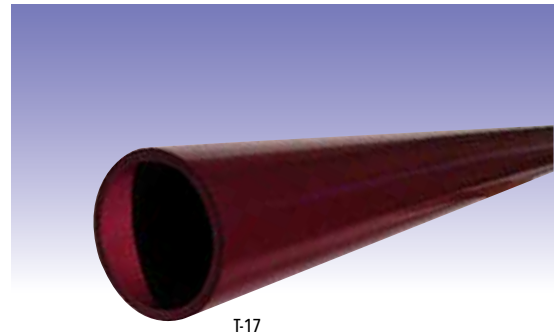


ESLON™ PLANT HT PIPE

T-17 (Acid Resistance)

- PLANT HT Pipe is specialized for plant use, with an optimal composition of modifying agents and additives that make it highly resistant to corrosion and chemicals.
- The balanced T-17 type suppresses chemical penetration when used in salt water lines (for general acid and soda plant pipes).



T-17

Recommended solvent cement

*13-300A
NO.100S



*Above 250A
NO.110

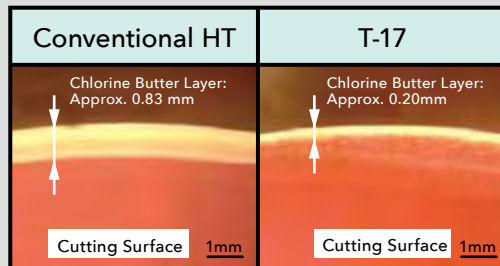


*Refer to page 60 to confirm usability with other solvent cements.

**Use a HT Fitting for connection.
For application method, refer to
Connection Method (TS) on page 8.**

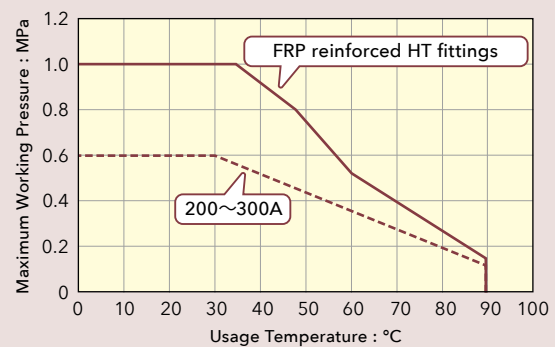
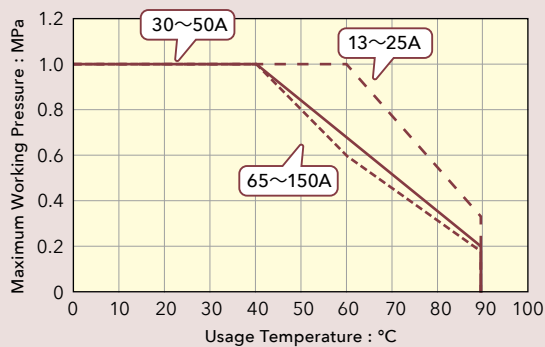
T-17 Salt water test

Compared to conventional HT pipes (in-house product), T-17 pipes reduce chemical corrosion within the pipe, and delay growth of chlorine butter.



<Immersion conditions> Saturated Salt Solution NaCl: 20wt%,
Pressure: 0.2MPa, Immersion Temperature: 85°C,
Immersion Time: 8 Weeks

■ Plant HT Pipe Usage Temperature and Maximum Working Pressure

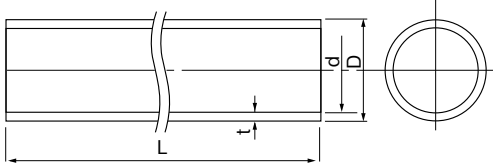


This graph takes into account the Working Pressure of HT fittings.

PLANT HT PIPE AND FITTINGS SPECIFICATIONS

PLANT HT PIPE

Pipe



Unit:mm

Size		φ D	t	φ d	L	Weight (kg/m)	Item No.
A	B						T-17
13	3/8	18±0.10	2.5±0.20	13	4000±10	0.180	★HT134P
16	1/2	22±0.10	3.0±0.30	16		0.265	★HT164P
20	3/4	26±0.10	3.0±0.30	20		0.321	★HT204P
25	1	32±0.10	3.5±0.30	25		0.464	★HT254P
30	1 1/4	38±0.10	3.5±0.30	31		0.561	★HT304P
40	1 1/2	48±0.10	4.0±0.30	40		0.818	★HT404P
50	2	60±0.15	4.5±0.40	51		1.161	★HT504P
65	2 1/2	76±0.20	5.0±0.50	67		1.651	HT654P
75	3	89±0.25	5.8±0.50	77		2.244	HT754P
100	4	114±0.25	7.0±0.60	100		3.483	HT1H4P
125	5	140±0.40	8.2±0.60	125		5.025	HT1Q4P
150	6	165±0.45	9.7±0.70	146		7.004	HT1F4P
200	8	216±0.80	11.0+1.30 -0.70	194		10.485	HT2H4P
250	10	267±1.00	13.6+1.50 -0.90	240		16.023	HT2F4P
300	12	318±1.10	16.2+1.70 -1.10	286		22.732	HT3H4P

Notes : ★ JIS standard

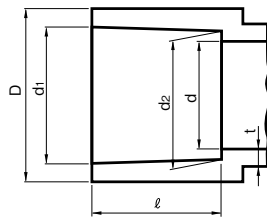
HT Fitting

Socket Dimension

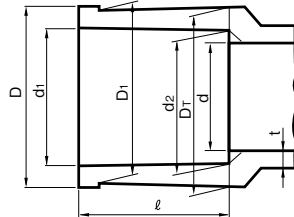
Unit:mm

A-Type(Injection molded article)

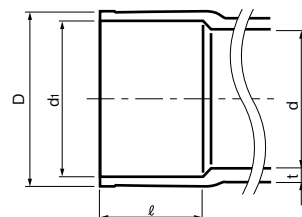
13~50mm



65~150mm



200~300mm



Size	d ₁	ℓ	d ₂	d	D	D ₁	D _T	t
★13	18.30	22	17.55	14	26	—	—	3.5
★16	22.35	27	21.55	17	29	—	—	3.5
★20	26.35	33	25.50	21	34	—	—	4.0
★25	32.50	38	31.40	26	41	—	—	4.0
★30	38.50	42	37.45	34	46	—	—	4.5
★40	48.50	47	47.45	40	56	—	—	4.5
★50	60.50	52	59.45	50	69	—	—	5.0
65	76.70	70	75.25	67	91	87	88.5	6.1
75	89.70	75	88.25	77	106	102	104.5	7.5
100	114.85	94	113.15	100	134	130	133.5	9.4
125	140.80	104	139.01	125	166	157	161.0	10.4
150	166.00	132	163.90	146	189	186	190.0	12.2
200	216.90	145	—	196	243.0	—	—	13.0
250	268.10	175	—	242	300.0	—	—	14.5
300	319.40	185	—	288	356.0	—	—	16.0

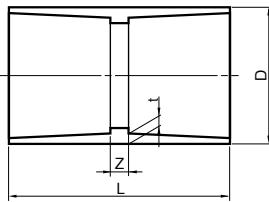
Notes : ★ JIS standard

Coupling

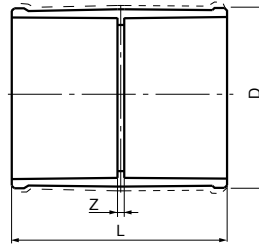
Unit:mm



13~150mm



200~300mm



Size		D	L	t	Z	Weight (kg/pc)	Item No.
A	B						
★13	3/8	26	49	3.5	5	0.024	THS13
★16	1/2	29	59	3.5	5	0.033	THS16
★20	3/4	34	71	4.0	5	0.058	THS20
★25	1	41	82	4.0	6	0.077	THS25
★30	1-1/4	46	89	4.5	5	0.083	THS30
★40	1-1/2	56	99	4.5	5	0.146	THS40
★50	2	69	109	5.0	5	0.195	THS50
65	2-1/2	91	145	6.1	5	0.298	THS65
75	3	106	154	7.5	8	0.493	THS75
100	4	134	200	9.4	12	1.102	THS1H
125	5	166	232	10.4	24	1.840	THS1QY
150	6	189	300	12.2	36	3.068	THS1FY
200	8	243	300	13.0	10	3.400	HTS2H6K
250	10	300	384	14.5	34	6.900	HTS2F6K
300	12	356	408	16.0	38	9.100	HTS3H6K

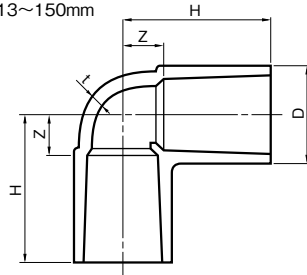
Notes : ★ JIS standard

90° Elbow

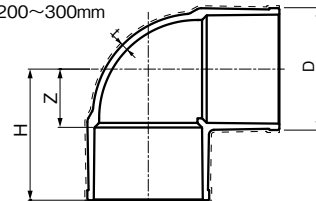
Unit:mm



13~150mm



200~300mm



Size		D	t	H	Z	Weight (kg/pc)	Item No.
A	B						
★13	3/8	26	3.5	34.0	12.0	0.029	THL13
★16	1/2	29	3.5	41.0	14.0	0.041	THL16
★20	3/4	34	4.0	53.0	20.0	0.069	THL20
★25	1	41	4.0	58.0	20.0	0.094	THL25
★30	1-1/4	46	4.5	64.0	22.0	0.122	THL30
★40	1-1/2	56	4.5	74.0	27.0	0.183	THL40
★50	2	69	5.0	85.0	33.0	0.272	THL50
65	2-1/2	91	6.1	114.0	44.0	0.551	THL65Y
75	3	106	7.5	123.5	44.5	0.856	THL75Y
100	4	134	9.4	156.0	63.0	1.740	THL1HY
125	5	166	10.4	189.0	83.0	2.970	THL1QY
150	6	189	12.2	230.0	98.0	5.047	THL1FY
200	8	243	13.0	261.5	116.5	6.600	HTL2H6K
250	10	300	14.5	317.8	142.8	10.800	HTL2F6K
300	12	356	16.0	355.0	170.0	15.500	HTL3H6K

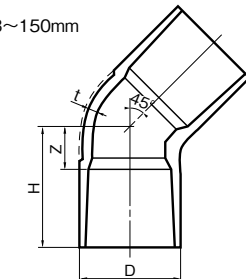
Notes : ★ JIS standard

45° Elbow

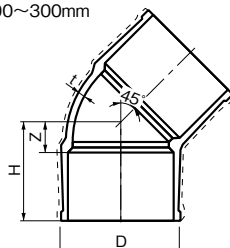
Unit:mm



13~150mm



200~300mm

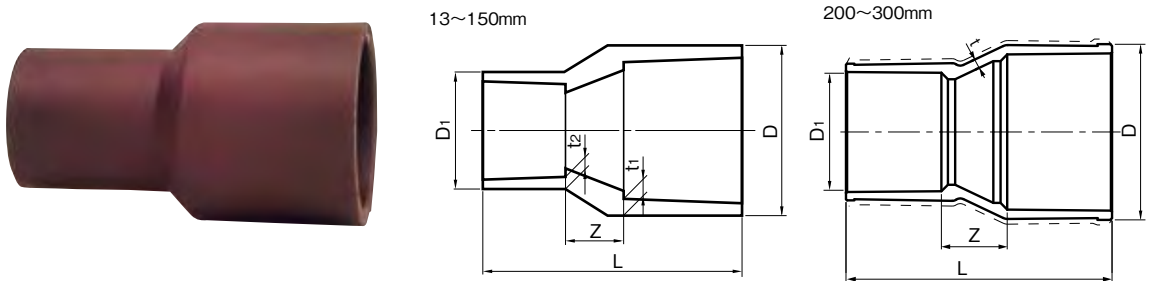


Size		D	t	H	Z	Weight (kg/pc)	Item No.
A	B						
13	3/8	26	3.5	27	5	0.030	TH4L13
16	1/2	29	3.5	33	6	0.041	TH4L16
20	3/4	34	4.0	44	11	0.067	TH4L20
25	1	41	4.0	50	12	0.090	TH4L25
30	1-1/4	46	4.5	53	11	0.110	TH4L30
40	1-1/2	56	4.5	61	14	0.155	TH4L40
50	2	69	5.0	80	28	0.296	TH4L50
65	2-1/2	91	6.1	94	24	0.495	TH4L65Y
75	3	106	7.5	98	23	0.740	TH4L75
100	4	134	9.4	123	29	1.330	TH4L1H
125	5	166	11.0	149	44	2.140	TH4L1Q
150	6	189	13.5	184	51	3.740	TH4L1F
200	8	243	13.0	205	60	5.6	HT4L2H6
250	10	300	14.5	254	79	9.0	HT4L2F6
300	12	356	16.0	280	95	13.6	HT4L3H6

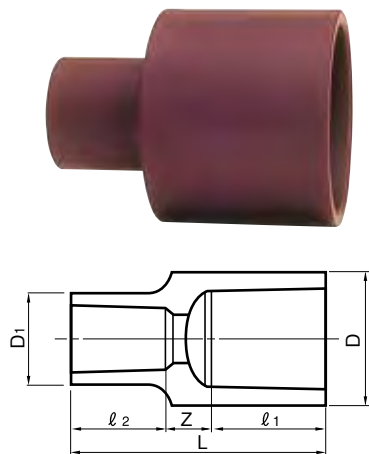
Notes : ★ JIS standard

Reducing Coupling/Bush

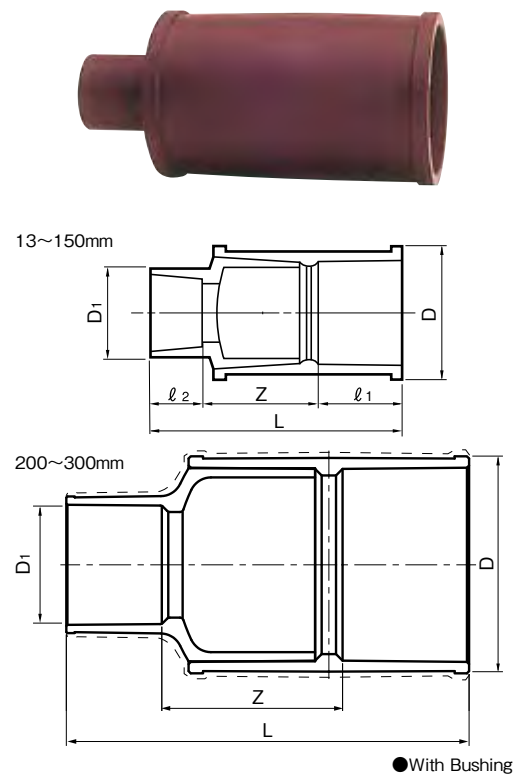
Reducing Coupling(A-I)



Reducing Coupling/Bush(A-II)

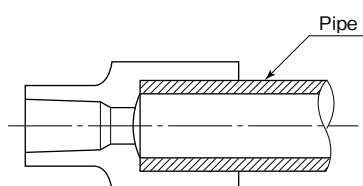


Reducing Coupling(Coupling+Reducing Coupling(A-I))

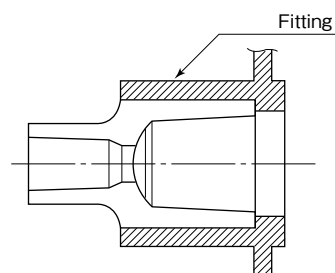


Reducing Coupling/Bush(A-II)

● Reducing Coupling



● Bush



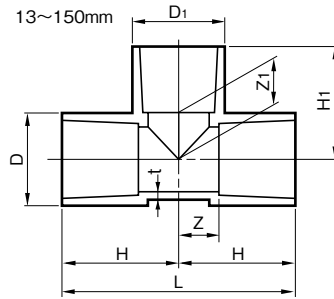
Unit:mm

Reducing Coupling	Bush	D	D ₁	L	ℓ ₁	ℓ ₂	t ₁	t ₂	Z	Notes	Weight (kg/pc)	Item No.
★16×13	—	29	26	53	—	—	3.5	3.5	4	A-I	0.032	THS161
★20×13	—	34	26	61.5	—	—	4.0	3.5	6.5	A-I	0.045	THS202
★20×16	—	34	29	66	—	—	4.0	3.5	6	A-I	0.049	THS201
★25×13	—	41	26	73	—	—	4.0	3.5	13	A-I	0.054	THS253
★25×16	—	41	29	76	—	—	4.0	3.5	11	A-I	0.039	THS252
★25×20	—	41	34	80.5	—	—	4.0	4.0	9.5	A-I	0.072	THS251
★30×20	—	46	34	85	—	—	4.5	4.0	10	A-I	0.041	THS302
★30×25	—	46	41	90	—	—	4.5	4.0	10	A-I	0.088	THS301
★40×20	—	56	34	98	—	—	4.5	4.0	18	A-I	0.111	THS404
★40×25	—	56	41	100	—	—	4.5	4.0	15	A-I	0.116	THS403
★40×30	—	56	46	97	—	—	4.5	4.5	8	A-I	0.130	THS402
★50×25	—	69	41	110	—	—	5.0	4.0	20	A-I	0.155	THS504
★50×30	—	69	46	110	—	—	5.0	4.5	16	A-I	0.154	THS503
★50×40	—	69	56	110	—	—	5.0	4.5	11	A-I	0.165	THS501
50×13	65×13	76	26	99	63	20	—	—	16	A-II	0.229	HTS506Y
50×16	65×16	76	31	103	63	30	—	—	10	A-II	0.231	HTS505Y
50×20	65×20	76	33	109	63	35	—	—	11	A-II	0.243	HTS504Y
50×25	65×25	76	40	113	63	40	—	—	10	A-II	0.250	HTS503Y
50×30	65×30	76	48	113	63	40	—	—	10	A-II	0.265	HTS502Y
50×40	65×40	76	57	128	63	45	—	—	20	A-II	0.287	HTS501Y
50×50	65×50	76	70	137	63	50	—	—	24	A-II	0.310	HTS500Y
65×20	75×20	89	33	113	61	35	—	—	17	A-II	0.265	HTS655Y
65×25	75×25	89	40	119	61	40	—	—	18	A-II	0.275	HTS654Y
65×30	75×30	89	48	119	61	40	—	—	18	A-II	0.285	HTS653Y
65×40	75×40	89	57	134	61	45	—	—	28	A-II	0.310	HTS652Y
65×50	75×50	89	70	142	61	50	—	—	31	A-II	0.330	HTS651Y
65×65	75×65	89	87	141	61	61	—	—	19	A-II	0.365	HTS650Y
75×20	100×20	114	36	132	72	35	—	—	25	A-II	0.672	HTS756Y
75×25	100×25	114	40	138	72	40	—	—	26	A-II	0.680	HTS755Y
75×30	100×30	114	48	138	72	40	—	—	26	A-II	0.690	HTS754Y
75×40	100×40	114	57	142	72	45	—	—	25	A-II	0.700	HTS753Y
75×50	100×50	114	70	148	72	50	—	—	26	A-II	0.710	HTS752Y
75×65	100×65	114	87	161	72	61	—	—	28	A-II	0.755	HTS751Y
75×75	100×75	114	101	177	72	72	—	—	33	A-II	0.820	HTS750Y
100×20	125×20	140	36	144	92	35	—	—	17	A-II	1.040	HTS1H7Y
100×25	125×25	140	42	150	92	40	—	—	18	A-II	1.050	HTS1H6Y
100×50	125×50	140	70	160	92	50	—	—	18	A-II	1.090	HTS1H3Y
100×65	125×65	140	87	170	92	61	—	—	17	A-II	1.110	HTS1H2Y
100×75	125×75	140	101	184	92	72	—	—	20	A-II	1.300	HTS1H1Y
100×100	125×100	140	130	203	92	92	—	—	19	A-II	1.400	HTS1H0Y
125×20	150×20	165	36	175	104	35	—	—	36	A-II	1.620	HTS1Q8Y
125×25	150×25	165	42	180	104	40	—	—	36	A-II	1.630	HTS1Q7Y
125×75	150×75	165	101	219	104	72	—	—	43	A-II	1.680	HTS1Q2Y
125×100	150×100	165	130	233	104	92	—	—	37	A-II	1.900	HTS1Q1Y
125×125	150×125	165	157	244	104	104	—	—	36	A-II	2.000	HTS1Q0Y
150×125	—	189	157	412	132	104	—	—	176	○	5.068	HTS1F1
200×150	—	243	189	368	—	—	13.0	13.0	91		3.900	HTS2H16
※250×150	—	300	189	557	—	—	14.5	13.0	250		12.100	HTS2F26
250×200	—	300	243	400	—	—	14.5	13.0	80		6.100	HTS2F16
※300×150	—	356	189	605	—	—	16.0	13.0	288		35.100	HTS3H36
※300×200	—	356	243	601	—	—	16.0	13.0	271		16.400	HTS3H26
300×250	—	356	300	435	—	—	16.0	14.5	75		9.100	HTS3H16

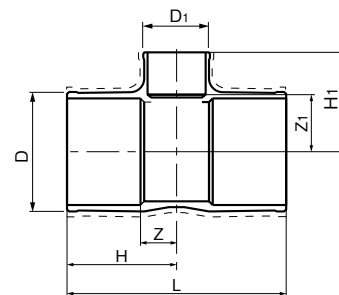
Notes : ★ JIS standard ○ Production to order

Tee

Tee • Reducing Tee



200~300mm



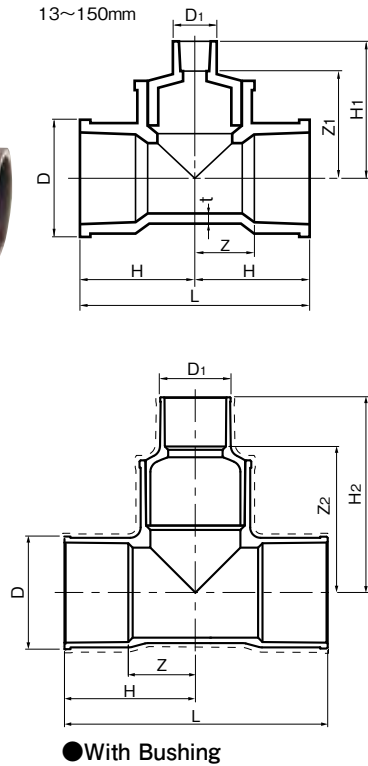
Unit:mm

Size	D	t	L	H	D1	H1	Z	Z1	Weight (kg/pc)	Item No.
A										
★13	26	3.5	68	34	26	34	12	12	0.042	THT13
★16	29	3.5	82	41	29	41	14	14	0.055	THT16
★16×13	29	3.5	78	39	26	36	12	14	0.052	THT161
★20	34	4.0	106	53	34	53	20	20	0.087	THT20
★20×13	34	4.0	90	45	26	38	12	16	0.079	THT202
★20×16	34	4.0	94	47	29	43	14	14	0.085	THT201
★25	41	4.0	116	58	41	58	20	20	0.136	THT25
★25×13	41	4.0	98	49	26	41	11	19	0.101	THT253
★25×16	41	4.0	104	52	29	46	14	19	0.106	THT252
★25×20	41	4.0	108	54	34	52	16	19	0.122	THT251
★30	46	4.5	128	64	46	64	22	22	0.154	THT30
★30×13	46	4.5	108	54	26	44	12	22	0.117	THT304A
★30×16	46	4.5	112	56	29	49	14	22	0.124	THT303A
★30×20	46	4.5	116	58	34	55	16	22	0.140	THT302A
★30×25	46	4.5	120	60	41	60	18	22	0.156	THT301A
★40	56	4.5	150	75	56	75	28	28	0.300	THT40
★40×13	56	4.5	124	62	26	49	15	27	0.169	THT406A
★40×16	56	4.5	126	63	29	54	16	27	0.179	THT405A
★40×20	56	4.5	130	65	34	60	18	27	0.193	THT404A
★40×25	56	4.5	136	68	41	65	21	27	0.205	THT403A
★40×30	56	4.5	144	72	46	69	25	27	0.220	THT402A
★50	69	5.0	174	87	69	87	35	35	0.382	THT50
★50×13	69	5.0	138	69	26	55	17	33	0.239	THT507A
★50×16	69	5.0	140	70	29	60	18	33	0.250	THT506A
★50×20	69	5.0	144	72	34	70	20	37	0.275	THT505A
★50×25	69	5.0	150	75	41	75	23	37	0.304	THT504A
★50×30	69	5.0	158	79	46	75	27	33	0.303	THT503A
★50×40	69	5.0	164	82	56	80	30	33	0.363	THT502A
65	91	6.1	228	114	91	114	44	44	0.822	THT65Y
75	106	7.5	247	123.5	106	123.5	48.5	48.5	1.112	THT75Y
100	134	9.4	312	156	134	156	62	62	2.348	THT1HY
125	166	10.4	378	189	166	189	85	85	4.200	THT1QY
150	189	12.2	460	230	189	230	98	98	6.280	THT1FY
200	243	13.0	533	267	243	267	122	122	8.200	HTT2H6K
200×75	243	13.0	402	201	102	180	56	116	5.600	HTT2H46
200×100	243	13.0	436	218	130	200	73	116	6.500	HTT2H36
200×150	243	13.0	490	245	186	257	100	125	8.400	HTT2H16
250	300	14.5	710	355	300	355	180	180	18.800	HTT2F6K
250×75	300	14.5	492	246	102	210	71	146	8.800	HTT2F56
250×100	300	14.5	534	267	130	225	92	141	9.800	HTT2F46
250×200	300	14.5	670	335	243	335	160	190	16.100	HTT2F16
300	356	16.0	820	410	356	375	225	225	30.400	HTT3H6K
300×75	356	16.0	520	260	102	236	75	172	12.900	HTT3H66
300×100	356	16.0	532	266	130	257	81	173	13.400	HTT3H56
300×250	356	16.0	750	375	300	392	190	217	25.500	HTT3H16

Notes : ★ JIS standard

Tee

Tee(Tee+Reducing Coupling)

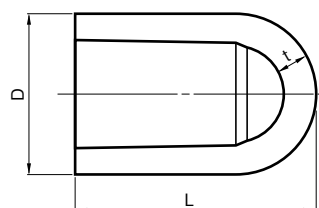


Unit:mm

Size	D	t	L	H	D1	H1	Z	Z1	Weight (kg/pc)	Item No.
A										
65×13	91	6.1	228	114	26	143	44	123	1.051	HTT657
65×16	91	6.1	228	114	31	147	44	117	1.053	HTT656
65×20	91	6.1	228	114	33	153	44	118	1.065	HTT655
65×25	91	6.1	228	114	40	157	44	117	1.072	HTT654
65×30	91	6.1	228	114	48	157	44	117	1.087	HTT653
65×40	91	6.1	228	114	57	172	44	127	1.109	HTT652
65×50	91	6.1	228	114	70	181	44	131	1.132	HTT651
75×20	106	7.5	247	123.5	33	161.5	48.5	126.5	1.337	HTT756
75×25	106	7.5	247	123.5	40	167.5	48.5	127.5	1.387	HTT755
75×30	106	7.5	247	123.5	48	167.5	48.5	127.5	1.397	HTT754
75×40	106	7.5	247	123.5	57	182.5	48.5	137.5	1.422	HTT753
75×50	106	7.5	247	123.5	70	190.5	48.5	140.5	1.442	HTT752
75×65	106	7.5	247	123.5	87	189.5	48.5	128.5	1.477	HTT751
100×20	134	9.4	312	156	36	194	62	159	3.020	HTT1H8
100×25	134	9.4	312	156	40	200	62	160	3.028	HTT1H7
100×30	134	9.4	312	156	48	200	62	160	3.038	HTT1H6
100×40	134	9.4	312	156	57	204	62	159	3.048	HTT1H4
100×50	134	9.4	312	156	70	210	62	160	3.058	HTT1H3
100×65	134	9.4	312	156	87	223	62	162	3.103	HTT1H2
100×75	134	9.4	312	156	101	239	62	167	3.168	HTT1H1
○ 125×20	166	10.4	378	189	36	229	85	194	5.240	HTT1Q8
○ 125×25	166	10.4	378	189	42	235	85	195	5.250	HTT1Q7
○ 125×50	166	10.4	378	189	70	245	85	195	5.290	HTT1Q4
○ 125×65	166	10.4	378	189	87	255	85	194	5.310	HTT1Q3
○ 125×75	166	10.4	378	189	101	269	85	197	5.500	HTT1Q2
○ 125×100	166	10.4	378	189	130	288	85	196	5.600	HTT1Q1
○ 150×20	189	12.2	460	230	36	273	98	238	7.900	HTT1F9
○ 150×25	189	12.2	460	230	42	278	98	238	7.910	HTT1F8
○ 150×75	189	12.2	460	230	101	317	98	245	7.960	HTT1F3
○ 150×100	189	12.2	460	230	130	331	98	239	8.180	HTT1F2
○ 150×125	189	12.2	460	230	157	342	98	238	8.280	HTT1F1
○ 250×150	300	14.5	710	355	186	524	180	392	24.100	HTT2F26
○ 300×150	356	16.0	750	375	186	561	190	429	30.800	HTT3H36
○ 300×200	356	16.0	820	410	243	599	225	454	37.700	HTT3H26

Notes : ○ Production to order

Cap



Unit:mm

Size		D	L	t	Weight (kg/pc)	Item No.
A	B					
★13	3/8	26	32.5	3.5	0.016	THC13
★16	1/2	29	39.5	3.5	0.021	THC16
★20	3/4	34	52	4.0	0.037	THC20
★25	1	41	60	4.0	0.055	THC25
★30	1 1/4	46	63.5	4.5	0.064	THC30
★40	1 1/2	56	73.5	4.5	0.096	THC40
★50	2	69	85	5.0	0.138	THC50

Notes : ★ JIS standard