

# SEKISUI

■ Heat-resistant rigid PVC pipe and fittings

## **ESLON HT Joint**

**Approved Drawings**

SEKISUI CHEMICAL CO.,LTD.

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## ESLON HT Joint Approved Drawings

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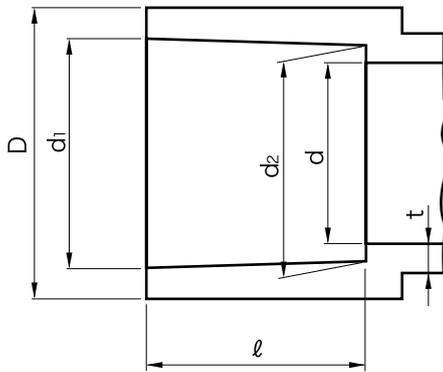
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### ■ ESLON HT Joint

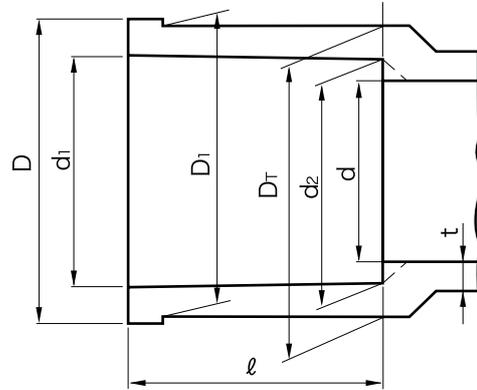
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Item

### Heat-resistant rigid PVC pipe and fittings Common dimensions of socket(A type)



(13~50mm)



(65~150mm)

Unit : mm

Nominal diameter	$d_1$	$l$	$d_2$	$d$ (min.)	$D$	$D_1$	$D_2$	$t$ (min.)
★ 13	$18.30 \pm 0.20$	22	$17.55 \pm 0.25$	14	$26^{-0}$	—	—	3.5
★ 16	$22.35 \pm 0.20$	27	$21.55 \pm 0.25$	17	$29^{-0}$	—	—	3.5
★ 20	$26.35 \pm 0.20$	33	$25.50 \pm 0.25$	21	$34^{-0}$	—	—	4.0
★ 25	$32.50 \pm 0.30$	38	$31.40 \pm 0.35$	26	$41^{-0}$	—	—	4.0
★ 30	$38.50 \pm 0.30$	42	$37.45 \pm 0.35$	34	$46^{-0}$	—	—	4.5
★ 40	$48.50 \pm 0.30$	47	$47.45 \pm 0.35$	40	$56^{-0}$	—	—	4.5
★ 50	$60.50 \pm 0.30$	52	$59.45 \pm 0.35$	50	$69^{-0}$	—	—	5.0
65	$76.70 \pm 0.40$	70	$75.25 \pm 0.45$	67	91	$87^{-1.5}$	$88.5^{-1.5}$	6.1
75	$89.70 \pm 0.40$	75	$88.25 \pm 0.45$	77	106	$102^{-1.5}$	$104.5^{-1.5}$	7.5
100	$114.85 \pm 0.50$	94	$113.15 \pm 0.50$	100	134	$130^{-1.8}$	$133.5^{-1.8}$	9.4
125	$140.80 \pm 0.50$	104	$139.01 \pm 0.50$	125	166	$157^{-1.8}$	$161.0^{-1.8}$	10.4
150	$166.00 \pm 0.50$	132	$163.90 \pm 0.50$	146	189	$186^{-2.0}$	$190.0^{-2.0}$	12.2

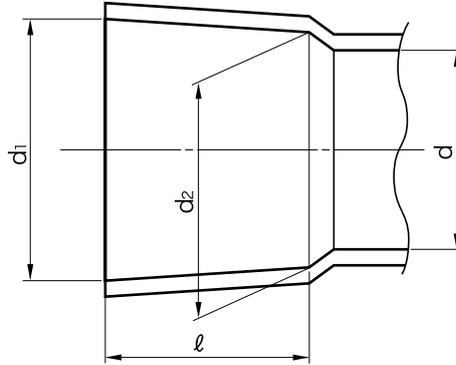
Note 1.The tolerance for  $l$  is  $\pm 4$  mm.

2.Item with ★mark is made to order.(JIS K 6777)

Item	Heat-resistant rigid PVC pipe and fittings Common dimensions of socket(A type)	Drawing No. HT-02
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date 2025.8.20

Item

Heat-resistant rigid PVC pipe and fittings  
Common dimensions of socket (B type)



Unit : mm

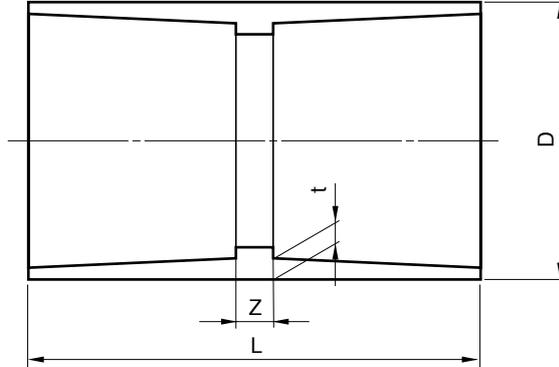
Nominal diameter	$d_1$	$l$	$d_2$	$d$ (min)
★ 13	18.30±0.20	22	17.55±0.25	14
★ 16	22.35±0.20	27	21.55±0.25	17
★ 20	26.35±0.20	33	25.50±0.25	21
★ 25	32.50±0.30	38	31.40±0.35	26
★ 30	38.50±0.30	42	37.45±0.35	34
★ 40	48.50±0.30	47	47.45±0.35	40
★ 50	60.50±0.30	52	59.45±0.35	50
65	76.80±0.30	69	75.12±0.45	—
75	89.80±0.30	72	88.13±0.45	—
100	115.00±0.35	92	112.91±0.50	—
125	141.20±0.40	112	138.71±0.50	—
150	166.50±0.50	140	163.39±0.50	—

Note 1. The tolerance for  $l$  is  $\pm 4$  mm.

2. Item with ★ mark is made to order. (JIS K 6777)

Item	Heat-resistant rigid PVC pipe and fittings Common dimensions of socket (B type)	Drawing No. HT-03
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date 2025.8.20

Item

**ESLON HT joint  
Socket (A type)**


Unit : mm

Nominal diameter	D	L	t(min.)	Z	Part No.
★ 13	26 - 0	49	3.5	5	THS13
★ 16	29 - 0	59	3.5	5	THS16
★ 20	34 - 0	71	4.0	5	THS20
★ 25	41 - 0	82	4.0	6	THS25
★ 30	46 - 0	89	4.5	5	THS30
★ 40	56 - 0	99	4.5	5	THS40
★ 50	69 - 0	109	5.0	5	THS50
65	91	145	6.1	5	THS65
75	106	154	7.5	8	THS75
100	134	200	9.4	12	THS1H
125	166	232	10.4	24	THS1QY
150	189	300	12.2	36	THS1FY

Note 1.The tolerance for L is  $\pm 6$  mm.

2.Item with ★mark is made to order.(JIS K 6777)

Item

**ESLON HT joint  
Socket (A type)**

Drawing No.

**HT-04**

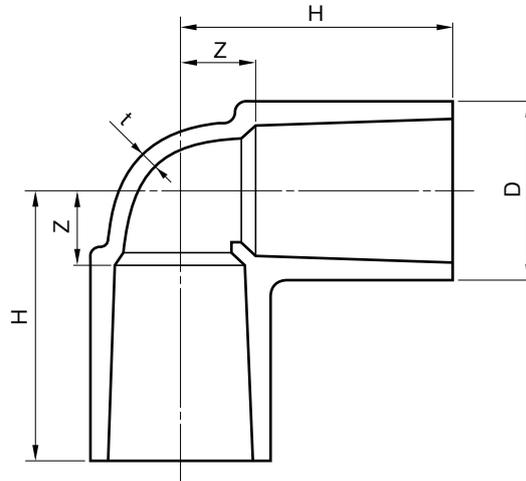
Drafting

SEKISUI CHEMICAL CO.,LTD.

Date

2025.8.20

Item

**ESLON HT joint  
Elbow (A type)**


Unit : mm

Nominal diameter	D	t(min.)	H	Z	Part No.
★ 13	26 - 0	3.5	34	12	THL13
★ 16	29 - 0	3.5	41	14	THL16
★ 20	34 - 0	4.0	53	20	THL20
★ 25	41 - 0	4.0	58	20	THL25
★ 30	46 - 0	4.5	64	22	THL30
★ 40	56 - 0	4.5	74	27	THL40
★ 50	69 - 0	5.0	85	33	THL50
65	91	6.1	114	44	THL65Y
75	106	7.5	123.5	44.5	THL75Y
100	134	9.4	156	63	THL1HY
125	166	10.4	189	83	THL1QY
150	189	12.2	230	98	THL1FY

Note 1.The tolerance for H is  $\pm 4$  mm.

2.Item with ★mark is made to order.(JIS K 6777)

 Item  
**ESLON HT joint  
Elbow (A type)**

 Drawing No.  
**HT-05**

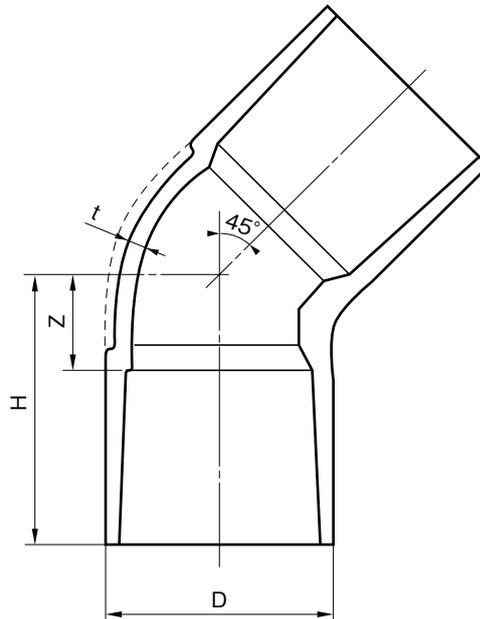
 Drafting  
 SEKISUI CHEMICAL CO.,LTD.

 Date  
 2025.8.20

Item

**ESLON HT joint  
45° elbow(A type)**

(Non-JIS standard item)



Unit : mm

Nominal diameter	D	t (min.)	H	Z	Part No.
13	26 -0	3.5	27	5	TH4L13
16	29 -0	3.5	33	6	TH4L16
20	34 -0	4.0	44	11	TH4L20
25	41 -0	4.0	50	12	TH4L25
30	46 -0	4.5	53	11	TH4L30
40	56 -0	4.5	61	14	TH4L40
50	69 -0	5.0	80	28	TH4L50
65	91	6.1	94	24	TH4L65Y
75	106	7.5	98	23	TH4L75
100	134	9.4	123	29	TH4L1H
125	166	11.0	149	44	TH4LIQ
150	189	13.5	184	51	TH4LIF

Note 1.The tolerance for H is  $\pm 4$ mm.  
2.Dashed lines indicate the 50A nominal size.

Item

**ESLON HT joint  
45° elbow(A type)**

Drawing No.

**HT-06**

Drafting

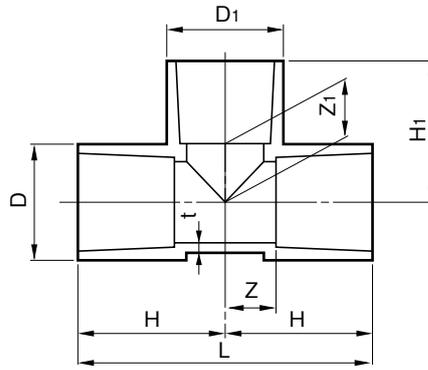
SEKISUI CHEMICAL CO.,LTD.

Date

2025.8.20

Item

ESLON HT joint  
Tee/reducing tee (A type)



Unit : mm

Nominal diameter	D	t(min.)	L	H	D1	H1	Z	Z1	Part No.
★13	26 - 0	3.5	68	34	26	34	12	12	THT13
★16	29 - 0	3.5	82	41	29	41	14	14	THT16
★16×13	29 - 0	3.5	78	39	26	36	12	14	THT161
★20	34 - 0	4.0	106	53	34	53	20	20	THT20
★20×13	34 - 0	4.0	90	45	26	38	12	16	THT202
★20×16	34 - 0	4.0	94	47	29	43	14	14	THT201
★25	41 - 0	4.0	116	58	41	58	20	20	THT25
★25×13	41 - 0	4.0	98	49	26	41	11	19	THT253
★25×16	41 - 0	4.0	104	52	29	46	14	19	THT252
★25×20	41 - 0	4.0	108	54	34	52	16	19	THT251
★30	46 - 0	4.5	128	64	46	64	22	22	THT30
★30×13	46 - 0	4.5	108	54	26	44	12	22	THT304A
★30×16	46 - 0	4.5	112	56	29	49	14	22	THT303A
★30×20	46 - 0	4.5	116	58	34	55	16	22	THT302A
★30×25	46 - 0	4.5	120	60	41	60	18	22	THT301A
★40	56 - 0	4.5	150	75	56	75	28	28	THT40
★40×13	56 - 0	4.5	124	62	26	49	15	27	THT406A
★40×16	56 - 0	4.5	126	63	29	54	16	27	THT405A
★40×20	56 - 0	4.5	130	65	34	60	18	27	THT404A
★40×25	56 - 0	4.5	136	68	41	65	21	27	THT403A
★40×30	56 - 0	4.5	144	72	46	69	25	27	THT402A
★50	69 - 0	5.0	174	87	69	87	35	35	THT50
★50×13	69 - 0	5.0	138	69	26	55	17	33	THT507A
★50×16	69 - 0	5.0	140	70	29	60	18	33	THT506A
★50×20	69 - 0	5.0	144	72	34	70	20	37	THT505A
★50×25	69 - 0	5.0	150	75	41	75	23	37	THT504A
★50×30	69 - 0	5.0	158	79	46	75	27	33	THT503A
★50×40	69 - 0	5.0	164	82	56	80	30	33	THT502A
65	91	6.1	228	114	91	114	44	44	THT65Y
75	106	7.5	247	123.5	106	123.5	48.5	48.5	THT75Y
100	134	9.4	312	156	134	156	62	62	THT1HY
125	166	10.4	378	189	166	189	85	85	THT1QY
150	189	12.2	460	230	189	230	98	98	THT1FY

Note 1.The tolerance for H is  $\pm 4$  mm.

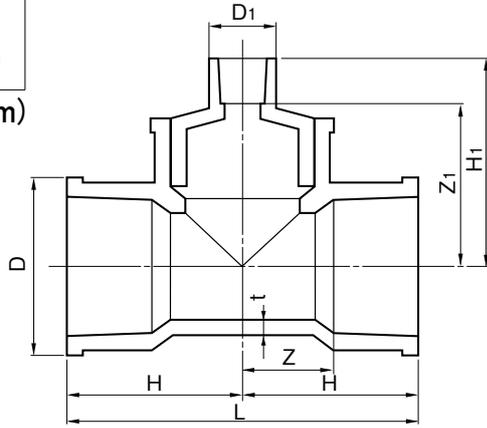
2.Item with ★mark is made to order.(JIS K 6777)

Item	ESLON HT joint Tee/reducing tee (A type)	Drawing No.	HT-07
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20

Item

ESLON HT joint  
Tee (Tee+Reducing Coupling)

(Non-JIS standard item)



Unit : mm

Nominal diameter	D	t(min)	L	H	D1	H1	Z	Z1	Part No.
65×13	91 - 0	6.1	228	114	26	143	44	123	HTT657
65×16	91 - 0	6.1	228	114	31	147	44	117	HTT656
65×20	91 - 0	6.1	228	114	33	153	44	118	HTT655
65×25	91 - 0	6.1	228	114	40	157	44	117	HTT654
65×30	91 - 0	6.1	228	114	48	157	44	117	HTT653
65×40	91 - 0	6.1	228	114	57	172	44	127	HTT652
65×50	91 - 0	6.1	228	114	70	181	44	131	HTT651
75×20	106 - 0	7.5	247	123.5	33	161.5	48.5	126.5	HTT756
75×25	106 - 0	7.5	247	123.5	40	167.5	48.5	127.5	HTT755
75×30	106 - 0	7.5	247	123.5	48	167.5	48.5	127.5	HTT754
75×40	106 - 0	7.5	247	123.5	57	182.5	48.5	137.5	HTT753
75×50	106 - 0	7.5	247	123.5	70	190.5	48.5	140.5	HTT752
75×65	106 - 0	7.5	247	123.5	87	189.5	48.5	128.5	HTT751
100×20	134 - 0	9.4	312	156	36	194	62	159	HTT1H8
100×25	134 - 0	9.4	312	156	40	200	62	160	HTT1H7
100×30	134 - 0	9.4	312	156	48	200	62	160	HTT1H6
100×40	134 - 0	9.4	312	156	57	204	62	159	HTT1H4
100×50	134 - 0	9.4	312	156	70	210	62	160	HTT1H3
100×65	134 - 0	9.4	312	156	87	223	62	162	HTT1H2
100×75	134 - 0	9.4	312	156	101	239	62	167	HTT1H1
※125×20	166 - 0	10.4	378	189	36	229	85	194	HTT1Q8
※125×25	166 - 0	10.4	378	189	42	235	85	195	HTT1Q7
※125×50	166 - 0	10.4	378	189	70	245	85	195	HTT1Q4
※125×65	166 - 0	10.4	378	189	87	255	85	194	HTT1Q3
※125×75	166 - 0	10.4	378	189	101	269	85	197	HTT1Q2
※125×100	166 - 0	10.4	378	189	130	288	85	196	HTT1Q1
※150×20	189 - 0	12.2	460	230	36	273	98	238	HTT1F9
※150×25	189 - 0	12.2	460	230	42	278	98	238	HTT1F8
※150×75	189	12.2	460	230	101	317	98	245	HTT1F3
※150×100	189	12.2	460	230	130	331	98	239	HTT1F2
※150×125	189	12.2	460	230	157	342	98	238	HTT1F1

Note 1.The tolerance for H is  $\pm 4$  mm.2.H<sub>1</sub> and Z<sub>1</sub> dimensions of Tee (Tee + Reducing Coupling) are reference values.

3.Tee 125 and 150 (Tee + Reducing Coupling) are made to order.

4.This is a product combining a Tee and a reducing socket (A-II type).

Item

ESLON HT joint  
Tee (Tee+Reducing Coupling)

Drawing No.

HT-08

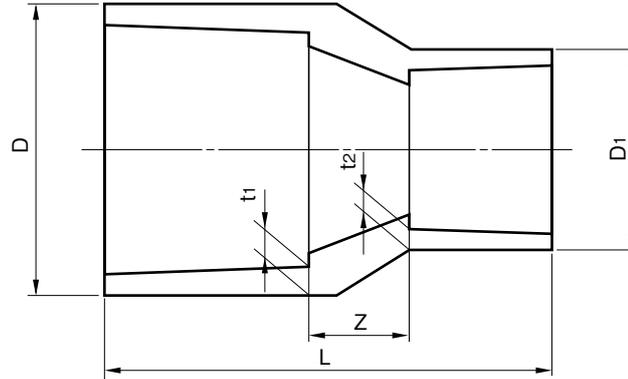
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SEKISUI CHEMICAL CO.,LTD.

Date

2025.8.20

Item

**ESLON HT joint  
Reducing socket (A- I type)**


Unit : mm

Nominal diameter	D (min.)	D1 (min.)	L	t1 (min.)	t2 (min.)	Z	Part No.
★16× 13	29	26	53	3.5	3.5	4	THS161
★20× 13	34	26	61.5	4.0	3.5	6.5	THS202
★20× 16	34	29	66	4.0	3.5	6	THS201
★25× 13	41	26	73	4.0	3.5	13	THS253
★25× 16	41	29	76	4.0	3.5	11	THS252
★25× 20	41	34	80.5	4.0	4.0	9.5	THS251
★30× 20	46	34	85	4.5	4.0	10	THS302
★30× 25	46	41	90	4.5	4.0	10	THS301
★40× 20	56	34	98	4.5	4.0	18	THS404
★40× 25	56	41	100	4.5	4.0	15	THS403
★40× 30	56	46	97	4.5	4.5	8	THS402
★50× 25	69	41	110	5.0	4.0	20	THS504
★50× 30	69	46	110	5.0	4.5	16	THS503
★50× 40	69	56	110	5.0	4.5	11	THS501

Note 1.The tolerance for L is  $\pm 5$  mm.

2.Item with ★mark is made to order.(JIS K 6777)

Item

**ESLON HT joint  
Reducing socket (A- I type)**

Drawing No.

**HT-09**

Drafting

**SEKISUI CHEMICAL CO.,LTD.**

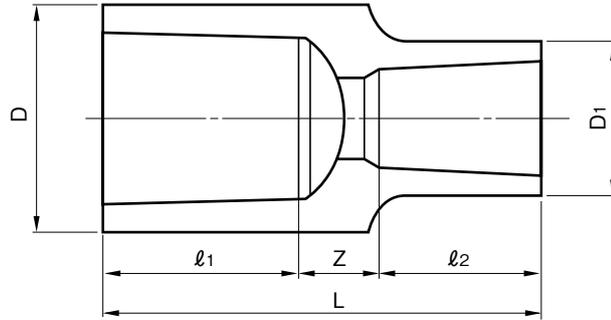
Date

**2025.8.20**

Item

**ESLOESLON HT joint  
Reducing socket (A- II type)**

(Non-JIS standard item)



Unit : mm

Reducing Coupling	Bush	D	D1	L	$l_1$	$l_2$	Z	Part No.
50× 13	65× 13	76	26	99	63	20	16	HTS506Y
50× 16	65× 16	76	31	103	63	30	10	HTS505Y
50× 20	65× 20	76	33	109	63	35	11	HTS504Y
50× 25	65× 25	76	40	113	63	40	10	HTS503Y
50× 30	65× 30	76	48	113	63	40	10	HTS502Y
50× 40	65× 40	76	57	128	63	45	20	HTS501Y
50× 50	65× 50	76	70	137	63	50	24	HTS500Y
65× 20	75× 20	89	33	113	61	35	17	HTS655Y
65× 25	75× 25	89	40	119	61	40	18	HTS654Y
65× 30	75× 30	89	48	119	61	40	18	HTS653Y
65× 40	75× 40	89	57	134	61	45	28	HTS652Y
65× 50	75× 50	89	70	142	61	50	31	HTS651Y
65× 65	75× 65	89	87	141	61	61	19	HTS650Y

Note 1. The tolerance for  $l_1$  and  $l_2$  is  $\pm 4$  mm.

Item

**ESLOESLON HT joint  
Reducing socket (A- II type)**

Drawing No.

**HT-10**

Drafting

SEKISUI CHEMICAL CO.,LTD.

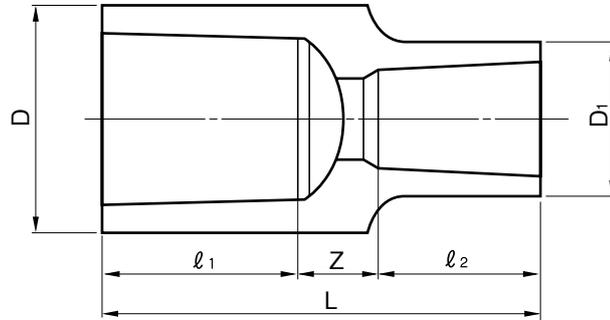
Date

2025.8.20

Item

**ESLOESLON HT joint  
Reducing socket (A-Ⅲ type)**

(Non-JIS standard item)



Unit : mm

Nominal diameter	D	D <sub>1</sub>	L	l <sub>1</sub>	l <sub>2</sub>	Z	Part No.
75× 20	114	36	132	72	35	25	HTS756Y
75× 25	114	40	138	72	40	26	HTS755Y
75× 30	114	48	138	72	40	26	HTS754Y
75× 40	114	57	142	72	45	25	HTS753Y
75× 50	114	70	148	72	50	26	HTS752Y
75× 65	114	87	161	72	61	28	HTS751Y
75× 75	114	101	177	72	72	33	HTS750Y
100× 20	140	36	144	92	35	17	HTS1H7Y
100× 25	140	42	150	92	40	18	HTS1H6Y
100× 50	140	70	160	92	50	18	HTS1H3Y
100× 65	140	87	170	92	61	17	HTS1H2Y
100× 75	140	101	184	92	72	20	HTS1H1Y
100×100	140	130	203	92	92	19	HTS1H0Y
125× 20	165	36	175	104	35	36	HTS1Q8Y
125× 25	165	42	180	104	40	36	HTS1Q7Y
125× 75	165	101	219	104	72	43	HTS1Q2Y
125×100	165	130	233	104	92	37	HTS1Q1Y
125×125	165	157	244	104	104	36	HTS1Q0Y

Note 1.The tolerance for l<sub>1</sub> and l<sub>2</sub> is ±4 mm.

Item

**ESLOESLON HT joint  
Reducing socket (A-Ⅲ type)**

Drawing No.

HT-11

Drafting

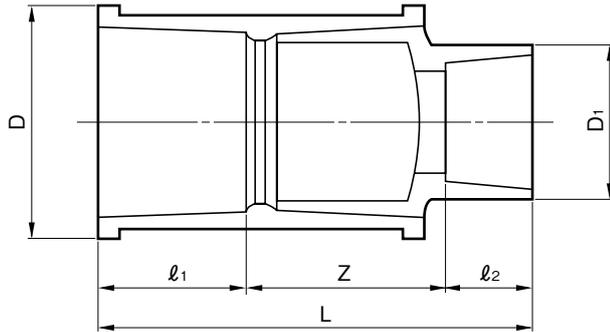
SEKISUI CHEMICAL CO.,LTD.

Date

2025.8.20

Item **ESLON HT joint  
Reducing socket  
(Socket(A type)+Reducing socket(A- I type))**

(Non-JIS standard item)



Unit : mm

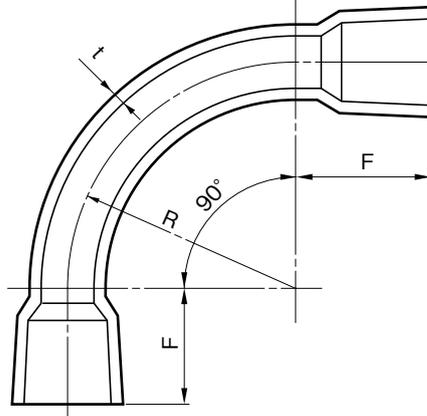
Nominal diameter	D	D <sub>1</sub>	L	l <sub>1</sub>	l <sub>2</sub>	Z	Part No.
150×125	189	157	412	132	104	176	HTS1F1

- Note 1.The tolerance for  $l_1$  and  $l_2$  is  $\pm 4$  mm.  
 2.L dimensions due to TS joint are reference values.  
 3.This is a product combining a Socket(A type) and a reducing socket (A-II type).  
 4.This product is made to order.

Item <b>ESLON HT joint Reducing socket (Socket(A type)+Reducing socket(A- I type))</b>	Drawing No. <b>HT-12</b>
Drafting <b>SEKISUI CHEMICAL CO.,LTD.</b>	Date <b>2025.8.20</b>

Item

**ESLON HT joint  
90° bend (B type)**



Unit : mm

Nominal diameter	R	F	t(min.)	Part No.
★13	40±4.0	42±4.2	2.3	TH9B13N
★16	48±4.8	47±4.7	2.7	TH9B16N
★20	55±5.5	54±5.4	2.7	TH9B20N
★25	78±7.8	62±6.2	3.2	TH9B25N
★30	100±10.0	70±7.0	3.2	TH9B30N
★40	120±12.0	86.5±8.6	3.7	TH9B40N
★50	160±16.0	100±10.0	4.1	TH9B50N
65	200±20.0	110±11.0	4.1	TH9B65
75	245±24.5	112±11.2	4.8	TH9B75
100	300±30.0	142±14.2	5.7	TH9B1H
125	400±40.0	165±16.5	6.8	TH9B1Q
150	500±50.0	195±19.5	8.1	TH9B1F

Note 1.Item with ★mark is made to order.(JIS K 6777)  
2.Nominal diameters 125 and 150 are made to order.

Item **ESLON HT joint  
90° bend (B type)**

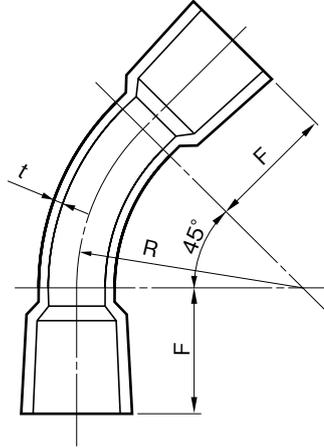
Drawing No.  
**HT-13**

Drafting  
SEKISUI CHEMICAL CO.,LTD.

Date  
**2025.8.20**

Item

**ESLON HT joint  
45° bend (B type)**



Unit : mm

Nominal diameter	R	F	t(min.)	Part No.
★13	40±4.0	42±4.2	2.3	TH4B13N
★16	48±4.8	47±4.7	2.7	TH4B16N
★20	55±5.5	54±5.4	2.7	TH4B20N
★25	78±7.8	62±6.2	3.2	TH4B25N
★30	100±10.0	70±7.0	3.2	TH4B30N
★40	120±12.0	86.5±8.6	3.7	TH4B40N
★50	160±16.0	100±10.0	4.1	TH4B50N
65	200±20.0	110±11.0	4.1	TH4B65
75	245±24.5	112±11.2	4.8	TH4B75
100	300±30.0	142±14.2	5.7	TH4B1H
125	400±40.0	165±16.5	6.8	TH4B1Q
150	500±50.0	195±19.5	8.1	TH4B1F

Note 1.Item with ★mark is made to order.(JIS K 6777)  
2.Nominal diameters 125 and 150 are made to order.

Item  
**ESLON HT joint  
45° bend (B type)**

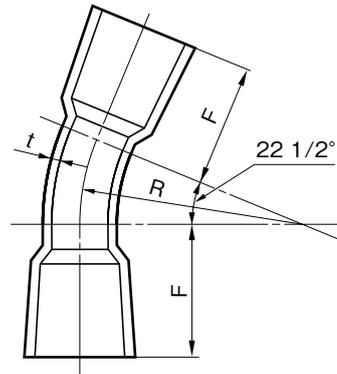
Drawing No.  
**HT-14**

Drafting  
SEKISUI CHEMICAL CO.,LTD.

Date  
**2025.8.20**

Item

ESLON HT joint  
22 1/2° bend (B type)



Unit : mm

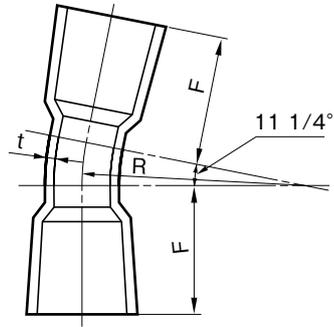
Nominal diameter	R	F	t(min.)	Part No.
★13	40±4.0	42±4.2	2.3	TH2B13N
★16	48±4.8	47±4.7	2.7	TH2B16N
★20	55±5.5	54±5.4	2.7	TH2B20N
★25	78±7.8	62±6.2	3.2	TH2B25N
★30	100±10.0	70±7.0	3.2	TH2B30N
★40	120±12.0	86.5±8.6	3.7	TH2B40N
★50	160±16.0	100±10.0	4.1	TH2B50N
65	200±20.0	110±11.0	4.1	TH2B65
75	245±24.5	112±11.2	4.8	TH2B75
100	300±30.0	142±14.2	5.7	TH2B1H
125	400±40.0	165±16.5	6.8	TH2B1Q
150	500±50.0	195±19.5	8.1	TH2B1F

Note 1.Item with ★mark is made to order.(JIS K 6777)  
2.Nominal diameters 125 and 150 are made to order.

Item	ESLON HT joint 22 1/2° bend (B type)	Drawing No.	HT-15
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20

Item

ESLON HT joint  
11 1/4° bend (B type)



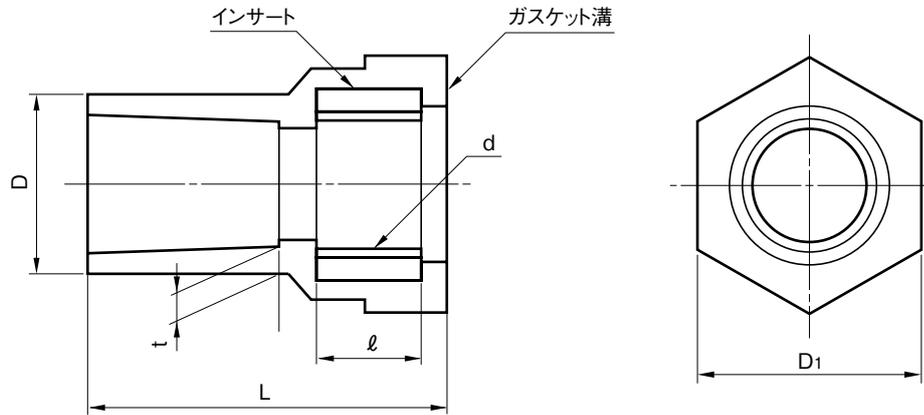
Unit : mm

Nominal diameter	R	F	t(min.)	Part No.
★13	40±4.0	42±4.2	2.3	TH1B13N
★16	48±4.8	47±4.7	2.7	TH1B16N
★20	55±5.5	54±5.4	2.7	TH1B20N
★25	78±7.8	62±6.2	3.2	TH1B25N
★30	100±10.0	70±7.0	3.2	TH1B30N
★40	120±12.0	86.5±8.6	3.7	TH1B40N
★50	160±16.0	100±10.0	4.1	TH1B50N
65	200±20.0	110±11.0	4.1	TH1B65
75	245±24.5	112±11.2	4.8	TH1B75
100	300±30.0	142±14.2	5.7	TH1B1H
125	400±40.0	165±16.5	6.8	TH1B1Q
150	500±50.0	195±19.5	8.1	TH1B1F

Note 1.Item with ★mark is made to order.(JIS K 6777)  
2.Nominal diameters 125 and 150 are made to order.

Item	ESLON HT joint 11 1/4° bend (B type)	Drawing No.	HT-16
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20

Item

**ESLON HT joint  
Faucet socket (A type)**


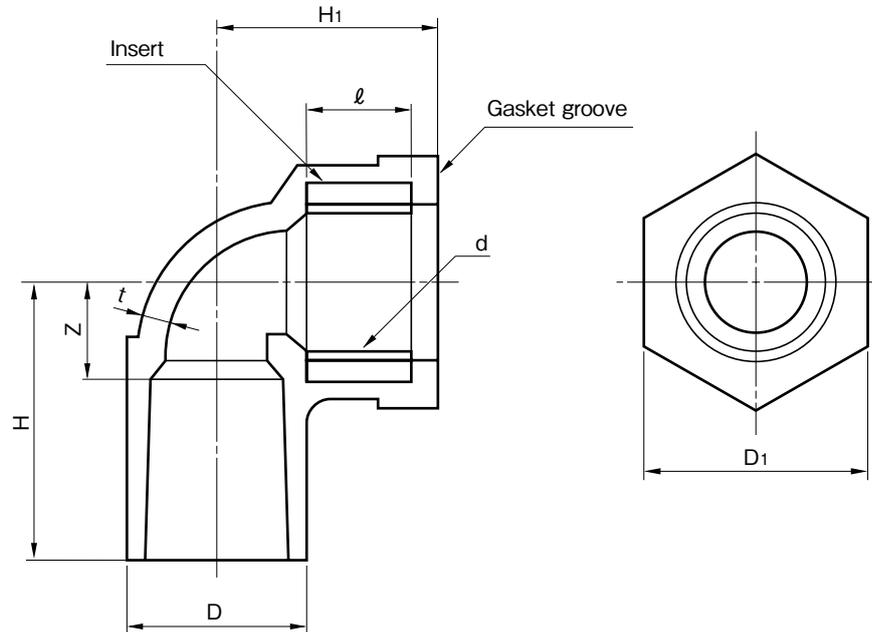
Unit : mm

Nominal diameter	D (min.)	Threaded section		$\ell$	D <sub>1</sub>	L	t (min.)	Thread Nominal	Part No.
		Root diameter d	Number of screw threads (per 25.4 mm)						
★13	26	20.955	14	13.5	35	47	3.5	RP 1/2	TIWS13M
★16×13	29	20.955	14	13.5	35	52	3.5	RP 1/2	TIWS16M
20×13	34	20.955	14	13.5	35	59	4.0	RP 1/2	TIWS22M
★20	34	26.441	14	15.5	44	61	4.0	RP 3/4	TIWS20M
★25	41	33.249	11	18.0	54	69	4.0	RP1	TIWS25M

- Note 1. The material of the insert in the threaded section is JIS H 5121 CAC406C.  
 2. The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.  
 3. The tolerance for  $\ell$  is  $\pm 1$  mm.  
 4. The tolerance for L is  $\pm 4$  mm.  
 5. Item with ★mark is made to order. (JIS K 6777)

Item	<b>ESLON HT joint Faucet socket (A type)</b>	Drawing No.	<b>HT-17</b>
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	<b>2025.8.20</b>

Item

**ESLON HT joint  
Faucet elbow(A type)**


Unit : mm

Nominal diameter	D (min.)	t (min.)	H	Threaded section		$l$	D <sub>1</sub>	H <sub>1</sub>	Z	Thread Nominal	Part No.
				Root diameter d	Number of screw threads (per 25.4 mm)						
★13	26	3.5	35	20.955	14	13.5	35	29	13	RP 1/2	TIWL13M
★16×13	29	3.5	42	20.955	14	13.5	35	33	15	RP 1/2	TIWL16M
20×13	34	4.0	50	20.955	14	13.5	35	34	17	RP 1/2	TIWL22M
★20	34	4.0	51	26.441	14	15.5	44	36	18	RP 3/4	TIWL20M
★25	41	4.0	60	33.249	11	18.0	54	40	22	RP1	TIWL25M

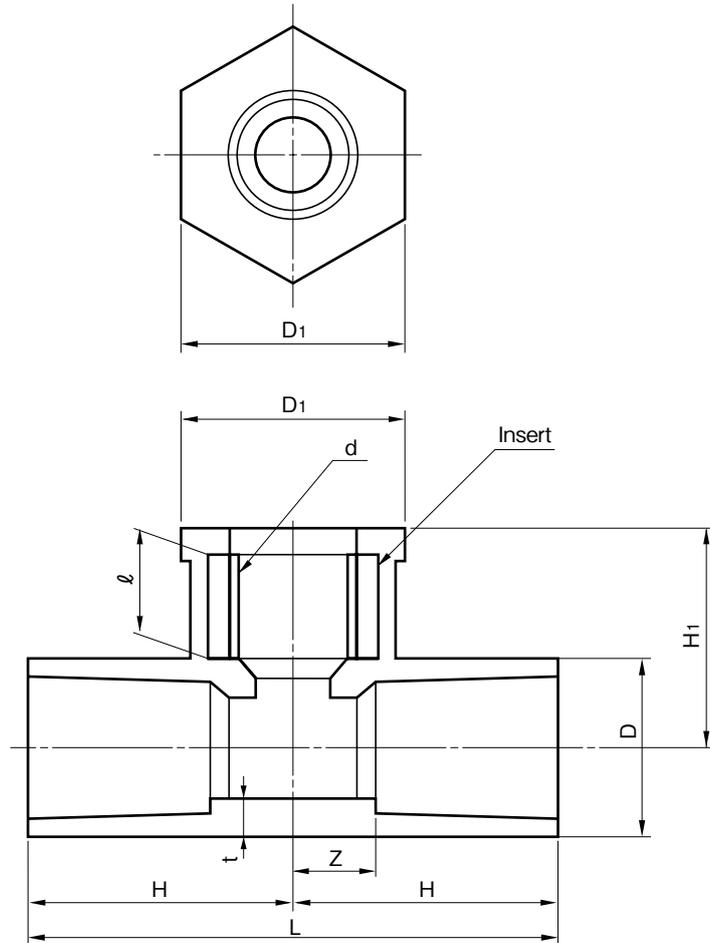
- Note 1.The material of the insert in the threaded section is JIS H 5121 CAC406C.  
 2.The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.  
 3.The tolerance for H and H<sub>1</sub> is  $\pm 4$  mm.  
 4.The tolerance for  $l$  is  $\pm 1$  mm.  
 5.Item with ★mark is made to order.(JIS K 6777)

Item	<b>ESLON HT joint Faucet elbow(A type)</b>	Drawing No.	<b>HT-18</b>
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20

Item

**ESLON HT joint  
Faucet tee (A type)**

(Non-JIS standard item)



Unit : mm

Nominal diameter	D (min.)	t (min.)	L	H	Threaded section		D <sub>1</sub>	H <sub>1</sub>	ℓ	Z	Thread Nominal	Part No.
					Root diameter d	Number of screw threads (per 25.4 mm)						
13	26	3.5	64	32	20.955	14	35	29	13.5	12	RP 1/2	TIWT13M

Note 1. The material of the insert in the threaded section is JIS H 5121 CAC406C.

2. The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.

3. The tolerance for H and H<sub>1</sub> is ±4 mm.

Item

**ESLON HT joint  
Faucet tee (A type)**

Drawing No.

**HT-19**

Drafting

SEKISUI CHEMICAL CO.,LTD.

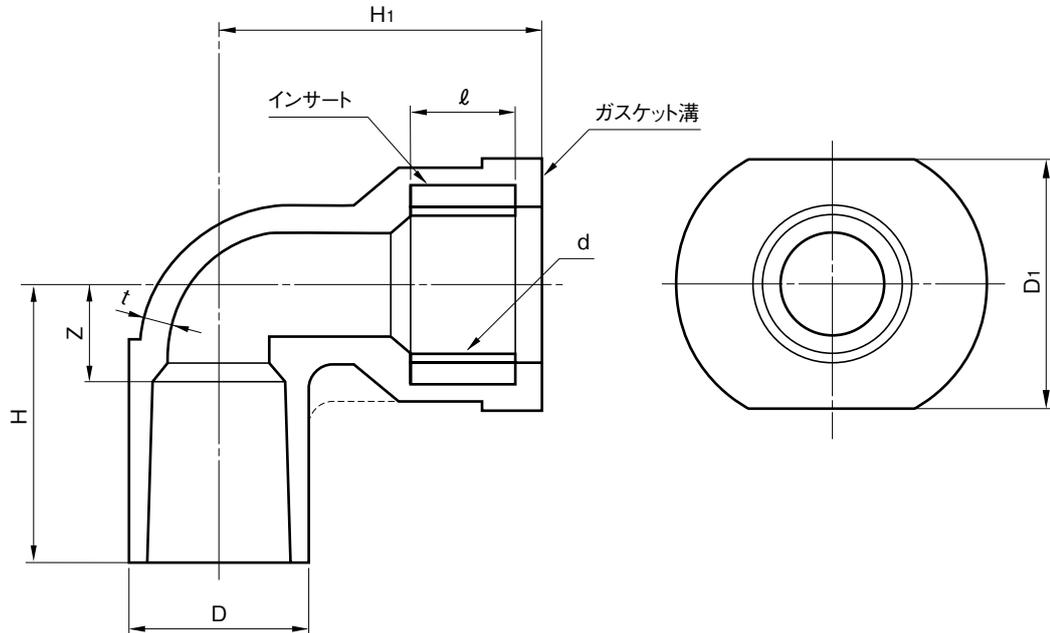
Date

2025.8.20

Item

ESLON HT joint  
Extended faucet elbow(A type)

(Non-JIS standard item)



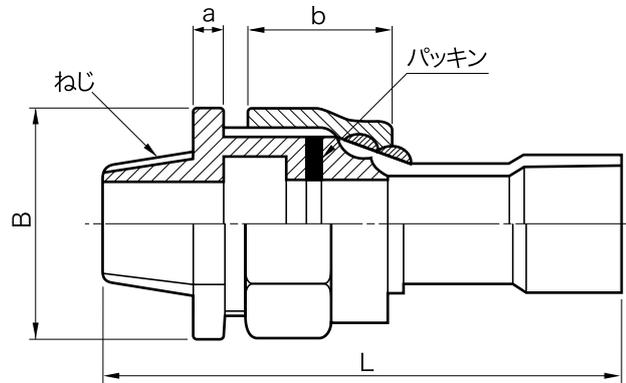
Unit : mm

Nominal diameter	D(min)	t(min)	H	Threaded section		$l$	D1	H1	Z	Thread Nominal	Part No.
				Root diameter d	Number of screw threads (per 25.4 mm)						
13	26	3.5	38	20.955	14	13.5	35	47	18	RP 1/2	TIL13LM

- Note 1.The material of the insert in the threaded section is JIS H 5121 CAC406C.  
 2.The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.  
 3.The tolerance for H and H<sub>1</sub> is  $\pm 4$  mm.  
 4.The tolerance for  $l$  is  $\pm 1$  mm.  
 5.Rib shape shown with dotted lines.

Item	ESLON HT joint Extended faucet elbow(A type)	Drawing No.	HT-20
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20

Item

**ESLON HT joint  
Male Threaded Union for Steel Pipe**


Unit : mm

Nominal diameter	L±5	Width Across Flats		a±0.7	b±1.5	Thread Nominal
		Hexagonal	Octagonal			
13	92	31	—	4	22	R $\frac{1}{2}$
16	104	36	—	4	26	R $\frac{1}{2}$
20	113	42	—	5	28	R $\frac{3}{4}$
25	131	50	—	5	34	R 1
30	143	—	59	5	38	R1 $\frac{1}{4}$
40	167	—	73	6	41	R1 $\frac{1}{2}$
50	189	—	90	7	46	R 2

Note 1.The material of the insert in the threaded section is JIS H5120 CAC406C or JIS H 3250 free-cutting brass.  
2.The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.

Item

**ESLON HT joint  
Male Threaded Union for Steel Pipe**

Drawing No.

**HT-21**

Drafting

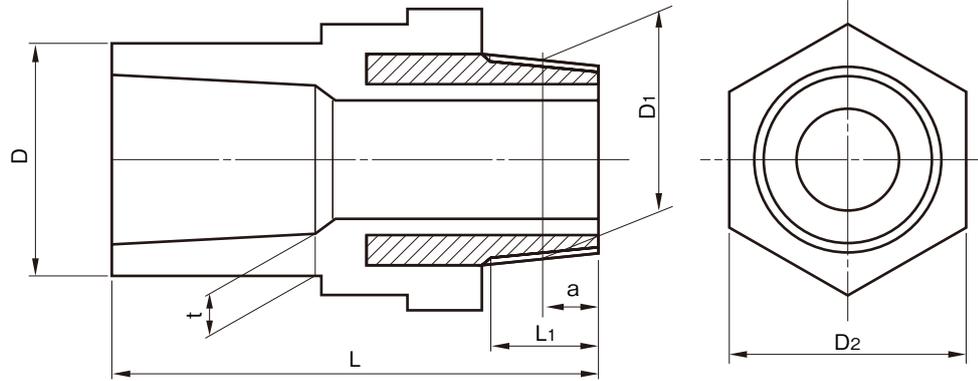
**SEKISUI CHEMICAL CO.,LTD.**

Date

**2025.8.20**

Item

**ESLON HT joint  
Metal Male Threaded Valve Socket (A type)**



Unit : mm

Nominal diameter	D (min.)	Threaded section					L	D <sub>2</sub> (min.)	t (min.)	Thread Nominal	Part No.
		Standard outer dia. D <sub>1</sub>	Number of screw threads (per 25.4 mm)	Standard dia. position a	Tolerance for a	Effective thread length L <sub>1</sub> (min.)					
★13×1/2	26	20.955	14	8.20	±1.80	13.16	64	34	3.5	R 1/2	TIVS13M
★16×1/2	29	20.955	14	8.20	±1.80	13.16	70	34	3.5	R 1/2	TIVS16M
★20×3/4	34	26.441	14	9.50	±1.80	14.53	85	40	4.0	R 3/4	TIVS20M
★25×1	41	33.249	11	10.40	±2.30	16.79	99	45	4.0	R1	TIVS25M
★30×1 1/4	46	41.910	11	12.70	±2.31	19.10	109	62	4.5	R1 1/4	TIVS30M
★40×1 1/2	56	47.803	11	12.70	±2.31	19.10	114	68	4.5	R1 1/2	TIVS40M
★50×2	69	59.614	11	15.88	±2.31	23.38	132	84	5.0	R2	TIVS50M

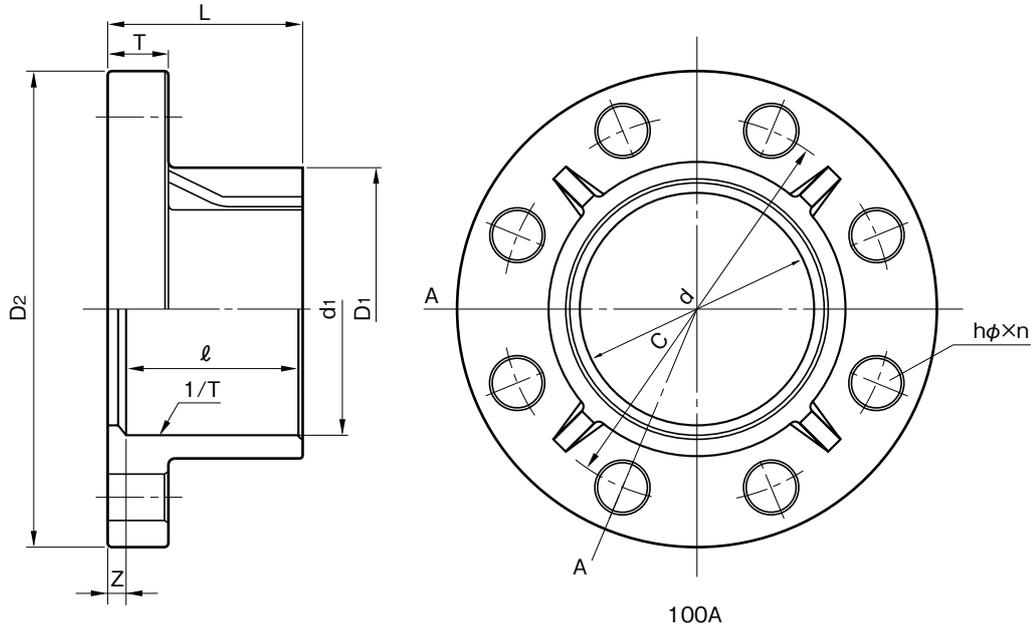
- Note 1.The material of the insert in the threaded section is JIS H 3250 free-cutting brass.  
 2.The threaded section of JIS B 0203 (pipe taper thread) is the parallel female thread.  
 3.The tolerance for L is ±4 mm.  
 4.Item with ★mark is made to order.(JIS K 6777)

Item	<b>ESLON HT joint Metal Male Threaded Valve Socket (A type)</b>	Drawing No.	<b>HT-24</b>
Drafting	<b>SEKISUI CHEMICAL CO.,LTD.</b>	Date	<b>2025.8.20</b>

Item

ESLON HT joint  
TS Flange (JIS 10K type)

(Non-JIS standard item)



Unit : mm

Nominal diameter A(B)	d <sub>1</sub>	ℓ	1/T	D (min.)	D <sub>1</sub>	D <sub>2</sub>	L	T	Z	C	hφ×n	Number of Ribs	Part No.
13(3/8)	18.40	26 <sup>+4</sup> <sub>-0.5</sub>	1/30	14	26 <sup>-2.6</sup>	90±1.5	31±4	14 <sup>+1.5</sup> <sub>-0</sub>	5	65±1.0	15×4	—	TSFHT13
15(1/2)	22.40	30 <sup>+4</sup> <sub>-0.5</sub>	1/34	17	31 <sup>-2.7</sup>	95±1.5	35±4	14 <sup>+1.5</sup> <sub>-0</sub>	5	70±1.0	15×4	—	TSFHT15
20(3/4)	26.45	35 <sup>+4</sup> <sub>-0.5</sub>	1/34	21	35 <sup>-2.8</sup>	100±1.5	40±4	14 <sup>+1.5</sup> <sub>-0</sub>	5	75±1.0	15×4	—	TSFHT20
25(1)	32.55	40 <sup>+4</sup> <sub>-0.5</sub>	1/34	25	42 <sup>-3.8</sup>	125±1.5	45±4	14 <sup>+2.0</sup> <sub>-0</sub>	5	90±1.0	19×4	4	TSFHT25
30(1 1/4)	38.60	44 <sup>+4</sup> <sub>-0.5</sub>	1/34	31	48 <sup>-3.0</sup>	135±1.5	50±4	16 <sup>+2.0</sup> <sub>-0</sub>	6	100±1.0	19×4	4	TSFHT30
40(1 1/2)	48.70	55 <sup>+4</sup> <sub>-0.5</sub>	1/37	41	61 <sup>-5.2</sup>	140±1.5	61±4	16 <sup>+2.0</sup> <sub>-0</sub>	6	105±1.0	19×4	4	TSFHT40
50(2)	60.80	63 <sup>+4</sup> <sub>-0.5</sub>	1/37	52	73 <sup>-4.5</sup>	155±1.5	70±4	20 <sup>+2.0</sup> <sub>-0</sub>	7	120±1.0	19×4	4	TSFHT50
65(2 1/2)	76.60	61 <sup>+4</sup> <sub>-0.5</sub>	1/48	67	88 <sup>-2.5</sup>	175±1.5	70±4	22 <sup>+3.0</sup> <sub>-0</sub>	9	140±1.0	19×4	4	TSFHT65
80(3)	89.60	64 <sup>+4</sup> <sub>-0.5</sub>	1/49	78	102 <sup>-1.5</sup>	185±1.5	72±4	22 <sup>+3.0</sup> <sub>-0</sub>	8	150±1.0	19×8	4	TSFHT80
100(4)	114.70	84 <sup>+4</sup> <sub>-0.5</sub>	1/56	100	132 <sup>-3.8</sup>	210±2.0	90±4	22 <sup>+3.0</sup> <sub>-0</sub>	8	175±1.5	19×8	4	TSFHT1H
125(5)	140.85	104 <sup>+4</sup> <sub>-0.5</sub>	1/58	125	158 <sup>-3.2</sup>	250±2.0	114±4	24 <sup>+4.0</sup> <sub>-0</sub>	10	210±1.5	23×8	8	TSFHT1Q
150(6)	166.00	132 <sup>+4</sup> <sub>-0.5</sub>	1/63	146	186 <sup>-2.0</sup>	280±2.0	142±4	26 <sup>+4.0</sup> <sub>-0</sub>	10	240±1.5	23×8	8	TSFHT1F

Note 1. The tolerance for L is ±4 mm.

2. TS socket dimensions comply with JIS K 6743 (Fittings for rigid PVC pipes for water supply).

3. Flange dimensions conform to JIS B 2238 (General rules for steel pipe flanges).

Item

ESLON HT joint  
TS Flange (JIS 10K type)

Drawing No.

HT-25

Drafting

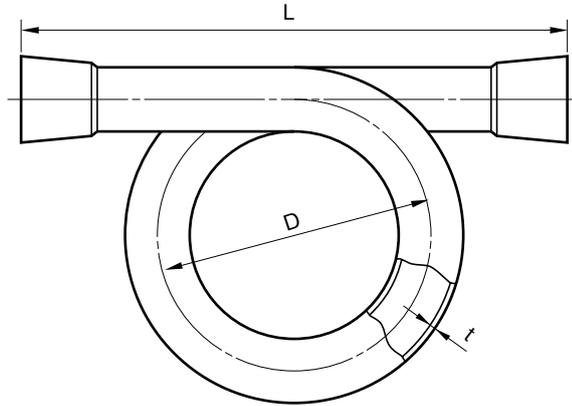
SEKISUI CHEMICAL CO.,LTD.

Date

2025.8.20

Item

**ESLON HT joint  
Loop-Type Expansion Joint (Type B)**



Unit : mm

Nominal diameter	D	L(min.)	t(min.)	Part No.
★13	158±15.8	212	2.3	THEX13N
★16	187±18.7	256	2.7	THEX16N
★20	217±21.7	305	2.7	THEX20N
★25	248±24.8	358	3.2	THEX25N
★30	280±28.0	406	3.2	THEX30N
★40	316±31.6	537	3.7	THEX40N
★50	378±37.8	638	4.1	THEX50N

Note 1.Item with ★mark is made to order.(JIS K 6777)  
2.The joint end is Type B.

Item

**ESLON HT joint  
Loop-Type Expansion Joint (Type B)**

Drawing No.

**HT-26**

Drafting

SEKISUI CHEMICAL CO.,LTD.

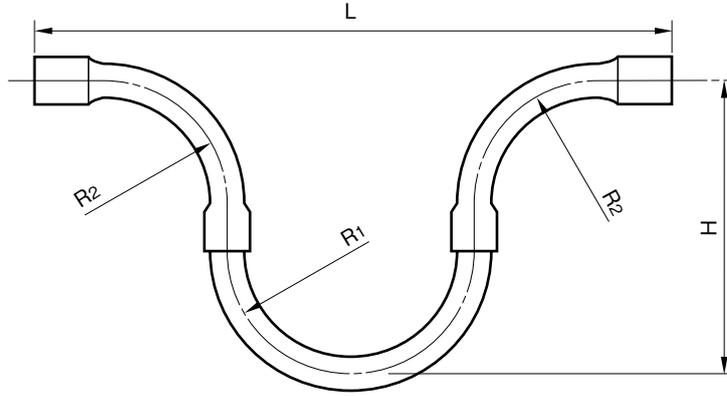
Date

2025.8.20

Item

**ESLON HT joint  
U-Shaped Expansion Joint**

(Non-JIS standard item)



Unit : mm

Nominal diameter	H	L (min.)	R <sub>1</sub>	R <sub>2</sub>	Part No.
65	670	1260	300±10.0	200±10.0	THEX65
75	795	1490	350±10.0	245±10.0	THEX75
100	930	1740	400±10.0	300±10.0	THEX1H

Note 1. The tolerance for H is ±30 mm.  
2. The joint end is Type B.

Item **ESLON HT joint  
U-Shaped Expansion Joint**

Drawing No.  
**HT-27**

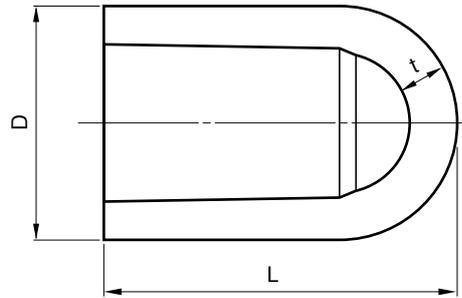
Drafting  
SEKISUI CHEMICAL CO.,LTD.

Date  
**2025.8.20**

Item

ESLON HT joint  
Cap(A type)

(Non-JIS standard item)



Unit : mm

Nominal diameter	D(min.)	L	t(min.)	Part No.
★13	26	32.5	3.5	THC13
★16	29	39.5	3.5	THC16
★20	34	52	4.0	THC20
★25	41	60	4.0	THC25
★30	46	63.5	4.5	THC30
★40	56	73.5	4.5	THC40
★50	69	85	5.0	THC50

Note 1.The tolerance for L is  $\pm 4$ mm.  
2.Item with ★mark is made to order.(JIS K 6777)

Item

ESLON HT joint  
Cap(A type)

Drawing No.

HT-28

Drafting

SEKISUI CHEMICAL CO.,LTD.

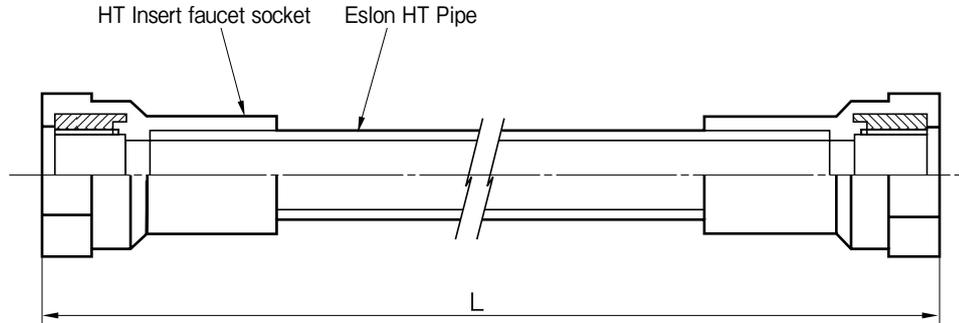
Date

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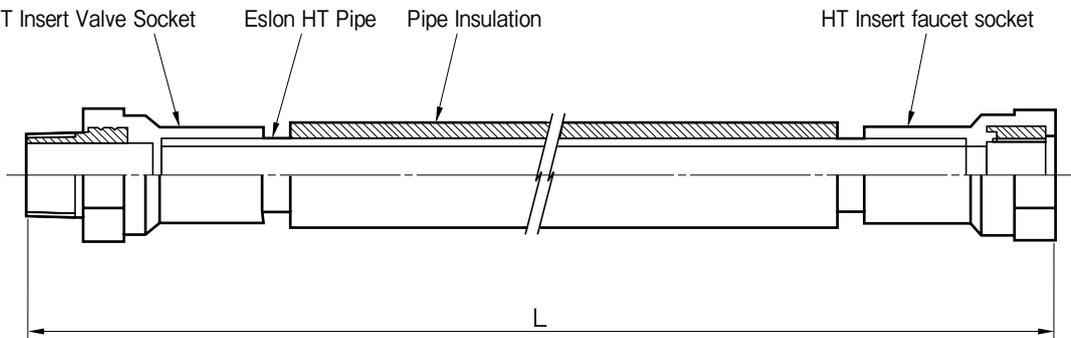
Item

**Electric Water Heater Insulation Pipe**

**[Machining Example 1]**



**[Machining Example 2]**



Unit : mm

Nominal diameter	L
16	500~1100
20	

Note 1.This product is made to order.  
2.As this is a custom product, please consult us separately regarding specifications.

Item	<b>Electric Water Heater Insulation Pipe</b>	Drawing No.	<b>HT-29</b>
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20