

## DV Fittings (VP Stoppers)

Unit : mm

Nominal Dia.	d <sub>1</sub>		d <sub>2</sub>		ℓ		D	d		t <sub>1</sub>	t <sub>2</sub>
	Basic Dimension	Tolerance	Basic Dimension	Tolerance	Basic Dimension	Tolerance	Reference Dimension	Basic Dimension	Tolerance	Min. Dimension	Min. Dimension
30	38.25	±0.25	37.85	±0.25	18	±1	44	31.0	±0.8	2.7	2.5
40	48.30	±0.30	47.80	±0.30	22	±1	54	40.0	±0.9	2.7	2.5
50	60.35	±0.30	59.75	±0.30	25	±1	67	51.0	±0.9	3.1	3.0
65	76.40	±0.30	75.70	±0.30	35	±1	83	67.0	±0.9	3.1	3.0
75	89.45	±0.30	88.65	±0.30	40	±2	97	77.2	±0.9	3.6	3.4
100	114.55	±0.35	113.55	±0.35	50	±2	124	98.8	±1.0	4.5	4.3
125	140.70	±0.40	139.40	±0.40	65	±2	151	125.0	±1.2	5.4	4.7
150	165.85	±0.45	164.25	±0.45	80	±2	178	145.8	±1.3	6.3	5.6

## VU-DV Fittings (VU Stoppers)

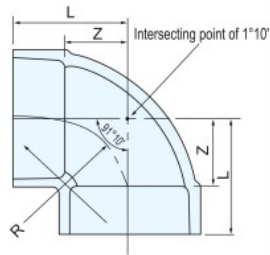
Unit : mm

Nominal Dia.	d <sub>1</sub>		d <sub>2</sub>		ℓ		D	d		t	Nominal Dia.	Dimension ℓ (min.)	DL	LL	45L	DT	DS	IN
	Basic Dimension	Tolerance	Basic Dimension	Tolerance	Basic Dimension	Tolerance	Reference Dimension	Basic Dimension	Tolerance	Min. Dimension								
40	48.30	±0.30	47.80	±0.30	22	±1	54	40(Reference)	-	1.8	200	105	•	•	•	•	•	•
50	60.50	±0.30	59.50	±0.30	25	±3	67	56	-0	2.2	250	125	•	•	•	•	•	•
65	76.60	±0.30	75.40	±0.30	35	±3	83	71	-0	2.5		130						•
75	89.60	±0.30	88.30	±0.30	40	±5	97	83	-0	3.0	300	140	•	•	•	•		
100	114.80	±0.40	113.20	±0.40	50	±5	124	107	-0	3.5		155						•
125	140.90	±0.40	139.10	±0.40	65	±5	150	131	-0	4.5								
150	166.10	±0.50	163.90	±0.50	80	±5	178	154	-0	5.5								
200	217.30	±0.55	214.70	±0.55	105	-0	227	202(Reference)	-	5.5(Reference)								
250	268.55	±0.60	265.45	±0.60	125(130)	-0	280	250(Reference)	-	6.5(Reference)								
300	319.75	±0.65	316.25	±0.65	140(155)	-0	333	298(Reference)	-	7.5(Reference)								
350	373.00	±0.70	368.50	±0.70	168	-0	392	347(Reference)	-	9.3(Reference)								
400	423.00	±0.75	417.75	±0.75	200	-0	444	395(Reference)	-	10.5(Reference)								

Note Since the dimension ℓ of the fittings with nominal diameters of 200, 250 and 300 varies depending on the type of fitting, check the "•" mark in the above table for available lengths.

## 90° Elbows

(Abbreviation : DL•VU-DL)



## VU-DV Fittings

Code No. 2251

Unit : mm

Nominal Dia.	Z	L	R(Reference)	Standards
40	27	49	28	AS38
50	33	58	31	
65	42	77	43	
75	48	88	54	
100	62	112	70	
125	75	140	84	
150	88	168	82	M
200	110	216	114	
250	142	267	177	
300	168	308	181	
350	196	366	212	
400	222	422	252	

## DV Fittings

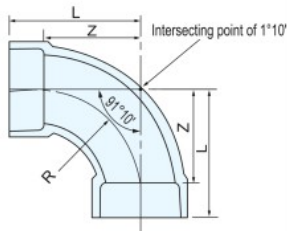
Code No. 2151

Unit : mm

Nominal Dia.	Z	L	R(Reference)	Standards
30	22	40	23	JIS K 6739
40	27	49	27	
50	33	58	34	
65	42	77	43	
75	48	88	49	
100	62	112	65	
125	75	140	79.5	
150	88	168	89.5	

## 90° Large Radius Elbows

(Abbreviation : LL•VU-LL)



## VU-DV Fittings

Code No. 2252

Unit : mm

Nominal Dia.	Z	L	R(Reference)	Standards
50	66	91	85	AS38
75	100	140	120	
100	128	178	159	
125	140	205	180	
150	170	250	240	
200	196	301	270	
250	225	350	225	K-1, AS12
300	250	390	250	

## DV Fittings

Code No. 2152

Unit : mm

Nominal Dia.	Z	L	R(Reference)	Standards
40	52	74	75	JIS K 6739
50	66	91	88	
65	90	125	108	
75	100	140	119	
75×50	101 (side 75) / 100 (side 50)	141 (side 75) / 125 (side 50)	-	
100	128	178	152	
100×65	128	178 (side 100) / 163 (side 65)	-	
100×75	128	178 (side 100) / 168 (side 75)	-	
125	140	205	180	
150	170	250	210	