



Elbows acc. to DIN EN 10253 (formerly DIN 2605)

Table 1.6.1.1_1: Pipe elbows which can be manufactured as per DIN EN 10253 (formerly DIN 2605)

Elbow diameter (mm)		Bend radii (mm)						Wall thickness (mm)																																															
NW/ internal diameter	DN/ outside diameter	DIN EN 10253	Others	DN + 100	2xDN	2	2.5 (2.6)	3 (3.2)	4	5	6	7	8	10	12																																								
25			31.5			0.07	0.09				Materials: <ul style="list-style-type: none"> ● Stainless steels ● Duplex steels ● Copper-nickel alloys ● Aluminium and special metals The individual weights listed apply for pipes at 90°; assumed density (g / cm ³): 8.0. Special measurements and larger elbows can be produced.																																												
	33.7	38				0.09	0.12	0.14																																															
32			45			0.12	0.15	0.19																																															
	38.0	45				0.13	0.16	0.19																																															
	42.4	48				0.15	0.19	0.22																																															
40			47.5			0.16	0.20	0.24																																															
	44.5	51				0.17	0.21	0.25																																															
	48.3	57				0.21	0.26	0.30																																															
50			72.5 / 70			0.30	0.37	0.45																																															
	57.0	72				0.31	0.39	0.46																																															
	60.3	76				0.35	0.43	0.51	0.67																																														
65			92 / 85			0.49	0.61	0.74																																															
	65.0		55					0.40	0.53	0.65																																													
	76.1	95				0.55	0.69	0.82	1.08	1.33																																									1.57				
80			120 / 105			0.68	0.85	1.03	1.39																																														
	88.9	114				0.78	0.97	1.16	1.52	1.88																																									2.23	2.56	2.90		
100			150 / 140			1.20	1.51	1.82	2.46	3.10	3.75																																												
100					200	1.61	2.02	2.43																																															
	101.6		150			1.17	1.46	1.75	2.30	2.85	3.38																																												
	108.0		150			1.25	1.55	1.86	2.45	3.04	3.61																																												
	108.0				200	1.67	2.07	2.48																																															
	114.3	152				1.34	1.67	2.00	2.64	3.27	3.89	4.48	5.08	6.24																																									
	114.3				200	1.77	2.20	2.63																																															
125			187.5 / 170			1.87	2.35	2.83	3.80	4.79	5.78																																												
	125				250	2.50	3.13	3.77																																															
	133.0	181				1.87	2.32	2.78	3.67	4.55	5.42																																												
	133.0				250	2.58	3.21	3.84																																															
	133.0		110					1.69	2.23	2.77																																													
	139.7	190				2.06	2.56	3.07	4.06	5.01	6.00	6.93	7.87	9.69																																									
	139.7				250	2.71	3.37	4.03																																															
150			225			2.69	3.37	4.06	5.45	6.84	8.26	9.70	10.05																																										
	150				300	3.59	4.50	5.41																																															
	159.0	216				2.67	3.33	3.98	5.27	6.54	7.80																																												
	159.0					1.67	2.08	2.49																																															
	159.0				300			5.52	7.31	9.08																																													
	168.3	229	135			2.99	3.73	4.47	5.90	7.34	8.77	10.15	11.55	14.26	16.85																																								
	168.3				300	3.92	4.89	5.85																																															
175			265			3.96	4.63	5.57																																															

No guarantee for correctness



Table 1.6.1.1_1: Pipe elbows which can be manufactured as per DIN EN 10253 (formerly DIN 2605) (continuation)

Elbow diameter (mm)		Bend radii (mm)				Wall thickness (mm)									
NW/ internal diameter	DN/ outside diameter	DIN EN 10253	Others	DN+ 100	2xDN	2	2.5 (2.6)	3 (3.2)	4	5	6	7	8	10	12
200				300		4.77	5.97	7.19	9.63	12.09	14.54	17.04	19.57		
200					400	6.36	7.97	9.58							
	216,0	305				5.14	6.40	7.67	10.17	12.66	15.12	17.52	19.90		
	216,0				400	6.74	8.39	10.05							
	219,1	305				5.22	6.50	7.78	10.30	12.84	15.34	17.76	20.22	25.09	29.75
	219,1				400	6.85	8.52	10.20							
250				350		6.94	8.69	10.45	13.99	17.55	21.15	24.69	28.36		
	267,0			350		7.30	9.10	10.90	14.48	18.03	21.56	25.00	28.52		
	267,0	378				7.88	9.83	11.78	15.64	19.48	23.28	27.00	30.81	38.21	45.38
	273,0			350		7.48	9.31	11.15	14.79	18.42	22.05	25.58	29.18	36.20	
	273,0	381				8.14	10.13	12.14	16.10	20.05	24.01	27.84	31.77	39.41	46.82
300				400		9.50	11.90	14.30	19.13	23.99	28.88	33.71	38.68		
	318,0			400		9.94	12.41	14.87	19.76	24.62	29.45	34.16	39.02		
	318,0	455				11.31	14.12	16.91	22.48	28.01	33.50	38.86	44.38	55.12	65.52
	323,9			400		10.12	12.64	15.14	20.17	25.07	30.01	34.82	39.76	49.38	58.88
	323,9	457				11.56	14.44	17.30	23.04	28.64	34.29	39.79	45.43	56.42	67.27
350				450			15.55	18.70	25.00	31.33	37.70	44.14	50.58		
	355,6			450			15.62	18.73	24.88	30.96	37.31				
	355,6	533					18.50	22.18	29.47	36.67	44.00	51.02	58.27	72.44	86.43
	368,0			450			16.17	19.38	25.77	32.12	38.44	44.61	50.97		
	368,0	533					19.16	22.96	30.52	38.04	45.53	52.83	60.37	75.04	89.29
400				500				23.71	31.78	39.82	47.90	55.90	64.04		
	406,4	610						29.03	38.62	48.10	57.64	66.92	76.46	95.10	113.26
	406,4			500				23.80	31.65	39.43	47.24				
	419,0	610						29.94	39.82	49.66	59.28	69.00	78.67	98.13	116.92
	419,0			500				24.54	32.64	40.71	48.59	56.56	64.49		
450				550				29.40	39.28	49.21	59.19	69.04			
	457,2			550				29.48	39.22	48.81	58.56	67.98			
500				600				35.83	47.50	59.58	71.65	83.55	95.90		
	508,0			600				35.54	47.50	59.28	71.08	82.56	94.39		
	521,0			600				36.46	48.80	60.89	72.92	84.71	96.85		
600				700				50.06	66.51	83.28	100.11	116.70	133.92		
	609,6			700				49.86	66.75	83.24	99.71	115.84	133.05		
	622,0			700				50.88	68.07	84.93	101.76	118.23	135.24		

No guarantee for correctness