	275	400	0.9	850	34	859	12.0	01310500-0275-0400	700	125	651.9	9.6	01320500-0275-0400
500	275	450	0.9	850	12	884	12.5	01310500-0275-0450	700	113	669.5	10.1	01320500-0275-0450
500	300	300	0.9	950	127	859	12.2	01310500-0300-0300	700	150	604.2	8.9	01320500-0300-0300
500	300	315	0.9	950	121	866	12.4	01310500-0300-0315	700	146	609.5	9.0	01320500-0300-0315
500	300	350	0.9	950	105	884	12.9	01310500-0300-0350	700	138	621.8	9.3	01320500-0300-0350
500	300	400	0.9	950	84	909	13.5	01310500-0300-0400	700	125	639.4	9.8	01320500-0300-0400
500	300	450	0.9	950	62	934	14.1	01310500-0300-0450	700	113	657	10.3	01320500-0300-0450
500	315	300	0.9	1050	177	912	13.5	01310500-0315-0300	700	150	596.7	9.0	01320500-0315-0300
500	315	315	0.9	1050	171	920	13.8	01310500-0315-0315	700	146	602	9.1	01320500-0315-0315
500	315	350	0.9	1050	155	938	14.2	01310500-0315-0350	700	138	614.3	9.4	01320500-0315-0350
500	315	400	0.9	1050	134	963	14.9	01310500-0315-0400	700	125	631.9	9.9	01320500-0315-0400
500	315	450	0.9	1050	112	988	15.6	01310500-0315-0450	700	113	649.5	10.4	01320500-0315-0450
500	350	300	0.9	1150	227	960	15.1	01310500-0350-0300	800	200	649.6	10.4	01320500-0350-0300
500	350	315	0.9	1150	221	967	15.4	01310500-0350-0315	800	196	654.9	10.6	01320500-0350-0315
500	350	350	0.9	1150	205	985	15.9	01310500-0350-0350	800	188	667.3	11.0	01320500-0350-0350
500	350	400	0.9	1150	184	1010	16.7	01310500-0350-0400	800	175	684.9	11.5	01320500-0350-0400
500	350	450	0.9	1150	162	1036	17.5	01310500-0350-0450	800	163	702.5	12.0	01320500-0350-0450
500	400	300	0.9	1350	327	1061	18.2	01310500-0400-0300	900	250	695.1	12.1	01320500-0400-0300
500	400	315	0.9	1350	321	1069	18.5	01310500-0400-0315	900	246	700.4	12.3	01320500-0400-0315
500	400	350	0.9	1350	305	1086	19.1	01310500-0400-0350	900	238	712.7	12.7	01320500-0400-0350
500	400	400	0.9	1350	284	1112	20.0	01310500-0400-0400	900	225	730.3	13.3	01320500-0400-0400
500	400	450	0.9	1350	262	1137	20.9	01310500-0400-0450	900	213	747.9	13.9	01320500-0400-0450
500	450	400	0.9	1350	284	1097	20.7	01310500-0450-0400	1050	300	810.9	15.9	01320500-0450-0400
500	450	450	0.9	1350	262	1122	21.7	01310500-0450-0450	1050	288	828.5	16.6	01320500-0450-0450
550	80	350	0.9	450	-166	684	5.3	01310550-0080-0350	400	-25	538.2	4.6	01320550-0080-0350
550	80	400	0.9	450	-188	710	5.6	01310550-0080-0400	400	-38	555.8	4.9	01320550-0080-0400
550	80	450	0.9	450	-210	735	5.8	01310550-0080-0450	400	-50	573.4	5.1	01320550-0080-0450
550	80	500	0.9	450	-232	760	6.1	01310550-0080-0500	400	-63	591	5.3	01320550-0080-0500
550	100	350	0.9	450	-166	678	5.5	01310550-0100-0350	400	-25	528.2	4.8	01320550-0100-0350
550	100	400	0.9	450	-188	704	5.8	01310550-0100-0400	400	-38	545.8	5.0	01320550-0100-0400
550	100	450	0.9	450	-210	729	6.1	01310550-0100-0450	400	-50	563.4	5.3	01320550-0100-0450
550	100	500	0.9	450	-232	754	6.3	01310550-0100-0500	400	-63	581	5.5	01320550-0100-0500
550	120	350	0.9	500	-141	702	6.2	01310550-0120-0350	450	0	553.4	5.5	01320550-0120-0350
550	120	400	0.9	500	-163	727	6.5	01310550-0120-0400	450	-13	571	5.7	01320550-0120-0400
550	120	450	0.9	500	-185	752	6.9	01310550-0120-0450	450	-25	588.6	6.0	01320550-0120-0450
550	120	500	0.9	500	-207	777	7.2	01310550-0120-0500	450	-38	606.2	6.3	01320550-0120-0500
550	125	350	0.9	550	-116	729	6.8	01310550-0125-0350	450	0	550.9	5.5	01320550-0125-0350
550	125	400	0.9	550	-138	754	7.2	01310550-0125-0400	450	-13	568.5	5.8	01320550-0125-0400
550	125	450	0.9	550	-160	780	7.5	01310550-0125-0450	450	-25	586.1	6.1	01320550-0125-0450
550	125	500	0.9	550	-182	805	7.9	01310550-0125-0500	450	-38	603.7	6.3	01320550-0125-0500
550	140	350	0.9	550	-116	725	7.0	01310550-0140-0350	450	0	543.4	5.6	01320550-0140-0350
550	140	400	0.9	550	-138	750	7.3	01310550-0140-0400	450	-13	561	5.9	01320550-0140-0400
550	140	450	0.9	550	-160	775	7.7	01310550-0140-0450	450	-25	578.6	6.2	01320550-0140-0450
550	140	500	0.9	550	-182	800	8.0	01310550-0140-0500	450	-38	596.2	6.5	01320550-0140-0500
550	150	350	0.9	550	-116	722	7.1	01310550-0150-0350	500	25	573.6	6.2	01320550-0150-0350
550	150	400	0.9	550	-138	747	7.4	01310550-0150-0400	500	13	591.2	6.6	01320550-0150-0400
550	150	450	0.9	550	-160	772	7.8	01310550-0150-0450	500	0	608.8	6.9	01320550-0150-0450
550	150	500	0.9	550	-182	797	8.2	01310550-0150-0500	500	-13	626.4	7.2	01320550-0150-0500
550	160	350	0.9	650	-66	777	8.3	01310550-0160-0350	500	25	568.6	6.3	01320550-0160-0350
550	160	400	0.9	650	-88	802	8.7	01310550-0160-0400	500	13	586.2	6.6	01320550-0160-0400
550	160	450	0.9	650	-110	827	9.1	01310550-0160-0450	500	0	603.8	7.0	01320550-0160-0450
550	160	500	0.9	650	-132	853	9.6	01310550-0160-0500	500	-13	621.4	7.3	01320550-0160-0500
550	180	350	0.9	650	-66	771	8.5	01310550-0180-0350	500	25	558.6	6.5	01320550-0180-0350
550	180	400	0.9	650	-88	796	8.9	01310550-0180-0400	500	13	576.2	6.8	01320550-0180-0400
550	180	450	0.9	650	-110	821	9.4	01310550-0180-0450	500	0	593.8	7.1	01320550-0180-0450
550	180	500	0.9	650	-132	847	9.8	01310550-0180-0500	500	-13	611.4	7.4	01320550-0180-0500
550	200	350	0.9	700	-41	794	9.3	01310550-0200-0350	550	50	583.8	7.2	01320550-0200-0350
550	200	400	0.9	700	-63	819	9.8	01310550-0200-0400	550	38	601.4	7.6	01320550-0200-0400
550	200	450	0.9	700	-85	844	10.2	01310550-0200-0450	550	25	619	7.9	01320550-0200-0450
550	200	500	0.9	700	-107	870	10.7	01310550-0200-0500	550	13	636.6	8.3	01320550-0200-0500

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
550	225	350	0.9	850	34	874	11.4	01310550-0225-0350	600	75	606.5	8.0	01320550-0225-0350
550	225	400	0.9	850	12	899	11.9	01310550-0225-0400	600	63	624.1	8.4	01320550-0225-0400
550	225	450	0.9	850	-10	924	12.5	01310550-0225-0450	600	50	641.7	8.8	01320550-0225-0450
550	225	500	0.9	850	-32	949	13.0	01310550-0225-0500	600	38	659.3	9.2	01320550-0225-0500
550	250	350	0.9	850	34	866	11.7	01310550-0250-0350	600	75	594	8.2	01320550-0250-0350
550	250	400	0.9	850	12	891	12.2	01310550-0250-0400	600	63	611.6	8.6	01320550-0250-0400
550	250	450	0.9	850	-10	917	12.8	01310550-0250-0450	600	50	629.2	9.0	01320550-0250-0450
550	250	500	0.9	850	-32	942	13.4	01310550-0250-0500	600	38	646.8	9.4	01320550-0250-0500
550	275	350	0.9	850	34	859	12.0	01310550-0275-0350	700	125	651.9	9.6	01320550-0275-0350
550	275	400	0.9	850	12	884	12.5	01310550-0275-0400	700	113	669.5	10.1	01320550-0275-0400
550	275	450	0.9	850	-10	909	13.1	01310550-0275-0450	700	100	687.1	10.5	01320550-0275-0450
550	275	500	0.9	850	-32	934	13.7	01310550-0275-0500	700	88	704.8	11.0	01320550-0275-0500
550	300	350	0.9	950	84	909	13.5	01310550-0300-0350	700	125	639.4	9.8	01320550-0300-0350
550	300	400	0.9	950	62	934	14.1	01310550-0300-0400	700	113	657	10.3	01320550-0300-0400
550	300	450	0.9	950	40	960	14.8	01310550-0300-0450	700	100	674.6	10.7	01320550-0300-0450
550	300	500	0.9	950	18	985	15.4	01310550-0300-0500	700	88	692.3	11.2	01320550-0300-0500
550	315	350	0.9	1050	134	963	14.9	01310550-0315-0350	700	125	631.9	9.9	01320550-0315-0350
550	315	400	0.9	1050	112	988	15.6	01310550-0315-0400	700	113	649.5	10.4	01320550-0315-0400
550	315	450	0.9	1050	90	1013	16.3	01310550-0315-0450	700	100	667.1	10.9	01320550-0315-0450
550	315	500	0.9	1050	68	1039	17.0	01310550-0315-0500	700	88	684.8	11.3	01320550-0315-0500
550	350	350	0.9	1150	184	1010	16.7	01310550-0350-0350	800	175	684.9	11.5	01320550-0350-0350
550	350	400	0.9	1150	162	1036	17.5	01310550-0350-0400	800	163	702.5	12.0	01320550-0350-0400
550	350	450	0.9	1150	140	1061	18.2	01310550-0350-0450	800	150	720.1	12.6	01320550-0350-0450
550	350	500	0.9	1150	118	1086	19.0	01310550-0350-0500	800	138	737.7	13.1	01320550-0350-0500
550	400	350	0.9	1350	284	1112	20.0	01310550-0400-0350	900	225	730.3	13.3	01320550-0400-0350
550	400	400	0.9	1350	262	1137	20.9	01310550-0400-0400	900	213	747.9	13.9	01320550-0400-0400
550	400	450	0.9	1350	240	1162	21.8	01310550-0400-0450	900	200	765.5	14.5	01320550-0400-0450
550	400	500	0.9	1350	218	1188	22.7	01310550-0400-0500	900	188	783.1	15.1	01320550-0400-0500
550	450	350	0.9	1350	284	1097	20.7	01310550-0450-0350	1050	300	810.9	15.9	01320550-0450-0350
550	450	400	0.9	1350	262	1122	21.7	01310550-0450-0400	1050	288	828.5	16.6	01320550-0450-0400
550	450	450	0.9	1350	240	1147	22.6	01310550-0450-0450	1050	275	846.1	17.3	01320550-0450-0450
550	450	500	0.9	1350	218	1173	23.5	01310550-0450-0500	1050	263	863.7	18.0	01320550-0450-0500
550	500	450	0.9	1350	240	1132	23.3	01310550-0500-0450	1150	325	891.5	19.3	01320550-0500-0450
550	500	500	0.9	1350	218	1158	24.3	01310550-0500-0500	1150	313	909.2	20.1	01320550-0500-0500
600	80	400	0.9	450	-210	735	5.8	01310600-0080-0400	400	-50	573.4	5.1	01320600-0080-0400
600	80	450	0.9	450	-232	760	6.1	01310600-0080-0450	400	-63	591	5.3	01320600-0080-0450
600	80	500	0.9	450	-253	786	6.4	01310600-0080-0500	400	-75	608.6	5.6	01320600-0080-0500
600	80	550	0.9	450	-275	811	6.7	01310600-0080-0550	400	-88	626.2	5.8	01320600-0080-0550
600	100	400	0.9	450	-210	729	6.1	01310600-0100-0400	400	-50	563.4	5.3	01320600-0100-0400
600	100	450	0.9	450	-232	754	6.3	01310600-0100-0450	400	-63	581	5.5	01320600-0100-0450
600	100	500	0.9	450	-253	780	6.6	01310600-0100-0500	400	-75	598.6	5.8	01320600-0100-0500
600	100	550	0.9	450	-275	805	6.9	01310600-0100-0550	400	-88	616.2	6.0	01320600-0100-0550
600	120	400	0.9	500	-185	752	6.9	01310600-0120-0400	450	-25	588.6	6.0	01320600-0120-0400
600	120	450	0.9	500	-207	777	7.2	01310600-0120-0450	450	-38	606.2	6.3	01320600-0120-0450
600	120	500	0.9	500	-228	803	7.5	01310600-0120-0500	450	-50	623.8	6.6	01320600-0120-0500
600	120	550	0.9	500	-250	828	7.8	01310600-0120-0550	450	-63	641.4	6.9	01320600-0120-0550
600	125	400	0.9	550	-160	780	7.5	01310600-0125-0400	450	-25	586.1	6.1	01320600-0125-0400
600	125	450	0.9	550	-182	805	7.9	01310600-0125-0450	450	-38	603.7	6.3	01320600-0125-0450
600	125	500	0.9	550	-203	830	8.2	01310600-0125-0500	450	-50	621.3	6.6	01320600-0125-0500
600	125	550	0.9	550	-225	856	8.6	01310600-0125-0550	450	-63	638.9	6.9	01320600-0125-0550
600	140	400	0.9	550	-160	775	7.7	01310600-0140-0400	450	-25	578.6	6.2	01320600-0140-0400
600	140	450	0.9	550	-182	800	8.0	01310600-0140-0450	450	-38	596.2	6.5	01320600-0140-0450
600	140	500	0.9	550	-203	826	8.4	01310600-0140-0500	450	-50	613.8	6.7	01320600-0140-0500
600	140	550	0.9	550	-225	851	8.8	01310600-0140-0550	450	-63	631.4	7.0	01320600-0140-0550
600	150	400	0.9	550	-160	772	7.8	01310600-0150-0400	500	0	608.8	6.9	01320600-0150-0400
600	150	450	0.9	550	-182	797	8.2	01310600-0150-0450	500	-13	626.4	7.2	01320600-0150-0450
600	150	500	0.9	550	-203	823	8.5	01310600-0150-0500	500	-25	644	7.5	01320600-0150-0500
600	150	550	0.9	550	-225	848	8.9	01310600-0150-0550	500	-38	661.6	7.8	01320600-0150-0550
600	160	400	0.9	650	-110	827	9.1	01310600-0160-0400	500	0	603.8	7.0	01320600-0160-0400
600	160	450	0.9	650	-132	853	9.6	01310600-0160-0450	500	-13	621.4	7.3	01320600-0160-0450
600	160	500	0.9	650	-153	878	10.0	01310600-0160-0500	500	-25	639	7.6	01320600-0160-0500
600	160	550	0.9	650	-175	903	10.4	01310600-0160-0550	500	-38	656.6	7.9	01320600-0160-0550

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
600	180	400	0.9	650	-110	821	9.4	01310600-0180-0400	500	0	593.8	7.1	01320600-0180-0400
600	180	450	0.9	650	-132	847	9.8	01310600-0180-0450	500	-13	611.4	7.4	01320600-0180-0450
600	180	500	0.9	650	-153	872	10.2	01310600-0180-0500	500	-25	629	7.8	01320600-0180-0500
600	180	550	0.9	650	-175	897	10.7	01310600-0180-0550	500	-38	646.6	8.1	01320600-0180-0550
600	200	400	0.9	700	-85	844	10.2	01310600-0200-0400	550	25	619	7.9	01320600-0200-0400
600	200	450	0.9	700	-107	870	10.7	01310600-0200-0450	550	13	636.6	8.3	01320600-0200-0450
600	200	500	0.9	700	-128	895	11.2	01310600-0200-0500	550	0	654.2	8.6	01320600-0200-0500
600	200	550	0.9	700	-150	920	11.6	01310600-0200-0550	550	-13	671.8	9.0	01320600-0200-0550
600	225	400	0.9	850	-10	924	12.5	01310600-0225-0400	600	50	641.7	8.8	01320600-0225-0400
600	225	450	0.9	850	-32	949	13.0	01310600-0225-0450	600	38	659.3	9.2	01320600-0225-0450
600	225	500	0.9	850	-53	975	13.6	01310600-0225-0500	600	25	676.9	9.6	01320600-0225-0500
600	225	550	0.9	850	-75	1000	14.1	01310600-0225-0550	600	13	694.5	9.9	01320600-0225-0550
600	250	400	0.9	850	-10	917	12.8	01310600-0250-0400	600	50	629.2	9.0	01320600-0250-0400
600	250	450	0.9	850	-32	942	13.4	01310600-0250-0450	600	38	646.8	9.4	01320600-0250-0450
600	250	500	0.9	850	-53	967	13.9	01310600-0250-0500	600	25	664.4	9.8	01320600-0250-0500
600	250	550	0.9	850	-75	992	14.5	01310600-0250-0550	600	13	682	10.2	01320600-0250-0550
600	275	400	0.9	850	-10	909	13.1	01310600-0275-0400	700	100	687.1	10.5	01320600-0275-0400
600	275	450	0.9	850	-32	934	13.7	01310600-0275-0450	700	88	704.8	11.0	01320600-0275-0450
600	275	500	0.9	850	-53	960	14.3	01310600-0275-0500	700	75	722.4	11.5	01320600-0275-0500
600	275	550	0.9	850	-75	985	14.8	01310600-0275-0550	700	63	740	11.9	01320600-0275-0550
600	300	400	0.9	950	40	960	14.8	01310600-0300-0400	700	100	674.6	10.7	01320600-0300-0400
600	300	450	0.9	950	18	985	15.4	01310600-0300-0450	700	88	692.3	11.2	01320600-0300-0450
600	300	500	0.9	950	-3	1010	16.0	01310600-0300-0500	700	75	709.9	11.7	01320600-0300-0500
600	300	550	0.9	950	-25	1036	16.7	01310600-0300-0550	700	63	727.5	12.1	01320600-0300-0550
600	315	400	0.9	1050	90	1013	16.3	01310600-0315-0400	700	100	667.1	10.9	01320600-0315-0400
600	315	450	0.9	1050	68	1039	17.0	01310600-0315-0450	700	88	684.8	11.3	01320600-0315-0450
600	315	500	0.9	1050	47	1064	17.7	01310600-0315-0500	700	75	702.4	11.8	01320600-0315-0500
600	315	550	0.9	1050	25	1089	18.4	01310600-0315-0550	700	63	720	12.3	01320600-0315-0550
600	350	400	0.9	1150	140	1061	18.2	01310600-0350-0400	800	150	720.1	12.6	01320600-0350-0400
600	350	450	0.9	1150	118	1086	19.0	01310600-0350-0450	800	138	737.7	13.1	01320600-0350-0450
600	350	500	0.9	1150	97	1112	19.8	01310600-0350-0500	800	125	755.3	13.7	01320600-0350-0500
600	350	550	0.9	1150	75	1137	20.5	01310600-0350-0550	800	113	772.9	14.2	01320600-0350-0550
600	400	400	0.9	1350	240	1162	21.8	01310600-0400-0400	900	200	765.5	14.5	01320600-0400-0400
600	400	450	0.9	1350	218	1188	22.7	01310600-0400-0450	900	188	783.1	15.1	01320600-0400-0450
600	400	500	0.9	1350	197	1213	23.6	01310600-0400-0500	900	175	800.7	15.7	01320600-0400-0500
600	400	550	0.9	1350	175	1238	24.5	01310600-0400-0550	900	163	818.3	16.3	01320600-0400-0550
600	450	400	0.9	1350	240	1147	22.6	01310600-0450-0400	1050	275	846.1	17.3	01320600-0450-0400
600	450	450	0.9	1350	218	1173	23.5	01310600-0450-0450	1050	263	863.7	18.0	01320600-0450-0450
600	450	500	0.9	1350	197	1198	24.4	01310600-0450-0500	1050	250	881.3	18.7	01320600-0450-0500
600	450	550	0.9	1350	175	1223	25.3	01310600-0450-0550	1050	238	898.9	19.4	01320600-0450-0550
600	500	400	0.9	1350	240	1132	23.3	01310600-0500-0400	1150	325	891.5	19.3	01320600-0500-0400
600	500	450	0.9	1350	218	1158	24.3	01310600-0500-0450	1150	313	909.2	20.1	01320600-0500-0450
600	500	500	0.9	1350	197	1183	25.2	01310600-0500-0500	1150	300	926.8	20.9	01320600-0500-0500
600	500	550	0.9	1350	175	1208	26.1	01310600-0500-0550	1150	288	944.4	21.6	01320600-0500-0550
600	550	500	0.9	1550	297	1284	29.3	01310600-0550-0500	1250	350	972.2	23.1	01320600-0550-0500
600	550	550	0.9	1550	275	1309	30.4	01310600-0550-0550	1250	338	989.8	24.0	01320600-0550-0550
630	80	450	0.9	450	-245	775	6.3	01310630-0080-0450	400	-70	601.5	5.5	01320630-0080-0450
630	80	500	0.9	450	-266	801	6.6	01310630-0080-0500	400	-83	619.2	5.7	01320630-0080-0500
630	80	550	0.9	450	-288	826	6.9	01310630-0080-0550	400	-95	636.8	6.0	01320630-0080-0550
630	80	600	0.9	450	-310	851	7.1	01310630-0080-0600	400	-108	654.4	6.2	01320630-0080-0600
630	100	450	0.9	450	-245	769	6.5	01310630-0100-0450	400	-70	591.5	5.7	01320630-0100-0450
630	100	500	0.9	450	-266	795	6.8	01310630-0100-0500	400	-83	609.2	5.9	01320630-0100-0500
630	100	550	0.9	450	-288	820	7.1	01310630-0100-0550	400	-95	626.8	6.1	01320630-0100-0550
630	100	600	0.9	450	-310	845	7.4	01310630-0100-0600	400	-108	644.4	6.4	01320630-0100-0600
630	120	450	0.9	500	-220	793	7.4	01310630-0120-0450	450	-45	616.8	6.5	01320630-0120-0450
630	120	500	0.9	500	-241	818	7.7	01310630-0120-0500	450	-58	634.4	6.8	01320630-0120-0500
630	120	550	0.9	500	-263	843	8.0	01310630-0120-0550	450	-70	652	7.0	01320630-0120-0550
630	120	600	0.9	500	-285	868	8.3	01310630-0120-0600	450	-83	669.6	7.3	01320630-0120-0600
630	125	450	0.9	550	-195	820	8.1	01310630-0125-0450	450	-45	614.3	6.5	01320630-0125-0450
630	125	500	0.9	550	-216	845	8.4	01310630-0125-0500	450	-58	631.9	6.8	01320630-0125-0500
630	125	550	0.9	550	-238	871	8.8	01310630-0125-0550	450	-70	649.5	7.1	01320630-0125-0550
630	125	600	0.9	550	-260	896	9.1	01310630-0125-0600	450	-83	667.1	7.4	01320630-0125-0600

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
630	140	450	0.9	550	-195	816	8.3	01310630-0140-0450	450	-45	606.8	6.6	01320630-0140-0450
630	140	500	0.9	550	-216	841	8.6	01310630-0140-0500	450	-58	624.4	6.9	01320630-0140-0500
630	140	550	0.9	550	-238	866	9.0	01310630-0140-0550	450	-70	642	7.2	01320630-0140-0550
630	140	600	0.9	550	-260	891	9.3	01310630-0140-0600	450	-83	659.6	7.5	01320630-0140-0600
630	150	450	0.9	550	-195	813	8.4	01310630-0150-0450	500	-20	637	7.4	01320630-0150-0450
630	150	500	0.9	550	-216	838	8.7	01310630-0150-0500	500	-33	654.6	7.7	01320630-0150-0500
630	150	550	0.9	550	-238	863	9.1	01310630-0150-0550	500	-45	672.2	8.0	01320630-0150-0550
630	150	600	0.9	550	-260	888	9.5	01310630-0150-0600	500	-58	689.8	8.3	01320630-0150-0600
630	160	450	0.9	650	-145	868	9.8	01310630-0160-0450	500	-20	632	7.5	01320630-0160-0450
630	160	500	0.9	650	-166	893	10.2	01310630-0160-0500	500	-33	649.6	7.8	01320630-0160-0500
630	160	550	0.9	650	-188	918	10.7	01310630-0160-0550	500	-45	667.2	8.1	01320630-0160-0550
630	160	600	0.9	650	-210	944	11.1	01310630-0160-0600	500	-58	684.8	8.4	01320630-0160-0600
630	180	450	0.9	650	-145	862	10.1	01310630-0180-0450	500	-20	622	7.6	01320630-0180-0450
630	180	500	0.9	650	-166	887	10.5	01310630-0180-0500	500	-33	639.6	8.0	01320630-0180-0500
630	180	550	0.9	650	-188	912	10.9	01310630-0180-0550	500	-45	657.2	8.3	01320630-0180-0550
630	180	600	0.9	650	-210	938	11.3	01310630-0180-0600	500	-58	674.8	8.6	01320630-0180-0600
630	200	450	0.9	700	-120	885	11.0	01310630-0200-0450	550	5	647.2	8.5	01320630-0200-0450
630	200	500	0.9	700	-141	910	11.4	01310630-0200-0500	550	-8	664.8	8.8	01320630-0200-0500
630	200	550	0.9	700	-163	935	11.9	01310630-0200-0550	550	-20	682.4	9.2	01320630-0200-0550
630	200	600	0.9	700	-185	961	12.4	01310630-0200-0600	550	-33	700	9.6	01320630-0200-0600
630	225	450	0.9	850	-45	965	13.4	01310630-0225-0450	600	30	669.9	9.4	01320630-0225-0450
630	225	500	0.9	850	-66	990	13.9	01310630-0225-0500	600	18	687.5	9.8	01320630-0225-0500
630	225	550	0.9	850	-88	1015	14.5	01310630-0225-0550	600	5	705.1	10.2	01320630-0225-0550
630	225	600	0.9	850	-110	1040	15.0	01310630-0225-0600	600	-8	722.7	10.6	01320630-0225-0600
630	250	450	0.9	850	-45	957	13.7	01310630-0250-0450	600	30	657.4	9.6	01320630-0250-0450
630	250	500	0.9	850	-66	982	14.3	01310630-0250-0500	600	18	675	10.0	01320630-0250-0500
630	250	550	0.9	850	-88	1008	14.8	01310630-0250-0550	600	5	692.6	10.4	01320630-0250-0550
630	250	600	0.9	850	-110	1033	15.4	01310630-0250-0600	600	-8	710.2	10.8	01320630-0250-0600
630	275	450	0.9	850	-45	950	14.0	01310630-0275-0450	700	80	715.3	11.3	01320630-0275-0450
630	275	500	0.9	850	-66	975	14.6	01310630-0275-0500	700	68	732.9	11.7	01320630-0275-0500
630	275	550	0.9	850	-88	1000	15.2	01310630-0275-0550	700	55	750.5	12.2	01320630-0275-0550
630	275	600	0.9	850	-110	1025	15.7	01310630-0275-0600	700	43	768.1	12.7	01320630-0275-0600
630	300	450	0.9	950	5	1000	15.8	01310630-0300-0450	700	80	702.8	11.5	01320630-0300-0450
630	300	500	0.9	950	-16	1025	16.4	01310630-0300-0500	700	68	720.4	12.0	01320630-0300-0500
630	300	550	0.9	950	-38	1051	17.1	01310630-0300-0550	700	55	738	12.4	01320630-0300-0550
630	300	600	0.9	950	-60	1076	17.7	01310630-0300-0600	700	43	755.6	12.9	01320630-0300-0600
630	315	450	0.9	1050	55	1054	17.5	01310630-0315-0450	700	80	695.3	11.6	01320630-0315-0450
630	315	500	0.9	1050	34	1079	18.2	01310630-0315-0500	700	68	712.9	12.1	01320630-0315-0500
630	315	550	0.9	1050	12	1104	18.9	01310630-0315-0550	700	55	730.5	12.5	01320630-0315-0550
630	315	600	0.9	1050	-10	1130	19.6	01310630-0315-0600	700	43	748.1	13.0	01320630-0315-0600
630	350	450	0.9	1150	105	1101	19.5	01310630-0350-0450	800	130	748.2	13.4	01320630-0350-0450
630	350	500	0.9	1150	84	1127	20.2	01310630-0350-0500	800	118	765.8	14.0	01320630-0350-0500
630	350	550	0.9	1150	62	1152	21.0	01310630-0350-0550	800	105	783.5	14.5	01320630-0350-0550
630	350	600	0.9	1150	40	1177	21.8	01310630-0350-0600	800	93	801.1	15.0	01320630-0350-0600
630	400	450	0.9	1350	205	1203	23.3	01310630-0400-0450	900	180	793.7	15.5	01320630-0400-0450
630	400	500	0.9	1350	184	1228	24.2	01310630-0400-0500	900	168	811.3	16.1	01320630-0400-0500
630	400	550	0.9	1350	162	1253	25.1	01310630-0400-0550	900	155	828.9	16.7	01320630-0400-0550
630	400	600	0.9	1350	140	1279	26.0	01310630-0400-0600	900	143	846.5	17.3	01320630-0400-0600
630	450	450	0.9	1350	205	1188	24.0	01310630-0450-0450	1050	255	874.3	18.4	01320630-0450-0450
630	450	500	0.9	1350	184	1213	25.0	01310630-0450-0500	1050	243	891.9	19.1	01320630-0450-0500
630	450	550	0.9	1350	162	1238	25.9	01310630-0450-0550	1050	230	909.5	19.8	01320630-0450-0550
630	450	600	0.9	1350	140	1264	26.8	01310630-0450-0600	1050	218	927.1	20.5	01320630-0450-0600
630	500	450	0.9	1350	205	1173	24.8	01310630-0500-0450	1150	305	919.7	20.6	01320630-0500-0450
630	500	500	0.9	1350	184	1198	25.8	01310630-0500-0500	1150	293	937.3	21.3	01320630-0500-0500
630	500	550	0.9	1350	162	1223	26.7	01310630-0500-0550	1150	280	954.9	22.1	01320630-0500-0550
630	500	600	0.9	1350	140	1249	27.6	01310630-0500-0600	1150	268	972.5	22.9	01320630-0500-0600
630	550	500	0.9	1550	284	1299	30.0	01310630-0550-0500	1250	343	982.7	23.6	01320630-0550-0500
630	550	550	0.9	1550	262	1325	31.0	01310630-0550-0550	1250	330	1000	24.5	01320630-0550-0550
630	550	600	0.9	1550	240	1350	32.1	01310630-0550-0600	1250	318	1018	25.3	01320630-0550-0600
630	600	600	0.9	1750	340	1451	36.7	01310630-0600-0600	1250	318	993	25.8	01320630-0600-0600
650	80	450	0.9	450	-253	786	6.4	01310650-0080-0450	400	-75	608.6	5.6	01320650-0080-0450
650	80	500	0.9	450	-275	811	6.7	01310650-0080-0500	400	-88	626.2	5.8	01320650-0080-0500

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
650	80	550	0.9	450	-297	836	7.0	01310650-0080-0550	400	-100	643.8	6.1	01320650-0080-0550
650	80	600	0.9	450	-318	861	7.2	01310650-0080-0600	400	-113	661.4	6.3	01320650-0080-0600
650	80	630	0.9	450	-332	877	7.4	01310650-0080-0630	400	-120	672	6.5	01320650-0080-0630
650	100	450	0.9	450	-253	780	6.6	01310650-0100-0450	400	-75	598.6	5.8	01320650-0100-0450
650	100	500	0.9	450	-275	805	6.9	01310650-0100-0500	400	-88	616.2	6.0	01320650-0100-0500
650	100	550	0.9	450	-297	830	7.2	01310650-0100-0550	400	-100	633.8	6.2	01320650-0100-0550
650	100	600	0.9	450	-318	855	7.5	01310650-0100-0600	400	-113	651.4	6.5	01320650-0100-0600
650	100	630	0.9	450	-332	871	7.7	01310650-0100-0630	400	-120	662	6.6	01320650-0100-0630
650	120	450	0.9	500	-228	803	7.5	01310650-0120-0450	450	-50	623.8	6.6	01320650-0120-0450
650	120	500	0.9	500	-250	828	7.8	01310650-0120-0500	450	-63	641.4	6.9	01320650-0120-0500
650	120	550	0.9	500	-272	853	8.2	01310650-0120-0550	450	-75	659	7.1	01320650-0120-0550
650	120	600	0.9	500	-293	879	8.5	01310650-0120-0600	450	-88	676.6	7.4	01320650-0120-0600
650	120	630	0.9	500	-307	894	8.7	01310650-0120-0630	450	-95	687.2	7.6	01320650-0120-0630
650	125	450	0.9	550	-203	830	8.2	01310650-0125-0450	450	-50	621.3	6.6	01320650-0125-0450
650	125	500	0.9	550	-225	856	8.6	01310650-0125-0500	450	-63	638.9	6.9	01320650-0125-0500
650	125	550	0.9	550	-247	881	8.9	01310650-0125-0550	450	-75	656.5	7.2	01320650-0125-0550
650	125	600	0.9	550	-268	906	9.3	01310650-0125-0600	450	-88	674.1	7.5	01320650-0125-0600
650	125	630	0.9	550	-282	921	9.5	01310650-0125-0630	450	-95	684.7	7.6	01320650-0125-0630
650	140	450	0.9	550	-203	826	8.4	01310650-0140-0450	450	-50	613.8	6.7	01320650-0140-0450
650	140	500	0.9	550	-225	851	8.8	01310650-0140-0500	450	-63	631.4	7.0	01320650-0140-0500
650	140	550	0.9	550	-247	876	9.1	01310650-0140-0550	450	-75	649	7.3	01320650-0140-0550
650	140	600	0.9	550	-268	902	9.5	01310650-0140-0600	450	-88	666.6	7.6	01320650-0140-0600
650	140	630	0.9	550	-282	917	9.7	01310650-0140-0630	450	-95	677.2	7.8	01320650-0140-0630
650	150	450	0.9	550	-203	823	8.5	01310650-0150-0450	500	-25	644	7.5	01320650-0150-0450
650	150	500	0.9	550	-225	848	8.9	01310650-0150-0500	500	-38	661.6	7.8	01320650-0150-0500
650	150	550	0.9	550	-247	873	9.2	01310650-0150-0550	500	-50	679.2	8.1	01320650-0150-0550
650	150	600	0.9	550	-268	899	9.6	01310650-0150-0600	500	-63	696.8	8.5	01320650-0150-0600
650	150	630	0.9	550	-282	914	9.8	01310650-0150-0630	500	-70	707.4	8.7	01320650-0150-0630
650	160	450	0.9	650	-153	878	10.0	01310650-0160-0450	500	-25	639	7.6	01320650-0160-0450
650	160	500	0.9	650	-175	903	10.4	01310650-0160-0500	500	-38	656.6	7.9	01320650-0160-0500
650	160	550	0.9	650	-197	928	10.8	01310650-0160-0550	500	-50	674.2	8.2	01320650-0160-0550
650	160	600	0.9	650	-218	954	11.2	01310650-0160-0600	500	-63	691.8	8.6	01320650-0160-0600
650	160	630	0.9	650	-232	969	11.5	01310650-0160-0630	500	-70	702.4	8.7	01320650-0160-0630
650	180	450	0.9	650	-153	872	10.2	01310650-0180-0450	500	-25	629	7.8	01320650-0180-0450
650	180	500	0.9	650	-175	897	10.7	01310650-0180-0500	500	-38	646.6	8.1	01320650-0180-0500
650	180	550	0.9	650	-197	922	11.1	01310650-0180-0550	500	-50	664.2	8.4	01320650-0180-0550
650	180	600	0.9	650	-218	948	11.5	01310650-0180-0600	500	-63	681.8	8.7	01320650-0180-0600
650	180	630	0.9	650	-232	963	11.8	01310650-0180-0630	500	-70	692.4	8.9	01320650-0180-0630
650	200	450	0.9	700	-128	895	11.2	01310650-0200-0450	550	0	654.2	8.6	01320650-0200-0450
650	200	500	0.9	700	-150	920	11.6	01310650-0200-0500	550	-13	671.8	9.0	01320650-0200-0500
650	200	550	0.9	700	-172	946	12.1	01310650-0200-0550	550	-25	689.4	9.3	01320650-0200-0550
650	200	600	0.9	700	-193	971	12.6	01310650-0200-0600	550	-38	707	9.7	01320650-0200-0600
650	200	630	0.9	700	-207	986	12.8	01310650-0200-0630	550	-45	717.6	9.9	01320650-0200-0630
650	225	450	0.9	850	-53	975	13.6	01310650-0225-0450	600	25	676.9	9.6	01320650-0225-0450
650	225	500	0.9	850	-75	1000	14.1	01310650-0225-0500	600	13	694.5	9.9	01320650-0225-0500
650	225	550	0.9	850	-97	1025	14.7	01310650-0225-0550	600	0	712.1	10.3	01320650-0225-0550
650	225	600	0.9	850	-118	1050	15.3	01310650-0225-0600	600	-13	729.8	10.7	01320650-0225-0600
650	225	630	0.9	850	-132	1066	15.6	01310650-0225-0630	600	-20	740.3	11.0	01320650-0225-0630
650	250	450	0.9	850	-53	967	13.9	01310650-0250-0450	600	25	664.4	9.8	01320650-0250-0450
650	250	500	0.9	850	-75	992	14.5	01310650-0250-0500	600	13	682	10.2	01320650-0250-0500
650	250	550	0.9	850	-97	1018	15.1	01310650-0250-0550	600	0	699.6	10.6	01320650-0250-0550
650	250	600	0.9	850	-118	1043	15.6	01310650-0250-0600	600	-13	717.3	11.0	01320650-0250-0600
650	250	630	0.9	850	-132	1058	16.0	01310650-0250-0630	600	-20	727.8	11.2	01320650-0250-0630
650	275	450	0.9	850	-53	960	14.3	01310650-0275-0450	700	75	722.4	11.5	01320650-0275-0450
650	275	500	0.9	850	-75	985	14.8	01310650-0275-0500	700	63	740	11.9	01320650-0275-0500
650	275	550	0.9	850	-97	1010	15.4	01310650-0275-0550	700	50	757.6	12.4	01320650-0275-0550
650	275	600	0.9	850	-118	1035	16.0	01310650-0275-0600	700	38	775.2	12.8	01320650-0275-0600
650	275	630	0.9	850	-132	1051	16.3	01310650-0275-0630	700	30	785.7	13.1	01320650-0275-0630
650	300	450	0.9	950	-3	1010	16.0	01310650-0300-0450	700	75	709.9	11.7	01320650-0300-0450
650	300	500	0.9	950	-25	1036	16.7	01310650-0300-0500	700	63	727.5	12.1	01320650-0300-0500
650	300	550	0.9	950	-47	1061	17.3	01310650-0300-0550	700	50	745.1	12.6	01320650-0300-0550
650	300	600	0.9	950	-68	1086	18.0	01310650-0300-0600	700	38	762.7	13.1	01320650-0300-0600

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
650	300	630	0.9	950	-82	1101	18.3	01310650-0300-0630	700	30	773.2	13.4	01320650-0300-0630
650	315	450	0.9	1050	47	1064	17.7	01310650-0315-0450	700	75	702.4	11.8	01320650-0315-0450
650	315	500	0.9	1050	25	1089	18.4	01310650-0315-0500	700	63	720	12.3	01320650-0315-0500
650	315	550	0.9	1050	3	1114	19.1	01310650-0315-0550	700	50	737.6	12.7	01320650-0315-0550
650	315	600	0.9	1050	-18	1140	19.8	01310650-0315-0600	700	38	755.2	13.2	01320650-0315-0600
650	315	630	0.9	1050	-32	1155	20.3	01310650-0315-0630	700	30	765.7	13.5	01320650-0315-0630
650	350	450	0.9	1150	97	1112	19.8	01310650-0350-0450	800	125	755.3	13.7	01320650-0350-0450
650	350	500	0.9	1150	75	1137	20.5	01310650-0350-0500	800	113	772.9	14.2	01320650-0350-0500
650	350	550	0.9	1150	53	1162	21.3	01310650-0350-0550	800	100	790.5	14.7	01320650-0350-0550
650	350	600	0.9	1150	32	1187	22.1	01310650-0350-0600	800	88	808.1	15.3	01320650-0350-0600
650	350	630	0.9	1150	18	1203	22.5	01310650-0350-0630	800	80	818.7	15.6	01320650-0350-0630
650	400	450	0.9	1350	197	1213	23.6	01310650-0400-0450	900	175	800.7	15.7	01320650-0400-0450
650	400	500	0.9	1350	175	1238	24.5	01310650-0400-0500	900	163	818.3	16.3	01320650-0400-0500
650	400	550	0.9	1350	153	1263	25.4	01310650-0400-0550	900	150	835.9	16.9	01320650-0400-0550
650	400	600	0.9	1350	132	1289	26.3	01310650-0400-0600	900	138	853.5	17.5	01320650-0400-0600
650	400	630	0.9	1350	118	1304	26.8	01310650-0400-0630	900	130	864.1	17.9	01320650-0400-0630
650	450	450	0.9	1350	197	1198	24.4	01310650-0450-0450	1050	250	881.3	18.7	01320650-0450-0450
650	450	500	0.9	1350	175	1223	25.3	01310650-0450-0500	1050	238	898.9	19.4	01320650-0450-0500
650	450	550	0.9	1350	153	1248	26.2	01310650-0450-0550	1050	225	916.5	20.1	01320650-0450-0550
650	450	600	0.9	1350	132	1274	27.2	01310650-0450-0600	1050	213	934.2	20.8	01320650-0450-0600
650	450	630	0.9	1350	118	1289	27.7	01310650-0450-0630	1050	205	944.7	21.2	01320650-0450-0630
650	500	450	0.9	1350	197	1183	25.2	01310650-0500-0450	1150	300	926.8	20.9	01320650-0500-0450
650	500	500	0.9	1350	175	1208	26.1	01310650-0500-0500	1150	288	944.4	21.6	01320650-0500-0500
650	500	550	0.9	1350	153	1233	27.1	01310650-0500-0550	1150	275	962	22.4	01320650-0500-0550
650	500	600	0.9	1350	132	1259	28.0	01310650-0500-0600	1150	263	979.6	23.2	01320650-0500-0600
650	500	630	0.9	1350	118	1274	28.6	01310650-0500-0630	1150	255	990.1	23.6	01320650-0500-0630
650	550	450	0.9	1550	297	1284	29.3	01310650-0550-0450	1250	350	972.2	23.1	01320650-0550-0450
650	550	500	0.9	1550	275	1309	30.4	01310650-0550-0500	1250	338	989.8	24.0	01320650-0550-0500
650	550	550	0.9	1550	253	1335	31.5	01310650-0550-0550	1250	325	1007	24.8	01320650-0550-0550
650	550	600	0.9	1550	232	1360	32.5	01310650-0550-0600	1250	313	1025	25.6	01320650-0550-0600
650	550	630	0.9	1550	218	1375	33.2	01310650-0550-0630	1250	305	1036	26.1	01320650-0550-0630
650	600	550	0.9	1750	353	1436	36.0	01310650-0600-0550	1250	325	982.4	25.3	01320650-0600-0550
650	600	600	0.9	1750	332	1461	37.2	01310650-0600-0600	1250	313	1000	26.2	01320650-0600-0600
650	600	630	0.9	1750	318	1476	37.9	01310650-0600-0630	1250	305	1011	26.7	01320650-0600-0630
650	630	630	0.9	1750	318	1467	38.5	01310650-0630-0630	1250	305	995.6	27.0	01320650-0630-0630
700	80	500	0.9	450	-297	836	7.0	01310700-0080-0500	400	-100	643.8	6.1	01320700-0080-0500
700	80	550	0.9	450	-318	861	7.2	01310700-0080-0550	400	-113	661.4	6.3	01320700-0080-0550
700	80	600	0.9	450	-340	887	7.5	01310700-0080-0600	400	-125	679	6.6	01320700-0080-0600
700	80	630	0.9	450	-353	902	7.7	01310700-0080-0630	400	-133	689.6	6.7	01320700-0080-0630
700	80	650	0.9	450	-362	912	7.8	01310700-0080-0650	400	-138	696.6	6.8	01320700-0080-0650
700	100	500	0.9	450	-297	830	7.2	01310700-0100-0500	400	-100	633.8	6.2	01320700-0100-0500
700	100	550	0.9	450	-318	855	7.5	01310700-0100-0550	400	-113	651.4	6.5	01320700-0100-0550
700	100	600	0.9	450	-340	881	7.8	01310700-0100-0600	400	-125	669	6.7	01320700-0100-0600
700	100	630	0.9	450	-353	896	7.9	01310700-0100-0630	400	-133	679.6	6.9	01320700-0100-0630
700	100	650	0.9	450	-362	906	8.1	01310700-0100-0650	400	-138	686.6	7.0	01320700-0100-0650
700	120	500	0.9	500	-272	853	8.2	01310700-0120-0500	450	-75	659	7.1	01320700-0120-0500
700	120	550	0.9	500	-293	879	8.5	01310700-0120-0550	450	-88	676.6	7.4	01320700-0120-0550
700	120	600	0.9	500	-315	904	8.8	01310700-0120-0600	450	-100	694.2	7.7	01320700-0120-0600
700	120	630	0.9	500	-328	919	9.0	01310700-0120-0630	450	-108	704.8	7.9	01320700-0120-0630
700	120	650	0.9	500	-337	929	9.1	01310700-0120-0650	450	-113	711.8	8.0	01320700-0120-0650
700	125	500	0.9	550	-247	881	8.9	01310700-0125-0500	450	-75	656.5	7.2	01320700-0125-0500
700	125	550	0.9	550	-268	906	9.3	01310700-0125-0550	450	-88	674.1	7.5	01320700-0125-0550
700	125	600	0.9	550	-290	931	9.6	01310700-0125-0600	450	-100	691.7	7.8	01320700-0125-0600
700	125	630	0.9	550	-303	947	9.8	01310700-0125-0630	450	-108	702.3	7.9	01320700-0125-0630
700	125	650	0.9	550	-312	957	10.0	01310700-0125-0650	450	-113	709.3	8.0	01320700-0125-0650
700	140	500	0.9	550	-247	876	9.1	01310700-0140-0500	450	-75	649	7.3	01320700-0140-0500
700	140	550	0.9	550	-268	902	9.5	01310700-0140-0550	450	-88	666.6	7.6	01320700-0140-0550
700	140	600	0.9	550	-290	927	9.8	01310700-0140-0600	450	-100	684.2	7.9	01320700-0140-0600
700	140	630	0.9	550	-303	942	10.0	01310700-0140-0630	450	-108	694.8	8.1	01320700-0140-0630
700	140	650	0.9	550	-312	952	10.2	01310700-0140-0650	450	-113	701.8	8.2	01320700-0140-0650
700	150	500	0.9	550	-247	873	9.2	01310700-0150-0500	500	-50	679.2	8.1	01320700-0150-0500
700	150	550	0.9	550	-268	899	9.6	01310700-0150-0550	500	-63	696.8	8.5	01320700-0150-0550

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
700	150	600	0.9	550	-290	924	10.0	01310700-0150-0600	500	-75	714.4	8.8	01320700-0150-0600
700	150	630	0.9	550	-303	939	10.2	01310700-0150-0630	500	-83	725	9.0	01320700-0150-0630
700	150	650	0.9	550	-312	949	10.3	01310700-0150-0650	500	-88	732	9.1	01320700-0150-0650
700	160	500	0.9	650	-197	928	10.8	01310700-0160-0500	500	-50	674.2	8.2	01320700-0160-0500
700	160	550	0.9	650	-218	954	11.2	01310700-0160-0550	500	-63	691.8	8.6	01320700-0160-0550
700	160	600	0.9	650	-240	979	11.7	01310700-0160-0600	500	-75	709.4	8.9	01320700-0160-0600
700	160	630	0.9	650	-253	994	11.9	01310700-0160-0630	500	-83	720	9.1	01320700-0160-0630
700	160	650	0.9	650	-262	1004	12.1	01310700-0160-0650	500	-88	727	9.2	01320700-0160-0650
700	180	500	0.9	650	-197	922	11.1	01310700-0180-0500	500	-50	664.2	8.4	01320700-0180-0500
700	180	550	0.9	650	-218	948	11.5	01310700-0180-0550	500	-63	681.8	8.7	01320700-0180-0550
700	180	600	0.9	650	-240	973	11.9	01310700-0180-0600	500	-75	699.4	9.1	01320700-0180-0600
700	180	630	0.9	650	-253	988	12.2	01310700-0180-0630	500	-83	710	9.3	01320700-0180-0630
700	180	650	0.9	650	-262	998	12.4	01310700-0180-0650	500	-88	717	9.4	01320700-0180-0650
700	200	500	0.9	700	-172	946	12.1	01310700-0200-0500	550	-25	689.4	9.3	01320700-0200-0500
700	200	550	0.9	700	-193	971	12.6	01310700-0200-0550	550	-38	707	9.7	01320700-0200-0550
700	200	600	0.9	700	-215	996	13.0	01310700-0200-0600	550	-50	724.6	10.1	01320700-0200-0600
700	200	630	0.9	700	-228	1011	13.3	01310700-0200-0630	550	-58	735.2	10.3	01320700-0200-0630
700	200	650	0.9	700	-237	1021	13.5	01310700-0200-0650	550	-63	742.3	10.4	01320700-0200-0650
700	225	500	0.9	850	-97	1025	14.7	01310700-0225-0500	600	0	712.1	10.3	01320700-0225-0500
700	225	550	0.9	850	-118	1050	15.3	01310700-0225-0550	600	-13	729.8	10.7	01320700-0225-0550
700	225	600	0.9	850	-140	1076	15.8	01310700-0225-0600	600	-25	747.4	11.1	01320700-0225-0600
700	225	630	0.9	850	-153	1091	16.1	01310700-0225-0630	600	-33	757.9	11.4	01320700-0225-0630
700	225	650	0.9	850	-162	1101	16.4	01310700-0225-0650	600	-38	765	11.5	01320700-0225-0650
700	250	500	0.9	850	-97	1018	15.1	01310700-0250-0500	600	0	699.6	10.6	01320700-0250-0500
700	250	550	0.9	850	-118	1043	15.6	01310700-0250-0550	600	-13	717.3	11.0	01320700-0250-0550
700	250	600	0.9	850	-140	1068	16.2	01310700-0250-0600	600	-25	734.9	11.4	01320700-0250-0600
700	250	630	0.9	850	-153	1083	16.5	01310700-0250-0630	600	-33	745.4	11.6	01320700-0250-0630
700	250	650	0.9	850	-162	1094	16.7	01310700-0250-0650	600	-38	752.5	11.8	01320700-0250-0650
700	275	500	0.9	850	-97	1010	15.4	01310700-0275-0500	700	50	757.6	12.4	01320700-0275-0500
700	275	550	0.9	850	-118	1035	16.0	01310700-0275-0550	700	38	775.2	12.8	01320700-0275-0550
700	275	600	0.9	850	-140	1061	16.5	01310700-0275-0600	700	25	792.8	13.3	01320700-0275-0600
700	275	630	0.9	850	-153	1076	16.9	01310700-0275-0630	700	18	803.3	13.6	01320700-0275-0630
700	275	650	0.9	850	-162	1086	17.1	01310700-0275-0650	700	13	810.4	13.8	01320700-0275-0650
700	300	500	0.9	950	-47	1061	17.3	01310700-0300-0500	700	50	745.1	12.6	01320700-0300-0500
700	300	550	0.9	950	-68	1086	18.0	01310700-0300-0550	700	38	762.7	13.1	01320700-0300-0550
700	300	600	0.9	950	-90	1111	18.6	01310700-0300-0600	700	25	780.3	13.5	01320700-0300-0600
700	300	630	0.9	950	-103	1127	19.0	01310700-0300-0630	700	18	790.8	13.8	01320700-0300-0630
700	300	650	0.9	950	-112	1137	19.2	01310700-0300-0650	700	13	797.9	14.0	01320700-0300-0650
700	315	500	0.9	1050	3	1114	19.1	01310700-0315-0500	700	50	737.6	12.7	01320700-0315-0500
700	315	550	0.9	1050	-18	1140	19.8	01310700-0315-0550	700	38	755.2	13.2	01320700-0315-0550
700	315	600	0.9	1050	-40	1165	20.5	01310700-0315-0600	700	25	772.8	13.7	01320700-0315-0600
700	315	630	0.9	1050	-53	1180	21.0	01310700-0315-0630	700	18	783.3	14.0	01320700-0315-0630
700	315	650	0.9	1050	-62	1190	21.2	01310700-0315-0650	700	13	790.4	14.1	01320700-0315-0650
700	350	500	0.9	1150	53	1162	21.3	01310700-0350-0500	800	100	790.5	14.7	01320700-0350-0500
700	350	550	0.9	1150	32	1187	22.1	01310700-0350-0550	800	88	808.1	15.3	01320700-0350-0550
700	350	600	0.9	1150	10	1213	22.8	01310700-0350-0600	800	75	825.7	15.8	01320700-0350-0600
700	350	630	0.9	1150	-3	1228	23.3	01310700-0350-0630	800	68	836.3	16.1	01320700-0350-0630
700	350	650	0.9	1150	-12	1238	23.6	01310700-0350-0650	800	63	843.3	16.3	01320700-0350-0650
700	400	500	0.9	1350	153	1263	25.4	01310700-0400-0500	900	150	835.9	16.9	01320700-0400-0500
700	400	550	0.9	1350	132	1289	26.3	01310700-0400-0550	900	138	853.5	17.5	01320700-0400-0550
700	400	600	0.9	1350	110	1314	27.2	01310700-0400-0600	900	125	871.1	18.1	01320700-0400-0600
700	400	630	0.9	1350	97	1329	27.7	01310700-0400-0630	900	118	881.7	18.5	01320700-0400-0630
700	400	650	0.9	1350	88	1339	28.1	01310700-0400-0650	900	113	888.7	18.7	01320700-0400-0650
700	450	500	0.9	1350	153	1248	26.2	01310700-0450-0500	1050	225	916.5	20.1	01320700-0450-0500
700	450	550	0.9	1350	132	1274	27.2	01310700-0450-0550	1050	213	934.2	20.8	01320700-0450-0550
700	450	600	0.9	1350	110	1299	28.1	01310700-0450-0600	1050	200	951.8	21.5	01320700-0450-0600
700	450	630	0.9	1350	97	1314	28.6	01310700-0450-0630	1050	193	962.3	21.9	01320700-0450-0630
700	450	650	0.9	1350	88	1324	29.0	01310700-0450-0650	1050	188	969.4	22.2	01320700-0450-0650
700	500	500	0.9	1350	153	1233	27.1	01310700-0500-0500	1150	275	962	22.4	01320700-0500-0500
700	500	550	0.9	1350	132	1259	28.0	01310700-0500-0550	1150	263	979.6	23.2	01320700-0500-0550
700	500	600	0.9	1350	110	1284	28.9	01310700-0500-0600	1150	250	997.2	23.9	01320700-0500-0600
700	500	630	0.9	1350	97	1299	29.5	01310700-0500-0630	1150	243	1008	24.4	01320700-0500-0630

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
700	500	650	0.9	1350	88	1309	29.9	01310700-0500-0650	1150	238	1015	24.7	01320700-0500-0650
700	550	500	0.9	1550	253	1335	31.5	01310700-0550-0500	1250	325	1007	24.8	01320700-0550-0500
700	550	550	0.9	1550	232	1360	32.5	01310700-0550-0550	1250	313	1025	25.6	01320700-0550-0550
700	550	600	0.9	1550	210	1385	33.6	01310700-0550-0600	1250	300	1043	26.5	01320700-0550-0600
700	550	630	0.9	1550	197	1400	34.2	01310700-0550-0630	1250	293	1053	27.0	01320700-0550-0630
700	550	650	0.9	1550	188	1411	34.7	01310700-0550-0650	1250	288	1060	27.3	01320700-0550-0650
700	600	500	0.9	1750	353	1436	36.0	01310700-0600-0500	1250	325	982.4	25.3	01320700-0600-0500
700	600	550	0.9	1750	332	1461	37.2	01310700-0600-0550	1250	313	1000	26.2	01320700-0600-0550
700	600	600	0.9	1750	310	1487	38.4	01310700-0600-0600	1250	300	1018	27.0	01320700-0600-0600
700	600	630	0.9	1750	297	1502	39.1	01310700-0600-0630	1250	293	1028	27.5	01320700-0600-0630
700	600	650	0.9	1750	288	1512	39.6	01310700-0600-0650	1250	288	1035	27.9	01320700-0600-0650
700	630	600	0.9	1750	310	1478	39.0	01310700-0630-0600	1250	300	1003	27.3	01320700-0630-0600
700	630	630	0.9	1750	297	1493	39.7	01310700-0630-0630	1250	293	1013	27.9	01320700-0630-0630
700	630	650	0.9	1750	288	1503	40.2	01310700-0630-0650	1250	288	1020	28.2	01320700-0630-0650
700	650	600	0.9	1750	310	1472	39.3	01310700-0650-0600	1250	300	992.6	27.5	01320700-0650-0600
700	650	630	0.9	1750	297	1487	40.1	01310700-0650-0630	1250	293	1003	28.1	01320700-0650-0630
700	650	650	0.9	1750	288	1497	40.6	01310700-0650-0650	1250	288	1010	28.4	01320700-0650-0650
750	80	550	0.9	450	-340	887	7.5	01310750-0080-0550	400	-125	679	6.6	01320750-0080-0550
750	80	600	0.9	450	-362	912	7.8	01310750-0080-0600	400	-138	696.6	6.8	01320750-0080-0600
750	80	630	0.9	450	-375	927	8.0	01310750-0080-0630	400	-145	707.2	6.9	01320750-0080-0630
750	80	650	0.9	450	-384	937	8.1	01310750-0080-0650	400	-150	714.2	7.0	01320750-0080-0650
750	80	700	0.9	450	-405	963	8.4	01310750-0080-0700	400	-163	731.8	7.3	01320750-0080-0700
750	100	550	0.9	450	-340	881	7.8	01310750-0100-0550	400	-125	669	6.7	01320750-0100-0550
750	100	600	0.9	450	-362	906	8.1	01310750-0100-0600	400	-138	686.6	7.0	01320750-0100-0600
750	100	630	0.9	450	-375	921	8.2	01310750-0100-0630	400	-145	697.2	7.1	01320750-0100-0630
750	100	650	0.9	450	-384	931	8.3	01310750-0100-0650	400	-150	704.2	7.2	01320750-0100-0650
750	100	700	0.9	450	-405	957	8.6	01310750-0100-0700	400	-163	721.8	7.5	01320750-0100-0700
750	120	550	0.9	500	-315	904	8.8	01310750-0120-0550	450	-100	694.2	7.7	01320750-0120-0550
750	120	600	0.9	500	-337	929	9.1	01310750-0120-0600	450	-113	711.8	8.0	01320750-0120-0600
750	120	630	0.9	500	-350	944	9.3	01310750-0120-0630	450	-120	722.4	8.2	01320750-0120-0630
750	120	650	0.9	500	-359	954	9.4	01310750-0120-0650	450	-125	729.4	8.3	01320750-0120-0650
750	120	700	0.9	500	-380	980	9.8	01310750-0120-0700	450	-138	747	8.5	01320750-0120-0700
750	125	550	0.9	550	-290	931	9.6	01310750-0125-0550	450	-100	691.7	7.8	01320750-0125-0550
750	125	600	0.9	550	-312	957	10.0	01310750-0125-0600	450	-113	709.3	8.0	01320750-0125-0600
750	125	630	0.9	550	-325	972	10.2	01310750-0125-0630	450	-120	719.9	8.2	01320750-0125-0630
750	125	650	0.9	550	-334	982	10.3	01310750-0125-0650	450	-125	726.9	8.3	01320750-0125-0650
750	125	700	0.9	550	-355	1007	10.7	01310750-0125-0700	450	-138	744.5	8.6	01320750-0125-0700
750	140	550	0.9	550	-290	927	9.8	01310750-0140-0550	450	-100	684.2	7.9	01320750-0140-0550
750	140	600	0.9	550	-312	952	10.2	01310750-0140-0600	450	-113	701.8	8.2	01320750-0140-0600
750	140	630	0.9	550	-325	967	10.4	01310750-0140-0630	450	-120	712.4	8.3	01320750-0140-0630
750	140	650	0.9	550	-334	977	10.5	01310750-0140-0650	450	-125	719.4	8.5	01320750-0140-0650
750	140	700	0.9	550	-355	1003	10.9	01310750-0140-0700	450	-138	737	8.7	01320750-0140-0700
750	150	550	0.9	550	-290	924	10.0	01310750-0150-0550	500	-75	714.4	8.8	01320750-0150-0550
750	150	600	0.9	550	-312	949	10.3	01310750-0150-0600	500	-88	732	9.1	01320750-0150-0600
750	150	630	0.9	550	-325	964	10.5	01310750-0150-0630	500	-95	742.6	9.3	01320750-0150-0630
750	150	650	0.9	550	-334	974	10.7	01310750-0150-0650	500	-100	749.6	9.4	01320750-0150-0650
750	150	700	0.9	550	-355	1000	11.0	01310750-0150-0700	500	-113	767.3	9.7	01320750-0150-0700
750	160	550	0.9	650	-240	979	11.7	01310750-0160-0550	500	-75	709.4	8.9	01320750-0160-0550
750	160	600	0.9	650	-262	1004	12.1	01310750-0160-0600	500	-88	727	9.2	01320750-0160-0600
750	160	630	0.9	650	-275	1019	12.3	01310750-0160-0630	500	-95	737.6	9.4	01320750-0160-0630
750	160	650	0.9	650	-284	1030	12.5	01310750-0160-0650	500	-100	744.6	9.5	01320750-0160-0650
750	160	700	0.9	650	-305	1055	12.9	01310750-0160-0700	500	-113	762.3	9.8	01320750-0160-0700
750	180	550	0.9	650	-240	973	11.9	01310750-0180-0550	500	-75	699.4	9.1	01320750-0180-0550
750	180	600	0.9	650	-262	998	12.4	01310750-0180-0600	500	-88	717	9.4	01320750-0180-0600
750	180	630	0.9	650	-275	1013	12.6	01310750-0180-0630	500	-95	727.6	9.6	01320750-0180-0630
750	180	650	0.9	650	-284	1024	12.8	01310750-0180-0650	500	-100	734.6	9.7	01320750-0180-0650
750	180	700	0.9	650	-305	1049	13.2	01310750-0180-0700	500	-113	752.3	10.0	01320750-0180-0700
750	200	550	0.9	700	-215	996	13.0	01310750-0200-0550	550	-50	724.6	10.1	01320750-0200-0550
750	200	600	0.9	700	-237	1021	13.5	01310750-0200-0600	550	-63	742.3	10.4	01320750-0200-0600
750	200	630	0.9	700	-250	1037	13.8	01310750-0200-0630	550	-70	752.8	10.6	01320750-0200-0630
750	200	650	0.9	700	-259	1047	13.9	01310750-0200-0650	550	-75	759.9	10.8	01320750-0200-0650
750	200	700	0.9	700	-280	1072	14.4	01310750-0200-0700	550	-88	777.5	11.1	01320750-0200-0700

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
750	225	550	0.9	850	-140	1076	15.8	01310750-0225-0550	600	-25	747.4	11.1	01320750-0225-0550
750	225	600	0.9	850	-162	1101	16.4	01310750-0225-0600	600	-38	765	11.5	01320750-0225-0600
750	225	630	0.9	850	-175	1116	16.7	01310750-0225-0630	600	-45	775.5	11.7	01320750-0225-0630
750	225	650	0.9	850	-184	1126	16.9	01310750-0225-0650	600	-50	782.6	11.9	01320750-0225-0650
750	225	700	0.9	850	-205	1152	17.5	01310750-0225-0700	600	-63	800.2	12.3	01320750-0225-0700
750	250	550	0.9	850	-140	1068	16.2	01310750-0250-0550	600	-25	734.9	11.4	01320750-0250-0550
750	250	600	0.9	850	-162	1094	16.7	01310750-0250-0600	600	-38	752.5	11.8	01320750-0250-0600
750	250	630	0.9	850	-175	1109	17.1	01310750-0250-0630	600	-45	763	12.0	01320750-0250-0630
750	250	650	0.9	850	-184	1119	17.3	01310750-0250-0650	600	-50	770.1	12.1	01320750-0250-0650
750	250	700	0.9	850	-205	1144	17.9	01310750-0250-0700	600	-63	787.7	12.5	01320750-0250-0700
750	275	550	0.9	850	-140	1061	16.5	01310750-0275-0550	700	25	792.8	13.3	01320750-0275-0550
750	275	600	0.9	850	-162	1086	17.1	01310750-0275-0600	700	13	810.4	13.8	01320750-0275-0600
750	275	630	0.9	850	-175	1101	17.5	01310750-0275-0630	700	5	821	14.0	01320750-0275-0630
750	275	650	0.9	850	-184	1111	17.7	01310750-0275-0650	700	0	828	14.2	01320750-0275-0650
750	275	700	0.9	850	-205	1137	18.3	01310750-0275-0700	700	-13	845.6	14.7	01320750-0275-0700
750	300	550	0.9	950	-90	1111	18.6	01310750-0300-0550	700	25	780.3	13.5	01320750-0300-0550
750	300	600	0.9	950	-112	1137	19.2	01310750-0300-0600	700	13	797.9	14.0	01320750-0300-0600
750	300	630	0.9	950	-125	1152	19.6	01310750-0300-0630	700	5	808.5	14.3	01320750-0300-0630
750	300	650	0.9	950	-134	1162	19.9	01310750-0300-0650	700	0	815.5	14.5	01320750-0300-0650
750	300	700	0.9	950	-155	1187	20.5	01310750-0300-0700	700	-13	833.1	14.9	01320750-0300-0700
750	315	550	0.9	1050	-40	1165	20.5	01310750-0315-0550	700	25	772.8	13.7	01320750-0315-0550
750	315	600	0.9	1050	-62	1190	21.2	01310750-0315-0600	700	13	790.4	14.1	01320750-0315-0600
750	315	630	0.9	1050	-75	1206	21.7	01310750-0315-0630	700	5	801	14.4	01320750-0315-0630
750	315	650	0.9	1050	-84	1216	21.9	01310750-0315-0650	700	0	808	14.6	01320750-0315-0650
750	315	700	0.9	1050	-105	1241	22.6	01310750-0315-0700	700	-13	825.6	15.1	01320750-0315-0700
750	350	550	0.9	1150	10	1213	22.8	01310750-0350-0550	800	75	825.7	15.8	01320750-0350-0550
750	350	600	0.9	1150	-12	1238	23.6	01310750-0350-0600	800	63	843.3	16.3	01320750-0350-0600
750	350	630	0.9	1150	-25	1253	24.1	01310750-0350-0630	800	55	853.9	16.6	01320750-0350-0630
750	350	650	0.9	1150	-34	1263	24.4	01310750-0350-0650	800	50	860.9	16.9	01320750-0350-0650
750	350	700	0.9	1150	-55	1289	25.1	01310750-0350-0700	800	38	878.5	17.4	01320750-0350-0700
750	400	550	0.9	1350	110	1314	27.2	01310750-0400-0550	900	125	871.1	18.1	01320750-0400-0550
750	400	600	0.9	1350	88	1339	28.1	01310750-0400-0600	900	113	888.7	18.7	01320750-0400-0600
750	400	630	0.9	1350	75	1354	28.6	01310750-0400-0630	900	105	899.3	19.1	01320750-0400-0630
750	400	650	0.9	1350	66	1365	29.0	01310750-0400-0650	900	100	906.3	19.3	01320750-0400-0650
750	400	700	0.9	1350	45	1390	29.9	01310750-0400-0700	900	88	923.9	19.9	01320750-0400-0700
750	450	550	0.9	1350	110	1299	28.1	01310750-0450-0550	1050	200	951.8	21.5	01320750-0450-0550
750	450	600	0.9	1350	88	1324	29.0	01310750-0450-0600	1050	188	969.4	22.2	01320750-0450-0600
750	450	630	0.9	1350	75	1339	29.5	01310750-0450-0630	1050	180	979.9	22.6	01320750-0450-0630
750	450	650	0.9	1350	66	1350	29.9	01310750-0450-0650	1050	175	987	22.9	01320750-0450-0650
750	450	700	0.9	1350	45	1375	30.8	01310750-0450-0700	1050	163	1005	23.6	01320750-0450-0700
750	500	550	0.9	1350	110	1284	28.9	01310750-0500-0550	1150	250	997.2	23.9	01320750-0500-0550
750	500	600	0.9	1350	88	1309	29.9	01310750-0500-0600	1150	238	1015	24.7	01320750-0500-0600
750	500	630	0.9	1350	75	1324	30.4	01310750-0500-0630	1150	230	1025	25.2	01320750-0500-0630
750	500	650	0.9	1350	66	1335	30.8	01310750-0500-0650	1150	225	1032	25.5	01320750-0500-0650
750	500	700	0.9	1350	45	1360	31.7	01310750-0500-0700	1150	213	1050	26.2	01320750-0500-0700
750	550	550	0.9	1550	210	1385	33.6	01310750-0550-0550	1250	300	1043	26.5	01320750-0550-0550
750	550	600	0.9	1550	188	1411	34.7	01310750-0550-0600	1250	288	1060	27.3	01320750-0550-0600
750	550	630	0.9	1550	175	1426	35.3	01310750-0550-0630	1250	280	1071	27.8	01320750-0550-0630
750	550	650	0.9	1550	166	1436	35.7	01310750-0550-0650	1250	275	1078	28.2	01320750-0550-0650
750	550	700	0.9	1550	145	1461	36.8	01310750-0550-0700	1250	263	1095	29.0	01320750-0550-0700
750	600	550	0.9	1750	310	1487	38.4	01310750-0600-0550	1250	300	1018	27.0	01320750-0600-0550
750	600	600	0.9	1750	288	1512	39.6	01310750-0600-0600	1250	288	1035	27.9	01320750-0600-0600
750	600	630	0.9	1750	275	1527	40.3	01310750-0600-0630	1250	280	1046	28.4	01320750-0600-0630
750	600	650	0.9	1750	266	1537	40.8	01310750-0600-0650	1250	275	1053	28.7	01320750-0600-0650
750	600	700	0.9	1750	245	1562	42.0	01310750-0600-0700	1250	263	1070	29.6	01320750-0600-0700
750	630	550	0.9	1750	310	1478	39.0	01310750-0630-0550	1250	300	1003	27.3	01320750-0630-0550
750	630	600	0.9	1750	288	1503	40.2	01310750-0630-0600	1250	288	1020	28.2	01320750-0630-0600
750	630	630	0.9	1750	275	1518	40.9	01310750-0630-0630	1250	280	1031	28.7	01320750-0630-0630
750	630	650	0.9	1750	266	1528	41.4	01310750-0630-0650	1250	275	1038	29.1	01320750-0630-0650
750	630	700	0.9	1750	245	1553	42.6	01310750-0630-0700	1250	263	1055	29.9	01320750-0630-0700
750	650	550	0.9	1750	310	1472	39.3	01310750-0650-0550	1250	300	992.6	27.5	01320750-0650-0550
750	650	600	0.9	1750	288	1497	40.6	01310750-0650-0600	1250	288	1010	28.4	01320750-0650-0600

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
750	650	630	0.9	1750	275	1512	41.3	01310750-0650-0630	1250	280	1021	28.9	01320750-0650-0630
750	650	650	0.9	1750	266	1522	41.8	01310750-0650-0650	1250	275	1028	29.3	01320750-0650-0650
750	650	700	0.9	1750	245	1547	43.0	01310750-0650-0700	1250	263	1045	30.1	01320750-0650-0700
750	700	650	0.9	1750	266	1507	42.7	01310750-0700-0650	1400	350	1108	33.2	01320750-0700-0650
750	700	700	0.9	1750	245	1532	44.0	01310750-0700-0700	1400	338	1126	34.1	01320750-0700-0700
800	80	600	0.9	450	-384	937	8.1	01310800-0080-0600	400	-150	714.2	7.0	01320800-0080-0600
800	80	630	0.9	450	-397	952	8.2	01310800-0080-0630	400	-158	724.8	7.2	01320800-0080-0630
800	80	650	0.9	450	-405	963	8.4	01310800-0080-0650	400	-163	731.8	7.3	01320800-0080-0650
800	80	700	0.9	450	-427	988	8.6	01310800-0080-0700	400	-175	749.4	7.5	01320800-0080-0700
800	80	750	0.9	450	-449	1013	8.9	01310800-0080-0750	400	-188	767	7.8	01320800-0080-0750
800	100	600	0.9	450	-384	931	8.3	01310800-0100-0600	400	-150	704.2	7.2	01320800-0100-0600
800	100	630	0.9	450	-397	946	8.5	01310800-0100-0630	400	-158	714.8	7.4	01320800-0100-0630
800	100	650	0.9	450	-405	957	8.6	01310800-0100-0650	400	-163	721.8	7.5	01320800-0100-0650
800	100	700	0.9	450	-427	982	8.9	01310800-0100-0700	400	-175	739.4	7.7	01320800-0100-0700
800	100	750	0.9	450	-449	1007	9.2	01310800-0100-0750	400	-188	757	8.0	01320800-0100-0750
800	120	600	0.9	500	-359	954	9.4	01310800-0120-0600	450	-125	729.4	8.3	01320800-0120-0600
800	120	630	0.9	500	-372	970	9.6	01310800-0120-0630	450	-133	740	8.4	01320800-0120-0630
800	120	650	0.9	500	-380	980	9.8	01310800-0120-0650	450	-138	747	8.5	01320800-0120-0650
800	120	700	0.9	500	-402	1005	10.1	01310800-0120-0700	450	-150	764.6	8.8	01320800-0120-0700
800	120	750	0.9	500	-424	1030	10.4	01310800-0120-0750	450	-163	782.3	9.1	01320800-0120-0750
800	125	600	0.9	550	-334	982	10.3	01310800-0125-0600	450	-125	726.9	8.3	01320800-0125-0600
800	125	630	0.9	550	-347	997	10.5	01310800-0125-0630	450	-133	737.5	8.5	01320800-0125-0630
800	125	650	0.9	550	-355	1007	10.7	01310800-0125-0650	450	-138	744.5	8.6	01320800-0125-0650
800	125	700	0.9	550	-377	1032	11.0	01310800-0125-0700	450	-150	762.1	8.9	01320800-0125-0700
800	125	750	0.9	550	-399	1058	11.4	01310800-0125-0750	450	-163	779.8	9.2	01320800-0125-0750
800	140	600	0.9	550	-334	977	10.5	01310800-0140-0600	450	-125	719.4	8.5	01320800-0140-0600
800	140	630	0.9	550	-347	993	10.8	01310800-0140-0630	450	-133	730	8.6	01320800-0140-0630
800	140	650	0.9	550	-355	1003	10.9	01310800-0140-0650	450	-138	737	8.7	01320800-0140-0650
800	140	700	0.9	550	-377	1028	11.3	01310800-0140-0700	450	-150	754.6	9.0	01320800-0140-0700
800	140	750	0.9	550	-399	1053	11.6	01310800-0140-0750	450	-163	772.3	9.3	01320800-0140-0750
800	150	600	0.9	550	-334	974	10.7	01310800-0150-0600	500	-100	749.6	9.4	01320800-0150-0600
800	150	630	0.9	550	-347	990	10.9	01310800-0150-0630	500	-108	760.2	9.6	01320800-0150-0630
800	150	650	0.9	550	-355	1000	11.0	01310800-0150-0650	500	-113	767.3	9.7	01320800-0150-0650
800	150	700	0.9	550	-377	1025	11.4	01310800-0150-0700	500	-125	784.9	10.0	01320800-0150-0700
800	150	750	0.9	550	-399	1050	11.8	01310800-0150-0750	500	-138	802.5	10.4	01320800-0150-0750
800	160	600	0.9	650	-284	1030	12.5	01310800-0160-0600	500	-100	744.6	9.5	01320800-0160-0600
800	160	630	0.9	650	-297	1045	12.8	01310800-0160-0630	500	-108	755.2	9.7	01320800-0160-0630
800	160	650	0.9	650	-305	1055	12.9	01310800-0160-0650	500	-113	762.3	9.8	01320800-0160-0650
800	160	700	0.9	650	-327	1080	13.4	01310800-0160-0700	500	-125	779.9	10.1	01320800-0160-0700
800	160	750	0.9	650	-349	1105	13.8	01310800-0160-0750	500	-138	797.5	10.5	01320800-0160-0750
800	180	600	0.9	650	-284	1024	12.8	01310800-0180-0600	500	-100	734.6	9.7	01320800-0180-0600
800	180	630	0.9	650	-297	1039	13.1	01310800-0180-0630	500	-108	745.2	9.9	01320800-0180-0630
800	180	650	0.9	650	-305	1049	13.2	01310800-0180-0650	500	-113	752.3	10.0	01320800-0180-0650
800	180	700	0.9	650	-327	1074	13.7	01310800-0180-0700	500	-125	769.9	10.4	01320800-0180-0700
800	180	750	0.9	650	-349	1099	14.1	01310800-0180-0750	500	-138	787.5	10.7	01320800-0180-0750
800	200	600	0.9	700	-259	1047	13.9	01310800-0200-0600	550	-75	759.9	10.8	01320800-0200-0600
800	200	630	0.9	700	-272	1062	14.2	01310800-0200-0630	550	-83	770.4	11.0	01320800-0200-0630
800	200	650	0.9	700	-280	1072	14.4	01310800-0200-0650	550	-88	777.5	11.1	01320800-0200-0650
800	200	700	0.9	700	-302	1097	14.9	01310800-0200-0700	550	-100	795.1	11.5	01320800-0200-0700
800	200	750	0.9	700	-324	1122	15.3	01310800-0200-0750	550	-113	812.7	11.8	01320800-0200-0750
800	225	600	0.9	850	-184	1126	16.9	01310800-0225-0600	600	-50	782.6	11.9	01320800-0225-0600
800	225	630	0.9	850	-197	1141	17.3	01310800-0225-0630	600	-58	793.1	12.1	01320800-0225-0630
800	225	650	0.9	850	-205	1152	17.5	01310800-0225-0650	600	-63	800.2	12.3	01320800-0225-0650
800	225	700	0.9	850	-227	1177	18.0	01310800-0225-0700	600	-75	817.8	12.7	01320800-0225-0700
800	225	750	0.9	850	-249	1202	18.6	01310800-0225-0750	600	-88	835.4	13.1	01320800-0225-0750
800	250	600	0.9	850	-184	1119	17.3	01310800-0250-0600	600	-50	770.1	12.1	01320800-0250-0600
800	250	630	0.9	850	-197	1134	17.7	01310800-0250-0630	600	-58	780.6	12.4	01320800-0250-0630
800	250	650	0.9	850	-205	1144	17.9	01310800-0250-0650	600	-63	787.7	12.5	01320800-0250-0650
800	250	700	0.9	850	-227	1169	18.4	01310800-0250-0700	600	-75	805.3	12.9	01320800-0250-0700
800	250	750	0.9	850	-249	1195	19.0	01310800-0250-0750	600	-88	822.9	13.3	01320800-0250-0750
800	275	600	0.9	850	-184	1111	17.7	01310800-0275-0600	700	0	828	14.2	01320800-0275-0600
800	275	630	0.9	850	-197	1126	18.0	01310800-0275-0630	700	-8	838.6	14.5	01320800-0275-0630

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
800	275	650	0.9	850	-205	1137	18.3	01310800-0275-0650	700	-13	845.6	14.7	01320800-0275-0650
800	275	700	0.9	850	-227	1162	18.8	01310800-0275-0700	700	-25	863.2	15.1	01320800-0275-0700
800	275	750	0.9	850	-249	1187	19.4	01310800-0275-0750	700	-38	880.8	15.6	01320800-0275-0750
800	300	600	0.9	950	-134	1162	19.9	01310800-0300-0600	700	0	815.5	14.5	01320800-0300-0600
800	300	630	0.9	950	-147	1177	20.3	01310800-0300-0630	700	-8	826.1	14.8	01320800-0300-0630
800	300	650	0.9	950	-155	1187	20.5	01310800-0300-0650	700	-13	833.1	14.9	01320800-0300-0650
800	300	700	0.9	950	-177	1213	21.2	01310800-0300-0700	700	-25	850.7	15.4	01320800-0300-0700
800	300	750	0.9	950	-199	1238	21.8	01310800-0300-0750	700	-38	868.3	15.9	01320800-0300-0750
800	315	600	0.9	1050	-84	1216	21.9	01310800-0315-0600	700	0	808	14.6	01320800-0315-0600
800	315	630	0.9	1050	-97	1231	22.4	01310800-0315-0630	700	-8	818.6	14.9	01320800-0315-0630
800	315	650	0.9	1050	-105	1241	22.6	01310800-0315-0650	700	-13	825.6	15.1	01320800-0315-0650
800	315	700	0.9	1050	-127	1266	23.3	01310800-0315-0700	700	-25	843.2	15.6	01320800-0315-0700
800	315	750	0.9	1050	-149	1291	24.0	01310800-0315-0750	700	-38	860.8	16.0	01320800-0315-0750
800	350	600	0.9	1150	-34	1263	24.4	01310800-0350-0600	800	50	860.9	16.9	01320800-0350-0600
800	350	630	0.9	1150	-47	1278	24.8	01310800-0350-0630	800	43	871.5	17.2	01320800-0350-0630
800	350	650	0.9	1150	-55	1289	25.1	01310800-0350-0650	800	38	878.5	17.4	01320800-0350-0650
800	350	700	0.9	1150	-77	1314	25.9	01310800-0350-0700	800	25	896.1	17.9	01320800-0350-0700
800	350	750	0.9	1150	-99	1339	26.7	01310800-0350-0750	800	13	913.7	18.5	01320800-0350-0750
800	400	600	0.9	1350	66	1365	29.0	01310800-0400-0600	900	100	906.3	19.3	01320800-0400-0600
800	400	630	0.9	1350	53	1380	29.5	01310800-0400-0630	900	93	916.9	19.7	01320800-0400-0630
800	400	650	0.9	1350	45	1390	29.9	01310800-0400-0650	900	88	923.9	19.9	01320800-0400-0650
800	400	700	0.9	1350	23	1415	30.8	01310800-0400-0700	900	75	941.5	20.5	01320800-0400-0700
800	400	750	0.9	1350	1	1440	31.7	01310800-0400-0750	900	63	959.2	21.1	01320800-0400-0750
800	450	600	0.9	1350	66	1350	29.9	01310800-0450-0600	1050	175	987	22.9	01320800-0450-0600
800	450	630	0.9	1350	53	1365	30.5	01310800-0450-0630	1050	168	997.5	23.3	01320800-0450-0630
800	450	650	0.9	1350	45	1375	30.8	01310800-0450-0650	1050	163	1005	23.6	01320800-0450-0650
800	450	700	0.9	1350	23	1400	31.7	01310800-0450-0700	1050	150	1022	24.3	01320800-0450-0700
800	450	750	0.9	1350	1	1425	32.7	01310800-0450-0750	1050	138	1040	25.0	01320800-0450-0750
800	500	600	0.9	1350	66	1335	30.8	01310800-0500-0600	1150	225	1032	25.5	01320800-0500-0600
800	500	630	0.9	1350	53	1350	31.4	01310800-0500-0630	1150	218	1043	25.9	01320800-0500-0630
800	500	650	0.9	1350	45	1360	31.7	01310800-0500-0650	1150	213	1050	26.2	01320800-0500-0650
800	500	700	0.9	1350	23	1385	32.7	01310800-0500-0700	1150	200	1068	27.0	01320800-0500-0700
800	500	750	0.9	1350	1	1410	33.6	01310800-0500-0750	1150	188	1085	27.8	01320800-0500-0750
800	550	600	0.9	1550	166	1436	35.7	01310800-0550-0600	1250	275	1078	28.2	01320800-0550-0600
800	550	630	0.9	1550	153	1451	36.4	01310800-0550-0630	1250	268	1088	28.7	01320800-0550-0630
800	550	650	0.9	1550	145	1461	36.8	01310800-0550-0650	1250	263	1095	29.0	01320800-0550-0650
800	550	700	0.9	1550	123	1486	37.8	01310800-0550-0700	1250	250	1113	29.8	01320800-0550-0700
800	550	750	0.9	1550	101	1512	38.9	01310800-0550-0750	1250	238	1131	30.7	01320800-0550-0750
800	600	600	0.9	1750	266	1537	40.8	01310800-0600-0600	1250	275	1053	28.7	01320800-0600-0600
800	600	630	0.9	1750	253	1552	41.5	01310800-0600-0630	1250	268	1063	29.2	01320800-0600-0630
800	600	650	0.9	1750	245	1562	42.0	01310800-0600-0650	1250	263	1070	29.6	01320800-0600-0650
800	600	700	0.9	1750	223	1588	43.2	01310800-0600-0700	1250	250	1088	30.4	01320800-0600-0700
800	600	750	0.9	1750	201	1613	44.4	01310800-0600-0750	1250	238	1106	31.3	01320800-0600-0750
800	630	600	0.9	1750	266	1528	41.4	01310800-0630-0600	1250	275	1038	29.1	01320800-0630-0600
800	630	630	0.9	1750	253	1543	42.1	01310800-0630-0630	1250	268	1048	29.6	01320800-0630-0630
800	630	650	0.9	1750	245	1553	42.6	01310800-0630-0650	1250	263	1055	29.9	01320800-0630-0650
800	630	700	0.9	1750	223	1579	43.8	01310800-0630-0700	1250	250	1073	30.8	01320800-0630-0700
800	630	750	0.9	1750	201	1604	45.0	01310800-0630-0750	1250	238	1091	31.6	01320800-0630-0750
800	650	600	0.9	1750	266	1522	41.8	01310800-0650-0600	1250	275	1028	29.3	01320800-0650-0600
800	650	630	0.9	1750	253	1537	42.5	01310800-0650-0630	1250	268	1038	29.8	01320800-0650-0630
800	650	650	0.9	1750	245	1547	43.0	01310800-0650-0650	1250	263	1045	30.1	01320800-0650-0650
800	650	700	0.9	1750	223	1573	44.2	01310800-0650-0700	1250	250	1063	31.0	01320800-0650-0700
800	650	750	0.9	1750	201	1598	45.4	01310800-0650-0750	1250	238	1081	31.9	01320800-0650-0750
800	700	600	0.9	1750	266	1507	42.7	01310800-0700-0600	1400	350	1108	33.2	01320800-0700-0600
800	700	630	0.9	1750	253	1522	43.5	01310800-0700-0630	1400	343	1119	33.8	01320800-0700-0630
800	700	650	0.9	1750	245	1532	44.0	01310800-0700-0650	1400	338	1126	34.1	01320800-0700-0650
800	700	700	0.9	1750	223	1558	45.2	01310800-0700-0700	1400	325	1144	35.1	01320800-0700-0700
800	700	750	0.9	1750	201	1583	46.4	01310800-0700-0750	1400	313	1161	36.1	01320800-0700-0750
800	750	700	0.9	1950	323	1659	50.8	01310800-0750-0700	1400	325	1119	35.7	01320800-0750-0700
800	750	750	0.9	1950	301	1684	52.2	01310800-0750-0750	1400	313	1136	36.6	01320800-0750-0750
850	80	650	0.9	450	-427	988	8.6	01310850-0080-0650	400	-175	749.4	7.5	01320850-0080-0650
850	80	700	0.9	450	-449	1013	8.9	01310850-0080-0700	400	-188	767	7.8	01320850-0080-0700

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
850	80	750	0.9	450	-471	1038	9.2	01310850-0080-0750	400	-200	784.6	8.0	01320850-0080-0750
850	80	800	0.9	450	-492	1064	9.5	01310850-0080-0800	400	-213	802.3	8.3	01320850-0080-0800
850	100	650	0.9	450	-427	982	8.9	01310850-0100-0650	400	-175	739.4	7.7	01320850-0100-0650
850	100	700	0.9	450	-449	1007	9.2	01310850-0100-0700	400	-188	757	8.0	01320850-0100-0700
850	100	750	0.9	450	-471	1032	9.5	01310850-0100-0750	400	-200	774.6	8.2	01320850-0100-0750
850	100	800	0.9	450	-492	1058	9.8	01310850-0100-0800	400	-213	792.3	8.5	01320850-0100-0800
850	120	650	0.9	500	-402	1005	10.1	01310850-0120-0650	450	-150	764.6	8.8	01320850-0120-0650
850	120	700	0.9	500	-424	1030	10.4	01310850-0120-0700	450	-163	782.3	9.1	01320850-0120-0700
850	120	750	0.9	500	-446	1055	10.7	01310850-0120-0750	450	-175	799.9	9.4	01320850-0120-0750
850	120	800	0.9	500	-467	1081	11.1	01310850-0120-0800	450	-188	817.5	9.7	01320850-0120-0800
850	125	650	0.9	550	-377	1032	11.0	01310850-0125-0650	450	-150	762.1	8.9	01320850-0125-0650
850	125	700	0.9	550	-399	1058	11.4	01310850-0125-0700	450	-163	779.8	9.2	01320850-0125-0700
850	125	750	0.9	550	-421	1083	11.7	01310850-0125-0750	450	-175	797.4	9.4	01320850-0125-0750
850	125	800	0.9	550	-442	1108	12.1	01310850-0125-0800	450	-188	815	9.7	01320850-0125-0800
850	140	650	0.9	550	-377	1028	11.3	01310850-0140-0650	450	-150	754.6	9.0	01320850-0140-0650
850	140	700	0.9	550	-399	1053	11.6	01310850-0140-0700	450	-163	772.3	9.3	01320850-0140-0700
850	140	750	0.9	550	-421	1079	12.0	01310850-0140-0750	450	-175	789.9	9.6	01320850-0140-0750
850	140	800	0.9	550	-442	1104	12.3	01310850-0140-0800	450	-188	807.5	9.9	01320850-0140-0800
850	150	650	0.9	550	-377	1025	11.4	01310850-0150-0650	500	-125	784.9	10.0	01320850-0150-0650
850	150	700	0.9	550	-399	1050	11.8	01310850-0150-0700	500	-138	802.5	10.4	01320850-0150-0700
850	150	750	0.9	550	-421	1076	12.1	01310850-0150-0750	500	-150	820.1	10.7	01320850-0150-0750
850	150	800	0.9	550	-442	1101	12.5	01310850-0150-0800	500	-163	837.7	11.0	01320850-0150-0800
850	160	650	0.9	650	-327	1080	13.4	01310850-0160-0650	500	-125	779.9	10.1	01320850-0160-0650
850	160	700	0.9	650	-349	1105	13.8	01310850-0160-0700	500	-138	797.5	10.5	01320850-0160-0700
850	160	750	0.9	650	-371	1131	14.2	01310850-0160-0750	500	-150	815.1	10.8	01320850-0160-0750
850	160	800	0.9	650	-392	1156	14.6	01310850-0160-0800	500	-163	832.7	11.1	01320850-0160-0800
850	180	650	0.9	650	-327	1074	13.7	01310850-0180-0650	500	-125	769.9	10.4	01320850-0180-0650
850	180	700	0.9	650	-349	1099	14.1	01310850-0180-0700	500	-138	787.5	10.7	01320850-0180-0700
850	180	750	0.9	650	-371	1125	14.5	01310850-0180-0750	500	-150	805.1	11.0	01320850-0180-0750
850	180	800	0.9	650	-392	1150	14.9	01310850-0180-0800	500	-163	822.7	11.3	01320850-0180-0800
850	200	650	0.9	700	-302	1097	14.9	01310850-0200-0650	550	-100	795.1	11.5	01320850-0200-0650
850	200	700	0.9	700	-324	1122	15.3	01310850-0200-0700	550	-113	812.7	11.8	01320850-0200-0700
850	200	750	0.9	700	-346	1148	15.8	01310850-0200-0750	550	-125	830.3	12.2	01320850-0200-0750
850	200	800	0.9	700	-367	1173	16.3	01310850-0200-0800	550	-138	847.9	12.6	01320850-0200-0800
850	225	650	0.9	850	-227	1177	18.0	01310850-0225-0650	600	-75	817.8	12.7	01320850-0225-0650
850	225	700	0.9	850	-249	1202	18.6	01310850-0225-0700	600	-88	835.4	13.1	01320850-0225-0700
850	225	750	0.9	850	-271	1227	19.1	01310850-0225-0750	600	-100	853	13.5	01320850-0225-0750
850	225	800	0.9	850	-292	1253	19.7	01310850-0225-0800	600	-113	870.6	13.9	01320850-0225-0800
850	250	650	0.9	850	-227	1169	18.4	01310850-0250-0650	600	-75	805.3	12.9	01320850-0250-0650
850	250	700	0.9	850	-249	1195	19.0	01310850-0250-0700	600	-88	822.9	13.3	01320850-0250-0700
850	250	750	0.9	850	-271	1220	19.6	01310850-0250-0750	600	-100	840.5	13.7	01320850-0250-0750
850	250	800	0.9	850	-292	1245	20.1	01310850-0250-0800	600	-113	858.1	14.1	01320850-0250-0800
850	275	650	0.9	850	-227	1162	18.8	01310850-0275-0650	700	-25	863.2	15.1	01320850-0275-0650
850	275	700	0.9	850	-249	1187	19.4	01310850-0275-0700	700	-38	880.8	15.6	01320850-0275-0700
850	275	750	0.9	850	-271	1212	20.0	01310850-0275-0750	700	-50	898.4	16.1	01320850-0275-0750
850	275	800	0.9	850	-292	1238	20.6	01310850-0275-0800	700	-63	916	16.5	01320850-0275-0800
850	300	650	0.9	950	-177	1213	21.2	01310850-0300-0650	700	-25	850.7	15.4	01320850-0300-0650
850	300	700	0.9	950	-199	1238	21.8	01310850-0300-0700	700	-38	868.3	15.9	01320850-0300-0700
850	300	750	0.9	950	-221	1263	22.4	01310850-0300-0750	700	-50	885.9	16.3	01320850-0300-0750
850	300	800	0.9	950	-242	1288	23.1	01310850-0300-0800	700	-63	903.5	16.8	01320850-0300-0800
850	315	650	0.9	1050	-127	1266	23.3	01310850-0315-0650	700	-25	843.2	15.6	01320850-0315-0650
850	315	700	0.9	1050	-149	1291	24.0	01310850-0315-0700	700	-38	860.8	16.0	01320850-0315-0700
850	315	750	0.9	1050	-171	1317	24.7	01310850-0315-0750	700	-50	878.4	16.5	01320850-0315-0750
850	315	800	0.9	1050	-192	1342	25.4	01310850-0315-0800	700	-63	896	17.0	01320850-0315-0800
850	350	650	0.9	1150	-77	1314	25.9	01310850-0350-0650	800	25	896.1	17.9	01320850-0350-0650
850	350	700	0.9	1150	-99	1339	26.7	01310850-0350-0700	800	13	913.7	18.5	01320850-0350-0700
850	350	750	0.9	1150	-121	1364	27.4	01310850-0350-0750	800	0	931.3	19.0	01320850-0350-0750
850	350	800	0.9	1150	-142	1390	28.2	01310850-0350-0800	800	-13	948.9	19.5	01320850-0350-0800
850	400	650	0.9	1350	23	1415	30.8	01310850-0400-0650	900	75	941.5	20.5	01320850-0400-0650
850	400	700	0.9	1350	1	1440	31.7	01310850-0400-0700	900	63	959.2	21.1	01320850-0400-0700
850	400	750	0.9	1350	-21	1466	32.6	01310850-0400-0750	900	50	976.8	21.7	01320850-0400-0750
850	400	800	0.9	1350	-42	1491	33.5	01310850-0400-0800	900	38	994.4	22.3	01320850-0400-0800

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
850	450	650	0.9	1350	23	1400	31.7	01310850-0450-0650	1050	150	1022	24.3	01320850-0450-0650
850	450	700	0.9	1350	1	1425	32.7	01310850-0450-0700	1050	138	1040	25.0	01320850-0450-0700
850	450	750	0.9	1350	-21	1451	33.6	01310850-0450-0750	1050	125	1057	25.6	01320850-0450-0750
850	450	800	0.9	1350	-42	1476	34.5	01310850-0450-0800	1050	113	1075	26.3	01320850-0450-0800
850	500	650	0.9	1350	23	1385	32.7	01310850-0500-0650	1150	200	1068	27.0	01320850-0500-0650
850	500	700	0.9	1350	1	1410	33.6	01310850-0500-0700	1150	188	1085	27.8	01320850-0500-0700
850	500	750	0.9	1350	-21	1436	34.5	01310850-0500-0750	1150	175	1103	28.5	01320850-0500-0750
850	500	800	0.9	1350	-42	1461	35.5	01310850-0500-0800	1150	163	1120	29.3	01320850-0500-0800
850	550	650	0.9	1550	123	1486	37.8	01310850-0550-0650	1250	250	1113	29.8	01320850-0550-0650
850	550	700	0.9	1550	101	1512	38.9	01310850-0550-0700	1250	238	1131	30.7	01320850-0550-0700
850	550	750	0.9	1550	79	1537	40.0	01310850-0550-0750	1250	225	1148	31.5	01320850-0550-0750
850	550	800	0.9	1550	58	1562	41.0	01310850-0550-0800	1250	213	1166	32.3	01320850-0550-0800
850	600	650	0.9	1750	223	1588	43.2	01310850-0600-0650	1250	250	1088	30.4	01320850-0600-0650
850	600	700	0.9	1750	201	1613	44.4	01310850-0600-0700	1250	238	1106	31.3	01320850-0600-0700
850	600	750	0.9	1750	179	1638	45.6	01310850-0600-0750	1250	225	1123	32.1	01320850-0600-0750
850	600	800	0.9	1750	158	1663	46.8	01310850-0600-0800	1250	213	1141	33.0	01320850-0600-0800
850	630	650	0.9	1750	223	1579	43.8	01310850-0630-0650	1250	250	1073	30.8	01320850-0630-0650
850	630	700	0.9	1750	201	1604	45.0	01310850-0630-0700	1250	238	1091	31.6	01320850-0630-0700
850	630	750	0.9	1750	179	1629	46.2	01310850-0630-0750	1250	225	1108	32.5	01320850-0630-0750
850	630	800	0.9	1750	158	1654	47.4	01310850-0630-0800	1250	213	1126	33.3	01320850-0630-0800
850	650	650	0.9	1750	223	1573	44.2	01310850-0650-0650	1250	250	1063	31.0	01320850-0650-0650
850	650	700	0.9	1750	201	1598	45.4	01310850-0650-0700	1250	238	1081	31.9	01320850-0650-0700
850	650	750	0.9	1750	179	1623	46.6	01310850-0650-0750	1250	225	1098	32.7	01320850-0650-0750
850	650	800	0.9	1750	158	1648	47.8	01310850-0650-0800	1250	213	1116	33.6	01320850-0650-0800
850	700	650	0.9	1750	223	1558	45.2	01310850-0700-0650	1400	325	1144	35.1	01320850-0700-0650
850	700	700	0.9	1750	201	1583	46.4	01310850-0700-0700	1400	313	1161	36.1	01320850-0700-0700
850	700	750	0.9	1750	179	1608	47.7	01310850-0700-0750	1400	300	1179	37.0	01320850-0700-0750
850	700	800	0.9	1750	158	1633	48.9	01310850-0700-0800	1400	288	1196	38.0	01320850-0700-0800
850	750	650	0.9	1950	323	1659	50.8	01310850-0750-0650	1400	325	1119	35.7	01320850-0750-0650
850	750	700	0.9	1950	301	1684	52.2	01310850-0750-0700	1400	313	1136	36.6	01320850-0750-0700
850	750	750	0.9	1950	279	1709	53.5	01310850-0750-0750	1400	300	1154	37.6	01320850-0750-0750
850	750	800	0.9	1950	258	1735	54.9	01310850-0750-0800	1400	288	1171	38.6	01320850-0750-0800
850	800	750	0.9	1950	279	1694	54.6	01310850-0800-0750	1550	375	1235	42.1	01320850-0800-0750
850	800	800	0.9	1950	258	1720	56.0	01310850-0800-0800	1550	363	1252	43.2	01320850-0800-0800
900	80	700	0.9	450	-471	1038	9.2	01310900-0080-0700	400	-200	784.6	8.0	01320900-0080-0700
900	80	750	0.9	450	-492	1064	9.5	01310900-0080-0750	400	-213	802.3	8.3	01320900-0080-0750
900	80	800	0.9	450	-514	1089	9.8	01310900-0080-0800	400	-225	819.9	8.5	01320900-0080-0800
900	80	850	0.9	450	-536	1114	10.0	01310900-0080-0850	400	-238	837.5	8.7	01320900-0080-0850
900	100	700	0.9	450	-471	1032	9.5	01310900-0100-0700	400	-200	774.6	8.2	01320900-0100-0700
900	100	750	0.9	450	-492	1058	9.8	01310900-0100-0750	400	-213	792.3	8.5	01320900-0100-0750
900	100	800	0.9	450	-514	1083	10.1	01310900-0100-0800	400	-225	809.9	8.7	01320900-0100-0800
900	100	850	0.9	450	-536	1108	10.4	01310900-0100-0850	400	-238	827.5	9.0	01320900-0100-0850
900	120	700	0.9	500	-446	1055	10.7	01310900-0120-0700	450	-175	799.9	9.4	01320900-0120-0700
900	120	750	0.9	500	-467	1081	11.1	01310900-0120-0750	450	-188	817.5	9.7	01320900-0120-0750
900	120	800	0.9	500	-489	1106	11.4	01310900-0120-0800	450	-200	835.1	10.0	01320900-0120-0800
900	120	850	0.9	500	-511	1131	11.7	01310900-0120-0850	450	-213	852.7	10.2	01320900-0120-0850
900	125	700	0.9	550	-421	1083	11.7	01310900-0125-0700	450	-175	797.4	9.4	01320900-0125-0700
900	125	750	0.9	550	-442	1108	12.1	01310900-0125-0750	450	-188	815	9.7	01320900-0125-0750
900	125	800	0.9	550	-464	1134	12.4	01310900-0125-0800	450	-200	832.6	10.0	01320900-0125-0800
900	125	850	0.9	550	-486	1159	12.8	01310900-0125-0850	450	-213	850.2	10.3	01320900-0125-0850
900	140	700	0.9	550	-421	1079	12.0	01310900-0140-0700	450	-175	789.9	9.6	01320900-0140-0700
900	140	750	0.9	550	-442	1104	12.3	01310900-0140-0750	450	-188	807.5	9.9	01320900-0140-0750
900	140	800	0.9	550	-464	1129	12.7	01310900-0140-0800	450	-200	825.1	10.2	01320900-0140-0800
900	140	850	0.9	550	-486	1154	13.0	01310900-0140-0850	450	-213	842.7	10.5	01320900-0140-0850
900	150	700	0.9	550	-421	1076	12.1	01310900-0150-0700	500	-150	820.1	10.7	01320900-0150-0700
900	150	750	0.9	550	-442	1101	12.5	01310900-0150-0750	500	-163	837.7	11.0	01320900-0150-0750
900	150	800	0.9	550	-464	1126	12.8	01310900-0150-0800	500	-175	855.3	11.3	01320900-0150-0800
900	150	850	0.9	550	-486	1151	13.2	01310900-0150-0850	500	-188	872.9	11.6	01320900-0150-0850
900	160	700	0.9	650	-371	1131	14.2	01310900-0160-0700	500	-150	815.1	10.8	01320900-0160-0700
900	160	750	0.9	650	-392	1156	14.6	01310900-0160-0750	500	-163	832.7	11.1	01320900-0160-0750
900	160	800	0.9	650	-414	1181	15.0	01310900-0160-0800	500	-175	850.3	11.4	01320900-0160-0800
900	160	850	0.9	650	-436	1206	15.5	01310900-0160-0850	500	-188	867.9	11.7	01320900-0160-0850

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
900	180	700	0.9	650	-371	1125	14.5	01310900-0180-0700	500	-150	805.1	11.0	01320900-0180-0700
900	180	750	0.9	650	-392	1150	14.9	01310900-0180-0750	500	-163	822.7	11.3	01320900-0180-0750
900	180	800	0.9	650	-414	1175	15.4	01310900-0180-0800	500	-175	840.3	11.6	01320900-0180-0800
900	180	850	0.9	650	-436	1200	15.8	01310900-0180-0850	500	-188	857.9	12.0	01320900-0180-0850
900	200	700	0.9	700	-346	1148	15.8	01310900-0200-0700	550	-125	830.3	12.2	01320900-0200-0700
900	200	750	0.9	700	-367	1173	16.3	01310900-0200-0750	550	-138	847.9	12.6	01320900-0200-0750
900	200	800	0.9	700	-389	1198	16.7	01310900-0200-0800	550	-150	865.5	12.9	01320900-0200-0800
900	200	850	0.9	700	-411	1224	17.2	01310900-0200-0850	550	-163	883.1	13.3	01320900-0200-0850
900	225	700	0.9	850	-271	1227	19.1	01310900-0225-0700	600	-100	853	13.5	01320900-0225-0700
900	225	750	0.9	850	-292	1253	19.7	01310900-0225-0750	600	-113	870.6	13.9	01320900-0225-0750
900	225	800	0.9	850	-314	1278	20.3	01310900-0225-0800	600	-125	888.2	14.3	01320900-0225-0800
900	225	850	0.9	850	-336	1303	20.8	01310900-0225-0850	600	-138	905.8	14.6	01320900-0225-0850
900	250	700	0.9	850	-271	1220	19.6	01310900-0250-0700	600	-100	840.5	13.7	01320900-0250-0700
900	250	750	0.9	850	-292	1245	20.1	01310900-0250-0750	600	-113	858.1	14.1	01320900-0250-0750
900	250	800	0.9	850	-314	1271	20.7	01310900-0250-0800	600	-125	875.7	14.5	01320900-0250-0800
900	250	850	0.9	850	-336	1296	21.3	01310900-0250-0850	600	-138	893.3	14.9	01320900-0250-0850
900	275	700	0.9	850	-271	1212	20.0	01310900-0275-0700	700	-50	898.4	16.1	01320900-0275-0700
900	275	750	0.9	850	-292	1238	20.6	01310900-0275-0750	700	-63	916	16.5	01320900-0275-0750
900	275	800	0.9	850	-314	1263	21.1	01310900-0275-0800	700	-75	933.6	17.0	01320900-0275-0800
900	275	850	0.9	850	-336	1288	21.7	01310900-0275-0850	700	-88	951.2	17.4	01320900-0275-0850
900	300	700	0.9	950	-221	1263	22.4	01310900-0300-0700	700	-50	885.9	16.3	01320900-0300-0700
900	300	750	0.9	950	-242	1288	23.1	01310900-0300-0750	700	-63	903.5	16.8	01320900-0300-0750
900	300	800	0.9	950	-264	1314	23.7	01310900-0300-0800	700	-75	921.1	17.3	01320900-0300-0800
900	300	850	0.9	950	-286	1339	24.4	01310900-0300-0850	700	-88	938.7	17.7	01320900-0300-0850
900	315	700	0.9	1050	-171	1317	24.7	01310900-0315-0700	700	-50	878.4	16.5	01320900-0315-0700
900	315	750	0.9	1050	-192	1342	25.4	01310900-0315-0750	700	-63	896	17.0	01320900-0315-0750
900	315	800	0.9	1050	-214	1367	26.1	01310900-0315-0800	700	-75	913.6	17.4	01320900-0315-0800
900	315	850	0.9	1050	-236	1393	26.8	01310900-0315-0850	700	-88	931.2	17.9	01320900-0315-0850
900	350	700	0.9	1150	-121	1364	27.4	01310900-0350-0700	800	0	931.3	19.0	01320900-0350-0700
900	350	750	0.9	1150	-142	1390	28.2	01310900-0350-0750	800	-13	948.9	19.5	01320900-0350-0750
900	350	800	0.9	1150	-164	1415	29.0	01310900-0350-0800	800	-25	966.5	20.1	01320900-0350-0800
900	350	850	0.9	1150	-186	1440	29.8	01310900-0350-0850	800	-38	984.2	20.6	01320900-0350-0850
900	400	700	0.9	1350	-21	1466	32.6	01310900-0400-0700	900	50	976.8	21.7	01320900-0400-0700
900	400	750	0.9	1350	-42	1491	33.5	01310900-0400-0750	900	38	994.4	22.3	01320900-0400-0750
900	400	800	0.9	1350	-64	1516	34.4	01310900-0400-0800	900	25	1012	22.9	01320900-0400-0800
900	400	850	0.9	1350	-86	1541	35.3	01310900-0400-0850	900	13	1030	23.5	01320900-0400-0850
900	450	700	0.9	1350	-21	1451	33.6	01310900-0450-0700	1050	125	1057	25.6	01320900-0450-0700
900	450	750	0.9	1350	-42	1476	34.5	01310900-0450-0750	1050	113	1075	26.3	01320900-0450-0750
900	450	800	0.9	1350	-64	1501	35.4	01310900-0450-0800	1050	100	1093	27.0	01320900-0450-0800
900	450	850	0.9	1350	-86	1526	36.3	01310900-0450-0850	1050	88	1110	27.7	01320900-0450-0850
900	500	700	0.9	1350	-21	1436	34.5	01310900-0500-0700	1150	175	1103	28.5	01320900-0500-0700
900	500	750	0.9	1350	-42	1461	35.5	01310900-0500-0750	1150	163	1120	29.3	01320900-0500-0750
900	500	800	0.9	1350	-64	1486	36.4	01310900-0500-0800	1150	150	1138	30.1	01320900-0500-0800
900	500	850	0.9	1350	-86	1511	37.4	01310900-0500-0850	1150	138	1156	30.8	01320900-0500-0850
900	550	700	0.9	1550	79	1537	40.0	01310900-0550-0700	1250	225	1148	31.5	01320900-0550-0700
900	550	750	0.9	1550	58	1562	41.0	01310900-0550-0750	1250	213	1166	32.3	01320900-0550-0750
900	550	800	0.9	1550	36	1587	42.1	01310900-0550-0800	1250	200	1183	33.2	01320900-0550-0800
900	550	850	0.9	1550	14	1613	43.2	01310900-0550-0850	1250	188	1201	34.0	01320900-0550-0850
900	600	700	0.9	1750	179	1638	45.6	01310900-0600-0700	1250	225	1123	32.1	01320900-0600-0700
900	600	750	0.9	1750	158	1663	46.8	01310900-0600-0750	1250	213	1141	33.0	01320900-0600-0750
900	600	800	0.9	1750	136	1689	48.0	01310900-0600-0800	1250	200	1158	33.8	01320900-0600-0800
900	600	850	0.9	1750	114	1714	49.1	01310900-0600-0850	1250	188	1176	34.7	01320900-0600-0850
900	630	700	0.9	1750	179	1629	46.2	01310900-0630-0700	1250	225	1108	32.5	01320900-0630-0700
900	630	750	0.9	1750	158	1654	47.4	01310900-0630-0750	1250	213	1126	33.3	01320900-0630-0750
900	630	800	0.9	1750	136	1680	48.6	01310900-0630-0800	1250	200	1143	34.2	01320900-0630-0800
900	630	850	0.9	1750	114	1705	49.8	01310900-0630-0850	1250	188	1161	35.1	01320900-0630-0850
900	650	700	0.9	1750	179	1623	46.6	01310900-0650-0700	1250	225	1098	32.7	01320900-0650-0700
900	650	750	0.9	1750	158	1648	47.8	01310900-0650-0750	1250	213	1116	33.6	01320900-0650-0750
900	650	800	0.9	1750	136	1674	49.1	01310900-0650-0800	1250	200	1133	34.4	01320900-0650-0800
900	650	850	0.9	1750	114	1699	50.3	01310900-0650-0850	1250	188	1151	35.3	01320900-0650-0850
900	700	700	0.9	1750	179	1608	47.7	01310900-0700-0700	1400	300	1179	37.0	01320900-0700-0700
900	700	750	0.9	1750	158	1633	48.9	01310900-0700-0750	1400	288	1196	38.0	01320900-0700-0750

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
900	700	800	0.9	1750	136	1659	50.1	01310900-0700-0800	1400	275	1214	38.9	01320900-0700-0800
900	700	850	0.9	1750	114	1684	51.4	01310900-0700-0850	1400	263	1232	39.9	01320900-0700-0850
900	750	700	0.9	1950	279	1709	53.5	01310900-0750-0700	1400	300	1154	37.6	01320900-0750-0700
900	750	750	0.9	1950	258	1735	54.9	01310900-0750-0750	1400	288	1171	38.6	01320900-0750-0750
900	750	800	0.9	1950	236	1760	56.3	01310900-0750-0800	1400	275	1189	39.6	01320900-0750-0800
900	750	850	0.9	1950	214	1785	57.6	01310900-0750-0850	1400	263	1207	40.5	01320900-0750-0850
900	800	700	0.9	1950	279	1694	54.6	01310900-0800-0700	1550	375	1235	42.1	01320900-0800-0700
900	800	750	0.9	1950	258	1720	56.0	01310900-0800-0750	1550	363	1252	43.2	01320900-0800-0750
900	800	800	0.9	1950	236	1745	57.4	01310900-0800-0800	1550	350	1270	44.2	01320900-0800-0800
900	800	850	0.9	1950	214	1770	58.8	01310900-0800-0850	1550	338	1287	45.3	01320900-0800-0850
900	850	800	0.9	1950	236	1730	58.5	01310900-0850-0800	1550	350	1245	44.9	01320900-0850-0800
900	850	850	0.9	1950	214	1755	59.9	01310900-0850-0850	1550	338	1262	45.9	01320900-0850-0850
950	80	750	0.9	450	-514	1089	9.8	01310950-0080-0750	400	-225	819.9	8.5	01320950-0080-0750
950	80	800	0.9	450	-536	1114	10.0	01310950-0080-0800	400	-238	837.5	8.7	01320950-0080-0800
950	80	850	0.9	450	-558	1139	10.3	01310950-0080-0850	400	-250	855.1	9.0	01320950-0080-0850
950	80	900	0.9	450	-579	1165	10.6	01310950-0080-0900	400	-263	872.7	9.2	01320950-0080-0900
950	100	750	0.9	450	-514	1083	10.1	01310950-0100-0750	400	-225	809.9	8.7	01320950-0100-0750
950	100	800	0.9	450	-536	1108	10.4	01310950-0100-0800	400	-238	827.5	9.0	01320950-0100-0800
950	100	850	0.9	450	-558	1133	10.6	01310950-0100-0850	400	-250	845.1	9.2	01320950-0100-0850
950	100	900	0.9	450	-579	1159	10.9	01310950-0100-0900	400	-263	862.7	9.5	01320950-0100-0900
950	120	750	0.9	500	-489	1106	11.4	01310950-0120-0750	450	-200	835.1	10.0	01320950-0120-0750
950	120	800	0.9	500	-511	1131	11.7	01310950-0120-0800	450	-213	852.7	10.2	01320950-0120-0800
950	120	850	0.9	500	-533	1157	12.0	01310950-0120-0850	450	-225	870.3	10.5	01320950-0120-0850
950	120	900	0.9	500	-554	1182	12.3	01310950-0120-0900	450	-238	887.9	10.8	01320950-0120-0900
950	125	750	0.9	550	-464	1134	12.4	01310950-0125-0750	450	-200	832.6	10.0	01320950-0125-0750
950	125	800	0.9	550	-486	1159	12.8	01310950-0125-0800	450	-213	850.2	10.3	01320950-0125-0800
950	125	850	0.9	550	-508	1184	13.2	01310950-0125-0850	450	-225	867.8	10.6	01320950-0125-0850
950	125	900	0.9	550	-529	1209	13.5	01310950-0125-0900	450	-238	885.4	10.9	01320950-0125-0900
950	140	750	0.9	550	-464	1129	12.7	01310950-0140-0750	450	-200	825.1	10.2	01320950-0140-0750
950	140	800	0.9	550	-486	1154	13.0	01310950-0140-0800	450	-213	842.7	10.5	01320950-0140-0800
950	140	850	0.9	550	-508	1180	13.4	01310950-0140-0850	450	-225	860.3	10.8	01320950-0140-0850
950	140	900	0.9	550	-529	1205	13.8	01310950-0140-0900	450	-238	877.9	11.0	01320950-0140-0900
950	150	750	0.9	550	-464	1126	12.8	01310950-0150-0750	500	-175	855.3	11.3	01320950-0150-0750
950	150	800	0.9	550	-486	1151	13.2	01310950-0150-0800	500	-188	872.9	11.6	01320950-0150-0800
950	150	850	0.9	550	-508	1177	13.6	01310950-0150-0850	500	-200	890.5	11.9	01320950-0150-0850
950	150	900	0.9	550	-529	1202	13.9	01310950-0150-0900	500	-213	908.1	12.3	01320950-0150-0900
950	160	750	0.9	650	-414	1181	15.0	01310950-0160-0750	500	-175	850.3	11.4	01320950-0160-0750
950	160	800	0.9	650	-436	1206	15.5	01310950-0160-0800	500	-188	867.9	11.7	01320950-0160-0800
950	160	850	0.9	650	-458	1232	15.9	01310950-0160-0850	500	-200	885.5	12.1	01320950-0160-0850
950	160	900	0.9	650	-479	1257	16.3	01310950-0160-0900	500	-213	903.1	12.4	01320950-0160-0900
950	180	750	0.9	650	-414	1175	15.4	01310950-0180-0750	500	-175	840.3	11.6	01320950-0180-0750
950	180	800	0.9	650	-436	1200	15.8	01310950-0180-0800	500	-188	857.9	12.0	01320950-0180-0800
950	180	850	0.9	650	-458	1226	16.2	01310950-0180-0850	500	-200	875.5	12.3	01320950-0180-0850
950	180	900	0.9	650	-479	1251	16.6	01310950-0180-0900	500	-213	893.1	12.6	01320950-0180-0900
950	200	750	0.9	700	-389	1198	16.7	01310950-0200-0750	550	-150	865.5	12.9	01320950-0200-0750
950	200	800	0.9	700	-411	1224	17.2	01310950-0200-0800	550	-163	883.1	13.3	01320950-0200-0800
950	200	850	0.9	700	-433	1249	17.6	01310950-0200-0850	550	-175	900.7	13.6	01320950-0200-0850
950	200	900	0.9	700	-454	1274	18.1	01310950-0200-0900	550	-188	918.3	14.0	01320950-0200-0900
950	225	750	0.9	850	-314	1278	20.3	01310950-0225-0750	600	-125	888.2	14.3	01320950-0225-0750
950	225	800	0.9	850	-336	1303	20.8	01310950-0225-0800	600	-138	905.8	14.6	01320950-0225-0800
950	225	850	0.9	850	-358	1329	21.4	01310950-0225-0850	600	-150	923.4	15.0	01320950-0225-0850
950	225	900	0.9	850	-379	1354	21.9	01310950-0225-0900	600	-163	941	15.4	01320950-0225-0900
950	250	750	0.9	850	-314	1271	20.7	01310950-0250-0750	600	-125	875.7	14.5	01320950-0250-0750
950	250	800	0.9	850	-336	1296	21.3	01310950-0250-0800	600	-138	893.3	14.9	01320950-0250-0800
950	250	850	0.9	850	-358	1321	21.8	01310950-0250-0850	600	-150	910.9	15.3	01320950-0250-0850
950	250	900	0.9	850	-379	1346	22.4	01310950-0250-0900	600	-163	928.5	15.7	01320950-0250-0900
950	275	750	0.9	850	-314	1263	21.1	01310950-0275-0750	700	-75	933.6	17.0	01320950-0275-0750
950	275	800	0.9	850	-336	1288	21.7	01310950-0275-0800	700	-88	951.2	17.4	01320950-0275-0800
950	275	850	0.9	850	-358	1314	22.3	01310950-0275-0850	700	-100	968.8	17.9	01320950-0275-0850
950	275	900	0.9	850	-379	1339	22.9	01310950-0275-0900	700	-113	986.4	18.4	01320950-0275-0900
950	300	750	0.9	950	-264	1314	23.7	01310950-0300-0750	700	-75	921.1	17.3	01320950-0300-0750
950	300	800	0.9	950	-286	1339	24.4	01310950-0300-0800	700	-88	938.7	17.7	01320950-0300-0800

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
950	300	850	0.9	950	-308	1364	25.0	01310950-0300-0850	700	-100	956.3	18.2	01320950-0300-0850
950	300	900	0.9	950	-329	1389	25.6	01310950-0300-0900	700	-113	973.9	18.7	01320950-0300-0900
950	315	750	0.9	1050	-214	1367	26.1	01310950-0315-0750	700	-75	913.6	17.4	01320950-0315-0750
950	315	800	0.9	1050	-236	1393	26.8	01310950-0315-0800	700	-88	931.2	17.9	01320950-0315-0800
950	315	850	0.9	1050	-258	1418	27.5	01310950-0315-0850	700	-100	948.8	18.4	01320950-0315-0850
950	315	900	0.9	1050	-279	1443	28.2	01310950-0315-0900	700	-113	966.4	18.8	01320950-0315-0900
950	350	750	0.9	1150	-164	1415	29.0	01310950-0350-0750	800	-25	966.5	20.1	01320950-0350-0750
950	350	800	0.9	1150	-186	1440	29.8	01310950-0350-0800	800	-38	984.2	20.6	01320950-0350-0800
950	350	850	0.9	1150	-208	1465	30.5	01310950-0350-0850	800	-50	1002	21.1	01320950-0350-0850
950	350	900	0.9	1150	-229	1491	31.3	01310950-0350-0900	800	-63	1019	21.7	01320950-0350-0900
950	400	750	0.9	1350	-64	1516	34.4	01310950-0400-0750	900	25	1012	22.9	01320950-0400-0750
950	400	800	0.9	1350	-86	1541	35.3	01310950-0400-0800	900	13	1030	23.5	01320950-0400-0800
950	400	850	0.9	1350	-108	1567	36.2	01310950-0400-0850	900	0	1047	24.1	01320950-0400-0850
950	400	900	0.9	1350	-129	1592	37.1	01310950-0400-0900	900	-13	1065	24.7	01320950-0400-0900
950	450	750	0.9	1350	-64	1501	35.4	01310950-0450-0750	1050	100	1093	27.0	01320950-0450-0750
950	450	800	0.9	1350	-86	1526	36.3	01310950-0450-0800	1050	88	1110	27.7	01320950-0450-0800
950	450	850	0.9	1350	-108	1552	37.3	01310950-0450-0850	1050	75	1128	28.4	01320950-0450-0850
950	450	900	0.9	1350	-129	1577	38.2	01310950-0450-0900	1050	63	1145	29.1	01320950-0450-0900
950	500	750	0.9	1350	-64	1486	36.4	01310950-0500-0750	1150	150	1138	30.1	01320950-0500-0750
950	500	800	0.9	1350	-86	1511	37.4	01310950-0500-0800	1150	138	1156	30.8	01320950-0500-0800
950	500	850	0.9	1350	-108	1537	38.3	01310950-0500-0850	1150	125	1173	31.6	01320950-0500-0850
950	500	900	0.9	1350	-129	1562	39.2	01310950-0500-0900	1150	113	1191	32.4	01320950-0500-0900
950	550	750	0.9	1550	36	1587	42.1	01310950-0550-0750	1250	200	1183	33.2	01320950-0550-0750
950	550	800	0.9	1550	14	1613	43.2	01310950-0550-0800	1250	188	1201	34.0	01320950-0550-0800
950	550	850	0.9	1550	-8	1638	44.2	01310950-0550-0850	1250	175	1219	34.8	01320950-0550-0850
950	550	900	0.9	1550	-29	1663	45.3	01310950-0550-0900	1250	163	1236	35.7	01320950-0550-0900
950	600	750	0.9	1750	136	1689	48.0	01310950-0600-0750	1250	200	1158	33.8	01320950-0600-0750
950	600	800	0.9	1750	114	1714	49.1	01310950-0600-0800	1250	188	1176	34.7	01320950-0600-0800
950	600	850	0.9	1750	92	1739	50.3	01310950-0600-0850	1250	175	1194	35.5	01320950-0600-0850
950	600	900	0.9	1750	71	1765	51.5	01310950-0600-0900	1250	163	1211	36.4	01320950-0600-0900
950	630	750	0.9	1750	136	1680	48.6	01310950-0630-0750	1250	200	1143	34.2	01320950-0630-0750
950	630	800	0.9	1750	114	1705	49.8	01310950-0630-0800	1250	188	1161	35.1	01320950-0630-0800
950	630	850	0.9	1750	92	1730	51.0	01310950-0630-0850	1250	175	1179	35.9	01320950-0630-0850
950	630	900	0.9	1750	71	1756	52.2	01310950-0630-0900	1250	163	1196	36.8	01320950-0630-0900
950	650	750	0.9	1750	136	1674	49.1	01310950-0650-0750	1250	200	1133	34.4	01320950-0650-0750
950	650	800	0.9	1750	114	1699	50.3	01310950-0650-0800	1250	188	1151	35.3	01320950-0650-0800
950	650	850	0.9	1750	92	1724	51.5	01310950-0650-0850	1250	175	1169	36.2	01320950-0650-0850
950	650	900	0.9	1750	71	1750	52.7	01310950-0650-0900	1250	163	1186	37.0	01320950-0650-0900
950	700	750	0.9	1750	136	1659	50.1	01310950-0700-0750	1400	275	1214	38.9	01320950-0700-0750
950	700	800	0.9	1750	114	1684	51.4	01310950-0700-0800	1400	263	1232	39.9	01320950-0700-0800
950	700	850	0.9	1750	92	1709	52.6	01310950-0700-0850	1400	250	1249	40.9	01320950-0700-0850
950	700	900	0.9	1750	71	1735	53.8	01310950-0700-0900	1400	238	1267	41.8	01320950-0700-0900
950	750	750	0.9	1950	236	1760	56.3	01310950-0750-0750	1400	275	1189	39.6	01320950-0750-0750
950	750	800	0.9	1950	214	1785	57.6	01310950-0750-0800	1400	263	1207	40.5	01320950-0750-0800
950	750	850	0.9	1950	192	1811	59.0	01310950-0750-0850	1400	250	1224	41.5	01320950-0750-0850
950	750	900	0.9	1950	171	1836	60.3	01310950-0750-0900	1400	238	1242	42.5	01320950-0750-0900
950	800	750	0.9	1950	236	1745	57.4	01310950-0800-0750	1550	350	1270	44.2	01320950-0800-0750
950	800	800	0.9	1950	214	1770	58.8	01310950-0800-0800	1550	338	1287	45.3	01320950-0800-0800
950	800	850	0.9	1950	192	1796	60.1	01310950-0800-0850	1550	325	1305	46.4	01320950-0800-0850
950	800	900	0.9	1950	171	1821	61.5	01310950-0800-0900	1550	313	1323	47.4	01320950-0800-0900
950	850	750	0.9	1950	236	1730	58.5	01310950-0850-0750	1550	350	1245	44.9	01320950-0850-0750
950	850	800	0.9	1950	214	1755	59.9	01310950-0850-0800	1550	338	1262	45.9	01320950-0850-0800
950	850	850	0.9	1950	192	1781	61.3	01310950-0850-0850	1550	325	1280	47.0	01320950-0850-0850
950	850	900	0.9	1950	171	1806	62.7	01310950-0850-0900	1550	313	1298	48.1	01320950-0850-0900
950	900	850	0.9	1950	192	1766	62.4	01310950-0900-0850	1550	325	1255	47.6	01320950-0900-0850
950	900	900	0.9	1950	171	1791	63.8	01310950-0900-0900	1550	313	1273	48.7	01320950-0900-0900
1000	80	800	0.9	450	-558	1139	10.3	01311000-0080-0800	400	-250	855.1	9.0	01321000-0080-0800
1000	80	850	0.9	450	-579	1165	10.6	01311000-0080-0850	400	-263	872.7	9.2	01321000-0080-0850
1000	80	900	0.9	450	-601	1190	10.9	01311000-0080-0900	400	-275	890.3	9.5	01321000-0080-0900
1000	80	950	0.9	450	-623	1215	11.2	01311000-0080-0950	400	-288	907.9	9.7	01321000-0080-0950
1000	100	800	0.9	450	-558	1133	10.6	01311000-0100-0800	400	-250	845.1	9.2	01321000-0100-0800
1000	100	850	0.9	450	-579	1159	10.9	01311000-0100-0850	400	-263	862.7	9.5	01321000-0100-0850

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1000	100	900	0.9	450	-601	1184	11.2	01311000-0100-0900	400	-275	880.3	9.7	01321000-0100-0900
1000	100	950	0.9	450	-623	1209	11.5	01311000-0100-0950	400	-288	897.9	10.0	01321000-0100-0950
1000	120	800	0.9	500	-533	1157	12.0	01311000-0120-0800	450	-225	870.3	10.5	01321000-0120-0800
1000	120	850	0.9	500	-554	1182	12.3	01311000-0120-0850	450	-238	887.9	10.8	01321000-0120-0850
1000	120	900	0.9	500	-576	1207	12.7	01311000-0120-0900	450	-250	905.5	11.1	01321000-0120-0900
1000	120	950	0.9	500	-598	1232	13.0	01311000-0120-0950	450	-263	923.1	11.4	01321000-0120-0950
1000	125	800	0.9	550	-508	1184	13.2	01311000-0125-0800	450	-225	867.8	10.6	01321000-0125-0800
1000	125	850	0.9	550	-529	1209	13.5	01311000-0125-0850	450	-238	885.4	10.9	01321000-0125-0850
1000	125	900	0.9	550	-551	1235	13.9	01311000-0125-0900	450	-250	903	11.1	01321000-0125-0900
1000	125	950	0.9	550	-573	1260	14.2	01311000-0125-0950	450	-263	920.6	11.4	01321000-0125-0950
1000	140	800	0.9	550	-508	1180	13.4	01311000-0140-0800	450	-225	860.3	10.8	01321000-0140-0800
1000	140	850	0.9	550	-529	1205	13.8	01311000-0140-0850	450	-238	877.9	11.0	01321000-0140-0850
1000	140	900	0.9	550	-551	1230	14.1	01311000-0140-0900	450	-250	895.5	11.3	01321000-0140-0900
1000	140	950	0.9	550	-573	1255	14.5	01311000-0140-0950	450	-263	913.1	11.6	01321000-0140-0950
1000	150	800	0.9	550	-508	1177	13.6	01311000-0150-0800	500	-200	890.5	11.9	01321000-0150-0800
1000	150	850	0.9	550	-529	1202	13.9	01311000-0150-0850	500	-213	908.1	12.3	01321000-0150-0850
1000	150	900	0.9	550	-551	1227	14.3	01311000-0150-0900	500	-225	925.7	12.6	01321000-0150-0900
1000	150	950	0.9	550	-573	1252	14.7	01311000-0150-0950	500	-238	943.3	12.9	01321000-0150-0950
1000	160	800	0.9	650	-458	1232	15.9	01311000-0160-0800	500	-200	885.5	12.1	01321000-0160-0800
1000	160	850	0.9	650	-479	1257	16.3	01311000-0160-0850	500	-213	903.1	12.4	01321000-0160-0850
1000	160	900	0.9	650	-501	1282	16.7	01311000-0160-0900	500	-225	920.7	12.7	01321000-0160-0900
1000	160	950	0.9	650	-523	1308	17.1	01311000-0160-0950	500	-238	938.3	13.0	01321000-0160-0950
1000	180	800	0.9	650	-458	1226	16.2	01311000-0180-0800	500	-200	875.5	12.3	01321000-0180-0800
1000	180	850	0.9	650	-479	1251	16.6	01311000-0180-0850	500	-213	893.1	12.6	01321000-0180-0850
1000	180	900	0.9	650	-501	1276	17.1	01311000-0180-0900	500	-225	910.7	12.9	01321000-0180-0900
1000	180	950	0.9	650	-523	1302	17.5	01311000-0180-0950	500	-238	928.3	13.3	01321000-0180-0950
1000	200	800	0.9	700	-433	1249	17.6	01311000-0200-0800	550	-175	900.7	13.6	01321000-0200-0800
1000	200	850	0.9	700	-454	1274	18.1	01311000-0200-0850	550	-188	918.3	14.0	01321000-0200-0850
1000	200	900	0.9	700	-476	1299	18.6	01311000-0200-0900	550	-200	935.9	14.3	01321000-0200-0900
1000	200	950	0.9	700	-498	1325	19.0	01311000-0200-0950	550	-213	953.5	14.7	01321000-0200-0950
1000	225	800	0.9	850	-358	1329	21.4	01311000-0225-0800	600	-150	923.4	15.0	01321000-0225-0800
1000	225	850	0.9	850	-379	1354	21.9	01311000-0225-0850	600	-163	941	15.4	01321000-0225-0850
1000	225	900	0.9	850	-401	1379	22.5	01311000-0225-0900	600	-175	958.6	15.8	01321000-0225-0900
1000	225	950	0.9	850	-423	1404	23.0	01311000-0225-0950	600	-188	976.2	16.2	01321000-0225-0950
1000	250	800	0.9	850	-358	1321	21.8	01311000-0250-0800	600	-150	910.9	15.3	01321000-0250-0800
1000	250	850	0.9	850	-379	1346	22.4	01311000-0250-0850	600	-163	928.5	15.7	01321000-0250-0850
1000	250	900	0.9	850	-401	1372	23.0	01311000-0250-0900	600	-175	946.1	16.1	01321000-0250-0900
1000	250	950	0.9	850	-423	1397	23.5	01311000-0250-0950	600	-188	963.7	16.5	01321000-0250-0950
1000	275	800	0.9	850	-358	1314	22.3	01311000-0275-0800	700	-100	968.8	17.9	01321000-0275-0800
1000	275	850	0.9	850	-379	1339	22.9	01311000-0275-0850	700	-113	986.4	18.4	01321000-0275-0850
1000	275	900	0.9	850	-401	1364	23.4	01311000-0275-0900	700	-125	1004	18.8	01321000-0275-0900
1000	275	950	0.9	850	-423	1389	24.0	01311000-0275-0950	700	-138	1022	19.3	01321000-0275-0950
1000	300	800	0.9	950	-308	1364	25.0	01311000-0300-0800	700	-100	956.3	18.2	01321000-0300-0800
1000	300	850	0.9	950	-329	1389	25.6	01311000-0300-0850	700	-113	973.9	18.7	01321000-0300-0850
1000	300	900	0.9	950	-351	1415	26.3	01311000-0300-0900	700	-125	991.5	19.1	01321000-0300-0900
1000	300	950	0.9	950	-373	1440	26.9	01311000-0300-0950	700	-138	1009	19.6	01321000-0300-0950
1000	315	800	0.9	1050	-258	1418	27.5	01311000-0315-0800	700	-100	948.8	18.4	01321000-0315-0800
1000	315	850	0.9	1050	-279	1443	28.2	01311000-0315-0850	700	-113	966.4	18.8	01321000-0315-0850
1000	315	900	0.9	1050	-301	1468	28.9	01311000-0315-0900	700	-125	984	19.3	01321000-0315-0900
1000	315	950	0.9	1050	-323	1494	29.6	01311000-0315-0950	700	-138	1002	19.8	01321000-0315-0950
1000	350	800	0.9	1150	-208	1465	30.5	01311000-0350-0800	800	-50	1002	21.1	01321000-0350-0800
1000	350	850	0.9	1150	-229	1491	31.3	01311000-0350-0850	800	-63	1019	21.7	01321000-0350-0850
1000	350	900	0.9	1150	-251	1516	32.1	01311000-0350-0900	800	-75	1037	22.2	01321000-0350-0900
1000	350	950	0.9	1150	-273	1541	32.8	01311000-0350-0950	800	-88	1055	22.7	01321000-0350-0950
1000	400	800	0.9	1350	-108	1567	36.2	01311000-0400-0800	900	0	1047	24.1	01321000-0400-0800
1000	400	850	0.9	1350	-129	1592	37.1	01311000-0400-0850	900	-13	1065	24.7	01321000-0400-0850
1000	400	900	0.9	1350	-151	1617	38.0	01311000-0400-0900	900	-25	1082	25.4	01321000-0400-0900
1000	400	950	0.9	1350	-173	1643	38.9	01311000-0400-0950	900	-38	1100	26.0	01321000-0400-0950
1000	450	800	0.9	1350	-108	1552	37.3	01311000-0450-0800	1050	75	1128	28.4	01321000-0450-0800
1000	450	850	0.9	1350	-129	1577	38.2	01311000-0450-0850	1050	63	1145	29.1	01321000-0450-0850
1000	450	900	0.9	1350	-151	1602	39.1	01311000-0450-0900	1050	50	1163	29.8	01321000-0450-0900
1000	450	950	0.9	1350	-173	1628	40.0	01311000-0450-0950	1050	38	1181	30.5	01321000-0450-0950

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1000	500	800	0.9	1350	-108	1537	38.3	01311000-0500-0800	1150	125	1173	31.6	01321000-0500-0800
1000	500	850	0.9	1350	-129	1562	39.2	01311000-0500-0850	1150	113	1191	32.4	01321000-0500-0850
1000	500	900	0.9	1350	-151	1587	40.2	01311000-0500-0900	1150	100	1208	33.2	01321000-0500-0900
1000	500	950	0.9	1350	-173	1613	41.1	01311000-0500-0950	1150	88	1226	33.9	01321000-0500-0950
1000	550	800	0.9	1550	-8	1638	44.2	01311000-0550-0800	1250	175	1219	34.8	01321000-0550-0800
1000	550	850	0.9	1550	-29	1663	45.3	01311000-0550-0850	1250	163	1236	35.7	01321000-0550-0850
1000	550	900	0.9	1550	-51	1689	46.4	01311000-0550-0900	1250	150	1254	36.5	01321000-0550-0900
1000	550	950	0.9	1550	-73	1714	47.4	01311000-0550-0950	1250	138	1271	37.4	01321000-0550-0950
1000	600	800	0.9	1750	92	1739	50.3	01311000-0600-0800	1250	175	1194	35.5	01321000-0600-0800
1000	600	850	0.9	1750	71	1765	51.5	01311000-0600-0850	1250	163	1211	36.4	01321000-0600-0850
1000	600	900	0.9	1750	49	1790	52.7	01311000-0600-0900	1250	150	1229	37.2	01321000-0600-0900
1000	600	950	0.9	1750	27	1815	53.9	01311000-0600-0950	1250	138	1246	38.1	01321000-0600-0950
1000	630	800	0.9	1750	92	1730	51.0	01311000-0630-0800	1250	175	1179	35.9	01321000-0630-0800
1000	630	850	0.9	1750	71	1756	52.2	01311000-0630-0850	1250	163	1196	36.8	01321000-0630-0850
1000	630	900	0.9	1750	49	1781	53.4	01311000-0630-0900	1250	150	1214	37.6	01321000-0630-0900
1000	630	950	0.9	1750	27	1806	54.6	01311000-0630-0950	1250	138	1231	38.5	01321000-0630-0950
1000	650	800	0.9	1750	92	1724	51.5	01311000-0650-0800	1250	175	1169	36.2	01321000-0650-0800
1000	650	850	0.9	1750	71	1750	52.7	01311000-0650-0850	1250	163	1186	37.0	01321000-0650-0850
1000	650	900	0.9	1750	49	1775	53.9	01311000-0650-0900	1250	150	1204	37.9	01321000-0650-0900
1000	650	950	0.9	1750	27	1800	55.1	01311000-0650-0950	1250	138	1221	38.8	01321000-0650-0950
1000	700	800	0.9	1750	92	1709	52.6	01311000-0700-0800	1400	250	1249	40.9	01321000-0700-0800
1000	700	850	0.9	1750	71	1735	53.8	01311000-0700-0850	1400	238	1267	41.8	01321000-0700-0850
1000	700	900	0.9	1750	49	1760	55.1	01311000-0700-0900	1400	225	1285	42.8	01321000-0700-0900
1000	700	950	0.9	1750	27	1785	56.3	01311000-0700-0950	1400	213	1302	43.7	01321000-0700-0950
1000	750	800	0.9	1950	192	1811	59.0	01311000-0750-0800	1400	250	1224	41.5	01321000-0750-0800
1000	750	850	0.9	1950	171	1836	60.3	01311000-0750-0850	1400	238	1242	42.5	01321000-0750-0850
1000	750	900	0.9	1950	149	1861	61.7	01311000-0750-0900	1400	225	1260	43.5	01321000-0750-0900
1000	750	950	0.9	1950	127	1886	63.1	01311000-0750-0950	1400	213	1277	44.4	01321000-0750-0950
1000	800	800	0.9	1950	192	1796	60.1	01311000-0800-0800	1550	325	1305	46.4	01321000-0800-0800
1000	800	850	0.9	1950	171	1821	61.5	01311000-0800-0850	1550	313	1323	47.4	01321000-0800-0850
1000	800	900	0.9	1950	149	1846	62.9	01311000-0800-0900	1550	300	1340	48.5	01321000-0800-0900
1000	800	950	0.9	1950	127	1871	64.3	01311000-0800-0950	1550	288	1358	49.6	01321000-0800-0950
1000	850	800	0.9	1950	192	1781	61.3	01311000-0850-0800	1550	325	1280	47.0	01321000-0850-0800
1000	850	850	0.9	1950	171	1806	62.7	01311000-0850-0850	1550	313	1298	48.1	01321000-0850-0850
1000	850	900	0.9	1950	149	1831	64.1	01311000-0850-0900	1550	300	1315	49.2	01321000-0850-0900
1000	850	950	0.9	1950	127	1856	65.5	01311000-0850-0950	1550	288	1333	50.3	01321000-0850-0950
1000	900	800	0.9	1950	192	1766	62.4	01311000-0900-0800	1550	325	1255	47.6	01321000-0900-0800
1000	900	850	0.9	1950	171	1791	63.8	01311000-0900-0850	1550	313	1273	48.7	01321000-0900-0850
1000	900	900	0.9	1950	149	1816	65.2	01311000-0900-0900	1550	300	1290	49.8	01321000-0900-0900
1000	900	950	0.9	1950	127	1841	66.7	01311000-0900-0950	1550	288	1308	50.9	01321000-0900-0950
1000	950	900	0.9	1950	149	1801	66.4	01311000-0950-0900	1550	300	1265	50.4	01321000-0950-0900
1000	950	950	0.9	1950	127	1826	67.8	01311000-0950-0950	1550	288	1283	51.5	01321000-0950-0950
1050	80	850	0.9	450	-601	1190	10.9	01311050-0080-0850	400	-275	890.3	9.5	01321050-0080-0850
1050	80	900	0.9	450	-623	1215	11.2	01311050-0080-0900	400	-288	907.9	9.7	01321050-0080-0900
1050	80	950	0.9	450	-645	1241	11.4	01311050-0080-0950	400	-300	925.5	10.0	01321050-0080-0950
1050	80	1000	0.9	450	-666	1266	11.7	01311050-0080-1000	400	-313	943.1	10.2	01321050-0080-1000
1050	100	850	0.9	450	-601	1184	11.2	01311050-0100-0850	400	-275	880.3	9.7	01321050-0100-0850
1050	100	900	0.9	450	-623	1209	11.5	01311050-0100-0900	400	-288	897.9	10.0	01321050-0100-0900
1050	100	950	0.9	450	-645	1235	11.8	01311050-0100-0950	400	-300	915.5	10.2	01321050-0100-0950
1050	100	1000	0.9	450	-666	1260	12.1	01311050-0100-1000	400	-313	933.1	10.5	01321050-0100-1000
1050	120	850	0.9	500	-576	1207	12.7	01311050-0120-0850	450	-250	905.5	11.1	01321050-0120-0850
1050	120	900	0.9	500	-598	1232	13.0	01311050-0120-0900	450	-263	923.1	11.4	01321050-0120-0900
1050	120	950	0.9	500	-620	1258	13.3	01311050-0120-0950	450	-275	940.7	11.6	01321050-0120-0950
1050	120	1000	0.9	500	-641	1283	13.6	01311050-0120-1000	450	-288	958.3	11.9	01321050-0120-1000
1050	125	850	0.9	550	-551	1235	13.9	01311050-0125-0850	450	-250	903	11.1	01321050-0125-0850
1050	125	900	0.9	550	-573	1260	14.2	01311050-0125-0900	450	-263	920.6	11.4	01321050-0125-0900
1050	125	950	0.9	550	-595	1285	14.6	01311050-0125-0950	450	-275	938.2	11.7	01321050-0125-0950
1050	125	1000	0.9	550	-616	1311	14.9	01311050-0125-1000	450	-288	955.8	12.0	01321050-0125-1000
1050	140	850	0.9	550	-551	1230	14.1	01311050-0140-0850	450	-250	895.5	11.3	01321050-0140-0850
1050	140	900	0.9	550	-573	1255	14.5	01311050-0140-0900	450	-263	913.1	11.6	01321050-0140-0900
1050	140	950	0.9	550	-595	1281	14.8	01311050-0140-0950	450	-275	930.7	11.9	01321050-0140-0950
1050	140	1000	0.9	550	-616	1306	15.2	01311050-0140-1000	450	-288	948.3	12.2	01321050-0140-1000

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1050	150	850	0.9	550	-551	1227	14.3	01311050-0150-0850	500	-225	925.7	12.6	01321050-0150-0850
1050	150	900	0.9	550	-573	1252	14.7	01311050-0150-0900	500	-238	943.3	12.9	01321050-0150-0900
1050	150	950	0.9	550	-595	1278	15.0	01311050-0150-0950	500	-250	960.9	13.2	01321050-0150-0950
1050	150	1000	0.9	550	-616	1303	15.4	01311050-0150-1000	500	-263	978.5	13.5	01321050-0150-1000
1050	160	850	0.9	650	-501	1282	16.7	01311050-0160-0850	500	-225	920.7	12.7	01321050-0160-0850
1050	160	900	0.9	650	-523	1308	17.1	01311050-0160-0900	500	-238	938.3	13.0	01321050-0160-0900
1050	160	950	0.9	650	-545	1333	17.6	01311050-0160-0950	500	-250	955.9	13.3	01321050-0160-0950
1050	160	1000	0.9	650	-566	1358	18.0	01311050-0160-1000	500	-263	973.5	13.7	01321050-0160-1000
1050	180	850	0.9	650	-501	1276	17.1	01311050-0180-0850	500	-225	910.7	12.9	01321050-0180-0850
1050	180	900	0.9	650	-523	1302	17.5	01311050-0180-0900	500	-238	928.3	13.3	01321050-0180-0900
1050	180	950	0.9	650	-545	1327	17.9	01311050-0180-0950	500	-250	945.9	13.6	01321050-0180-0950
1050	180	1000	0.9	650	-566	1352	18.4	01311050-0180-1000	500	-263	963.5	13.9	01321050-0180-1000
1050	200	850	0.9	700	-476	1299	18.6	01311050-0200-0850	550	-200	935.9	14.3	01321050-0200-0850
1050	200	900	0.9	700	-498	1325	19.0	01311050-0200-0900	550	-213	953.5	14.7	01321050-0200-0900
1050	200	950	0.9	700	-520	1350	19.5	01311050-0200-0950	550	-225	971.1	15.1	01321050-0200-0950
1050	200	1000	0.9	700	-541	1375	20.0	01311050-0200-1000	550	-238	988.7	15.4	01321050-0200-1000
1050	225	850	0.9	850	-401	1379	22.5	01311050-0225-0850	600	-175	958.6	15.8	01321050-0225-0850
1050	225	900	0.9	850	-423	1404	23.0	01311050-0225-0900	600	-188	976.2	16.2	01321050-0225-0900
1050	225	950	0.9	850	-445	1430	23.6	01311050-0225-0950	600	-200	993.8	16.6	01321050-0225-0950
1050	225	1000	0.9	850	-466	1455	24.1	01311050-0225-1000	600	-213	1011	17.0	01321050-0225-1000
1050	250	850	0.9	850	-401	1372	23.0	01311050-0250-0850	600	-175	946.1	16.1	01321050-0250-0850
1050	250	900	0.9	850	-423	1397	23.5	01311050-0250-0900	600	-188	963.7	16.5	01321050-0250-0900
1050	250	950	0.9	850	-445	1422	24.1	01311050-0250-0950	600	-200	981.3	16.9	01321050-0250-0950
1050	250	1000	0.9	850	-466	1447	24.7	01311050-0250-1000	600	-213	998.9	17.3	01321050-0250-1000
1050	275	850	0.9	850	-401	1364	23.4	01311050-0275-0850	700	-125	1004	18.8	01321050-0275-0850
1050	275	900	0.9	850	-423	1389	24.0	01311050-0275-0900	700	-138	1022	19.3	01321050-0275-0900
1050	275	950	0.9	850	-445	1415	24.6	01311050-0275-0950	700	-150	1039	19.7	01321050-0275-0950
1050	275	1000	0.9	850	-466	1440	25.2	01311050-0275-1000	700	-163	1057	20.2	01321050-0275-1000
1050	300	850	0.9	950	-351	1415	26.3	01311050-0300-0850	700	-125	991.5	19.1	01321050-0300-0850
1050	300	900	0.9	950	-373	1440	26.9	01311050-0300-0900	700	-138	1009	19.6	01321050-0300-0900
1050	300	950	0.9	950	-395	1465	27.6	01311050-0300-0950	700	-150	1027	20.1	01321050-0300-0950
1050	300	1000	0.9	950	-416	1491	28.2	01311050-0300-1000	700	-163	1044	20.5	01321050-0300-1000
1050	315	850	0.9	1050	-301	1468	28.9	01311050-0315-0850	700	-125	984	19.3	01321050-0315-0850
1050	315	900	0.9	1050	-323	1494	29.6	01311050-0315-0900	700	-138	1002	19.8	01321050-0315-0900
1050	315	950	0.9	1050	-345	1519	30.3	01311050-0315-0950	700	-150	1019	20.3	01321050-0315-0950
1050	315	1000	0.9	1050	-366	1544	31.0	01311050-0315-1000	700	-163	1037	20.7	01321050-0315-1000
1050	350	850	0.9	1150	-251	1516	32.1	01311050-0350-0850	800	-75	1037	22.2	01321050-0350-0850
1050	350	900	0.9	1150	-273	1541	32.8	01311050-0350-0900	800	-88	1055	22.7	01321050-0350-0900
1050	350	950	0.9	1150	-295	1567	33.6	01311050-0350-0950	800	-100	1072	23.3	01321050-0350-0950
1050	350	1000	0.9	1150	-316	1592	34.4	01311050-0350-1000	800	-113	1090	23.8	01321050-0350-1000
1050	400	850	0.9	1350	-151	1617	38.0	01311050-0400-0850	900	-25	1082	25.4	01321050-0400-0850
1050	400	900	0.9	1350	-173	1643	38.9	01311050-0400-0900	900	-38	1100	26.0	01321050-0400-0900
1050	400	950	0.9	1350	-195	1668	39.8	01311050-0400-0950	900	-50	1118	26.6	01321050-0400-0950
1050	400	1000	0.9	1350	-216	1693	40.7	01311050-0400-1000	900	-63	1135	27.2	01321050-0400-1000
1050	450	850	0.9	1350	-151	1602	39.1	01311050-0450-0850	1050	50	1163	29.8	01321050-0450-0850
1050	450	900	0.9	1350	-173	1628	40.0	01311050-0450-0900	1050	38	1181	30.5	01321050-0450-0900
1050	450	950	0.9	1350	-195	1653	40.9	01311050-0450-0950	1050	25	1198	31.2	01321050-0450-0950
1050	450	1000	0.9	1350	-216	1678	41.8	01311050-0450-1000	1050	13	1216	31.9	01321050-0450-1000
1050	500	850	0.9	1350	-151	1587	40.2	01311050-0500-0850	1150	100	1208	33.2	01321050-0500-0850
1050	500	900	0.9	1350	-173	1613	41.1	01311050-0500-0900	1150	88	1226	33.9	01321050-0500-0900
1050	500	950	0.9	1350	-195	1638	42.0	01311050-0500-0950	1150	75	1244	34.7	01321050-0500-0950
1050	500	1000	0.9	1350	-216	1663	43.0	01311050-0500-1000	1150	63	1261	35.5	01321050-0500-1000
1050	550	850	0.9	1550	-51	1689	46.4	01311050-0550-0850	1250	150	1254	36.5	01321050-0550-0850
1050	550	900	0.9	1550	-73	1714	47.4	01311050-0550-0900	1250	138	1271	37.4	01321050-0550-0900
1050	550	950	0.9	1550	-95	1739	48.5	01311050-0550-0950	1250	125	1289	38.2	01321050-0550-0950
1050	550	1000	0.9	1550	-116	1764	49.6	01311050-0550-1000	1250	113	1307	39.0	01321050-0550-1000
1050	600	850	0.9	1750	49	1790	52.7	01311050-0600-0850	1250	150	1229	37.2	01321050-0600-0850
1050	600	900	0.9	1750	27	1815	53.9	01311050-0600-0900	1250	138	1246	38.1	01321050-0600-0900
1050	600	950	0.9	1750	5	1840	55.1	01311050-0600-0950	1250	125	1264	38.9	01321050-0600-0950
1050	600	1000	0.9	1750	-16	1866	56.3	01311050-0600-1000	1250	113	1282	39.8	01321050-0600-1000
1050	630	850	0.9	1750	49	1781	53.4	01311050-0630-0850	1250	150	1214	37.6	01321050-0630-0850
1050	630	900	0.9	1750	27	1806	54.6	01311050-0630-0900	1250	138	1231	38.5	01321050-0630-0900

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1050	630	950	0.9	1750	5	1831	55.9	01311050-0630-0950	1250	125	1249	39.3	01321050-0630-0950
1050	630	1000	0.9	1750	-16	1857	57.1	01311050-0630-1000	1250	113	1267	40.2	01321050-0630-1000
1050	650	850	0.9	1750	49	1775	53.9	01311050-0650-0850	1250	150	1204	37.9	01321050-0650-0850
1050	650	900	0.9	1750	27	1800	55.1	01311050-0650-0900	1250	138	1221	38.8	01321050-0650-0900
1050	650	950	0.9	1750	5	1825	56.3	01311050-0650-0950	1250	125	1239	39.6	01321050-0650-0950
1050	650	1000	0.9	1750	-16	1851	57.6	01311050-0650-1000	1250	113	1257	40.5	01321050-0650-1000
1050	700	850	0.9	1750	49	1760	55.1	01311050-0700-0850	1400	225	1285	42.8	01321050-0700-0850
1050	700	900	0.9	1750	27	1785	56.3	01311050-0700-0900	1400	213	1302	43.7	01321050-0700-0900
1050	700	950	0.9	1750	5	1810	57.5	01311050-0700-0950	1400	200	1320	44.7	01321050-0700-0950
1050	700	1000	0.9	1750	-16	1836	58.8	01311050-0700-1000	1400	188	1337	45.7	01321050-0700-1000
1050	750	850	0.9	1950	149	1861	61.7	01311050-0750-0850	1400	225	1260	43.5	01321050-0750-0850
1050	750	900	0.9	1950	127	1886	63.1	01311050-0750-0900	1400	213	1277	44.4	01321050-0750-0900
1050	750	950	0.9	1950	105	1912	64.4	01311050-0750-0950	1400	200	1295	45.4	01321050-0750-0950
1050	750	1000	0.9	1950	84	1937	65.8	01311050-0750-1000	1400	188	1312	46.4	01321050-0750-1000
1050	800	850	0.9	1950	149	1846	62.9	01311050-0800-0850	1550	300	1340	48.5	01321050-0800-0850
1050	800	900	0.9	1950	127	1871	64.3	01311050-0800-0900	1550	288	1358	49.6	01321050-0800-0900
1050	800	950	0.9	1950	105	1897	65.7	01311050-0800-0950	1550	275	1375	50.6	01321050-0800-0950
1050	800	1000	0.9	1950	84	1922	67.0	01311050-0800-1000	1550	263	1393	51.7	01321050-0800-1000
1050	850	850	0.9	1950	149	1831	64.1	01311050-0850-0850	1550	300	1315	49.2	01321050-0850-0850
1050	850	900	0.9	1950	127	1856	65.5	01311050-0850-0900	1550	288	1333	50.3	01321050-0850-0900
1050	850	950	0.9	1950	105	1882	66.9	01311050-0850-0950	1550	275	1350	51.3	01321050-0850-0950
1050	850	1000	0.9	1950	84	1907	68.3	01311050-0850-1000	1550	263	1368	52.4	01321050-0850-1000
1050	900	850	0.9	1950	149	1816	65.2	01311050-0900-0850	1550	300	1290	49.8	01321050-0900-0850
1050	900	900	0.9	1950	127	1841	66.7	01311050-0900-0900	1550	288	1308	50.9	01321050-0900-0900
1050	900	950	0.9	1950	105	1867	68.1	01311050-0900-0950	1550	275	1325	52.0	01321050-0900-0950
1050	900	1000	0.9	1950	84	1892	69.5	01311050-0900-1000	1550	263	1343	53.1	01321050-0900-1000
1050	950	850	0.9	1950	149	1801	66.4	01311050-0950-0850	1550	300	1265	50.4	01321050-0950-0850
1050	950	900	0.9	1950	127	1826	67.8	01311050-0950-0900	1550	288	1283	51.5	01321050-0950-0900
1050	950	950	0.9	1950	105	1852	69.2	01311050-0950-0950	1550	275	1300	52.6	01321050-0950-0950
1050	950	1000	0.9	1950	84	1877	70.7	01311050-0950-1000	1550	263	1318	53.7	01321050-0950-1000
1050	1000	950	0.9	1950	105	1837	70.4	01311050-1000-0950	1550	275	1275	53.2	01321050-1000-0950
1050	1000	1000	0.9	1950	84	1862	71.9	01311050-1000-1000	1550	263	1293	54.3	01321050-1000-1000
1100	80	900	0.9	450	-645	1241	11.4	01311100-0080-0900	400	-300	925.5	10.0	01321100-0080-0900
1100	80	950	0.9	450	-666	1266	11.7	01311100-0080-0950	400	-313	943.1	10.2	01321100-0080-0950
1100	80	1000	0.9	450	-688	1291	12.0	01311100-0080-1000	400	-325	960.7	10.4	01321100-0080-1000
1100	80	1050	0.9	450	-710	1316	12.3	01311100-0080-1050	400	-338	978.3	10.7	01321100-0080-1050
1100	100	900	0.9	450	-645	1235	11.8	01311100-0100-0900	400	-300	915.5	10.2	01321100-0100-0900
1100	100	950	0.9	450	-666	1260	12.1	01311100-0100-0950	400	-313	933.1	10.5	01321100-0100-0950
1100	100	1000	0.9	450	-688	1285	12.4	01311100-0100-1000	400	-325	950.7	10.7	01321100-0100-1000
1100	100	1050	0.9	450	-710	1310	12.6	01311100-0100-1050	400	-338	968.3	11.0	01321100-0100-1050
1100	120	900	0.9	500	-620	1258	13.3	01311100-0120-0900	450	-275	940.7	11.6	01321100-0120-0900
1100	120	950	0.9	500	-641	1283	13.6	01311100-0120-0950	450	-288	958.3	11.9	01321100-0120-0950
1100	120	1000	0.9	500	-663	1308	13.9	01311100-0120-1000	450	-300	975.9	12.2	01321100-0120-1000
1100	120	1050	0.9	500	-685	1334	14.3	01311100-0120-1050	450	-313	993.5	12.5	01321100-0120-1050
1100	125	900	0.9	550	-595	1285	14.6	01311100-0125-0900	450	-275	938.2	11.7	01321100-0125-0900
1100	125	950	0.9	550	-616	1311	14.9	01311100-0125-0950	450	-288	955.8	12.0	01321100-0125-0950
1100	125	1000	0.9	550	-638	1336	15.3	01311100-0125-1000	450	-300	973.4	12.3	01321100-0125-1000
1100	125	1050	0.9	550	-660	1361	15.6	01311100-0125-1050	450	-313	991	12.5	01321100-0125-1050
1100	140	900	0.9	550	-595	1281	14.8	01311100-0140-0900	450	-275	930.7	11.9	01321100-0140-0900
1100	140	950	0.9	550	-616	1306	15.2	01311100-0140-0950	450	-288	948.3	12.2	01321100-0140-0950
1100	140	1000	0.9	550	-638	1331	15.5	01311100-0140-1000	450	-300	965.9	12.5	01321100-0140-1000
1100	140	1050	0.9	550	-660	1357	15.9	01311100-0140-1050	450	-313	983.5	12.8	01321100-0140-1050
1100	150	900	0.9	550	-595	1278	15.0	01311100-0150-0900	500	-250	960.9	13.2	01321100-0150-0900
1100	150	950	0.9	550	-616	1303	15.4	01311100-0150-0950	500	-263	978.5	13.5	01321100-0150-0950
1100	150	1000	0.9	550	-638	1328	15.7	01311100-0150-1000	500	-275	996.1	13.8	01321100-0150-1000
1100	150	1050	0.9	550	-660	1354	16.1	01311100-0150-1050	500	-288	1014	14.2	01321100-0150-1050
1100	160	900	0.9	650	-545	1333	17.6	01311100-0160-0900	500	-250	955.9	13.3	01321100-0160-0900
1100	160	950	0.9	650	-566	1358	18.0	01311100-0160-0950	500	-263	973.5	13.7	01321100-0160-0950
1100	160	1000	0.9	650	-588	1383	18.4	01311100-0160-1000	500	-275	991.1	14.0	01321100-0160-1000
1100	160	1050	0.9	650	-610	1409	18.8	01311100-0160-1050	500	-288	1009	14.3	01321100-0160-1050
1100	180	900	0.9	650	-545	1327	17.9	01311100-0180-0900	500	-250	945.9	13.6	01321100-0180-0900
1100	180	950	0.9	650	-566	1352	18.4	01311100-0180-0950	500	-263	963.5	13.9	01321100-0180-0950

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1100	180	1000	0.9	650	-588	1377	18.8	01311100-0180-1000	500	-275	981.1	14.2	01321100-0180-1000
1100	180	1050	0.9	650	-610	1403	19.2	01311100-0180-1050	500	-288	998.7	14.6	01321100-0180-1050
1100	200	900	0.9	700	-520	1350	19.5	01311100-0200-0900	550	-225	971.1	15.1	01321100-0200-0900
1100	200	950	0.9	700	-541	1375	20.0	01311100-0200-0950	550	-238	988.7	15.4	01321100-0200-0950
1100	200	1000	0.9	700	-563	1401	20.4	01311100-0200-1000	550	-250	1006	15.8	01321100-0200-1000
1100	200	1050	0.9	700	-585	1426	20.9	01311100-0200-1050	550	-263	1024	16.1	01321100-0200-1050
1100	225	900	0.9	850	-445	1430	23.6	01311100-0225-0900	600	-200	993.8	16.6	01321100-0225-0900
1100	225	950	0.9	850	-466	1455	24.1	01311100-0225-0950	600	-213	1011	17.0	01321100-0225-0950
1100	225	1000	0.9	850	-488	1480	24.7	01311100-0225-1000	600	-225	1029	17.4	01321100-0225-1000
1100	225	1050	0.9	850	-510	1506	25.3	01311100-0225-1050	600	-238	1047	17.8	01321100-0225-1050
1100	250	900	0.9	850	-445	1422	24.1	01311100-0250-0900	600	-200	981.3	16.9	01321100-0250-0900
1100	250	950	0.9	850	-466	1447	24.7	01311100-0250-0950	600	-213	998.9	17.3	01321100-0250-0950
1100	250	1000	0.9	850	-488	1473	25.2	01311100-0250-1000	600	-225	1017	17.7	01321100-0250-1000
1100	250	1050	0.9	850	-510	1498	25.8	01311100-0250-1050	600	-238	1034	18.1	01321100-0250-1050
1100	275	900	0.9	850	-445	1415	24.6	01311100-0275-0900	700	-150	1039	19.7	01321100-0275-0900
1100	275	950	0.9	850	-466	1440	25.2	01311100-0275-0950	700	-163	1057	20.2	01321100-0275-0950
1100	275	1000	0.9	850	-488	1465	25.7	01311100-0275-1000	700	-175	1074	20.7	01321100-0275-1000
1100	275	1050	0.9	850	-510	1491	26.3	01311100-0275-1050	700	-188	1092	21.1	01321100-0275-1050
1100	300	900	0.9	950	-395	1465	27.6	01311100-0300-0900	700	-150	1027	20.1	01321100-0300-0900
1100	300	950	0.9	950	-416	1491	28.2	01311100-0300-0950	700	-163	1044	20.5	01321100-0300-0950
1100	300	1000	0.9	950	-438	1516	28.8	01311100-0300-1000	700	-175	1062	21.0	01321100-0300-1000
1100	300	1050	0.9	950	-460	1541	29.5	01311100-0300-1050	700	-188	1080	21.5	01321100-0300-1050
1100	315	900	0.9	1050	-345	1519	30.3	01311100-0315-0900	700	-150	1019	20.3	01321100-0315-0900
1100	315	950	0.9	1050	-366	1544	31.0	01311100-0315-0950	700	-163	1037	20.7	01321100-0315-0950
1100	315	1000	0.9	1050	-388	1570	31.7	01311100-0315-1000	700	-175	1054	21.2	01321100-0315-1000
1100	315	1050	0.9	1050	-410	1595	32.4	01311100-0315-1050	700	-188	1072	21.7	01321100-0315-1050
1100	350	900	0.9	1150	-295	1567	33.6	01311100-0350-0900	800	-100	1072	23.3	01321100-0350-0900
1100	350	950	0.9	1150	-316	1592	34.4	01311100-0350-0950	800	-113	1090	23.8	01321100-0350-0950
1100	350	1000	0.9	1150	-338	1617	35.1	01311100-0350-1000	800	-125	1107	24.3	01321100-0350-1000
1100	350	1050	0.9	1150	-360	1642	35.9	01311100-0350-1050	800	-138	1125	24.9	01321100-0350-1050
1100	400	900	0.9	1350	-195	1668	39.8	01311100-0400-0900	900	-50	1118	26.6	01321100-0400-0900
1100	400	950	0.9	1350	-216	1693	40.7	01311100-0400-0950	900	-63	1135	27.2	01321100-0400-0950
1100	400	1000	0.9	1350	-238	1718	41.6	01311100-0400-1000	900	-75	1153	27.8	01321100-0400-1000
1100	400	1050	0.9	1350	-260	1744	42.5	01311100-0400-1050	900	-88	1170	28.4	01321100-0400-1050
1100	450	900	0.9	1350	-195	1653	40.9	01311100-0450-0900	1050	25	1198	31.2	01321100-0450-0900
1100	450	950	0.9	1350	-216	1678	41.8	01311100-0450-0950	1050	13	1216	31.9	01321100-0450-0950
1100	450	1000	0.9	1350	-238	1703	42.8	01311100-0450-1000	1050	0	1233	32.6	01321100-0450-1000
1100	450	1050	0.9	1350	-260	1729	43.7	01311100-0450-1050	1050	-13	1251	33.3	01321100-0450-1050
1100	500	900	0.9	1350	-195	1638	42.0	01311100-0500-0900	1150	75	1244	34.7	01321100-0500-0900
1100	500	950	0.9	1350	-216	1663	43.0	01311100-0500-0950	1150	63	1261	35.5	01321100-0500-0950
1100	500	1000	0.9	1350	-238	1688	43.9	01311100-0500-1000	1150	50	1279	36.2	01321100-0500-1000
1100	500	1050	0.9	1350	-260	1714	44.8	01311100-0500-1050	1150	38	1296	37.0	01321100-0500-1050
1100	550	900	0.9	1550	-95	1739	48.5	01311100-0550-0900	1250	125	1289	38.2	01321100-0550-0900
1100	550	950	0.9	1550	-116	1764	49.6	01311100-0550-0950	1250	113	1307	39.0	01321100-0550-0950
1100	550	1000	0.9	1550	-138	1790	50.6	01311100-0550-1000	1250	100	1324	39.9	01321100-0550-1000
1100	550	1050	0.9	1550	-160	1815	51.7	01311100-0550-1050	1250	88	1342	40.7	01321100-0550-1050
1100	600	900	0.9	1750	5	1840	55.1	01311100-0600-0900	1250	125	1264	38.9	01321100-0600-0900
1100	600	950	0.9	1750	-16	1866	56.3	01311100-0600-0950	1250	113	1282	39.8	01321100-0600-0950
1100	600	1000	0.9	1750	-38	1891	57.5	01311100-0600-1000	1250	100	1299	40.6	01321100-0600-1000
1100	600	1050	0.9	1750	-60	1916	58.7	01311100-0600-1050	1250	88	1317	41.5	01321100-0600-1050
1100	630	900	0.9	1750	5	1831	55.9	01311100-0630-0900	1250	125	1249	39.3	01321100-0630-0900
1100	630	950	0.9	1750	-16	1857	57.1	01311100-0630-0950	1250	113	1267	40.2	01321100-0630-0950
1100	630	1000	0.9	1750	-38	1882	58.3	01311100-0630-1000	1250	100	1284	41.1	01321100-0630-1000
1100	630	1050	0.9	1750	-60	1907	59.5	01311100-0630-1050	1250	88	1302	41.9	01321100-0630-1050
1100	650	900	0.9	1750	5	1825	56.3	01311100-0650-0900	1250	125	1239	39.6	01321100-0650-0900
1100	650	950	0.9	1750	-16	1851	57.6	01311100-0650-0950	1250	113	1257	40.5	01321100-0650-0950
1100	650	1000	0.9	1750	-38	1876	58.8	01311100-0650-1000	1250	100	1274	41.3	01321100-0650-1000
1100	650	1050	0.9	1750	-60	1901	60.0	01311100-0650-1050	1250	88	1292	42.2	01321100-0650-1050
1100	700	900	0.9	1750	5	1810	57.5	01311100-0700-0900	1400	200	1320	44.7	01321100-0700-0900
1100	700	950	0.9	1750	-16	1836	58.8	01311100-0700-0950	1400	188	1337	45.7	01321100-0700-0950
1100	700	1000	0.9	1750	-38	1861	60.0	01311100-0700-1000	1400	175	1355	46.6	01321100-0700-1000
1100	700	1050	0.9	1750	-60	1886	61.2	01311100-0700-1050	1400	163	1373	47.6	01321100-0700-1050

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1100	750	900	0.9	1950	105	1912	64.4	01311100-0750-0900	1400	200	1295	45.4	01321100-0750-0900
1100	750	950	0.9	1950	84	1937	65.8	01311100-0750-0950	1400	188	1312	46.4	01321100-0750-0950
1100	750	1000	0.9	1950	62	1962	67.2	01311100-0750-1000	1400	175	1330	47.3	01321100-0750-1000
1100	750	1050	0.9	1950	40	1988	68.5	01311100-0750-1050	1400	163	1348	48.3	01321100-0750-1050
1100	800	900	0.9	1950	105	1897	65.7	01311100-0800-0900	1550	275	1375	50.6	01321100-0800-0900
1100	800	950	0.9	1950	84	1922	67.0	01311100-0800-0950	1550	263	1393	51.7	01321100-0800-0950
1100	800	1000	0.9	1950	62	1947	68.4	01311100-0800-1000	1550	250	1411	52.8	01321100-0800-1000
1100	800	1050	0.9	1950	40	1973	69.8	01311100-0800-1050	1550	238	1428	53.8	01321100-0800-1050
1100	850	900	0.9	1950	105	1882	66.9	01311100-0850-0900	1550	275	1350	51.3	01321100-0850-0900
1100	850	950	0.9	1950	84	1907	68.3	01311100-0850-0950	1550	263	1368	52.4	01321100-0850-0950
1100	850	1000	0.9	1950	62	1932	69.7	01311100-0850-1000	1550	250	1386	53.5	01321100-0850-1000
1100	850	1050	0.9	1950	40	1958	71.1	01311100-0850-1050	1550	238	1403	54.6	01321100-0850-1050
1100	900	900	0.9	1950	105	1867	68.1	01311100-0900-0900	1550	275	1325	52.0	01321100-0900-0900
1100	900	950	0.9	1950	84	1892	69.5	01311100-0900-0950	1550	263	1343	53.1	01321100-0900-0950
1100	900	1000	0.9	1950	62	1917	70.9	01311100-0900-1000	1550	250	1361	54.2	01321100-0900-1000
1100	900	1050	0.9	1950	40	1943	72.3	01311100-0900-1050	1550	238	1378	55.3	01321100-0900-1050
1100	950	900	0.9	1950	105	1852	69.2	01311100-0950-0900	1550	275	1300	52.6	01321100-0950-0900
1100	950	950	0.9	1950	84	1877	70.7	01311100-0950-0950	1550	263	1318	53.7	01321100-0950-0950
1100	950	1000	0.9	1950	62	1902	72.1	01311100-0950-1000	1550	250	1336	54.8	01321100-0950-1000
1100	950	1050	0.9	1950	40	1928	73.6	01311100-0950-1050	1550	238	1353	56.0	01321100-0950-1050
1100	1000	900	0.9	1950	105	1837	70.4	01311100-1000-0900	1550	275	1275	53.2	01321100-1000-0900
1100	1000	950	0.9	1950	84	1862	71.9	01311100-1000-0950	1550	263	1293	54.3	01321100-1000-0950
1100	1000	1000	0.9	1950	62	1887	73.3	01311100-1000-1000	1550	250	1311	55.5	01321100-1000-1000
1100	1000	1050	0.9	1950	40	1913	74.8	01311100-1000-1050	1550	238	1328	56.6	01321100-1000-1050
1100	1050	1000	0.9	1950	62	1872	74.5	01311100-1050-1000	1550	250	1286	56.0	01321100-1050-1000
1100	1050	1050	0.9	1950	40	1898	75.9	01311100-1050-1050	1550	238	1303	57.2	01321100-1050-1050
1150	80	950	0.9	450	-688	1291	12.0	01311150-0080-0950	400	-325	960.7	10.4	01321150-0080-0950
1150	80	1000	0.9	450	-710	1316	12.3	01311150-0080-1000	400	-338	978.3	10.7	01321150-0080-1000
1150	80	1050	0.9	450	-732	1342	12.5	01311150-0080-1050	400	-350	995.9	10.9	01321150-0080-1050
1150	80	1100	0.9	450	-753	1367	12.8	01311150-0080-1100	400	-363	1014	11.2	01321150-0080-1100
1150	100	950	0.9	450	-688	1285	12.4	01311150-0100-0950	400	-325	950.7	10.7	01321150-0100-0950
1150	100	1000	0.9	450	-710	1310	12.6	01311150-0100-1000	400	-338	968.3	11.0	01321150-0100-1000
1150	100	1050	0.9	450	-732	1336	12.9	01311150-0100-1050	400	-350	985.9	11.2	01321150-0100-1050
1150	100	1100	0.9	450	-753	1361	13.2	01311150-0100-1100	400	-363	1004	11.5	01321150-0100-1100
1150	120	950	0.9	500	-663	1308	13.9	01311150-0120-0950	450	-300	975.9	12.2	01321150-0120-0950
1150	120	1000	0.9	500	-685	1334	14.3	01311150-0120-1000	450	-313	993.5	12.5	01321150-0120-1000
1150	120	1050	0.9	500	-707	1359	14.6	01311150-0120-1050	450	-325	1011	12.8	01321150-0120-1050
1150	120	1100	0.9	500	-728	1384	14.9	01311150-0120-1100	450	-338	1029	13.0	01321150-0120-1100
1150	125	950	0.9	550	-638	1336	15.3	01311150-0125-0950	450	-300	973.4	12.3	01321150-0125-0950
1150	125	1000	0.9	550	-660	1361	15.6	01311150-0125-1000	450	-313	991	12.5	01321150-0125-1000
1150	125	1050	0.9	550	-682	1386	16.0	01311150-0125-1050	450	-325	1009	12.8	01321150-0125-1050
1150	125	1100	0.9	550	-703	1412	16.3	01311150-0125-1100	450	-338	1026	13.1	01321150-0125-1100
1150	140	950	0.9	550	-638	1331	15.5	01311150-0140-0950	450	-300	965.9	12.5	01321150-0140-0950
1150	140	1000	0.9	550	-660	1357	15.9	01311150-0140-1000	450	-313	983.5	12.8	01321150-0140-1000
1150	140	1050	0.9	550	-682	1382	16.3	01311150-0140-1050	450	-325	1001	13.0	01321150-0140-1050
1150	140	1100	0.9	550	-703	1407	16.6	01311150-0140-1100	450	-338	1019	13.3	01321150-0140-1100
1150	150	950	0.9	550	-638	1328	15.7	01311150-0150-0950	500	-275	996.1	13.8	01321150-0150-0950
1150	150	1000	0.9	550	-660	1354	16.1	01311150-0150-1000	500	-288	1014	14.2	01321150-0150-1000
1150	150	1050	0.9	550	-682	1379	16.5	01311150-0150-1050	500	-300	1031	14.5	01321150-0150-1050
1150	150	1100	0.9	550	-703	1404	16.8	01311150-0150-1100	500	-313	1049	14.8	01321150-0150-1100
1150	160	950	0.9	650	-588	1383	18.4	01311150-0160-0950	500	-275	991.1	14.0	01321150-0160-0950
1150	160	1000	0.9	650	-610	1409	18.8	01311150-0160-1000	500	-288	1009	14.3	01321150-0160-1000
1150	160	1050	0.9	650	-632	1434	19.2	01311150-0160-1050	500	-300	1026	14.6	01321150-0160-1050
1150	160	1100	0.9	650	-653	1459	19.7	01311150-0160-1100	500	-313	1044	14.9	01321150-0160-1100
1150	180	950	0.9	650	-588	1377	18.8	01311150-0180-0950	500	-275	981.1	14.2	01321150-0180-0950
1150	180	1000	0.9	650	-610	1403	19.2	01311150-0180-1000	500	-288	998.7	14.6	01321150-0180-1000
1150	180	1050	0.9	650	-632	1428	19.6	01311150-0180-1050	500	-300	1016	14.9	01321150-0180-1050
1150	180	1100	0.9	650	-653	1453	20.1	01311150-0180-1100	500	-313	1034	15.2	01321150-0180-1100
1150	200	950	0.9	700	-563	1401	20.4	01311150-0200-0950	550	-250	1006	15.8	01321150-0200-0950
1150	200	1000	0.9	700	-585	1426	20.9	01311150-0200-1000	550	-263	1024	16.1	01321150-0200-1000
1150	200	1050	0.9	700	-607	1451	21.4	01311150-0200-1050	550	-275	1042	16.5	01321150-0200-1050
1150	200	1100	0.9	700	-628	1476	21.8	01311150-0200-1100	550	-288	1059	16.8	01321150-0200-1100

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1150	225	950	0.9	850	-488	1480	24.7	01311150-0225-0950	600	-225	1029	17.4	01321150-0225-0950
1150	225	1000	0.9	850	-510	1506	25.3	01311150-0225-1000	600	-238	1047	17.8	01321150-0225-1000
1150	225	1050	0.9	850	-532	1531	25.8	01311150-0225-1050	600	-250	1064	18.2	01321150-0225-1050
1150	225	1100	0.9	850	-553	1556	26.4	01311150-0225-1100	600	-263	1082	18.6	01321150-0225-1100
1150	250	950	0.9	850	-488	1473	25.2	01311150-0250-0950	600	-225	1017	17.7	01321150-0250-0950
1150	250	1000	0.9	850	-510	1498	25.8	01311150-0250-1000	600	-238	1034	18.1	01321150-0250-1000
1150	250	1050	0.9	850	-532	1523	26.4	01311150-0250-1050	600	-250	1052	18.5	01321150-0250-1050
1150	250	1100	0.9	850	-553	1549	26.9	01311150-0250-1100	600	-263	1069	18.9	01321150-0250-1100
1150	275	950	0.9	850	-488	1465	25.7	01311150-0275-0950	700	-175	1074	20.7	01321150-0275-0950
1150	275	1000	0.9	850	-510	1491	26.3	01311150-0275-1000	700	-188	1092	21.1	01321150-0275-1000
1150	275	1050	0.9	850	-532	1516	26.9	01311150-0275-1050	700	-200	1110	21.6	01321150-0275-1050
1150	275	1100	0.9	850	-553	1541	27.5	01311150-0275-1100	700	-213	1127	22.0	01321150-0275-1100
1150	300	950	0.9	950	-438	1516	28.8	01311150-0300-0950	700	-175	1062	21.0	01321150-0300-0950
1150	300	1000	0.9	950	-460	1541	29.5	01311150-0300-1000	700	-188	1080	21.5	01321150-0300-1000
1150	300	1050	0.9	950	-482	1566	30.1	01311150-0300-1050	700	-200	1097	21.9	01321150-0300-1050
1150	300	1100	0.9	950	-503	1592	30.7	01311150-0300-1100	700	-213	1115	22.4	01321150-0300-1100
1150	315	950	0.9	1050	-388	1570	31.7	01311150-0315-0950	700	-175	1054	21.2	01321150-0315-0950
1150	315	1000	0.9	1050	-410	1595	32.4	01311150-0315-1000	700	-188	1072	21.7	01321150-0315-1000
1150	315	1050	0.9	1050	-432	1620	33.1	01311150-0315-1050	700	-200	1090	22.1	01321150-0315-1050
1150	315	1100	0.9	1050	-453	1645	33.8	01311150-0315-1100	700	-213	1107	22.6	01321150-0315-1100
1150	350	950	0.9	1150	-338	1617	35.1	01311150-0350-0950	800	-125	1107	24.3	01321150-0350-0950
1150	350	1000	0.9	1150	-360	1642	35.9	01311150-0350-1000	800	-138	1125	24.9	01321150-0350-1000
1150	350	1050	0.9	1150	-382	1668	36.7	01311150-0350-1050	800	-150	1143	25.4	01321150-0350-1050
1150	350	1100	0.9	1150	-403	1693	37.4	01311150-0350-1100	800	-163	1160	26.0	01321150-0350-1100
1150	400	950	0.9	1350	-238	1718	41.6	01311150-0400-0950	900	-75	1153	27.8	01321150-0400-0950
1150	400	1000	0.9	1350	-260	1744	42.5	01311150-0400-1000	900	-88	1170	28.4	01321150-0400-1000
1150	400	1050	0.9	1350	-282	1769	43.4	01311150-0400-1050	900	-100	1188	29.0	01321150-0400-1050
1150	400	1100	0.9	1350	-303	1794	44.3	01311150-0400-1100	900	-113	1206	29.6	01321150-0400-1100
1150	450	950	0.9	1350	-238	1703	42.8	01311150-0450-0950	1050	0	1233	32.6	01321150-0450-0950
1150	450	1000	0.9	1350	-260	1729	43.7	01311150-0450-1000	1050	-13	1251	33.3	01321150-0450-1000
1150	450	1050	0.9	1350	-282	1754	44.6	01311150-0450-1050	1050	-25	1269	34.0	01321150-0450-1050
1150	450	1100	0.9	1350	-303	1779	45.5	01311150-0450-1100	1050	-38	1286	34.7	01321150-0450-1100
1150	500	950	0.9	1350	-238	1688	43.9	01311150-0500-0950	1150	50	1279	36.2	01321150-0500-0950
1150	500	1000	0.9	1350	-260	1714	44.8	01311150-0500-1000	1150	38	1296	37.0	01321150-0500-1000
1150	500	1050	0.9	1350	-282	1739	45.8	01311150-0500-1050	1150	25	1314	37.8	01321150-0500-1050
1150	500	1100	0.9	1350	-303	1764	46.7	01311150-0500-1100	1150	13	1332	38.5	01321150-0500-1100
1150	550	950	0.9	1550	-138	1790	50.6	01311150-0550-0950	1250	100	1324	39.9	01321150-0550-0950
1150	550	1000	0.9	1550	-160	1815	51.7	01311150-0550-1000	1250	88	1342	40.7	01321150-0550-1000
1150	550	1050	0.9	1550	-182	1840	52.8	01311150-0550-1050	1250	75	1360	41.5	01321150-0550-1050
1150	550	1100	0.9	1550	-203	1866	53.8	01311150-0550-1100	1250	63	1377	42.4	01321150-0550-1100
1150	600	950	0.9	1750	-38	1891	57.5	01311150-0600-0950	1250	100	1299	40.6	01321150-0600-0950
1150	600	1000	0.9	1750	-60	1916	58.7	01311150-0600-1000	1250	88	1317	41.5	01321150-0600-1000
1150	600	1050	0.9	1750	-82	1942	59.9	01311150-0600-1050	1250	75	1335	42.3	01321150-0600-1050
1150	600	1100	0.9	1750	-103	1967	61.1	01311150-0600-1100	1250	63	1352	43.2	01321150-0600-1100
1150	630	950	0.9	1750	-38	1882	58.3	01311150-0630-0950	1250	100	1284	41.1	01321150-0630-0950
1150	630	1000	0.9	1750	-60	1907	59.5	01311150-0630-1000	1250	88	1302	41.9	01321150-0630-1000
1150	630	1050	0.9	1750	-82	1933	60.7	01311150-0630-1050	1250	75	1320	42.8	01321150-0630-1050
1150	630	1100	0.9	1750	-103	1958	61.9	01311150-0630-1100	1250	63	1337	43.6	01321150-0630-1100
1150	650	950	0.9	1750	-38	1876	58.8	01311150-0650-0950	1250	100	1274	41.3	01321150-0650-0950
1150	650	1000	0.9	1750	-60	1901	60.0	01311150-0650-1000	1250	88	1292	42.2	01321150-0650-1000
1150	650	1050	0.9	1750	-82	1927	61.2	01311150-0650-1050	1250	75	1310	43.1	01321150-0650-1050
1150	650	1100	0.9	1750	-103	1952	62.4	01311150-0650-1100	1250	63	1327	43.9	01321150-0650-1100
1150	700	950	0.9	1750	-38	1861	60.0	01311150-0700-0950	1400	175	1355	46.6	01321150-0700-0950
1150	700	1000	0.9	1750	-60	1886	61.2	01311150-0700-1000	1400	163	1373	47.6	01321150-0700-1000
1150	700	1050	0.9	1750	-82	1912	62.5	01311150-0700-1050	1400	150	1390	48.5	01321150-0700-1050
1150	700	1100	0.9	1750	-103	1937	63.7	01311150-0700-1100	1400	138	1408	49.5	01321150-0700-1100
1150	750	950	0.9	1950	62	1962	67.2	01311150-0750-0950	1400	175	1330	47.3	01321150-0750-0950
1150	750	1000	0.9	1950	40	1988	68.5	01311150-0750-1000	1400	163	1348	48.3	01321150-0750-1000
1150	750	1050	0.9	1950	18	2013	69.9	01311150-0750-1050	1400	150	1365	49.3	01321150-0750-1050
1150	750	1100	0.9	1950	-3	2038	71.2	01311150-0750-1100	1400	138	1383	50.3	01321150-0750-1100
1150	800	950	0.9	1950	62	1947	68.4	01311150-0800-0950	1550	250	1411	52.8	01321150-0800-0950
1150	800	1000	0.9	1950	40	1973	69.8	01311150-0800-1000	1550	238	1428	53.8	01321150-0800-1000

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1150	800	1050	0.9	1950	18	1998	71.2	01311150-0800-1050	1550	225	1446	54.9	01321150-0800-1050
1150	800	1100	0.9	1950	-3	2023	72.6	01311150-0800-1100	1550	213	1463	56.0	01321150-0800-1100
1150	850	950	0.9	1950	62	1932	69.7	01311150-0850-0950	1550	250	1386	53.5	01321150-0850-0950
1150	850	1000	0.9	1950	40	1958	71.1	01311150-0850-1000	1550	238	1403	54.6	01321150-0850-1000
1150	850	1050	0.9	1950	18	1983	72.5	01311150-0850-1050	1550	225	1421	55.7	01321150-0850-1050
1150	850	1100	0.9	1950	-3	2008	73.9	01311150-0850-1100	1550	213	1438	56.7	01321150-0850-1100
1150	900	950	0.9	1950	62	1917	70.9	01311150-0900-0950	1550	250	1361	54.2	01321150-0900-0950
1150	900	1000	0.9	1950	40	1943	72.3	01311150-0900-1000	1550	238	1378	55.3	01321150-0900-1000
1150	900	1050	0.9	1950	18	1968	73.7	01311150-0900-1050	1550	225	1396	56.4	01321150-0900-1050
1150	900	1100	0.9	1950	-3	1993	75.2	01311150-0900-1100	1550	213	1413	57.5	01321150-0900-1100
1150	950	950	0.9	1950	62	1902	72.1	01311150-0950-0950	1550	250	1336	54.8	01321150-0950-0950
1150	950	1000	0.9	1950	40	1928	73.6	01311150-0950-1000	1550	238	1353	56.0	01321150-0950-1000
1150	950	1050	0.9	1950	18	1953	75.0	01311150-0950-1050	1550	225	1371	57.1	01321150-0950-1050
1150	950	1100	0.9	1950	-3	1978	76.4	01311150-0950-1100	1550	213	1388	58.2	01321150-0950-1100
1150	1000	950	0.9	1950	62	1887	73.3	01311150-1000-0950	1550	250	1311	55.5	01321150-1000-0950
1150	1000	1000	0.9	1950	40	1913	74.8	01311150-1000-1000	1550	238	1328	56.6	01321150-1000-1000
1150	1000	1050	0.9	1950	18	1938	76.2	01311150-1000-1050	1550	225	1346	57.7	01321150-1000-1050
1150	1000	1100	0.9	1950	-3	1963	77.7	01311150-1000-1100	1550	213	1363	58.8	01321150-1000-1100
1150	1050	950	0.9	1950	62	1872	74.5	01311150-1050-0950	1550	250	1286	56.0	01321150-1050-0950
1150	1050	1000	0.9	1950	40	1898	75.9	01311150-1050-1000	1550	238	1303	57.2	01321150-1050-1000
1150	1050	1050	0.9	1950	18	1923	77.4	01311150-1050-1050	1550	225	1321	58.3	01321150-1050-1050
1150	1050	1100	0.9	1950	-3	1948	78.9	01311150-1050-1100	1550	213	1338	59.4	01321150-1050-1100
1150	1100	1050	0.9	1950	18	1908	78.6	01311150-1100-1050	1550	225	1296	58.9	01321150-1100-1050
1150	1100	1100	0.9	1950	-3	1933	80.1	01311150-1100-1100	1550	213	1313	60.0	01321150-1100-1100
1200	80	1000	0.9	450	-732	1342	12.5	01311200-0080-1000	400	-350	995.9	10.9	01321200-0080-1000
1200	80	1050	0.9	450	-753	1367	12.8	01311200-0080-1050	400	-363	1014	11.2	01321200-0080-1050
1200	80	1100	0.9	450	-775	1392	13.1	01311200-0080-1100	400	-375	1031	11.4	01321200-0080-1100
1200	80	1150	0.9	450	-797	1418	13.4	01311200-0080-1150	400	-388	1049	11.7	01321200-0080-1150
1200	100	1000	0.9	450	-732	1336	12.9	01311200-0100-1000	400	-350	985.9	11.2	01321200-0100-1000
1200	100	1050	0.9	450	-753	1361	13.2	01311200-0100-1050	400	-363	1004	11.5	01321200-0100-1050
1200	100	1100	0.9	450	-775	1386	13.5	01311200-0100-1100	400	-375	1021	11.7	01321200-0100-1100
1200	100	1150	0.9	450	-797	1412	13.8	01311200-0100-1150	400	-388	1039	11.9	01321200-0100-1150
1200	120	1000	0.9	500	-707	1359	14.6	01311200-0120-1000	450	-325	1011	12.8	01321200-0120-1000
1200	120	1050	0.9	500	-728	1384	14.9	01311200-0120-1050	450	-338	1029	13.0	01321200-0120-1050
1200	120	1100	0.9	500	-750	1409	15.2	01311200-0120-1100	450	-350	1046	13.3	01321200-0120-1100
1200	120	1150	0.9	500	-772	1435	15.6	01311200-0120-1150	450	-363	1064	13.6	01321200-0120-1150
1200	125	1000	0.9	550	-682	1386	16.0	01311200-0125-1000	450	-325	1009	12.8	01321200-0125-1000
1200	125	1050	0.9	550	-703	1412	16.3	01311200-0125-1050	450	-338	1026	13.1	01321200-0125-1050
1200	125	1100	0.9	550	-725	1437	16.7	01311200-0125-1100	450	-350	1044	13.4	01321200-0125-1100
1200	125	1150	0.9	550	-747	1462	17.0	01311200-0125-1150	450	-363	1061	13.7	01321200-0125-1150
1200	140	1000	0.9	550	-682	1382	16.3	01311200-0140-1000	450	-325	1001	13.0	01321200-0140-1000
1200	140	1050	0.9	550	-703	1407	16.6	01311200-0140-1050	450	-338	1019	13.3	01321200-0140-1050
1200	140	1100	0.9	550	-725	1432	17.0	01311200-0140-1100	450	-350	1036	13.6	01321200-0140-1100
1200	140	1150	0.9	550	-747	1458	17.3	01311200-0140-1150	450	-363	1054	13.9	01321200-0140-1150
1200	150	1000	0.9	550	-682	1379	16.5	01311200-0150-1000	500	-300	1031	14.5	01321200-0150-1000
1200	150	1050	0.9	550	-703	1404	16.8	01311200-0150-1050	500	-313	1049	14.8	01321200-0150-1050
1200	150	1100	0.9	550	-725	1429	17.2	01311200-0150-1100	500	-325	1067	15.1	01321200-0150-1100
1200	150	1150	0.9	550	-747	1455	17.5	01311200-0150-1150	500	-338	1084	15.4	01321200-0150-1150
1200	160	1000	0.9	650	-632	1434	19.2	01311200-0160-1000	500	-300	1026	14.6	01321200-0160-1000
1200	160	1050	0.9	650	-653	1459	19.7	01311200-0160-1050	500	-313	1044	14.9	01321200-0160-1050
1200	160	1100	0.9	650	-675	1485	20.1	01311200-0160-1100	500	-325	1062	15.3	01321200-0160-1100
1200	160	1150	0.9	650	-697	1510	20.5	01311200-0160-1150	500	-338	1079	15.6	01321200-0160-1150
1200	180	1000	0.9	650	-632	1428	19.6	01311200-0180-1000	500	-300	1016	14.9	01321200-0180-1000
1200	180	1050	0.9	650	-653	1453	20.1	01311200-0180-1050	500	-313	1034	15.2	01321200-0180-1050
1200	180	1100	0.9	650	-675	1479	20.5	01311200-0180-1100	500	-325	1052	15.5	01321200-0180-1100
1200	180	1150	0.9	650	-697	1504	20.9	01311200-0180-1150	500	-338	1069	15.9	01321200-0180-1150
1200	200	1000	0.9	700	-607	1451	21.4	01311200-0200-1000	550	-275	1042	16.5	01321200-0200-1000
1200	200	1050	0.9	700	-628	1476	21.8	01311200-0200-1050	550	-288	1059	16.8	01321200-0200-1050
1200	200	1100	0.9	700	-650	1502	22.3	01311200-0200-1100	550	-300	1077	17.2	01321200-0200-1100
1200	200	1150	0.9	700	-672	1527	22.7	01311200-0200-1150	550	-313	1094	17.6	01321200-0200-1150
1200	225	1000	0.9	850	-532	1531	25.8	01311200-0225-1000	600	-250	1064	18.2	01321200-0225-1000
1200	225	1050	0.9	850	-553	1556	26.4	01311200-0225-1050	600	-263	1082	18.6	01321200-0225-1050

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1200	225	1100	0.9	850	-575	1581	26.9	01311200-0225-1100	600	-275	1099	18.9	01321200-0225-1100
1200	225	1150	0.9	850	-597	1607	27.5	01311200-0225-1150	600	-288	1117	19.3	01321200-0225-1150
1200	250	1000	0.9	850	-532	1523	26.4	01311200-0250-1000	600	-250	1052	18.5	01321200-0250-1000
1200	250	1050	0.9	850	-553	1549	26.9	01311200-0250-1050	600	-263	1069	18.9	01321200-0250-1050
1200	250	1100	0.9	850	-575	1574	27.5	01311200-0250-1100	600	-275	1087	19.3	01321200-0250-1100
1200	250	1150	0.9	850	-597	1599	28.0	01311200-0250-1150	600	-288	1105	19.7	01321200-0250-1150
1200	275	1000	0.9	850	-532	1516	26.9	01311200-0275-1000	700	-200	1110	21.6	01321200-0275-1000
1200	275	1050	0.9	850	-553	1541	27.5	01311200-0275-1050	700	-213	1127	22.0	01321200-0275-1050
1200	275	1100	0.9	850	-575	1566	28.0	01311200-0275-1100	700	-225	1145	22.5	01321200-0275-1100
1200	275	1150	0.9	850	-597	1592	28.6	01311200-0275-1150	700	-238	1163	23.0	01321200-0275-1150
1200	300	1000	0.9	950	-482	1566	30.1	01311200-0300-1000	700	-200	1097	21.9	01321200-0300-1000
1200	300	1050	0.9	950	-503	1592	30.7	01311200-0300-1050	700	-213	1115	22.4	01321200-0300-1050
1200	300	1100	0.9	950	-525	1617	31.4	01311200-0300-1100	700	-225	1132	22.9	01321200-0300-1100
1200	300	1150	0.9	950	-547	1642	32.0	01311200-0300-1150	700	-238	1150	23.3	01321200-0300-1150
1200	315	1000	0.9	1050	-432	1620	33.1	01311200-0315-1000	700	-200	1090	22.1	01321200-0315-1000
1200	315	1050	0.9	1050	-453	1645	33.8	01311200-0315-1050	700	-213	1107	22.6	01321200-0315-1050
1200	315	1100	0.9	1050	-475	1671	34.5	01311200-0315-1100	700	-225	1125	23.1	01321200-0315-1100
1200	315	1150	0.9	1050	-497	1696	35.2	01311200-0315-1150	700	-238	1143	23.6	01321200-0315-1150
1200	350	1000	0.9	1150	-382	1668	36.7	01311200-0350-1000	800	-150	1143	25.4	01321200-0350-1000
1200	350	1050	0.9	1150	-403	1693	37.4	01311200-0350-1050	800	-163	1160	26.0	01321200-0350-1050
1200	350	1100	0.9	1150	-425	1718	38.2	01311200-0350-1100	800	-175	1178	26.5	01321200-0350-1100
1200	350	1150	0.9	1150	-447	1744	39.0	01311200-0350-1150	800	-188	1195	27.0	01321200-0350-1150
1200	400	1000	0.9	1350	-282	1769	43.4	01311200-0400-1000	900	-100	1188	29.0	01321200-0400-1000
1200	400	1050	0.9	1350	-303	1794	44.3	01311200-0400-1050	900	-113	1206	29.6	01321200-0400-1050
1200	400	1100	0.9	1350	-325	1820	45.2	01311200-0400-1100	900	-125	1223	30.2	01321200-0400-1100
1200	400	1150	0.9	1350	-347	1845	46.1	01311200-0400-1150	900	-138	1241	30.8	01321200-0400-1150
1200	450	1000	0.9	1350	-282	1754	44.6	01311200-0450-1000	1050	-25	1269	34.0	01321200-0450-1000
1200	450	1050	0.9	1350	-303	1779	45.5	01311200-0450-1050	1050	-38	1286	34.7	01321200-0450-1050
1200	450	1100	0.9	1350	-325	1805	46.4	01311200-0450-1100	1050	-50	1304	35.4	01321200-0450-1100
1200	450	1150	0.9	1350	-347	1830	47.3	01311200-0450-1150	1050	-63	1321	36.1	01321200-0450-1150
1200	500	1000	0.9	1350	-282	1739	45.8	01311200-0500-1000	1150	25	1314	37.8	01321200-0500-1000
1200	500	1050	0.9	1350	-303	1764	46.7	01311200-0500-1050	1150	13	1332	38.5	01321200-0500-1050
1200	500	1100	0.9	1350	-325	1790	47.6	01311200-0500-1100	1150	0	1349	39.3	01321200-0500-1100
1200	500	1150	0.9	1350	-347	1815	48.6	01311200-0500-1150	1150	-13	1367	40.1	01321200-0500-1150
1200	550	1000	0.9	1550	-182	1840	52.8	01311200-0550-1000	1250	75	1360	41.5	01321200-0550-1000
1200	550	1050	0.9	1550	-203	1866	53.8	01311200-0550-1050	1250	63	1377	42.4	01321200-0550-1050
1200	550	1100	0.9	1550	-225	1891	54.9	01311200-0550-1100	1250	50	1395	43.2	01321200-0550-1100
1200	550	1150	0.9	1550	-247	1916	56.0	01311200-0550-1150	1250	38	1412	44.0	01321200-0550-1150
1200	600	1000	0.9	1750	-82	1942	59.9	01311200-0600-1000	1250	75	1335	42.3	01321200-0600-1000
1200	600	1050	0.9	1750	-103	1967	61.1	01311200-0600-1050	1250	63	1352	43.2	01321200-0600-1050
1200	600	1100	0.9	1750	-125	1992	62.3	01311200-0600-1100	1250	50	1370	44.0	01321200-0600-1100
1200	600	1150	0.9	1750	-147	2017	63.5	01311200-0600-1150	1250	38	1387	44.9	01321200-0600-1150
1200	630	1000	0.9	1750	-82	1933	60.7	01311200-0630-1000	1250	75	1320	42.8	01321200-0630-1000
1200	630	1050	0.9	1750	-103	1958	61.9	01311200-0630-1050	1250	63	1337	43.6	01321200-0630-1050
1200	630	1100	0.9	1750	-125	1983	63.1	01311200-0630-1100	1250	50	1355	44.5	01321200-0630-1100
1200	630	1150	0.9	1750	-147	2008	64.3	01311200-0630-1150	1250	38	1372	45.3	01321200-0630-1150
1200	650	1000	0.9	1750	-82	1927	61.2	01311200-0650-1000	1250	75	1310	43.1	01321200-0650-1000
1200	650	1050	0.9	1750	-103	1952	62.4	01311200-0650-1050	1250	63	1327	43.9	01321200-0650-1050
1200	650	1100	0.9	1750	-125	1977	63.6	01311200-0650-1100	1250	50	1345	44.8	01321200-0650-1100
1200	650	1150	0.9	1750	-147	2002	64.8	01311200-0650-1150	1250	38	1362	45.7	01321200-0650-1150
1200	700	1000	0.9	1750	-82	1912	62.5	01311200-0700-1000	1400	150	1390	48.5	01321200-0700-1000
1200	700	1050	0.9	1750	-103	1937	63.7	01311200-0700-1050	1400	138	1408	49.5	01321200-0700-1050
1200	700	1100	0.9	1750	-125	1962	64.9	01311200-0700-1100	1400	125	1425	50.5	01321200-0700-1100
1200	700	1150	0.9	1750	-147	1987	66.2	01311200-0700-1150	1400	113	1443	51.4	01321200-0700-1150
1200	750	1000	0.9	1950	18	2013	69.9	01311200-0750-1000	1400	150	1365	49.3	01321200-0750-1000
1200	750	1050	0.9	1950	-3	2038	71.2	01311200-0750-1050	1400	138	1383	50.3	01321200-0750-1050
1200	750	1100	0.9	1950	-25	2063	72.6	01311200-0750-1100	1400	125	1400	51.2	01321200-0750-1100
1200	750	1150	0.9	1950	-47	2089	74.0	01311200-0750-1150	1400	113	1418	52.2	01321200-0750-1150
1200	800	1000	0.9	1950	18	1998	71.2	01311200-0800-1000	1550	225	1446	54.9	01321200-0800-1000
1200	800	1050	0.9	1950	-3	2023	72.6	01311200-0800-1050	1550	213	1463	56.0	01321200-0800-1050
1200	800	1100	0.9	1950	-25	2048	74.0	01311200-0800-1100	1550	200	1481	57.0	01321200-0800-1100
1200	800	1150	0.9	1950	-47	2074	75.3	01311200-0800-1150	1550	188	1499	58.1	01321200-0800-1150

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1200	850	1000	0.9	1950	18	1983	72.5	01311200-0850-1000	1550	225	1421	55.7	01321200-0850-1000
1200	850	1050	0.9	1950	-3	2008	73.9	01311200-0850-1050	1550	213	1438	56.7	01321200-0850-1050
1200	850	1100	0.9	1950	-25	2033	75.3	01311200-0850-1100	1550	200	1456	57.8	01321200-0850-1100
1200	850	1150	0.9	1950	-47	2059	76.7	01311200-0850-1150	1550	188	1474	58.9	01321200-0850-1150
1200	900	1000	0.9	1950	18	1968	73.7	01311200-0900-1000	1550	225	1396	56.4	01321200-0900-1000
1200	900	1050	0.9	1950	-3	1993	75.2	01311200-0900-1050	1550	213	1413	57.5	01321200-0900-1050
1200	900	1100	0.9	1950	-25	2018	76.6	01311200-0900-1100	1550	200	1431	58.6	01321200-0900-1100
1200	900	1150	0.9	1950	-47	2044	78.0	01311200-0900-1150	1550	188	1449	59.7	01321200-0900-1150
1200	950	1000	0.9	1950	18	1953	75.0	01311200-0950-1000	1550	225	1371	57.1	01321200-0950-1000
1200	950	1050	0.9	1950	-3	1978	76.4	01311200-0950-1050	1550	213	1388	58.2	01321200-0950-1050
1200	950	1100	0.9	1950	-25	2003	77.9	01311200-0950-1100	1550	200	1406	59.3	01321200-0950-1100
1200	950	1150	0.9	1950	-47	2029	79.3	01311200-0950-1150	1550	188	1424	60.4	01321200-0950-1150
1200	1000	1000	0.9	1950	18	1938	76.2	01311200-1000-1000	1550	225	1346	57.7	01321200-1000-1000
1200	1000	1050	0.9	1950	-3	1963	77.7	01311200-1000-1050	1550	213	1363	58.8	01321200-1000-1050
1200	1000	1100	0.9	1950	-25	1988	79.1	01311200-1000-1100	1550	200	1381	59.9	01321200-1000-1100
1200	1000	1150	0.9	1950	-47	2014	80.6	01311200-1000-1150	1550	188	1399	61.1	01321200-1000-1150
1200	1050	1000	0.9	1950	18	1923	77.4	01311200-1050-1000	1550	225	1321	58.3	01321200-1050-1000
1200	1050	1050	0.9	1950	-3	1948	78.9	01311200-1050-1050	1550	213	1338	59.4	01321200-1050-1050
1200	1050	1100	0.9	1950	-25	1973	80.4	01311200-1050-1100	1550	200	1356	60.6	01321200-1050-1100
1200	1050	1150	0.9	1950	-47	1999	81.8	01311200-1050-1150	1550	188	1374	61.7	01321200-1050-1150
1200	1100	1000	0.9	1950	18	1908	78.6	01311200-1100-1000	1550	225	1296	58.9	01321200-1100-1000
1200	1100	1050	0.9	1950	-3	1933	80.1	01311200-1100-1050	1550	213	1313	60.0	01321200-1100-1050
1200	1100	1100	0.9	1950	-25	1958	81.6	01311200-1100-1100	1550	200	1331	61.2	01321200-1100-1100
1200	1100	1150	0.9	1950	-47	1984	83.1	01311200-1100-1150	1550	188	1349	62.3	01321200-1100-1150
1200	1150	1100	0.9	1950	-25	1943	82.8	01311200-1150-1100	1550	200	1306	61.7	01321200-1150-1100
1200	1150	1150	0.9	1950	-47	1969	84.3	01311200-1150-1150	1550	188	1324	62.9	01321200-1150-1150
1250	80	1050	0.9	450	-775	1392	13.1	01311250-0080-1050	400	-375	1031	11.4	01321250-0080-1050
1250	80	1100	0.9	450	-797	1418	13.4	01311250-0080-1100	400	-388	1049	11.7	01321250-0080-1100
1250	80	1150	0.9	450	-818	1443	13.7	01311250-0080-1150	400	-400	1066	11.9	01321250-0080-1150
1250	80	1200	0.9	450	-840	1468	13.9	01311250-0080-1200	400	-413	1084	12.1	01321250-0080-1200
1250	100	1050	0.9	450	-775	1386	13.5	01311250-0100-1050	400	-375	1021	11.7	01321250-0100-1050
1250	100	1100	0.9	450	-797	1412	13.8	01311250-0100-1100	400	-388	1039	11.9	01321250-0100-1100
1250	100	1150	0.9	450	-818	1437	14.1	01311250-0100-1150	400	-400	1056	12.2	01321250-0100-1150
1250	100	1200	0.9	450	-840	1462	14.4	01311250-0100-1200	400	-413	1074	12.4	01321250-0100-1200
1250	120	1050	0.9	500	-750	1409	15.2	01311250-0120-1050	450	-350	1046	13.3	01321250-0120-1050
1250	120	1100	0.9	500	-772	1435	15.6	01311250-0120-1100	450	-363	1064	13.6	01321250-0120-1100
1250	120	1150	0.9	500	-793	1460	15.9	01311250-0120-1150	450	-375	1082	13.9	01321250-0120-1150
1250	120	1200	0.9	500	-815	1485	16.2	01311250-0120-1200	450	-388	1099	14.2	01321250-0120-1200
1250	125	1050	0.9	550	-725	1437	16.7	01311250-0125-1050	450	-350	1044	13.4	01321250-0125-1050
1250	125	1100	0.9	550	-747	1462	17.0	01311250-0125-1100	450	-363	1061	13.7	01321250-0125-1100
1250	125	1150	0.9	550	-768	1487	17.4	01311250-0125-1150	450	-375	1079	14.0	01321250-0125-1150
1250	125	1200	0.9	550	-790	1513	17.7	01311250-0125-1200	450	-388	1097	14.2	01321250-0125-1200
1250	140	1050	0.9	550	-725	1432	17.0	01311250-0140-1050	450	-350	1036	13.6	01321250-0140-1050
1250	140	1100	0.9	550	-747	1458	17.3	01311250-0140-1100	450	-363	1054	13.9	01321250-0140-1100
1250	140	1150	0.9	550	-768	1483	17.7	01311250-0140-1150	450	-375	1072	14.2	01321250-0140-1150
1250	140	1200	0.9	550	-790	1508	18.0	01311250-0140-1200	450	-388	1089	14.5	01321250-0140-1200
1250	150	1050	0.9	550	-725	1429	17.2	01311250-0150-1050	500	-325	1067	15.1	01321250-0150-1050
1250	150	1100	0.9	550	-747	1455	17.5	01311250-0150-1100	500	-338	1084	15.4	01321250-0150-1100
1250	150	1150	0.9	550	-768	1480	17.9	01311250-0150-1150	500	-350	1102	15.7	01321250-0150-1150
1250	150	1200	0.9	550	-790	1505	18.3	01311250-0150-1200	500	-363	1119	16.1	01321250-0150-1200
1250	160	1050	0.9	650	-675	1485	20.1	01311250-0160-1050	500	-325	1062	15.3	01321250-0160-1050
1250	160	1100	0.9	650	-697	1510	20.5	01311250-0160-1100	500	-338	1079	15.6	01321250-0160-1100
1250	160	1150	0.9	650	-718	1535	20.9	01311250-0160-1150	500	-350	1097	15.9	01321250-0160-1150
1250	160	1200	0.9	650	-740	1560	21.3	01311250-0160-1200	500	-363	1114	16.2	01321250-0160-1200
1250	180	1050	0.9	650	-675	1479	20.5	01311250-0180-1050	500	-325	1052	15.5	01321250-0180-1050
1250	180	1100	0.9	650	-697	1504	20.9	01311250-0180-1100	500	-338	1069	15.9	01321250-0180-1100
1250	180	1150	0.9	650	-718	1529	21.4	01311250-0180-1150	500	-350	1087	16.2	01321250-0180-1150
1250	180	1200	0.9	650	-740	1554	21.8	01311250-0180-1200	500	-363	1104	16.5	01321250-0180-1200
1250	200	1050	0.9	700	-650	1502	22.3	01311250-0200-1050	550	-300	1077	17.2	01321250-0200-1050
1250	200	1100	0.9	700	-672	1527	22.7	01311250-0200-1100	550	-313	1094	17.6	01321250-0200-1100
1250	200	1150	0.9	700	-693	1552	23.2	01311250-0200-1150	550	-325	1112	17.9	01321250-0200-1150
1250	200	1200	0.9	700	-715	1577	23.7	01311250-0200-1200	550	-338	1130	18.3	01321250-0200-1200

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1250	225	1050	0.9	850	-575	1581	26.9	01311250-0225-1050	600	-275	1099	18.9	01321250-0225-1050
1250	225	1100	0.9	850	-597	1607	27.5	01311250-0225-1100	600	-288	1117	19.3	01321250-0225-1100
1250	225	1150	0.9	850	-618	1632	28.0	01311250-0225-1150	600	-300	1135	19.7	01321250-0225-1150
1250	225	1200	0.9	850	-640	1657	28.6	01311250-0225-1200	600	-313	1152	20.1	01321250-0225-1200
1250	250	1050	0.9	850	-575	1574	27.5	01311250-0250-1050	600	-275	1087	19.3	01321250-0250-1050
1250	250	1100	0.9	850	-597	1599	28.0	01311250-0250-1100	600	-288	1105	19.7	01321250-0250-1100
1250	250	1150	0.9	850	-618	1624	28.6	01311250-0250-1150	600	-300	1122	20.1	01321250-0250-1150
1250	250	1200	0.9	850	-640	1650	29.2	01311250-0250-1200	600	-313	1140	20.5	01321250-0250-1200
1250	275	1050	0.9	850	-575	1566	28.0	01311250-0275-1050	700	-225	1145	22.5	01321250-0275-1050
1250	275	1100	0.9	850	-597	1592	28.6	01311250-0275-1100	700	-238	1163	23.0	01321250-0275-1100
1250	275	1150	0.9	850	-618	1617	29.2	01311250-0275-1150	700	-250	1180	23.4	01321250-0275-1150
1250	275	1200	0.9	850	-640	1642	29.8	01311250-0275-1200	700	-263	1198	23.9	01321250-0275-1200
1250	300	1050	0.9	950	-525	1617	31.4	01311250-0300-1050	700	-225	1132	22.9	01321250-0300-1050
1250	300	1100	0.9	950	-547	1642	32.0	01311250-0300-1100	700	-238	1150	23.3	01321250-0300-1100
1250	300	1150	0.9	950	-568	1668	32.7	01311250-0300-1150	700	-250	1168	23.8	01321250-0300-1150
1250	300	1200	0.9	950	-590	1693	33.3	01311250-0300-1200	700	-263	1185	24.3	01321250-0300-1200
1250	315	1050	0.9	1050	-475	1671	34.5	01311250-0315-1050	700	-225	1125	23.1	01321250-0315-1050
1250	315	1100	0.9	1050	-497	1696	35.2	01311250-0315-1100	700	-238	1143	23.6	01321250-0315-1100
1250	315	1150	0.9	1050	-518	1721	35.9	01311250-0315-1150	700	-250	1160	24.0	01321250-0315-1150
1250	315	1200	0.9	1050	-540	1746	36.6	01311250-0315-1200	700	-263	1178	24.5	01321250-0315-1200
1250	350	1050	0.9	1150	-425	1718	38.2	01311250-0350-1050	800	-175	1178	26.5	01321250-0350-1050
1250	350	1100	0.9	1150	-447	1744	39.0	01311250-0350-1100	800	-188	1195	27.0	01321250-0350-1100
1250	350	1150	0.9	1150	-468	1769	39.7	01311250-0350-1150	800	-200	1213	27.6	01321250-0350-1150
1250	350	1200	0.9	1150	-490	1794	40.5	01311250-0350-1200	800	-213	1231	28.1	01321250-0350-1200
1250	400	1050	0.9	1350	-325	1820	45.2	01311250-0400-1050	900	-125	1223	30.2	01321250-0400-1050
1250	400	1100	0.9	1350	-347	1845	46.1	01311250-0400-1100	900	-138	1241	30.8	01321250-0400-1100
1250	400	1150	0.9	1350	-368	1870	47.0	01311250-0400-1150	900	-150	1258	31.4	01321250-0400-1150
1250	400	1200	0.9	1350	-390	1895	47.9	01311250-0400-1200	900	-163	1276	32.0	01321250-0400-1200
1250	450	1050	0.9	1350	-325	1805	46.4	01311250-0450-1050	1050	-50	1304	35.4	01321250-0450-1050
1250	450	1100	0.9	1350	-347	1830	47.3	01311250-0450-1100	1050	-63	1321	36.1	01321250-0450-1100
1250	450	1150	0.9	1350	-368	1855	48.3	01311250-0450-1150	1050	-75	1339	36.8	01321250-0450-1150
1250	450	1200	0.9	1350	-390	1880	49.2	01311250-0450-1200	1050	-88	1357	37.5	01321250-0450-1200
1250	500	1050	0.9	1350	-325	1790	47.6	01311250-0500-1050	1150	0	1349	39.3	01321250-0500-1050
1250	500	1100	0.9	1350	-347	1815	48.6	01311250-0500-1100	1150	-13	1367	40.1	01321250-0500-1100
1250	500	1150	0.9	1350	-368	1840	49.5	01311250-0500-1150	1150	-25	1385	40.8	01321250-0500-1150
1250	500	1200	0.9	1350	-390	1865	50.5	01311250-0500-1200	1150	-38	1402	41.6	01321250-0500-1200
1250	550	1050	0.9	1550	-225	1891	54.9	01311250-0550-1050	1250	50	1395	43.2	01321250-0550-1050
1250	550	1100	0.9	1550	-247	1916	56.0	01311250-0550-1100	1250	38	1412	44.0	01321250-0550-1100
1250	550	1150	0.9	1550	-268	1941	57.0	01311250-0550-1150	1250	25	1430	44.9	01321250-0550-1150
1250	550	1200	0.9	1550	-290	1967	58.1	01311250-0550-1200	1250	13	1448	45.7	01321250-0550-1200
1250	600	1050	0.9	1750	-125	1992	62.3	01311250-0600-1050	1250	50	1370	44.0	01321250-0600-1050
1250	600	1100	0.9	1750	-147	2017	63.5	01311250-0600-1100	1250	38	1387	44.9	01321250-0600-1100
1250	600	1150	0.9	1750	-168	2043	64.7	01311250-0600-1150	1250	25	1405	45.7	01321250-0600-1150
1250	600	1200	0.9	1750	-190	2068	65.9	01311250-0600-1200	1250	13	1423	46.6	01321250-0600-1200
1250	630	1050	0.9	1750	-125	1983	63.1	01311250-0630-1050	1250	50	1355	44.5	01321250-0630-1050
1250	630	1100	0.9	1750	-147	2008	64.3	01311250-0630-1100	1250	38	1372	45.3	01321250-0630-1100
1250	630	1150	0.9	1750	-168	2034	65.5	01311250-0630-1150	1250	25	1390	46.2	01321250-0630-1150
1250	630	1200	0.9	1750	-190	2059	66.7	01311250-0630-1200	1250	13	1408	47.1	01321250-0630-1200
1250	650	1050	0.9	1750	-125	1977	63.6	01311250-0650-1050	1250	50	1345	44.8	01321250-0650-1050
1250	650	1100	0.9	1750	-147	2002	64.8	01311250-0650-1100	1250	38	1362	45.7	01321250-0650-1100
1250	650	1150	0.9	1750	-168	2028	66.1	01311250-0650-1150	1250	25	1380	46.5	01321250-0650-1150
1250	650	1200	0.9	1750	-190	2053	67.3	01311250-0650-1200	1250	13	1398	47.4	01321250-0650-1200
1250	700	1050	0.9	1750	-125	1962	64.9	01311250-0700-1050	1400	125	1425	50.5	01321250-0700-1050
1250	700	1100	0.9	1750	-147	1987	66.2	01311250-0700-1100	1400	113	1443	51.4	01321250-0700-1100
1250	700	1150	0.9	1750	-168	2013	67.4	01311250-0700-1150	1400	100	1461	52.4	01321250-0700-1150
1250	700	1200	0.9	1750	-190	2038	68.6	01311250-0700-1200	1400	88	1478	53.3	01321250-0700-1200
1250	750	1050	0.9	1950	-25	2063	72.6	01311250-0750-1050	1400	125	1400	51.2	01321250-0750-1050
1250	750	1100	0.9	1950	-47	2089	74.0	01311250-0750-1100	1400	113	1418	52.2	01321250-0750-1100
1250	750	1150	0.9	1950	-68	2114	75.3	01311250-0750-1150	1400	100	1436	53.2	01321250-0750-1150
1250	750	1200	0.9	1950	-90	2139	76.7	01311250-0750-1200	1400	88	1453	54.1	01321250-0750-1200
1250	800	1050	0.9	1950	-25	2048	74.0	01311250-0800-1050	1550	200	1481	57.0	01321250-0800-1050
1250	800	1100	0.9	1950	-47	2074	75.3	01311250-0800-1100	1550	188	1499	58.1	01321250-0800-1100

TB - Tapered branches

Light gauge Galvanized piping system – Branches

D (mm)	B (mm)	d (mm)	t (mm)	30 Deg					45 Deg				
				L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)	Part no.
1250	800	1150	0.9	1950	-68	2099	76.7	01311250-0800-1150	1550	175	1516	59.2	01321250-0800-1150
1250	800	1200	0.9	1950	-90	2124	78.1	01311250-0800-1200	1550	163	1534	60.2	01321250-0800-1200
1250	850	1050	0.9	1950	-25	2033	75.3	01311250-0850-1050	1550	200	1456	57.8	01321250-0850-1050
1250	850	1100	0.9	1950	-47	2059	76.7	01311250-0850-1100	1550	188	1474	58.9	01321250-0850-1100
1250	850	1150	0.9	1950	-68	2084	78.1	01311250-0850-1150	1550	175	1491	60.0	01321250-0850-1150
1250	850	1200	0.9	1950	-90	2109	79.5	01311250-0850-1200	1550	163	1509	61.1	01321250-0850-1200
1250	900	1050	0.9	1950	-25	2018	76.6	01311250-0900-1050	1550	200	1431	58.6	01321250-0900-1050
1250	900	1100	0.9	1950	-47	2044	78.0	01311250-0900-1100	1550	188	1449	59.7	01321250-0900-1100
1250	900	1150	0.9	1950	-68	2069	79.4	01311250-0900-1150	1550	175	1466	60.8	01321250-0900-1150
1250	900	1200	0.9	1950	-90	2094	80.8	01311250-0900-1200	1550	163	1484	61.9	01321250-0900-1200
1250	950	1050	0.9	1950	-25	2003	77.9	01311250-0950-1050	1550	200	1406	59.3	01321250-0950-1050
1250	950	1100	0.9	1950	-47	2029	79.3	01311250-0950-1100	1550	188	1424	60.4	01321250-0950-1100
1250	950	1150	0.9	1950	-68	2054	80.7	01311250-0950-1150	1550	175	1441	61.5	01321250-0950-1150
1250	950	1200	0.9	1950	-90	2079	82.2	01311250-0950-1200	1550	163	1459	62.6	01321250-0950-1200
1250	1000	1050	0.9	1950	-25	1988	79.1	01311250-1000-1050	1550	200	1381	59.9	01321250-1000-1050
1250	1000	1100	0.9	1950	-47	2014	80.6	01311250-1000-1100	1550	188	1399	61.1	01321250-1000-1100
1250	1000	1150	0.9	1950	-68	2039	82.0	01311250-1000-1150	1550	175	1416	62.2	01321250-1000-1150
1250	1000	1200	0.9	1950	-90	2064	83.5	01311250-1000-1200	1550	163	1434	63.3	01321250-1000-1200
1250	1050	1050	0.9	1950	-25	1973	80.4	01311250-1050-1050	1550	200	1356	60.6	01321250-1050-1050
1250	1050	1100	0.9	1950	-47	1999	81.8	01311250-1050-1100	1550	188	1374	61.7	01321250-1050-1100
1250	1050	1150	0.9	1950	-68	2024	83.3	01311250-1050-1150	1550	175	1391	62.8	01321250-1050-1150
1250	1050	1200	0.9	1950	-90	2049	84.8	01311250-1050-1200	1550	163	1409	64.0	01321250-1050-1200
1250	1100	1050	0.9	1950	-25	1958	81.6	01311250-1100-1050	1550	200	1331	61.2	01321250-1100-1050
1250	1100	1100	0.9	1950	-47	1984	83.1	01311250-1100-1100	1550	188	1349	62.3	01321250-1100-1100
1250	1100	1150	0.9	1950	-68	2009	84.6	01311250-1100-1150	1550	175	1366	63.5	01321250-1100-1150
1250	1100	1200	0.9	1950	-90	2034	86.1	01311250-1100-1200	1550	163	1384	64.6	01321250-1100-1200
1250	1150	1050	0.9	1950	-25	1943	82.8	01311250-1150-1050	1550	200	1306	61.7	01321250-1150-1050
1250	1150	1100	0.9	1950	-47	1969	84.3	01311250-1150-1100	1550	188	1324	62.9	01321250-1150-1100
1250	1150	1150	0.9	1950	-68	1994	85.8	01311250-1150-1150	1550	175	1341	64.1	01321250-1150-1150
1250	1150	1200	0.9	1950	-90	2019	87.3	01311250-1150-1200	1550	163	1359	65.2	01321250-1150-1200
1250	1200	1150	0.9	1950	-68	1979	87.0	01311250-1200-1150	1550	175	1316	64.6	01321250-1200-1150
1250	1200	1200	0.9	1950	-90	2004	88.5	01311250-1200-1200	1550	163	1334	65.8	01321250-1200-1200