

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°

Limits to dimensions

$$D - d \leq 200$$

$$2B - D \leq d$$

Lengths

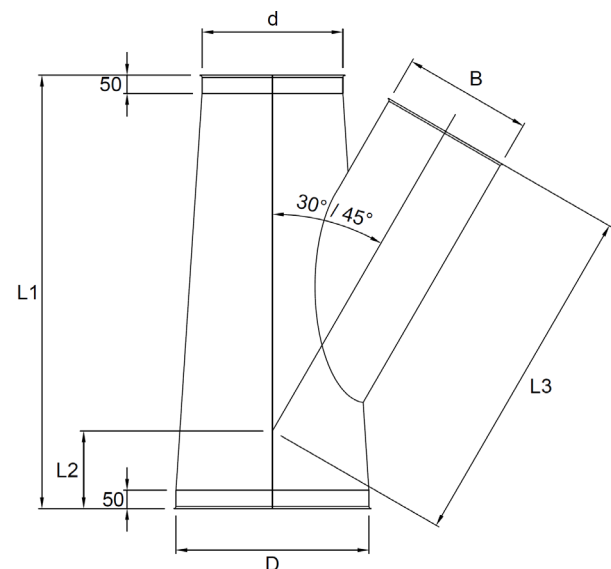
$$30^\circ : U=2.3 ; Y=0.86 ; Z=0.3$$

$$45^\circ : U=4.0 ; Y=0.71 ; Z=0.5$$

L1: Dependent on angle and B

$$L2 = (L1 / 2) - (D + d) / U \text{ (Can be negative)}$$

$$L3 = (L1 - L2 - 50) / Y - (Z \times B) + 50$$



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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.
100	80	80	0.75	450	147	320	1.1	01310100-0080-0080	400	155	285	0.9	01320100-0080-0080
120	100	100	0.75	450	129	335	1.3	01310120-0100-0100	400	145	289	1.2	01320120-0100-0100
125	120	120	0.75	500	143	370	1.7	01310125-0120-0120	450	164	323	1.5	01320125-0120-0120
140	125	125	0.75	550	160	408	2.0	01310140-0125-0125	450	159	327	1.6	01320140-0125-0125
150	80	80	0.75	450	125	346	1.3	01310150-0080-0080	400	143	302	1.1	01320150-0080-0080
150	140	140	0.75	550	149	416	2.2	01310150-0140-0140	450	153	329	1.8	01320150-0140-0140
160	80	80	0.75	450	121	351	1.3	01310160-0080-0080	400	140	306	1.2	01320160-0080-0080
160	150	150	0.75	550	140	423	2.3	01310160-0150-0150	500	173	366	2.1	01320160-0150-0150
180	80	80	0.75	450	112	361	1.4	01310180-0080-0080	400	135	313	1.3	01320180-0080-0080
180	160	160	0.75	650	177	494	3.0	01310180-0160-0160	500	165	371	2.3	01320180-0160-0160
200	80	80	0.75	450	103	371	1.5	01310200-0080-0080	400	130	320	1.3	01320200-0080-0080
200	180	180	0.75	650	160	508	3.4	01310200-0180-0180	500	155	375	2.6	01320200-0180-0180
225	80	80	0.75	450	92	384	1.6	01310225-0080-0080	400	124	329	1.4	01320225-0080-0080
225	200	200	0.75	700	165	554	4.1	01310225-0200-0200	550	169	417	3.2	01320225-0200-0200
250	80	80	0.75	450	82	396	1.8	01310250-0080-0080	400	118	337	1.5	01320250-0080-0080
250	225	225	0.75	850	218	659	5.5	01310250-0225-0225	600	181	457	3.9	01320250-0225-0225
275	80	80	0.75	450	71	409	1.9	01310275-0080-0080	400	111	346	1.6	01320275-0080-0080
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	1.8	01320300-0080-0100
300	275	275	0.75	850	175	694	6.9	01310300-0275-0275	700	206	538	5.5	01320300-0275-0275
315	80	120	0.75	450	36	449	2.2	01310315-0080-0120	400	91	374	2.0	01320315-0080-0120
315	300	300	0.75	950	208	765	8.2	01310315-0300-0300	700	196	539	6.0	01320315-0300-0300
350	80	150	0.75	450	8	482	2.5	01310350-0080-0150	400	75	397	2.2	01320350-0080-0150
350	315	315	0.75	1050	236	844	9.7	01310350-0315-0315	700	184	549	6.4	01320350-0315-0315
400	80	200	0.9	450	-36	533	3.6	01310400-0080-0200	400	50	433	3.2	01320400-0080-0200
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	468	3.6	01320450-0080-0250
450	400	400	0.9	1350	305	1086	19.1	01310450-0400-0400	900	238	713	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	450	450	0.9	1350	262	1122	21.7	01310500-0450-0450	1050	288	829	16.6	01320500-0450-0450
550	80	350	0.9	450	-166	684	5.3	01310550-0080-0350	400	-25	538	4.6	01320550-0080-0350
550	500	500	0.9	1350	218	1158	24.3	01310550-0500-0500	1150	313	909	20.1	01320550-0500-0500
600	80	400	0.9	450	-210	735	5.8	01310600-0080-0400	400	-50	573	5.1	01320600-0080-0400
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	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	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	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	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	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	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	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	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	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	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	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	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	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