

TS FITTINGS

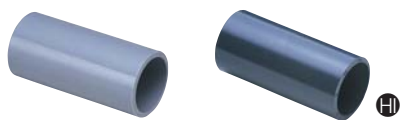
● TS FITTING(JIS K6743) (PVC:13 to 150mm,HI-PVC:13 to150mm)



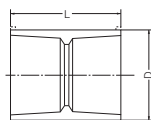
SPECIFICATIONS

Elbow	(L)	13 - 150mm
Tee	(T)	13 - 150×125mm
Water Feeding Elbow	(FL)	13 - 25mm
Metal-containing Water Feeding Elbow		13 - 25mm
Water Feeding Socket	(FS)	13 - 25mm
Metal-containing Water Feeding Socket		13 - 25mm
Water Feeding Tee	(FT)	13 - 25×20mm
Metal-containing Water Feeding Tee		13 - 25×20mm
Valve Socket	(VS)	13 - 150mm
Union Socket	(US)	13 - 50mm
Socket	(S)	13 - 150×125mm
Cap	(C)	13 - 150mm

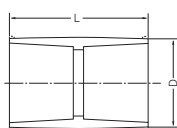
● Socket



Nominal Size 13mm~50mm



Nominal Size 65mm~150mm

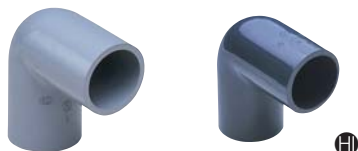


Nominal Size	D	L ±4.0	HI
13	24.0	57	●
16	29.0	67	●
20	33.0	77	●
25	40.0	87	●
30	46.0	95	●
40	57.0	117	●
50	70.0	133	●
※65	87.0	145	●
75	102.0	155	●
100	130.0	200	●
※125	157.0	240	●
150	186.0	300	●

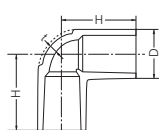
※AS-Standard

(Unit:mm)

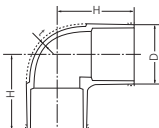
● Elbow



Nominal Size 13mm~50mm



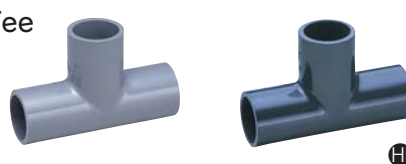
Nominal Size 65mm~150mm



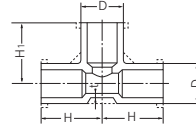
Nominal Size	D	t	H ^{+5.0 -1.0}	HI
13	24.0	3.0	36	●
16	29.0	3.5	43	●
20	33.0	3.5	50	●
25	40.0	4.0	58	●
30	46.0	4.0	65	●
40	57.0	4.5	82	●
50	70.0	5.0	96	●
※65	87.0	6.6	110	●
※75	102.0	8.0	120	●
※100	130.0	10.0	153	●
※125	157.0	11.0	188	●
※150	186.0	13.0	230	●

(Unit:mm)

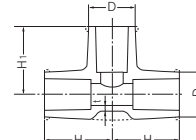
● Tee



Nominal Size 13mm~50mm



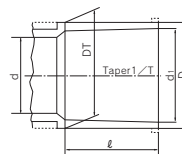
Nominal Size 65mm~150mm



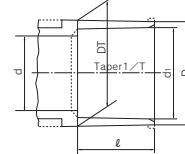
Nominal Size	D	t	H ^{+5.0 -1.0}	H ₁	HI
13	24.0	3.0	36	36	●
16	29.0	3.5	43	43	●
20	33.0	3.5	50	50	●
25	40.0	4.0	58	58	●
30	46.0	4.0	65	65	●
40	57.0	4.5	82	82	●
50	70.0	5.0	96	96	●
※65	87.0	6.6	110	110	●
75	102.0	8.0	120	120	●
100	130.0	10.0	152	152	●
※125	157.0	11.0	187	187	●
150	186.0	13.0	230	230	●

(Unit:mm)

Nominal Size 13mm~50mm



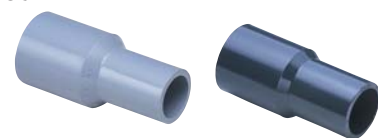
Nominal Size 65mm~150mm



(Unit:mm)									
Nominal Size	d ₁	d ₁ (Tolerance)	ℓ ^{+4.0 -0.5}	1/T	D	DT	D,DT(Tolerance)	d(Min)	P,PeOD
※10	15.40	±0.20	22.0	1/25	21.0	21.0	-0.5	10	15
13	18.40	±0.20	26.0	1/30	24.0	24.0	-0.6	13	18
16	22.40	±0.20	30.0	1/34	29.0	29.0	-0.7	16	22
20	26.45	±0.20	35.0	1/34	33.0	33.0	-0.8	20	26
25	32.55	±0.25	40.0	1/34	40.0	40.0	-1.0	25	32
30	38.60	±0.25	44.0	1/34	46.0	46.0	-1.0	31	38
40	48.70	±0.30	55.0	1/37	57.0	57.0	-1.2	40	48
50	60.80	±0.30	63.0	1/37	70.0	70.0	-1.5	51	60
※65	76.60	±0.30	61.0	1/48	87.0	88.5	-1.5	67	76
75	89.60	±0.30	64.0	1/49	102.0	104.5	-1.5	77	89
100	114.70	±0.30	84.0	1/56	130.0	133.5	-1.8	100	114
※125	140.80	±0.30	104.0	1/58	157.0	161.0	-1.8	125	140
150	166.00	±0.40	132.0	1/63	186.0	190.0	-2.0	146	165

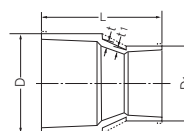
※AS-Standard

● Reducing Socket

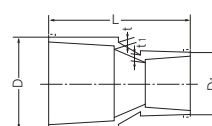


(Unit:mm)

Nominal Size 13mm~50mm



Nominal Size 65mm~150mm

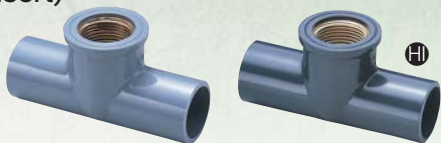


Nominal Size	D	t	D ₁	t ₁	L ±4.0	HI
16×13	29.0	3.5	24.0	3.0	61	●
20×13	33.0	3.5	24.0	3.0	68	●
20×16	33.0	3.5	29.0	3.5	71	●
25×13	40.0	4.0	24.0	3.0	86	●
25×16	40.0	4.0	29.0	3.5	85	●
25×20	40.0	4.0	33.0	3.5	84	●
30×20	46.0	4.0	33.0	3.5	93	●
30×25	46.0	4.0	40.0	4.0	93	●
※40×20	57.0	4.5	33.0	3.5	113	●
40×25	57.0	4.5	40.0	4.0	114	●
40×30	57.0	4.5	46.0	4.0	114	●
※50×20	70.0	5.0	33.0	3.5	116	●
※50×25	70.0	5.0	40.0	4.0	140	●
50×30	70.0	5.0	46.0	4.0	136	●
50×40	70.0	5.0	57.0	4.5	136	●
※65×40	87.0	6.6	57.0	4.5	145	●
※65×50	87.0	6.6	70.0	5.0	149	●
※75×40	102.0	8.0	57.0	5.0	153	●
75×50	102.0	8.0	70.0	5.0	165	●
※75×65	102.0	8.0	87.0	6.6	159	●
100×75	130.0	10.0	102.0	8.0	190	●
※125×100	157.0	11.0	130.0	10.0	229	●
150×100	186.0	13.0	130.0	10.0	295	●
※150×125	186.0	13.0	157.0	11.0	272	●

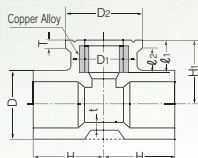
※AS-Standard

TS FITTINGS

● Faucet Tee (with Metal Insert)



(Unit:mm)

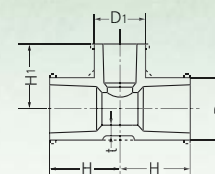


Nominal Size	D	t	D ₁	D ₂	ℓ ₁ ^{+5.0 -1.0}	ℓ ₂ ^{+5.0 -1.0}	T	H ₁ ^{+5.0 -1.0}	H ₂ ^{+5.0 -1.0}	Female THD Size	HI
20	33.0	3.5	37	42	19	16	4	51	36	Rp3/4	●
25	40.0	4.0	46	52	21	18	5	59	42	Rp1	●
20×13	33.0	3.5	30	34	17	14	4	47	34	Rp1/2	●
25×13	40.0	4.0	30	34	17	14	4	52	38	Rp1/2	●
25×20	40.0	4.0	37	42	19	16	4	56	40	Rp3/4	●

● Reducing Tee



Nomal Size 13mm~50mm



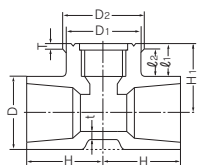
(Unit:mm)

Nominal Size	D	t	H	D ₁	H ₁	HI
16×13	29.0	3.5	41	24.0	38	●
20×13	33.0	3.5	46	24.0	40	●
20×16	33.0	3.5	48	29.0	45	●
25×13	40.0	4.0	51	24.0	43	●
25×16	40.0	4.0	53	29.0	48	●
25×20	40.0	4.0	55	33.0	53	●
30×13	46.0	4.0	55	24.0	46	●
30×16	46.0	4.0	57	29.0	51	●
30×20	46.0	4.0	59	33.0	56	●
30×25	46.0	4.0	62	40.0	61	●
40×13	57.0	4.5	66	24.0	52	●
40×16	57.0	4.5	68	29.0	57	●
40×20	57.0	4.5	70	33.0	62	●
40×25	57.0	4.5	73	40.0	67	●
40×30	57.0	4.5	76	46.0	71	●
50×13	70.0	5.0	74	24.0	58	●
50×16	70.0	5.0	76	29.0	63	●
50×20	70.0	5.0	78	33.0	68	●
50×25	70.0	5.0	81	40.0	73	●
50×30	70.0	5.0	84	46.0	77	●
50×40	70.0	5.0	90	57.0	88	●

● Faucet Tee



(Unit:mm)

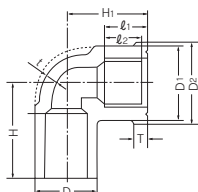


Nominal Size	D	t	D ₁	D ₂	ℓ ₁ ^{+5.0 -1.0}	ℓ ₂ ^{+5.0 -1.0}	T	H ₁ ^{+5.0 -1.0}	H ₂ ^{+5.0 -1.0}	Female THD Size	HI
□ 13	24.0	3.0	30	34	17	14	4	38	29	Rp1/2	●
□ 20	33.0	3.5	37	42	19	16	4	51	36	Rp3/4	●
□ 25	40.0	4.0	46	52	21	18	5	59	42	Rp1	●
□ 16×13	29.0	3.5	30	34	17	14	4	43	32	Rp1/2	●
□ 20×13	33.0	3.5	30	34	17	14	4	47	34	Rp1/2	●
□ 25×13	40.0	4.0	30	34	17	14	4	52	38	Rp1/2	●
□ 25×20	40.0	4.0	37	42	19	16	4	56	40	Rp3/4	●

● Faucet Elbow



(Unit:mm)

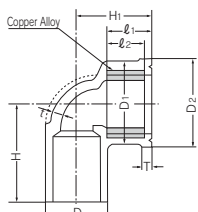


Nominal Size	D	t	D ₁	D ₂	ℓ ₁ ^{+5.0 -1.0}	ℓ ₂ ^{+5.0 -1.0}	T	H ₁ ^{+5.0 -1.0}	H ₂ ^{+5.0 -1.0}	Female THD Size	HI
□ 13	24.0	3.0	30	34	17	14	4	38	29	Rp1/2	●
□ 16	29.0	3.5	30	34	17	14	4	43	32	Rp1/2	●
□ 20	33.0	3.5	37	42	19	16	4	51	36	Rp3/4	●
□ 25	40.0	4.0	46	52	21	18	5	59	40	Rp1	●

● Faucet Elbow (with Metal Insert)



(Unit:mm)

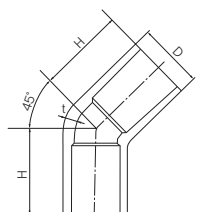


Nominal Size	D	t	D ₁	D ₂	ℓ ₁ ^{+5.0 -1.0}	ℓ ₂ ^{+5.0 -1.0}	T	H ₁ ^{+5.0 -1.0}	H ₂ ^{+5.0 -1.0}	Female THD Size	HI
13	24.0	3.0	30	34	17	14	4	38	29	Rp1/2	●
16×13	29.0	3.0	30	34	17	14	4	43	32	Rp1/2	●
20	33.0	3.5	37	42	19	16	4	51	36	Rp3/4	●
25	40.0	4.0	46	52	21	18	5	59	40	Rp1	●
20×13	33.0	3.5	30	34	17	14	4	47	33	Rp1/2	●

● 45 Elbow



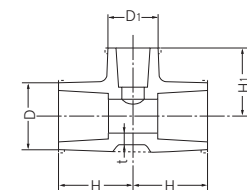
(Unit:mm)



Nominal Size	D	t	H ₁ ^{+5.0 -1.0}	HI
20	33.0	3.5	44	●
25	40.0	4.0	51	●



Nomal Size 65mm~150mm



(Unit:mm)

Nominal Size	D	t	H ₁ ^{+5.0 -1.0}	D ₁	H ₁ ^{+5.0 -1.0}	HI
※65× 40	87.0	6.6	100	57.0	95	●
※65× 50	87.0	6.6	101	70.0	104	●
75× 25	102.0	8.0	93	40.0	88	●
75× 40	102.0	8.0	100	57.0	102	●
75× 50	102.0	8.0	105	70.0	110	●
※75× 65	102.0	8.0	113	87.0	117	●
100× 50	130.0	10.0	125	75.0	122	●
100× 75	130.0	10.0	140	102.0	132	●
※125× 75	157.0	11.0	160	102.0	147	●
※125× 100	157.0	11.0	173	130.0	167	●
150× 75	186.0	13.0	195	102.0	158	●
150× 100	186.0	13.0	208	130.0	182	●
※150× 125	186.0	13.0	217	157.0	201	●

※AS-Standard

● Faucet Socket



(Unit: mm)

Nominal Size	D	D ₁	D ₂	ℓ ₁	ℓ ₂ ±1.0	T	L	^{+5.0} _{-1.0}	Female THD Size	HI
□13	24.0	30	34	17	14	4	47		Rp1/2	●
□16	29.0	30	34	17	14	4	52		Rp1/2	●
□20	33.0	37	42	19	16	4	59		Rp3/4	●
□25	40.0	46	52	21	18	5	68		Rp1	●

□ASAHI AV Standard

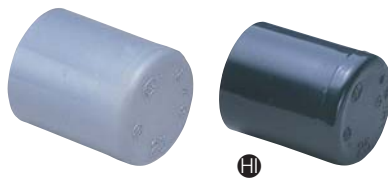
● Faucet Socket (with Metal Insert)



(Unit: mm)

Nominal Size	D	D ₁	D ₂	ℓ ₁	ℓ ₂ ±1.0	T	L	^{+5.0} _{-1.0}	Female THD Size	HI
13	24.0	30	34	17	14	4	47		Rp1/2	●
16×13	29.0	30	34	17	14	4	52		Rp1/2	●
20	33.0	37	42	19	16	4	59		Rp3/4	●
25	40.0	46	52	21	18	5	68		Rp1	●
20×13	33.0	30	36	17	14	4	57		Rp1/2	●

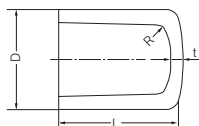
● Cap



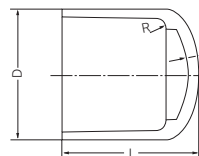
(Unit: mm)

Nominal Size	D	t	L	^{+5.0} _{-1.0}	HI
13	24.0	3.0	29.0		●
16	29.0	3.5	33.5		●
20	33.0	3.5	38.5		●
25	40.0	4.0	44.0		●
30	46.0	4.0	48.0		●
40	57.0	4.5	59.5		●
50	70.0	5.0	68.0		●
※65	87.0	6.6	96.0		●
75	102.0	8.0	105.0		●
100	130.0	10.0	138.0		●
150	186.0	13.0	205.0		●

Nominal Size 13~50mm



Nominal Size 65~150mm



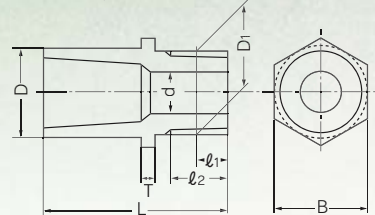
● 90° AV Bend



(単位: mm)

Nominal Size	d ₁	d ₂	ℓ	D	D ₁	d	t	L	R	HI
75	89.80	88.13	72	101	104	78	6	137	65	—
100	115.00	112.89	92	129	132	100	7.3	172	80	—
125	141.20	138.72	112	156	160	125	7.7	237	125	—
150	166.50	163.39	140	185	189	148	9.8	260	120	—

● Valve Socket

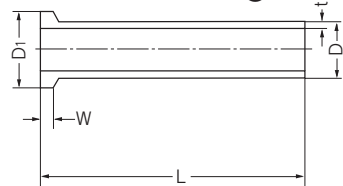
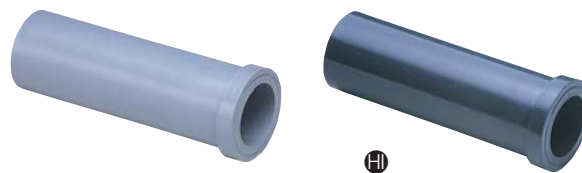


(Unit: mm)

Nominal Size	D	d	Male THD Size	Gauge Dimension D ₁	Number of threads (Per 25.4mm)	Position of gauge diameter ℓ ₁	ℓ ₂ (Min)	T	L	^{+5.0} _{-1.0}	B	HI
※ 10	21.0	10	3/8	16.662	19	6.35	12	6	43	21	—	—
13	24.0	13	1/2	20.955	14	8.16	13.16	6	50	24	●	●
16	29.0	13	1/2	20.955	14	8.20	15	6	54	29	●	●
20	33.0	18	3/4	26.441	14	9.53	14.53	8	64	33	●	●
25	40.0	23	1	33.249	11	10.39	16.79	8	71	40	●	●
30	46.0	31	1 1/4	41.910	11	12.70	19.10	10	80	46	●	●
40	57.0	37	1 1/2	47.803	11	12.70	19.10	10	92	57	●	●
50	70.0	48	2	59.614	11	15.88	23.38	12	106	70	●	●
□ 65	87.0	62	2 1/2	75.184	11	17.46	30	15	118	87	●	●
□ 75	102.0	72	3	87.884	11	20.64	34	16	127	102	●	●
□ 100	130.0	96	4	113.030	11	25.40	40	18	157	130	●	●
□ 125	157.0	119	5	138.430	11	28.58	44	20	186	157	—	—
□ 150	186.0	140	6	163.830	11	28.58	44	25	220	186	—	—

□ASAHI AV Standard

● Union Socket



(Unit: mm)

Nominal Size	D	t	D ₁	W	L	^{+5.0} _{-1.0}	HI
13	18.0	2.5	23.0	5	80		●
16	22.0	3.0	27.5	5	85		●
20	26.0	3.0	29.5	6	90		●
25	32.0	3.5	36.5	7	100		●
30	38.0	3.5	42.0	8	110		●
40	48.0	4.0	53.0	8	120		●
50	60.0	4.5	71.0	9	130		●

● 45° AV Bend



(単位: mm)

Nominal Size	d ₁	d ₂	ℓ	D	D ₁	d	t	Z	L	R	HI
40	48.70	47.21	55	57	60	40	4.5	14	69	20	●
50	60.80	59.10	63	70	73	51	5	17	80	25.5	●
65	76.60	75.33	61	87	90	67	6.6	20	81	34	●
75	89.80	88.13	72	101	104	78	6	25	97	39	●
100	115.00	112.89	92	129	132	100	7.3	30	122	50	●
125	141.20	138.71	112	156	160	125	7.7	37	149	62.5	●
150	166.50	163.39	140	185	189	148	10	44	184	74	●