

SEKISUI

■ Rigid polyvinyl chloride pipes and fittings for drainage

ESLON DV joint

Approved Drawings

SEKISUI CHEMICAL CO.,LTD.

ESLON DV joint Approved Drawings

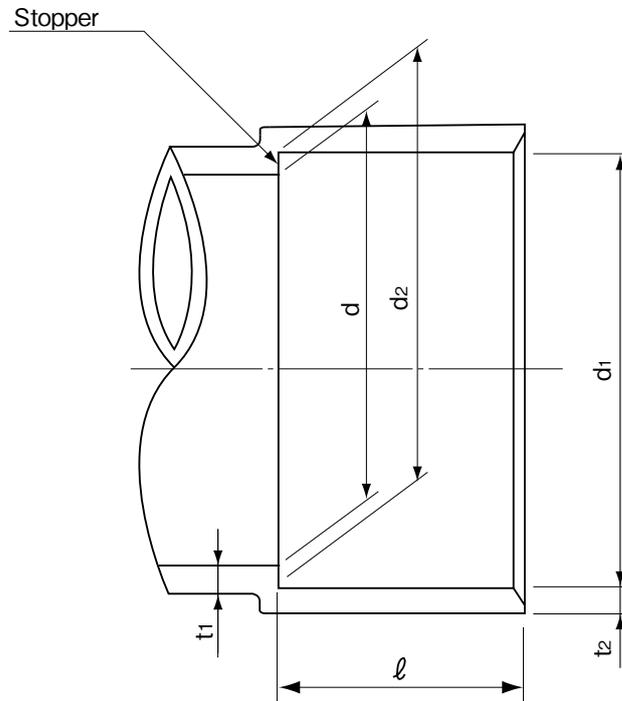
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Item

ESLON DV joint Common dimensions of socket



Unit : mm

Nominal diameter	d_1		d_2		l		d		t_1	t_2
	Standard dimension	Tolerance	Standard dimension	Tolerance	Standard dimension	Tolerance	Standard dimension	Tolerance	Minimum dimension	Minimum dimension
30	38.25	± 0.25	37.85	± 0.25	18	± 1	31.0	± 0.8	2.7	2.5
40	48.30	± 0.30	47.80	± 0.30	22	± 1	40.0	± 0.9	2.7	2.5
50	60.35	± 0.30	59.75	± 0.30	25	± 1	51.0	± 0.9	3.1	3.0
65	76.40	± 0.30	75.70	± 0.30	35	± 1	67.0	± 0.9	3.1	3.0
75	89.45	± 0.30	88.65	± 0.30	40	± 2	77.2	± 0.9	3.6	3.4
100	114.55	± 0.35	113.55	± 0.35	50	± 2	98.8	± 1.0	4.5	4.3
125	140.70	± 0.40	139.40	± 0.40	65	± 2	125.0	± 1.2	5.4	4.7
150	165.85	± 0.45	164.25	± 0.45	80	± 2	145.8	± 1.3	6.3	5.6

Item

**ESLON DV joint
Common dimensions of socket**

Drawing No.

D-VP-002

Drafting

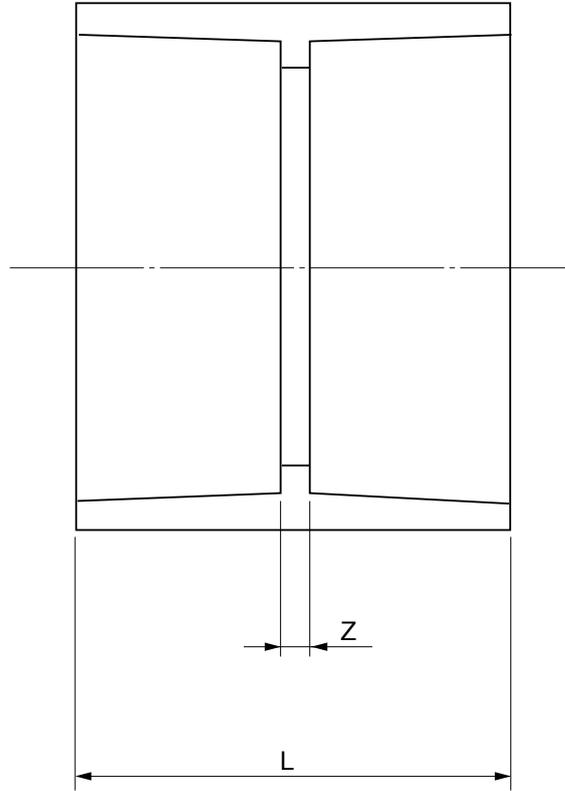
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Socket(DS)**



Unit : mm

Nominal diameter	Z	L	Standard	Part No.
30	3	39	JIS K 6739	DDS30
40	3	47	JIS K 6739	DDS40
50	3	53	JIS K 6739	DDS50
65	3	73	JIS K 6739	DDS65
75	4	84	JIS K 6739	DDS75
100	4	104	JIS K 6739	DDS1H
125	4	134	JIS K 6739	DDS1Q
150	4	164	JIS K 6739	DDS1F

Note:1. The tolerance for Z is ± 2 mm.
2. L is the standard dimension.

Item

**ESLON DV joint
Socket(DS)**

Drawing No.

D-VP-003

Drafting

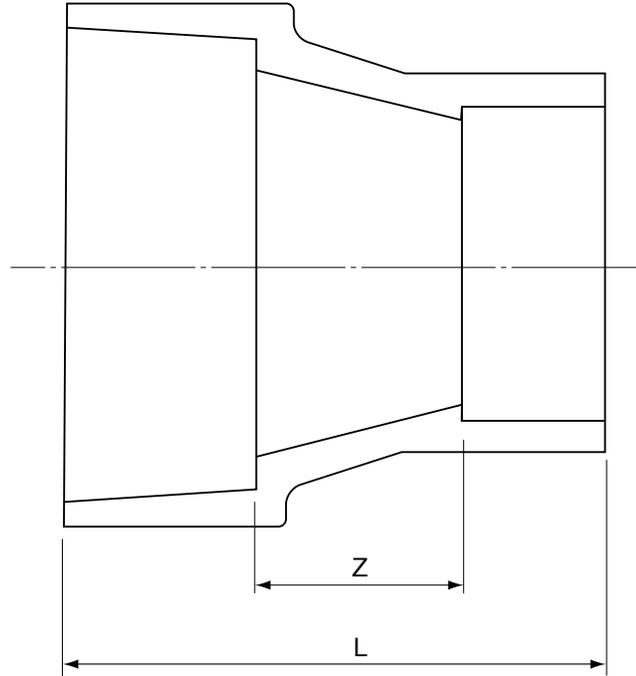
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Increaser(IN)**



Unit : mm

Nominal diameter	Z	L	Standard	Part No.
40× 30	20	60	JIS K 6739	DIN402
50× 40	20	67	JIS K 6739	DIN501
65× 40	20	77	JIS K 6739	DIN652
65× 50	20	80	JIS K 6739	DIN651
75× 40	25	87	JIS K 6739	DIN753
75× 50	25	90	JIS K 6739	DIN752
75× 65	25	100	JIS K 6739	DIN751
100× 40	30	102	JIS K 6739	DIN1H4
100× 50	30	105	JIS K 6739	DIN1H3
100× 65	30	115	JIS K 6739	DIN1H2
100× 75	30	120	JIS K 6739	DIN1H1
125× 75	35	140	Manufacturer's standard	DIN1Q2
125× 100	35	150	JIS K 6739	DIN1Q1
150× 100	40	170	JIS K 6739	DIN1F2
150× 125	40	185	JIS K 6739	DIN1F1

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV joint
Increaser(IN)**

Drawing No.

D-VP-004

Drafting

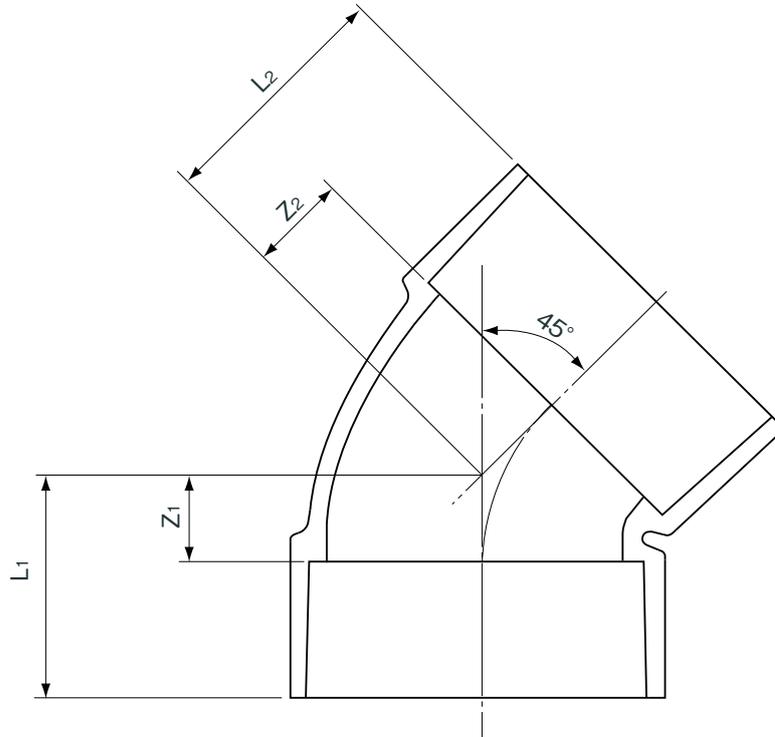
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
45°elbow(45L)**



Unit : mm

Nominal diameter	Z1	Z2	L1	L2	Standard	Part No.
30	12	12	30	30	JIS K 6739	D4L30
40	14	14	36	36	JIS K 6739	D4L40
50	18	18	43	43	JIS K 6739	D4L50
65	22	22	57	57	JIS K 6739	D4L65
75	25	25	65	65	JIS K 6739	D4L75
100	30	30	80	80	JIS K 6739	D4L1H
125	38	38	103	103	JIS K 6739	D4L1Q
150	44	44	124	124	JIS K 6739	D4L1F

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV joint
45°elbow(45L)**

Drawing No.

D-VP-005

Drafting

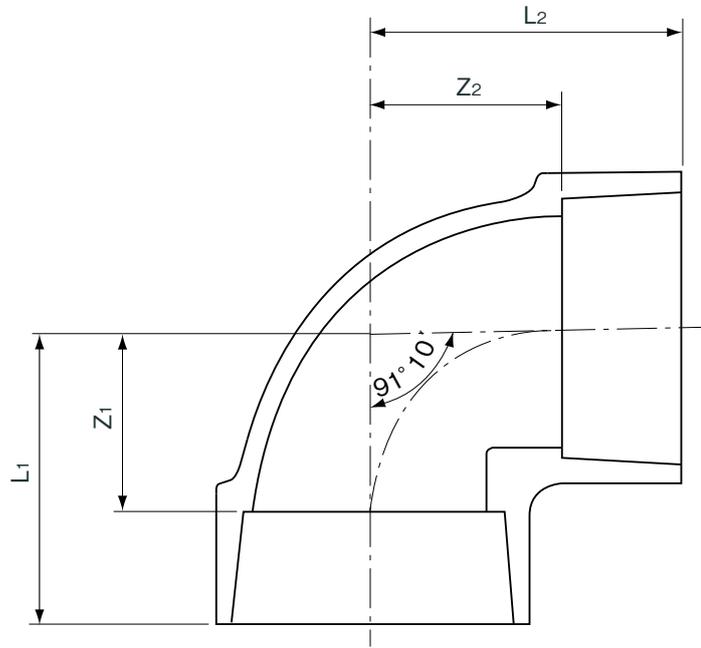
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
90°elbow(DL)**



Unit : mm

Nominal diameter	Z1	Z2	L1	L2	Standard	Part No.
30	22	22	40	40	JIS K 6739	DDL30
40	27	27	49	49	JIS K 6739	DDL40
50	33	33	58	58	JIS K 6739	DDL50
65	42	42	77	77	JIS K 6739	DDL65
75	48	48	88	88	JIS K 6739	DDL75
100	62	62	112	112	JIS K 6739	DDL1H
125	75	75	140	140	JIS K 6739	DDL1Q
150	88	88	168	168	JIS K 6739	DDL1F
50×40	26	32	51	54	Manufacturer's standard	DDL501

Note:1. The tolerance for Z is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^\circ 10'$.

3. L is the standard dimension.

Item

**ESLON DV joint
90°elbow(DL)**

Drawing No.

D-VP-006

Drafting

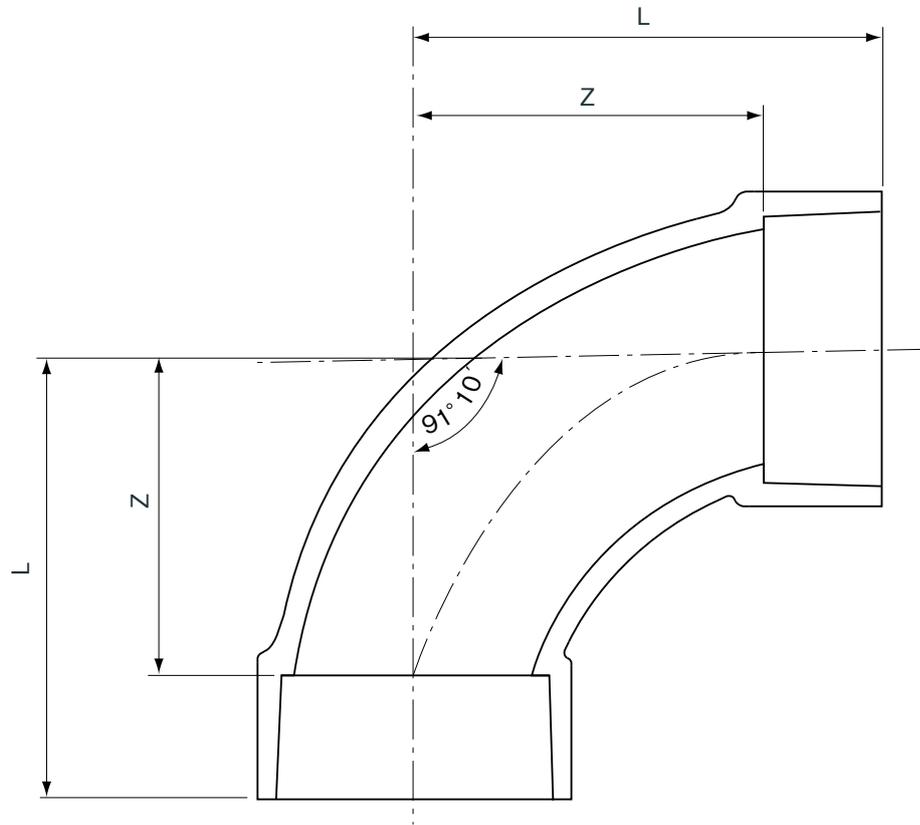
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

ESLON DV joint
90°curved elbow(LL)



Unit : mm

Nominal diameter	Z	L	Standard	Part No.
40	52	74	JIS K 6739	DLL40
50	66	91	JIS K 6739	DLL50
65	90	125	JIS K 6739	DLL65
75	100	140	JIS K 6739	DLL75
100	128	178	JIS K 6739	DLL1H
125	140	205	JIS K 6739	DLL1Q
150	170	250	JIS K 6739	DLL1F

Note:1. The tolerance for Z is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^\circ 10'$.

3. L is the standard dimension.

Item

ESLON DV joint
90°curved elbow(LL)

Drawing No.

D-VP-007

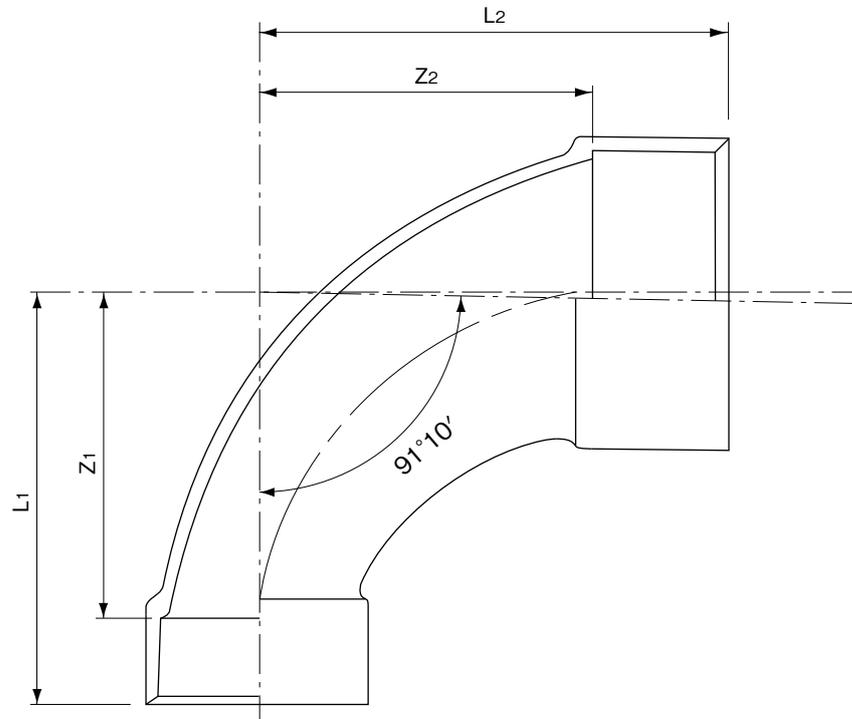
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SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Reducing 90°curved Y (LL)**


Unit : mm

Nominal diameter	Z1	Z2	L1	L2	Standard	Part No.
75×50	100	101	125	141	JIS K 6739	DLL752
100×65	128	128	163	178	JIS K 6739	DLL1H2
100×75	128	128	168	178	JIS K 6739	DLL1H1

Note:1. The tolerance for Z1 and Z2 is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^{\circ}10'$.

3. L1 and L2 are the standard dimensions.

Item

**ESLON DV joint
Reducing 90°curved Y (LL)**

Drawing No.

D-VP-008

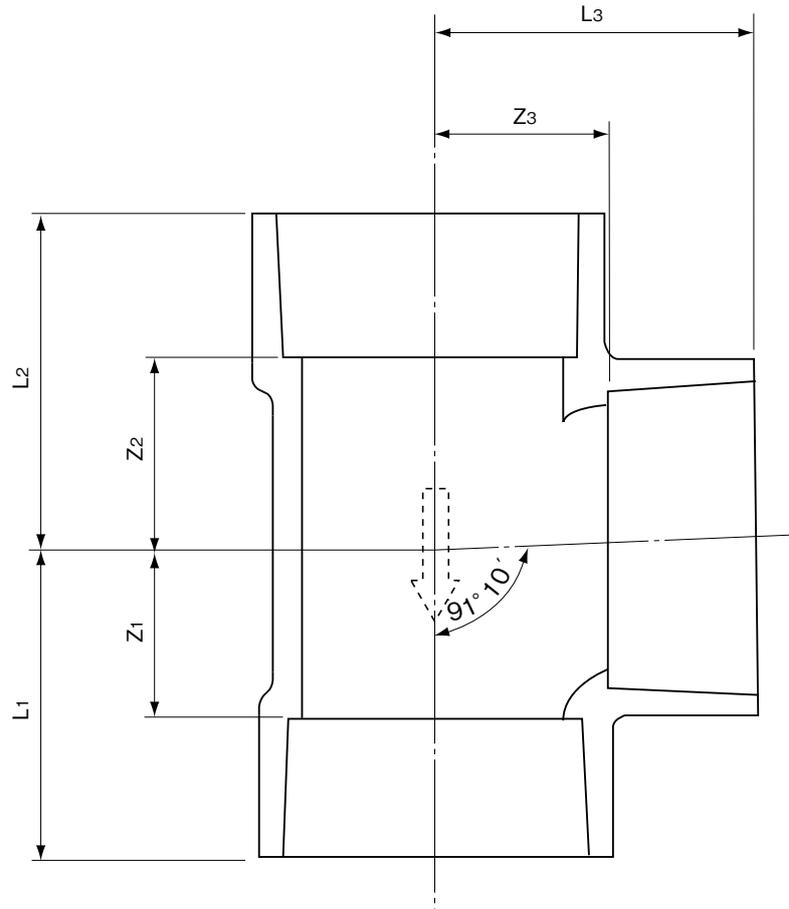
Drafting

SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Reducing 90°Y(DT)**


Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Standard	Part No.
30	22	22	22	40	40	40	JIS K 6739	DDT30
40	27	27	27	49	49	49	JIS K 6739	DDT40
50	34	34	34	59	59	59	JIS K 6739	DDT50
65	42	43	42	77	78	77	JIS K 6739	DDT65
75	48	49	48	88	89	88	JIS K 6739	DDT75
100	62	63	62	112	113	112	JIS K 6739	DDT1H
125	75	76	75	140	141	140	JIS K 6739	DDT1Q
150	89	90	89	169	170	169	JIS K 6739	DDT1F

Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^\circ 10'$.

3. The arrows indicating the direction of flow are protruding outward as shown in the figure.

4. L1,L2 and L3 are the standard dimensions.

Item

**ESLON DV joint
90°Y (DT)**

Drawing No.

D-VP-009

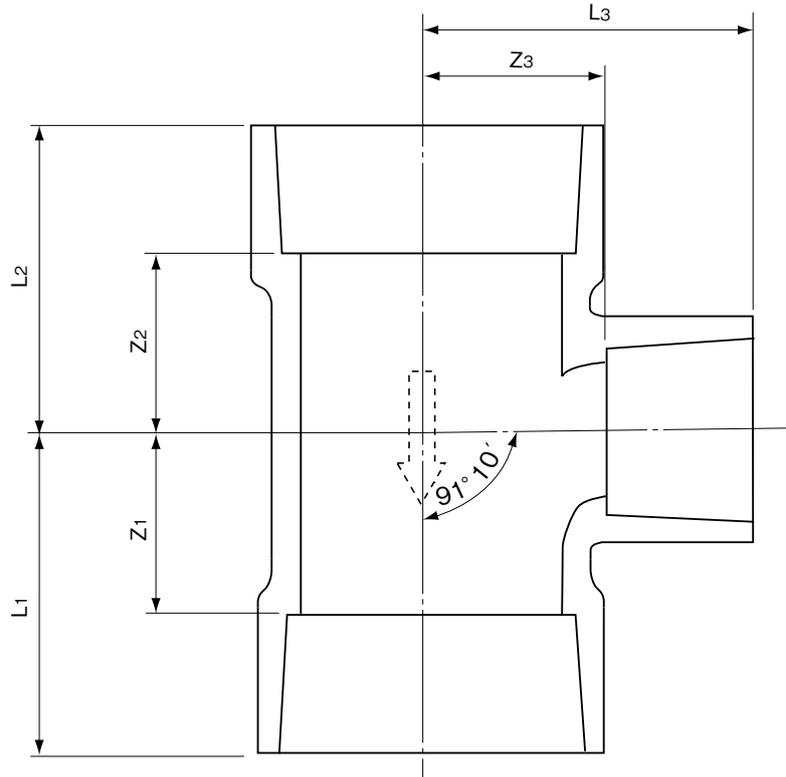
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SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Reducing 90°Y(DT)**


Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Standard	Part No.
40× 30	22	22	27	44	44	45	JIS K 6739	DDT402
50× 30	22	22	33	47	47	51	JIS K 6739	DDT503
50× 40	27	27	33	52	52	55	JIS K 6739	DDT501
65× 40	27	28	42	62	63	64	JIS K 6739	DDT652
65× 50	34	35	42	69	70	67	JIS K 6739	DDT651
75× 40	27	28	48	67	68	70	JIS K 6739	DDT753
75× 50	34	35	48	74	75	73	JIS K 6739	DDT752
75× 65	42	43	48	82	83	83	JIS K 6739	DDT751
100× 40	27	28	62	77	78	84	JIS K 6739	DDT1H4
100× 50	34	35	62	84	85	87	JIS K 6739	DDT1H3
100× 65	42	43	62	92	93	97	JIS K 6739	DDT1H2
100× 75	48	49	62	98	99	102	JIS K 6739	DDT1H1
125× 75	48.5	49	75.5	113.5	114	115.5	Manufacturer's standard	DDT1Q2
125×100	61.5	63	75	126.5	128	124.5	Manufacturer's standard	DDT1Q1
150× 75	53	52	90	132.8	131.8	129.8	Manufacturer's standard	DDT1F3
150×100	61.5	62.5	90	141	142	140	Manufacturer's standard	DDT1F2
150×125	77	74	89	154	153.5	153.5	Manufacturer's standard	DDT1F1

Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^{\circ}10'$.

3. The arrows indicating the direction of flow are protruding outward as shown in the figure.

4. L1,L2 and L3 are the standard dimensions.

Item

**ESLON DV joint
Reducing 90°Y(DT)**

Drawing No.

D-VP-010

Drafting

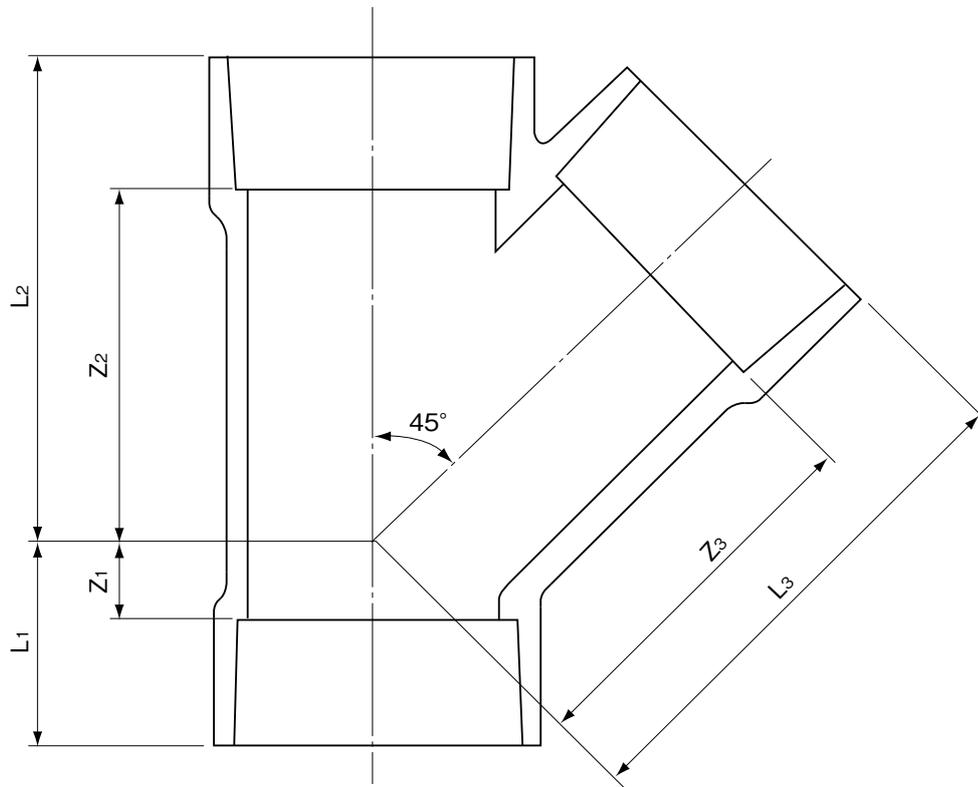
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
45°Y(Y)**



Unit : mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Standard	Part No.
40	12	58	62	34	80	84	JIS K 6739	DY40
50	20	72	78	45	97	103	JIS K 6739	DY50
65	20	92	98	55	127	133	JIS K 6739	DY65
75	26	106	115	66	146	155	JIS K 6739	DY75
100	32	134	144	82	184	194	JIS K 6739	DY1H
125	38	172	175	103	237	240	JIS K 6739	DY1Q
150	44	204	210	124	284	290	JIS K 6739	DY1F

- Note:1. The tolerance for Z₁,Z₂ and Z₃ is ± 2 mm.
2. L₁,L₂ and L₃ are the standard dimensions.

Item

**ESLON DV joint
45°Y(Y)**

Drawing No.

D-VP-011

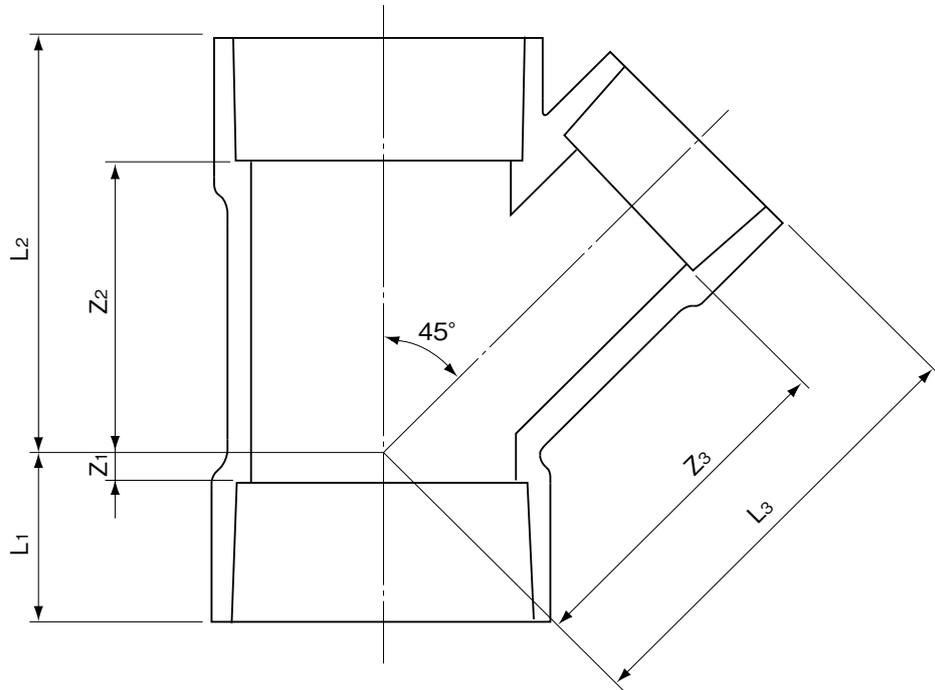
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SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Reducing 45°Y(Y)**


Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Standard	Part No.
40× 30	6	50	58	28	72	76	JIS K 6739	DY402
50× 30	0	56	65	25	81	83	JIS K 6739	DY503
50× 40	8	62	70	33	87	92	JIS K 6739	DY501
65× 40	-1	72	82	34	107	104	JIS K 6739	DY652
65× 50	8	80	88	43	115	113	JIS K 6739	DY651
75× 40	-6	78	92	34	118	114	JIS K 6739	DY753
75× 50	3	86	98	43	126	123	JIS K 6739	DY752
75× 65	14	98	106	54	138	141	JIS K 6739	DY751
100× 40	-14	96	112	36	146	134	JIS K 6739	DY1H4
100× 50	-8	98	118	42	148	143	JIS K 6739	DY1H3
100× 65	3	110	125	53	160	160	JIS K 6739	DY1H2
100× 75	19	118	132	69	168	172	JIS K 6739	DY1H1
125×100	19	150	171	84	215	221	JIS K 6739	DY1Q1
150×100	6	165	185	86	245	235	JIS K 6739	DY1F2

Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.

2. L1,L2 and L3 are the standard dimensions.

Item

**ESLON DV joint
Reducing 45°Y(Y)**

Drawing No.

D-VP-012

Drafting

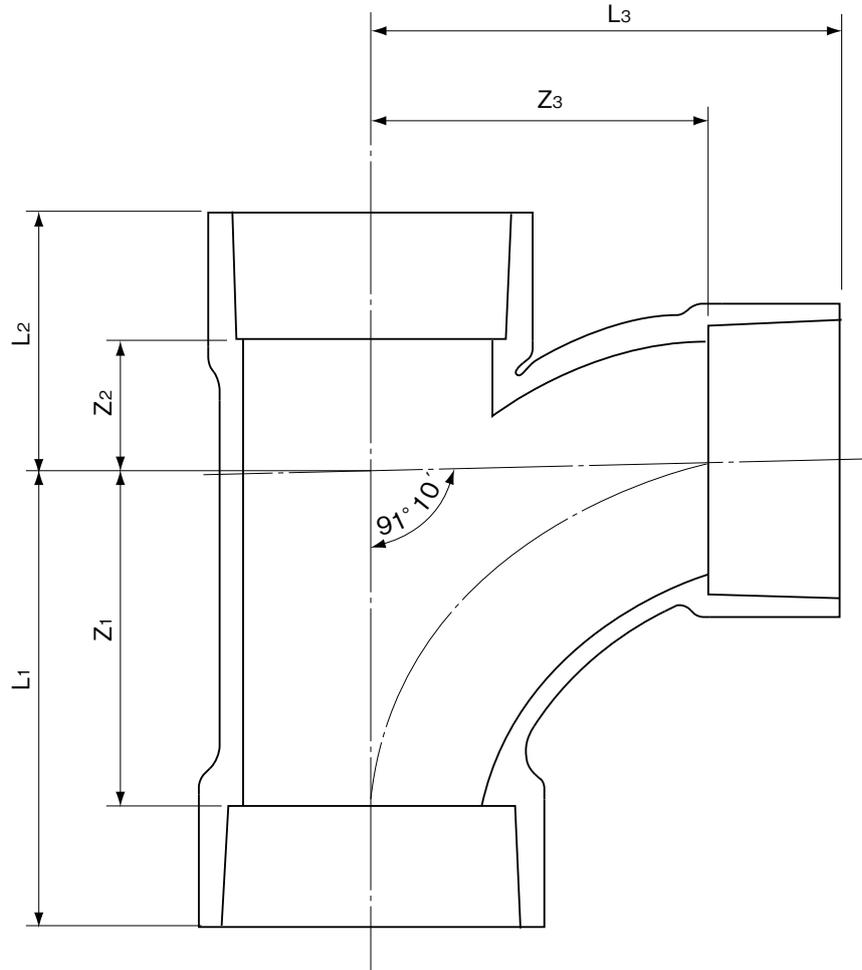
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

ESLON DV joint
90°curved Y(LT)



Unit : mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Standard	Part No.
40	52	23	52	74	45	74	JIS K 6739	DLT40
50	66	26	66	91	51	91	JIS K 6739	DLT50
65	90	33	90	125	68	125	JIS K 6739	DLT65
75	100	30	100	140	70	140	JIS K 6739	DLT75
100	128	45	128	178	95	178	JIS K 6739	DLT1H
125	140	50	140	205	115	205	JIS K 6739	DLT1Q
150	170	65	170	250	145	250	JIS K 6739	DLT1F

Note:1. The tolerance for Z₁,Z₂ and Z₃ is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^\circ 10'$.

3. L₁,L₂ and L₃ are the standard dimensions.

Item

ESLON DV joint
90°curved Y(LT)

Drawing No.

D-VP-013

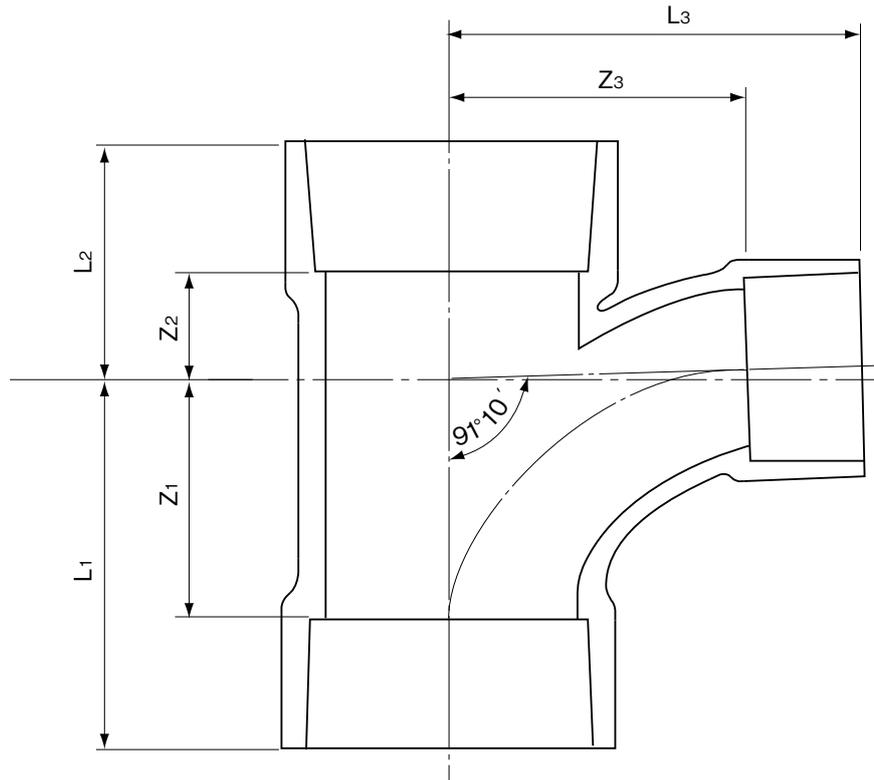
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Date

2025.6.30

Item

**ESLON DV joint
Reducing 90°curved Y(LT)**


Unit:mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Standard	Part No.
50× 40	52	23	57	77	48	79	JIS K 6739	DLT501
65× 40	52	24	66	87	59	88	JIS K 6739	DLT652
65× 50	66	27	74	101	62	99	JIS K 6739	DLT651
75× 40	52	25	71	92	65	93	JIS K 6739	DLT753
75× 50	66	29	79	106	69	104	JIS K 6739	DLT752
75× 65	90	32	95	130	72	130	JIS K 6739	DLT751
100× 40	52	28	82	102	78	104	JIS K 6739	DLT1H4
100× 50	66	32	90	116	82	115	JIS K 6739	DLT1H3
100× 65	90	36	107	140	86	142	JIS K 6739	DLT1H2
100× 75	100	33	110	150	83	150	JIS K 6739	DLT1H1
125× 50	66	33	103	131	98	128	JIS K 6739	DLT1Q4
125× 65	90	38	120	155	103	155	JIS K 6739	DLT1Q3
125× 75	100	42	124	165	107	164	JIS K 6739	DLT1Q2
125×100	128	52	140	193	117	190	JIS K 6739	DLT1Q1
150× 65	90	42	130	170	122	165	JIS K 6739	DLT1F4
150× 75	100	45	135	180	125	175	JIS K 6739	DLT1F3
150×100	128	53	152	208	133	202	JIS K 6739	DLT1F2
150×125	145	63	153	225	144	218	Manufacturer's standard	DLT1F1

Note:1. The tolerance for Z₁,Z₂ and Z₃ is ±2mm.

2. The permissible tolerance for the flow angle is ±30' at 91°10'.

3. L₁,L₂ and L₃ are the standard dimensions.

Item

**ESLON DV joint
Reducing 90°curved Y(LT)**

Drawing No.

D-VP-014

Drafting

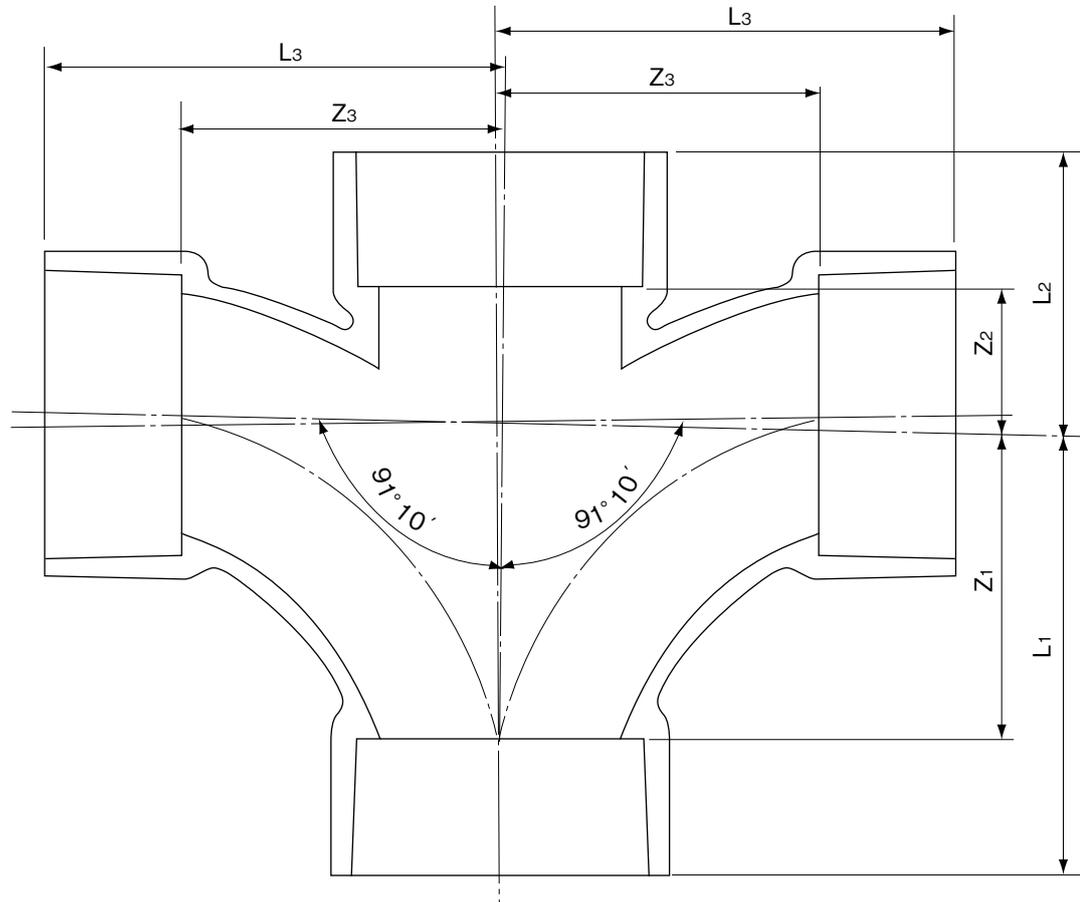
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
90°curved both-end Y (WLT)**



Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Standard	Part No.
65	90	33	90	125	68	125	JIS K 6739	DWT65
75	100	38	100	140	78	140	JIS K 6739	DWT75
100	128	45	128	178	95	178	JIS K 6739	DWT1H

Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.

2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^\circ 10'$.

3. L1,L2 and L3 are the standard dimensions.

Item

**ESLON DV joint
90°curved both-end Y (WLT)**

Drawing No.

D-VP-015

Drafting

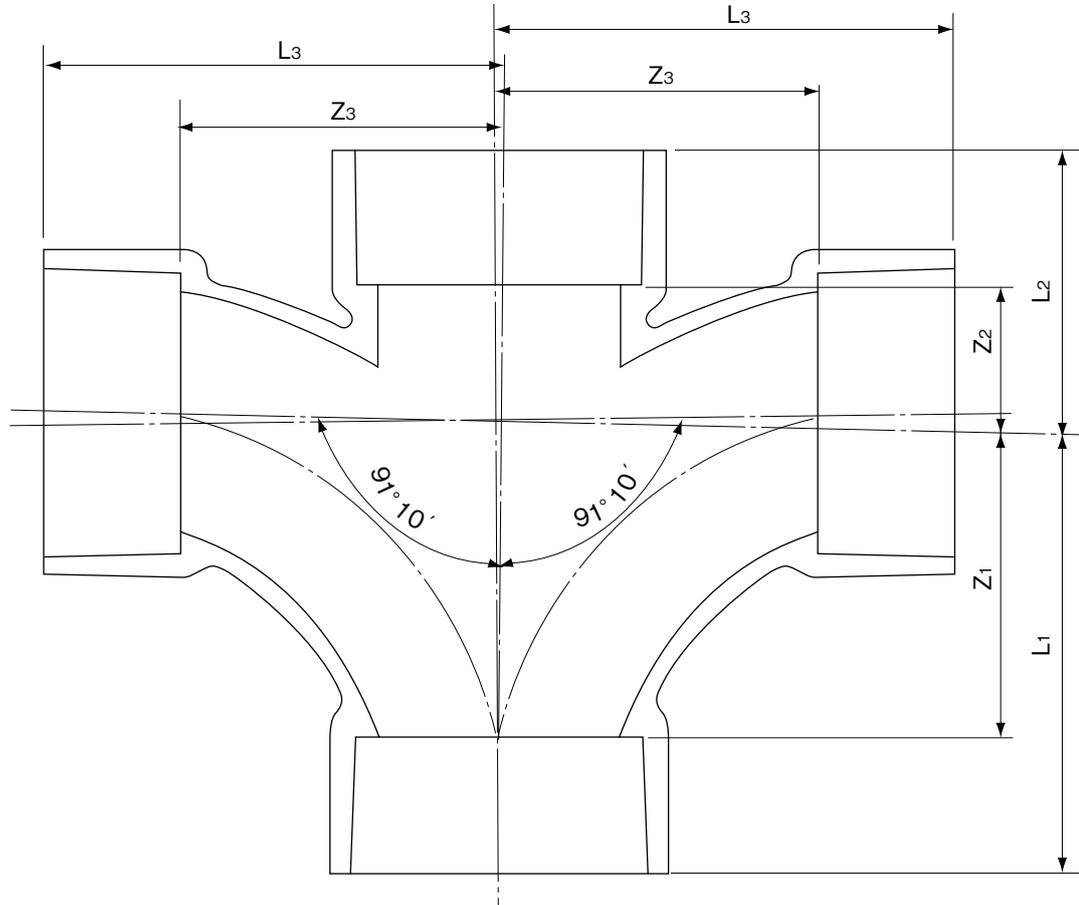
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV joint
Reducing 90°curved both-end Y (WLT)**



Unit : mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Standard	Part No.
100×75	100	40	110	150	90	150	JIS K 6739	DWT1H1
125×100	128	52	140	193	117	190	JIS K 6739	DWT1Q1

Note:1. The tolerance for Z₁,Z₂ and Z₃ is ±2mm.

2. The permissible tolerance for the flow angle is ±30' at 91°10'.

3. L₁,L₂ and L₃ are the standard dimensions.

Item

**ESLON DV joint
Reducing 90°curved both-end Y (WLT)**

Drawing No.

D-VP-016

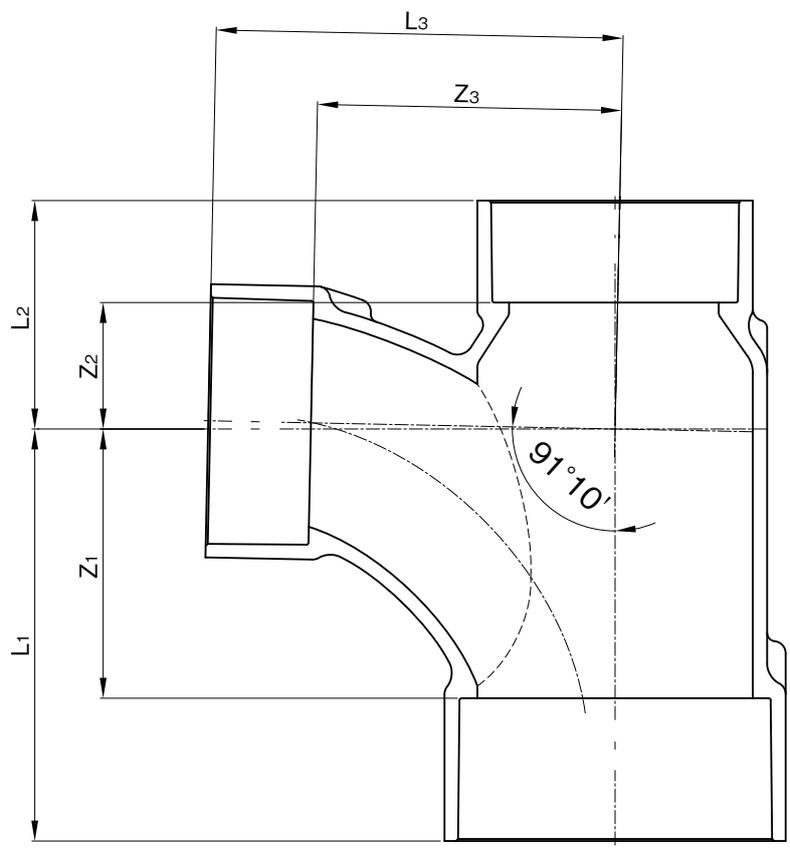
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SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item **ESLON DV joint
Reducing 90°curved Y(LT) 65×50×50**



Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Standard	Part No.
65×50×50	66	31	74	101	56	99	Manufacturer's standard	DLT611

- Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.
 2. The permissible tolerance for the flow angle is $\pm 30'$ at $91^{\circ}10'$.
 3. L1,L2 and L3 are the standard dimensions.

Item ESLON DV joint Reducing 90°curved Y(LT) 65×50×50	Drawing No. D-VP-020
Drafting SEKISUI CHEMICAL CO.,LTD.	Date 2025.6.30