

Plain End Fittings

PRODUCT DESCRIPTION

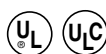


Victaulic Plain End Fittings are designed for use with Style 99 Roust-A-Bout® couplings in conjunction with plain end or beveled end pipe. Fittings are cast of ductile iron and finished with a dip coat of enamel. Hot dip galvanizing and other coatings are available.

Plain End Fittings are of full flow design to provide maximum flow. In some sizes and styles, welded steel fittings are supplied. Victaulic long radius fittings are available in many sizes and styles.

! WARNING

Victaulic plain end fittings must be used with Style 99 Roust-A-Bout couplings.



See Victaulic publication 10.01 for details.

MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-395, grade 65-45-15, and ASTM A-536, grade 65-45-12

Nipples: (Adapter, swaged & hose)

- 1 - 1½" – Carbon steel, Schedule 40, conforming to ASTM A-53, Type F
- 2 - 6" – Carbon steel, Schedule 40, conforming to ASTM A-53, Type E or S, Gr. B
- 8 - 12" – Carbon steel, Schedule 30, conforming to ASTM A-53, Type E or S, Gr. B
- Steel – Carbon steel, forged

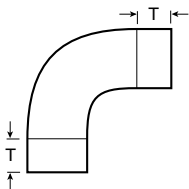
Steel, Segmentally Welded: (See steel, Nipples Specifications)

Fitting Coating: Orange enamel

- **Optional:** Hot dipped galvanized and others. Some fittings supplied electroplated as standard – see product specifications.

DIMENSIONS

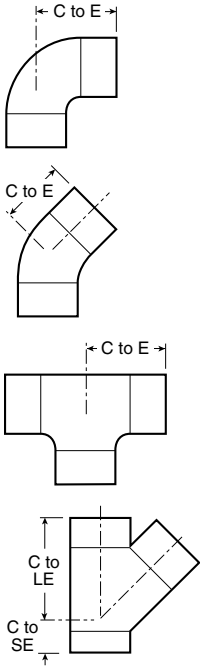
Plain End Fittings
Required Tangent
Length



Roust-A-Bout											
Fitting Size			Fitting Size			Fitting Size			Fitting Size		
Nom. Dia. In./mm	Actual Out. Dia. In./mm	Min. Tang. Length "T" In./mm	Nom. Dia. In./mm	Actual Out. Dia. In./mm	Min. Tang. Length "T" In./mm	Nom. Dia. In./mm	Actual Out. Dia. In./mm	Min. Tang. Length "T" In./mm	Nom. Dia. In./mm	Actual Out. Dia. In./mm	Min. Tang. Length "T" In./mm
1½ 40	1.900 48,3	1.50 38	3½ 90	4.000 101,6	1.75 45	165,1 mm	6.500 165,1	2.13 54	12 300	12.750 323,9	2.25 57
2 50	2.375 60,3	1.75 45	4 100	4.500 114,3	2.00 51	8 200	8.625 219,1	2.25 57	14 350	14.000 355,6	2.25 57
2½ 65	2.875 73,0	1.75 45	5 125	5.563 141,3	2.13 54	10 250	10.750 273,0	2.25 57	16 400	16.000 406,4	2.25 57
3 80	3.500 88,9	1.75 45	6 150	6.625 168,3	2.13 54						

DIMENSIONS

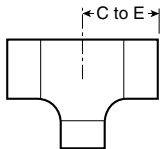
Plain End Fittings



Fitting Size		No. 10P 90° Elbow		No. 11P 45° Elbow		No. 20P Tee		No. 30P (sw) 45° Lateral		
Nom. Dia. In./mm	Actual Out. Dia. In./mm	C to E In./mm	Aprx. Weight Lbs./kg	C to E In./mm	Aprx. Weight Lbs./kg	C to E In./mm	Aprx. Weight Lbs./kg	C to LE In./mm	C to SE In./mm	Aprx. Weight Lbs./kg
1 25	1.315 33,7	2.25 57	0.6 0,3	1.75 44	0.6 0,3	2.25 57	1.0 0,5	5.00 127	2.25 57	3.5 1,6
1½ 40	1.900 48,3	4.00 (sw) 102	1.4 0,6	2.88 (sw) 73	1.0 0,5	2.75 (sw) 70	1.7 0,8	6.25 159	2.75 70	3.5 1,6
2 50	2.375 60,3	4.75 (sw) 121	2.9 1,3	3.13 (sw) 80	1.4 0,6	3.25 (sw) 83	3.0 1,4	7.25 184	2.75 70	5.1 2,3
2½ 65	2.875 73,0	5.50 (sw) 140	3.9 1,8	3.50 (sw) 89	2.3 1,0	3.75 (sw) 95	6.8 3,1	7.75 197	3.00 76	9.3 4,2
3 80	3.500 88,9	6.25 (sw) 159	6.15 2,8	3.75 (sw) 95	4.3 2,0	4.25 (sw) 108	9.0 4,1	8.75 222	3.25 83	12.8 5,8
3½ 90	4.000 101,6	7.00 (sw) 178	7.0 3,2	4.00 (sw) 102	5.5 2,5	5.50 (sw) 140	12.5 5,7	10.00 254	3.50 89	20.0 9,1
4 100	4.500 114,3	7.75 (sw) 197	9.9 4,5	4.25 (sw) 108	7.0 3,2	5.00 127	11.9 5,4	10.75 263	3.75 95	19.0 8,6
5 125	5.563 141,3	9.50 241	20.4 9,3	5.13 (sw) 130	18.0 8,2	6.88 (sw) 175	17.1 7,8	12.75 324	4.00 102	30.0 13,6
6 150	6.625 168,3	6.50 165	20.4 9,3	3.50 89	11.9 5,4	6.50 165	29.5 13,3	14.00 356	4.50 114	43.3 19,6
8 200	8.625 219,1	10.00 (sw) 254	42.0 19,1	6.00 (sw) 152	28.5 12,9	10.00 (sw) 254	71.5 32,4	18.00 457	6.00 152	92.0 41,7
10 250	10.750 273,0	11.50 (sw) 292	50.0 22,7	6.50 (sw) 165	41.0 18,6	11.50 (sw) 292	116.0 52,6	20.75 527	6.50 165	106.0 48,1
12 300	12.750 323,9	13.50 (sw) 343	156.0 70,8	7.00 (sw) 178	57.8 26,2	13.50 (sw) 343	120.0 54,4	24.50 622	7.00 178	167.0 75,8

(sw) = Segmentally welded steel

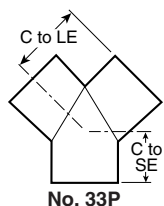
No. 25P Reducing Tee



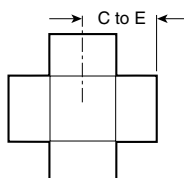
No. 25P Reducing Tee										
SIZE Nominal Inches mm					C to E In./mm	Aprx. Weight Lbs./kg	SIZE Nominal Inches Actual mm			Aprx. Weight Lbs./kg
1½ 40	X	1½ 40	X	1 25	4.00 102	2.2 1,0	6 150	X	6 150	4 100
2 50	X	2 50	X	1 25	4.25 108	2.9 1,3	8 200	X	8 200	2 50
			X	1½ 40	4.25 108	3.1 1,4			X	3 80
3 80	X	3 80	X	1 25	5.13 130	6.7 3,0			X	4 100
			X	1½ 40	5.13 130	6.9 3,1			X	5 125
			X	2 50	5.13 130	7.1 3,2			X	6 150
4 100	X	4 100	X	1 25	5.88 149	10.9 4,9	10 250	X	10 250	4 100
			X	1½ 40	5.88 149	11.1 5,0			X	6 150
			X	2 50	5.88 149	11.3 5,1			X	8 200
			X	2½ 65	5.88 149	11.6 5,3	12 300	X	12 300	6 150
			X	3 80	5.88 149	11.9 5,4			X	8 200
6 150	X	6 150	X	2 50	7.63 194	24.7 11,2			X	10 250
			X	3 80	7.63 194	25.4 11,5				

DIMENSIONS

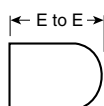
Plain End Fittings



No. 33P



No. 35P

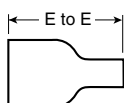


No. 61P

Fitting Size		No. 33P (sw) 90° Wye			No. 35P (sw) Cross		No. 61P Steel Bull Plug
Nominal Diameter In./mm	Actual Outside Dia. In./mm	C to LE In./mm	C to SE In./mm	Aprx. Weight Lbs./kg	C to E In./mm	Aprx. Weight Lbs./kg	E to E In./mm
1 25	1.315 33,7	3.25 83	2.25 57	1.1 0,5	3.25 83	1.7 0,8	3.00 76
1½ 40	1.900 48,3	4.00 102	2.75 70	1.8 0,8	4.00 102	3.5 1,6	3.50 89
2 50	2.375 60,3	4.25 108	2.75 70	2.9 1,3	4.25 108	5.2 2,4	4.00 102
2½ 65	2.875 73,0	4.75 121	3.00 76	9.0 4,1	4.75 121	5.4 2,4	5.00 127
3 80	3.500 88,9	5.13 130	3.25 83	8.5 3,9	5.13 130	8.5 3,9	6.00 152
3½ 90	4.000 101,6	5.50 140	3.50 89	10.0 4,5	5.50 140	9.0 4,1	6.50 165
4 100	4.500 114,3	5.88 149	3.75 95	14.0 6,4	5.88 149	10.8 4,9	7.00 178
5 125	5.563 141,3	6.88 175	4.00 102	21.6 9,8	6.88 175	20.0 9,1	8.50 216
6 150	6.625 168,3	7.63 194	4.50 114	31.2 14,2	7.63 194	30.0 13,6	10.00 254
8 200	8.625 219,1	10.00 254	6.00 152	36.0 16,3	10.00 254	66.4 30,1	11.0 279
10 250	10.750 273,0	11.50 292	6.50 165	52.0 23,6	11.50 292	103.0 46,7	13.00 330
12 300	12.750 323,9	13.50 343	7.00 178	81.2 36,8	13.50 343	158.0 71,7	14.00 356

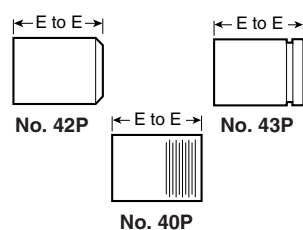
(sw) = Segmentally welded steel

No. 53P Swaged Nipple



No. 53P – Swaged Nipple									
SIZE Nominal In. mm		E to E In./mm	Aprx. Wgt. Lbs./kg	SIZE Nominal In. mm		E to E In./mm	Aprx. Wgt. Lbs./kg	SIZE Nominal In. mm	
1½ 40	X 1 25	4.50 114	1.2 0.6	4 100	X 2 50	9.00 229	7.5 3,4	6 150	X 4 100
2 50	X 1 25	6.50 165	2.0 0.9		X 2½ 65	9.00 229	7.5 3,4		X 5 125
	X 1½ 40	6.50 165	2.0 0.9		X 3 80	9.00 229	7.5 3,4	8 200	X 3 80
2½ 65	X 1 25	7.00 178	3.0 1.4		X 3½ 90	9.00 229	7.5 3,4		X 4 100
	X 1½ 40	7.00 178	3.0 1.4	5 125	X 2 50	11.00 279	11.5 5,2		X 5 125
	X 2 50	7.00 178	3.0 1.4		X 3 80	11.00 279	11.5 5,2		X 6 150
3 80	X 1 25	8.00 203	4.5 2.0		X 4 100	11.00 279	11.5 5,2	10 250	X 3 80
	X 1½ 40	8.00 203	4.5 2.0	6 150	X 1 25	12.00 305	16.0 7,3		X 4 100
	X 2 50	8.00 203	4.5 2.0		X 1½ 40	12.00 305	16.0 7,3		X 6 150
	X 2½ 65	8.00 203	4.5 2.0		X 2 50	12.00 305	17.0 7,7		X 8 200
3½ 90	X 3 80	8.00 203	6.8 3.1		X 2½ 65	12.00 305	17.0 7,7	12 300	X 6 150
4 100	X 1 25	9.00 229	7.5 3.4		X 3 80	12.00 305	17.0 7,7		X 8 200
	X 1½ 40	9.00 229	7.5 3.4		X 3½ 90	12.00 305	17.0 7,7		X 10 250

Adapter Nipples



No. 42P

No. 43P

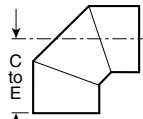
No. 40P

Fitting Size		E to E In./mm	Aprx. Weight Lbs./kg
Nominal Diameter In./mm	Actual Outside Dia. In./mm		
1 25	1.315 33,7	3.00 76	0.9 0,4
1½ 40	1.900 48,3	4.00 102	0.9 0,4
2 50	2.375 60,3	4.00 102	1.2 0,5
2½ 65	2.875 73,0	4.00 102	1.9 0,9

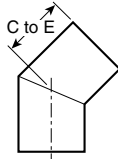
Fitting Size		E to E In./mm	Aprx. Weight Lbs./kg
Nominal Diameter In./mm	Actual Outside Dia. In./mm		
3 80	3.500 88,9	4.00 102	2.5 1,1
4 100	4.500 114,3	6.00 152	5.4 2,5
6 150	6.625 168,3	6.00 152	9.4 4,3

DIMENSIONS

Plain End Fittings



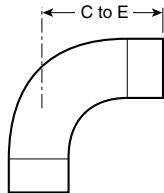
No. 10P



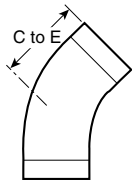
No. 11P

Fitting Size		90° Elbows		45° Elbows	
Nominal Outside Diameter In./mm	Actual Outside Diameter In./mm	No. 10P Seg. Welded Steel		No. 11P Seg. Welded Steel	
		C to E In./mm	Wgt. Each Lbs./kg	C to E In./mm	Wgt. Each Lbs./kg
1 25	1.315 33,7	3.25 83	0.9 0,4	2.63 67	0.8 0,4
1½ 40	1.900 48,3	4.00 102	1.7 0,8	2.88 73	1.4 0,6
2 50	2.375 60,3	4.75 121	2.7 1,2	3.13 80	2.0 0,9
2½ 65	2.875 73,0	5.50 140	4.8 2,2	3.50 89	3.5 1,6
3 80	3.500 88,9	6.25 159	7.2 3,3	3.75 95	4.8 2,2
3½ 90	4.000 101,6	7.00 178	9.4 4,3	4.00 102	6.2 2,8
4 100	4.500 114,3	7.75 197	12.3 5,6	4.25 108	8.0 3,6
5 125	5.563 141,3	9.50 241	13.4 6,1	5.13 130	9.2 4,2
6 150	6.625 168,3	11.00 279	31.0 14,1	5.75 146	18.5 8,4
165,1 mm	6.500 165,1	— —	— —	— —	— —
8 200	8.625 219,1	10.00 254	38.7 17,6	6.00 152	24.9 11,3
10 250	10.750 273,0	11.50 292	52.1 23,6	6.50 159	32.8 14,9
12 300	12.750 323,9	13.50 343	76.7 34,8	7.00 178	47.5 21,6

Long Radius Elbows



No. 100P



No. 110P

Fitting Size		No. 100P 90° Long Radius Elbow		No. 110P 45° Long Radius Elbow	
Nominal Outside Diameter In./mm	Actual Outside Diameter In./mm	C to E In./mm	Weight Ea. Lbs./kg	C to E In./mm	Weight Ea. Lbs./kg
2 50	2.375 60,3	4.25 108	2.5 1,1	3.13 80	1.8 0,8
2½ 65	2.875 73,0	5.50 140	4.0 1,8	3.50 89	2.5 1,1
3 80	3.500 88,9	6.25 159	6.5 3,0	3.75 95	4.5 2,0
4 100	4.500 114,3	8.00 203	11.5 5,2	4.50 114	7.5 3,4
6 150	6.625 168,3	11.13 283	28.5 12,9	5.88 149	17.3 7,9
8 200	8.625 219,1	14.13 359	56.7 25,7	7.13 181	24.0 15,4
10 250	10.750 273,0	17.13 435	96.5 43,8	8.38 213	57.0 25,9
12 300	12.750 323,9	20.13 511	145.0 65,8	9.63 245	95.0 43,1

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.