



CÔNG TY CỔ PHẦN NHỰA KỸ THUẬT KVG

THERMOPLASTIC PIPING SYSTEMS FOR
INDUSTRIAL APPLICATIONS

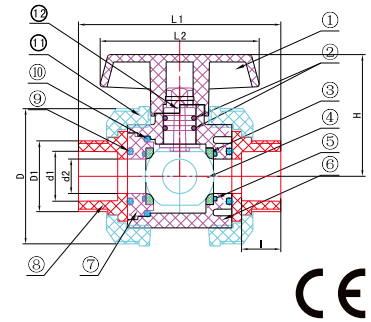


KVG
PLASTICS & INSTRUMENTS

VAN BI RẮC-CO UPVC ERA MODEL UTB03

PART NO: KBVE1

- Áp suất: PN10 (150 psi)
- Kiểu nối: nối keo rắc co
- Chuẩn kết nối: ASTM, JIS, DIN



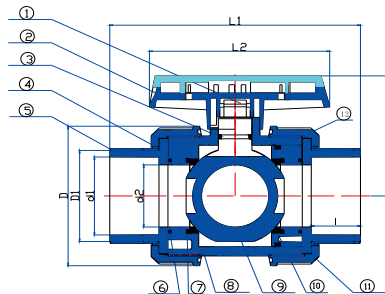
Specification of material

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Handle	ABS	1	7	Seat Carrier	PVC-U	1
2	Stem O-Ring	NBR	2	8	End Connector	PVC-U	1
3	Seat Seal	PE	2	9	O-Ring	NBR	1
4	Ball	PVC-U	1	10	O-Ring	NBR	1
5	O-Ring	NBR	2	11	Union Nut	PVC-U	1
6	Body	PVC-U	1	12	Stem	PVC-U	1

TRUE UNION BALL VALVE III

Dimensions

Nom Size	NPT	BSPT	JIS(d1)	BS(d1)	ANSI(d1)	DIN(d1)	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	26	55	16	82.50	65	49.50
20mm(3/4")	14	14	26	26	26.67	25	18	36	60	19	92	80	54.50
25mm(1")	11.50	11	32	34	33.40	32	25	44	69	22.50	107	85	62
32mm(1 1/4")	11.50	11	38	42	42.16	40	32	56	81.50	26	120	97	74
40mm(1 1/2")	11.50	11	48	48	48.26	50	40	63	93	31.50	144	116	85
50mm(2")	11.50	11	60	60	60.33	63	50	78	111	38.50	172	134	100



VAN BI RẮC-CO HÓA CHẤT UPVC, CPVC, PPH ERA MODEL UTB03

PART NO: KBVE3

- Áp suất: PN10 (150 psi)
- Kiểu nối: nối keo, ren, bích
- Chuẩn kết nối: ASTM, JIS, DIN



Specification of material

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Stem	PVC,CPVC,PP	1	7	O-Ring	EPDM,FPM(NBR)	2
2	Handle	ABS	1	8	Body	PVC,CPVC,PP	1
3	Stem O-Ring	EPDM,FPM(NBR)	2	9	Ball	PVC,CPVC,PP	1
4	Union Nut	PVC,CPVC,PP	2	10	Seat Seal	PTFE	2
5	End Connector	PVC,CPVC,PP	2	11	Seat Carrier	PVC,CPVC,PP	1
6	Body O-Ring	EPDM,FPM(NBR)	2	12	Carrier O-Ring	EPDM,FPM(NBR)	1

TRUE UNION BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.2	20.6	112.5	65	50.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.6	65.5	24.6	130.2	75	58.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	28	142.5	85	65.7
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59.5	102	31.5	166.5	110	86
50mm(2")	11.5	11	60	60	60.33	63	50	75	120	40	214	133.5	101.5
65mm(2 1/2")	8	11	76	76	73.03	75	60	87.5	135	40	228	161	112.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	269	200	160.5
100mm(4")	8	11	114	114	114.3	110	99	132	216	56	309	240	173.5

VAN BI RẮC-CO HÓA CHẤT (UPVC/CPVC/PPH)



Size: 1/2" - 2"



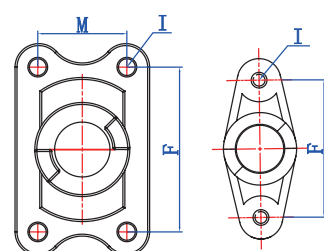
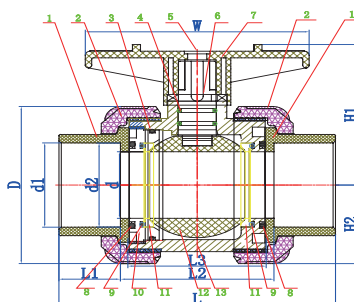
Size: 2-1/2" - 4"



Size: 1/2" - 4"

PART NO: KBVS1

- Áp suất: PN10 (150 psi)
- Kiểu nối: nối keo, ren, bích
- Chuẩn kết nối: ASTM, JIS, DIN



(Có thể lắp bộ điều khiển)

No.	Item	Material	Qty	Unit
3/4/8/9	O-ring	EPDM/VITON	7	pcs
1	End Connector	UPVC/CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	pcs
5	Handle Cap	ABS	1	pcs
6	Stem	UPVC/CPVC/PPH	1	pcs
7	Handle	ABS	1	pcs
10	Seal Carrier	UPVC/CPVC/PPH	1	pcs
11	Seat	PTFE	2	pcs
12	Ball	UPVC/CPVC/PPH	1	pcs
13	Body	UPVC/CPVC/PPH	1	pcs



UNIT:MM

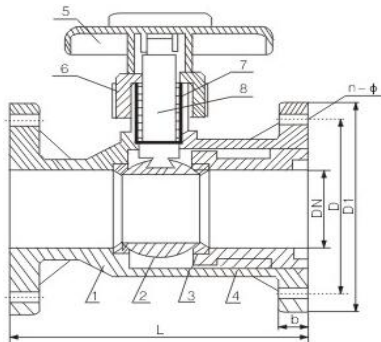


SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9
4"(100)	90	114.6	110.35	114.7	115	114.1	110.05	113.98	113.8

UNIT:MM

SIZE	D	L	L1	L2	L3	W	H1	H2	F	M	I	Operating torque(N.M)
1/2"(15)	54	106	23	60	52	84	52.5	27.5	31	-	M6	2
3/4"(20)	63	114	26	62	54	90	59	32	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	106	67.5	37.25	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	116	77.5	42.75	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	128	90	50	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	140	106	60	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	198	136.5	76.5	84	45	M10	13
3"(80)	169	310	70	166	150	218	149.5	86	84	45	M10	16
4"(100)	190	352	84	181	157	235	166	98	121	49	M12	25

VAN BI NỒI BÍCH CHỊU HÓA CHẤT UPVC, CPVC, PPH, PVDF



Specification of Material

No.	Parts	Material
1	Body	UPVC, CPVC, PPH, PVDF, FRPP
2	Ball	UPVC, CPVC, PPH, PVDF, FRPP
3	Seal Ring	PTFE, F4
4	Inner Plug	UPVC, CPVC, PPH, PVDF, FRPP
5	Hand Wheel	ABS
6	Retaining Nut	UPVC, CPVC, PPH, PVDF, FRPP
7	Seal	PTFE, F4
8	Stem	UPVC, CPVC, PPH, PVDF, FRPP

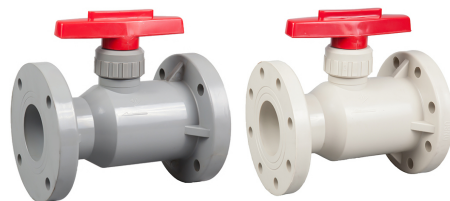
Dimensions

Unit: mm

DN	D1	D			L	b	n			φ			PN Mpa
		DIN/ GB	JIS	ANSI			DIN/ GB	JIS	ANSI	DIN/ GB	JIS	ANSI	
15	95	65	70	60	100	14	4	4	4	14	15	16	1
20	105	75	75	70	120	16	4	4	4	14	15	16	1
25	115	85	90	80	140	16	4	4	4	14	19	16	1
32	135	100	N/A	N/A	160	16	4	N/A	N/A	18	N/A	N/A	1
40	145	110	105	98	165	16	4	4	4	18	19	16	1
50	160	125	120	120	180	18	4	4	4	18	19	19	1
65	180	145	140	140	220	22	4	4	4	18	19	14	1
80	195	160	150	152	250	25	4	8	4	18	19	14	1
100	215	180	175	190	280	25	8	8	8	18	19	19	1
125	245	210	210	216	320	30	8	8	8	18	23	22	0.8
150	280	240	240	240	360	30	8	8	8	23	23	22	0.8
200	335	295	295	298	400	35	8	12	8	23	23	22	0.8
250	395	350	355	362	500	38	12	12	12	23	23	22	0.5
300	455	400	400	432	600	40	12	16	12	23	25	25	0.5

PART NO: KQ41F

- Áp suất: PN10 (150 psi)
- Kiểu nối: nối bích
- Chuẩn kết nối: ASTM, JIS, DIN/GB



VAN BI NỒI REN VẶN - PP

PART NO: KBVP

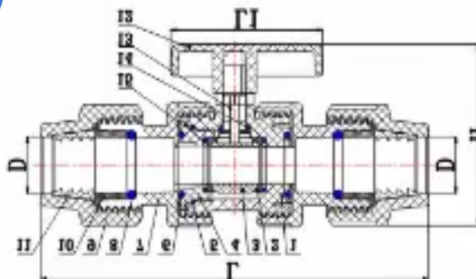
- Áp suất: PN10 (150 psi)
- Kiểu nối: nối ren vặn
- Chuẩn kết nối: DIN



Dimensions

Unit: mm

Size	D	H	L1	L
20 (1/2")	20	70	60	105
25 (3/4")	25	105	91	135
32 (1")	32	105	91	143
40 (1-1/4")	40	134	108	188
50 (1-1/2")	50	134	108	205
63 (2")	63	162	126	245



Specification of Material

No.	Parts	Material	QTY
1	Body	PP	1
2	Seat Seal	PTFE/TPR	2
3	Ball	PP	1
4	Gland Nut	PP	1
5	O-Ring	NBR	1
6	O-Ring	NBR	2
7	Cap Adaptor	PP	2
8	O-Ring	NBR	2
9	Nut	PP	2
10	Seat Carrier	PP	2
11	Split Ring	POM	2
12	O-Ring	NBR	2
13	O-Ring	NBR	1
14	Stem	PP	1
15	Handle	PP	1

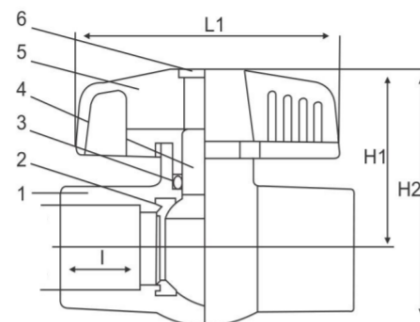
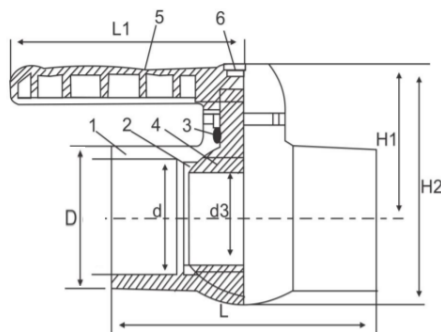
VAN BI NƯỚC KIỂU COMPACT PVC

VAN BI NƯỚC KIỂU OCTAGON PVC

PART NO: KBVC Compact Type

PART NO: KBVO Octagon Type

- Kiểu nối: nối keo chuẩn TCVN



UPVC Compact Ball Valve

Specification of Material

No.	Parts	Material	QTY
1	Body	UPVC	1
2	Seat Seal	TPV	1
3	O-Ring	NBR	2
4	Ball	PP	2
5	Handle	ABS	2
6	Cap	ABS	2

Dimension

Unit: mm

Valve size	DN	D	d	d3	L	L1	H1	H2	I
Size 21	15	29	21	14.5	74.5	69	44.9	64	20
Size 27	20	35	27	20	85	74	52	73	22
Size 34	25	43	34	24	99	88	65	86.5	25
Size 42	32	52	42	30	108	101	70	97	25.5
Size 48	40	60	48	34	124	110	73.5	108	29
Size 60	50	75	60	44	141	127	81	127	35
Size 76	65	90	76	56	183	202	109	190	53
Size 90	80	107	90	71	227	202	116	182	66.5
Size 110	100	129	110	86	272	243	152	219	72
Size 160	150	187	160	130	390	300	180	310	100
Size 200	200	227	200	154	420	300	190	380	105



UPVC Octagon Ball Valve



VAN BI KVG ĐIỀU KHIỂN ĐIỆN ON/OFF - UPVC/CPVC/PPH

PART NO: KBVES

- Van điều khiển On/Off

PART NO: KBVEM

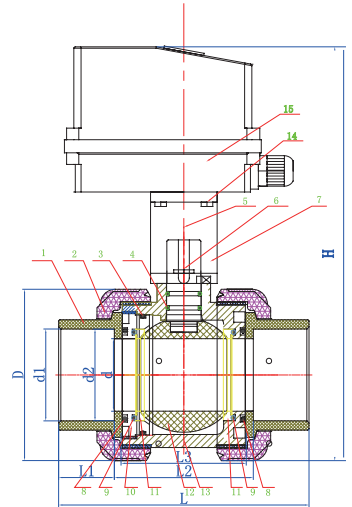
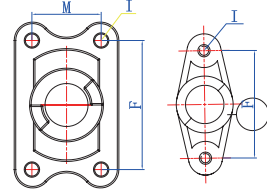
- Van điều khiển tuyến tính

Cấp áp suất: PN10 (150 PSI)

Điện Áp: 230VAC; 24 VDC

Đầu nối: nối keo, nối ren, bích

Tiêu chuẩn: ANSI, JIS, DIN, GB



No.	Item	Material	Qty	Unit
3/4/8/9	O-ring	EPDM/VITON	7	pcs
1	End Connector	UPVC/CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	pcs
5	Adaptor	SUS304	1	pcs
6	Stem	UPVC/CPVC/PPH	1	pcs
7	Support	UPVC/SUS304	1	pcs
10	Seal Carrier	UPVC/CPVC/PPH	1	pcs
11	Seat	PTFE	2	pcs
12	Ball	UPVC/CPVC/PPH	1	pcs
13	Body	UPVC/CPVC/PPH	1	pcs
14	Screw	SUS304	6-8	pcs
15	Electric Actuator	SUS304	1	pcs

VAN BI ĐIỀU KHIỂN ĐIỆN TUYẾN TÍNH UPVC/CPVC/PPH



UNIT:MM

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9
4"(100)	90	114.6	110.35	114.7	115	114.1	110.05	113.98	113.8

UNIT:MM

SIZE	D	L	L1	L2	L3	H	F	M	I	Operating torque (N.M)
1/2"(15)	54	106	23	60	52	148	31	-	M6	2
3/4"(20)	63	114	26	62	54	153	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	184	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	190	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	196	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	245	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	287	84	45	M10	13
3"(80)	169	310	70	166	150	296	84	45	M10	16
4"(100)	190	352	84	181	157	330	121	49	M12	25

VAN BI ĐIỀU KHIỂN KHÍ NÉN - UPVC, CPVC, PPH, PVDF



PART NO: KBVPD (Double Acting)
PART NO: KBVPS (Spring Returns)
PART NO: KBVPM (Moderating)

Cấp áp suất: PN10 (150 PSI)
Đầu nối: nối keo, nối ren, bích
Tiêu chuẩn: ANSI, JIS, DIN, GB
Kiểu điều khiển:

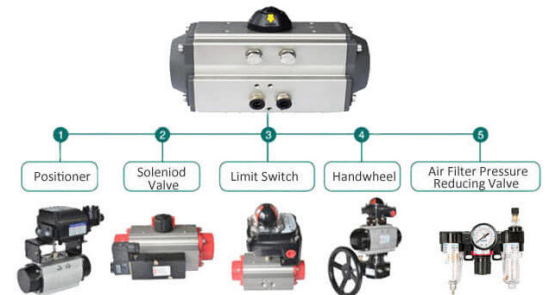
- Thường Đóng/Mở (SR) - KBVPS
- Hai đường khí (DA) - KBVPD
- ĐK Tuyến tính (MD) - KBVPM

Lựa chọn bổ xung:

- Limit Switches
- Air Filters
- Solenoid Valves
- Positioners



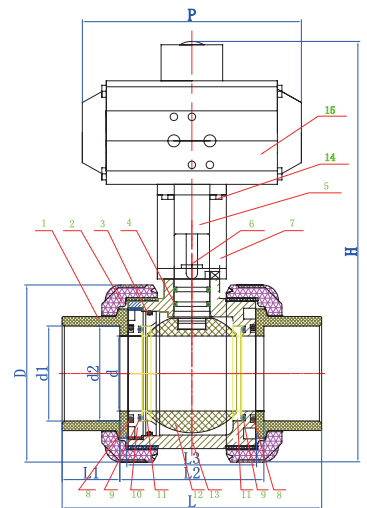
Valve Accessories



No.	Item	Material	Qty	Unit
3/4/8/9	O-ring	EPDM/VITON	7	pcs
1	End Connector	UPVC / CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	pcs
5	Adaptor	SUS304	1	pcs
6	Stem	UPVC/CPVC/PPH	1	pcs
7	Support	UPVC/SUS304	1	pcs
10	Seal Carrier	UPVC/CPVC/PPH	1	pcs
11	Seat	PTFE	2	pcs
12	Ball	UPVC/CPVC/PPH	1	pcs
13	Body	UPVC/CPVC/PPH	1	pcs
14	Srew	SUS304	6-8	pcs
15	Pneumatic Actuator	SUS304	1	pcs

UNIT:MM

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9
4"(100)	90	114.6	110.35	114.7	115	114.1	110.05	113.98	113.8



UNIT:MM

SIZE	D	L	L1	L2	L3	P	H	F	M	I	Operating torque (N.M)
1/2"(15)	54	106	23	60	52	84	148	31	-	M6	2
3/4"(20)	63	114	26	62	54	90	153	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	106	184	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	116	190	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	128	196	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	140	245	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	198	287	84	45	M10	13
3"(80)	169	310	70	166	150	218	296	84	45	M10	16
4"(100)	190	352	84	181	157	235	330	121	49	M12	25

VAN BI MỘT CHIỀU RẮC CO ĐƠN SANWIN - UPVC, CPVC, PPH

PART NO: KBCSS

- Van không có lò xo

PART NO: KBCSL

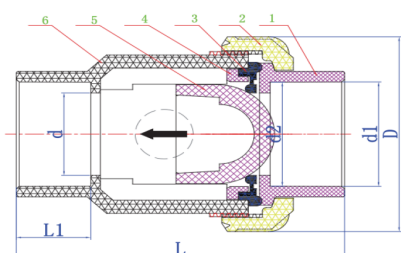
- Van có lò xo

Cấp áp suất: PN10 (150 PSI)

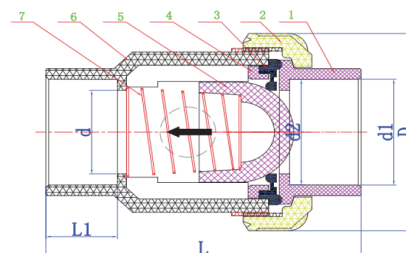
Đầu nối: nối keo, nối ren, bích

Tiêu chuẩn: ANSI, JIS, DIN, GB

Kiểu bi van: U Ball (Bi bán phần)



KBCSS Series



KBCSL Series

No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	1	pcs
2	Union Nut	UPVC/CPVC/PPH	1	pcs
3	Seat Seal	EPDM/VITON	1	pcs
4	Gasket	UPVC/CPVC/PPH	1	pcs
5	Ball	UPVC/CPVC/PPH	1	pcs
6	Body	UPVC/CPVC/PPH	1	pcs

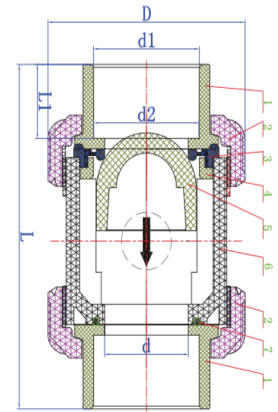
No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	1	pcs
2	Union Nut	UPVC/CPVC/PPH	1	pcs
3	Seat Seal	EPDM/VITON	1	pcs
4	Gasket	UPVC/CPVC/PPH	1	pcs
5	Ball	UPVC/CPVC/PPH	1	pcs
6	Body	UPVC/CPVC/PPH	1	pcs
7	Spring	SUS304	1	pcs

UNIT:MM

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9	54	87	22
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	63	104	26
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	73.5	122	28
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	84.5	136	32
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9	98	147	35
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9	117	167	38
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9	150	245	65
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9	169	270	70
4"(100)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9	211	301	70



VAN BI MỘT CHIỀU HAI ĐẦU RẮC CO SANWIN - UPVC, CPVC, PPH



PART NO: KBCDS

Cấp áp suất: PN10 (150 PSI)
 Đầu nối: nối keo, nối ren, bích
 Tiêu chuẩn: ANSI, JIS, DIN, GB
 Kiểu bi van: U Ball (Bi bán phần)

UNIT:MM

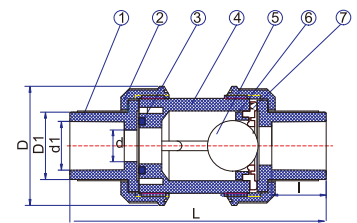
No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	pcs
3	Seat Seal	EPDM/VITON	1	pcs
4	Gasket	UPVC/CPVC/PPH	1	pcs
5	Ball	UPVC/CPVC/PPH	1	pcs
6	Body	UPVC/CPVC/PPH	1	pcs
7	O-Ring	EPDM/VITON	1	pcs

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9	54	91	23
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	63	106.5	26
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	73.5	125	29
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	84.5	141	33
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9	98	150.5	35.5
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9	119	169.5	38.5

VAN BI MỘT CHIỀU HAI ĐẦU RẮC CO UPVC

PART NO: KBCE

Cấp áp suất: PN10 (150 PSI)
 Đầu nối: nối keo, nối ren, bích
 Tiêu chuẩn: ANSI, JIS, DIN, GB
 Kiểu bi van: U Ball (Bi bán phần)



Specification of material

NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC	2
2	Union Nut	PVC	2
3	Stem O-Ring	EPDM,FPM(NBR)	1
4	Body	PVC	1
5	Ball	PVC	1
6	Gland	PVC	1
7	Seat	EPDM,FPM(NBR)	1

BALL CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	I	L
15mm(1/2")	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4")	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1")	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34	168.5
50mm(2")	11.5	11	60	60	60.33	63	50	75	119.8	40	189

VAN MỘT CHIỀU KVG KIỂU SWING - UPVC/CPVC/PPH

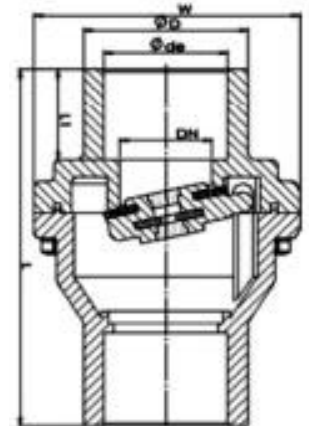
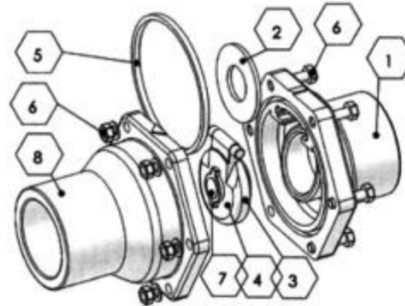
PART NO: KSWL

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nối keo, bích

Tiêu chuẩn: ANSI, JIS, DIN, GB

Kiểu van: Lá lật (không có lò xo)



Specification of Material			
No.	Parts	Material	QTY
1	Low Body	UPVC/CPVC/PPH/PPG/ABS	1
2	Seal Nut	EPDM/FPM	1
3	Extra Weight	STEEL	3
4	Flap	UPVC/CPVC/PPH/PPG/ABS	1
5	Seal Ring	EPDM/FPM	1
6	Bolt	STAINLESS STEEL 304	4-12
7	Cap	UPVC/CPVC/PPH/PPG/ABS	2
8	Up Body	UPVC/CPVC/PPH/PPG/ABS	1

Dimensions						Unit: mm	
Size	DN	DIN/d	D	L1	L	W	
3/4"	20	25	36	27	90	64	
1"	25	32	46	27	107	75	
1-1/4"	32	40	56	34	130	110	
1-1/2"	40	50	66	38	147	120	
2"	50	63	81	39	162	140	
2-1/2"	65	75	95	45	198	148	
3"	80	90	112	55	236	163	
4"	100	110	132	75	305	204	
6"	150	160	194	90	379	282	

VAN MỘT CHIỀU ERA KIỂU SWING - UPVC

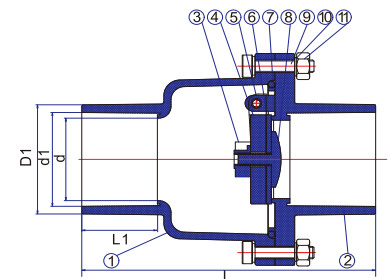
PART NO: KSWE

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nối keo, bích

Tiêu chuẩn: ANSI, JIS, DIN, GB

Kiểu van: Lá lật (không lò xo)



● SWING CHECK VALVE

Specification of material

NO.	PART	MATERIAL	Q'TY
1	Exit Body	PVC	1
2	Entrance Body	PVC	1
3	Gate Nut	PVC	1
4	Disk	PVC	1
5	Pin	SUS304	1
6	Sheet Gasket	EPDM,FPM(NBR)	1
7	O-Ring	EPDM,FPM(NBR)	1
8	Sheet Gasket Holder	PVC	1
9	Bolt	SUS304	see table
10	Washer	SUS304	see table
11	Nut	SUS304	see table

● SWING CHECK VALVE

Dimensions

Nom Size	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	L1	L	N-φ e
65mm(2 1/2")	76	76	73.03	75	68.3	89	58.0	226.2	8
80mm(3")	89	89	88.9	90	83	103.6	73.0	264.4	8
100mm(4")	114	114	114.3	110	101	131.6	90.0	358	8
150mm(6")	165.0	166	168.3	160	147	182	113.0	422.4	12

VAN MỘT CHIỀU KIỂU KVG WAFER (FLAP) - UPVC, CPVC

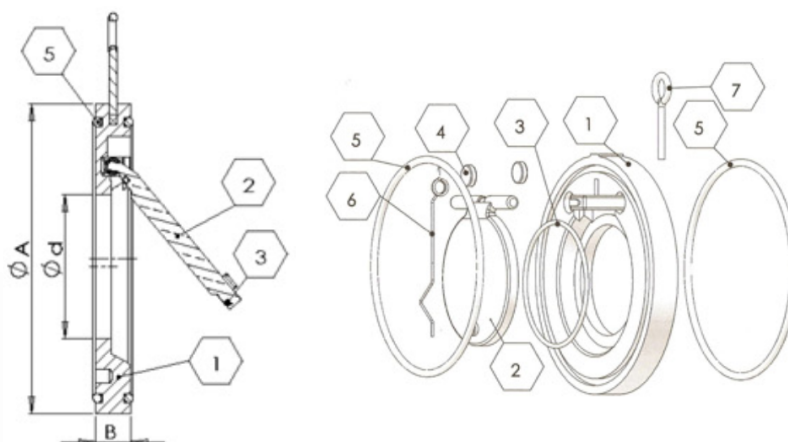
PART NO: KWCS

Cấp áp suất: PN10 (150 PSI)

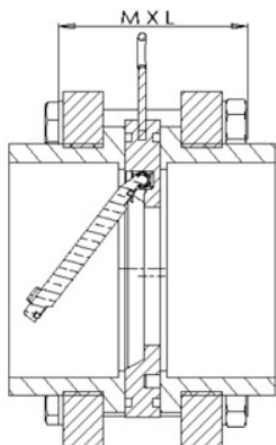
Đầu nối: nổi bích

Tiêu chuẩn: ANSI, JIS, DIN, GB

Kiểu van: Lá lật (không lò xo)


Specification of Material

No.	Parts	Material	QTY
1	Body	UPVC/CPVC	1
2	Flap	UPVC/CPVC	1
3	O-Ring	EPDM/FPM	1
4	Cap	UPVC/CPVC	2
5	O-Ring	EPDM/FPM	2
6	Spring	STAINLESS STEEL 304	1
7	Stationary Ring	Steel (CS)	1


Dimensions

Unit: mm

Size	DN	DIN/d	PN (bar)	A	B	d
2"	DN50	63	1	109	20	32
2-1/2"	DN65	75	1	129	20	40
3"	DN80	90	1	144	21	55
4"	DN100	110	1	164	23	70
5"	DN125	140	1	194	23	92
6"	DN150	160	1	218	26	105
8"	DN200	200	0.6	273	34	126
8"	DN200	225	0.6	273	34	140
10"	DN250	250	0.6	330	40	170
12"	DN300	315	0.6	380	47	220

VAN 1 CHIỀU BAODI SWING NỒI BÍCH UPVC, CPVC, PPH, PVDF

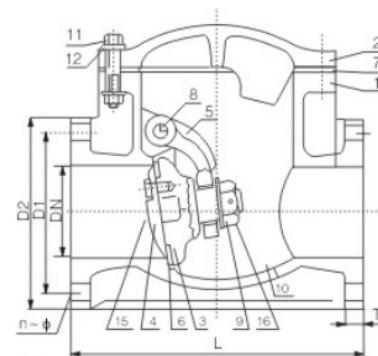
PART NO: KH44F

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nổi bích

Tiêu chuẩn: ANSI, JIS, DIN, GB

Kiểu van: Lá lật (không lò xo)



Dimensions										(Mpa) Working pressure		
DN	D1			D2	n-b			L	T			
	JIS	DIN	ANSI		JIS	DIN	ANSI			PVDF	CPVC	FRPP
25	90	85	80	125	4-19	4-14	4-16	160	16	0.7	0.7	0.6
40	105	110	99	140	4-19	4-18	4-16	180	18	0.7	0.7	0.6
50	120	125	120	155	4-19	4-18	4-19	200	21	0.7	0.7	0.6
65	140	145	140	175	4-19	4-18	4-19	240	23	0.7	0.7	0.6
80	150	160	152	185	8-19	8-18	4-19	260	25	0.7	0.7	0.6
100	175	180	190	210	8-19	8-18	8-19	300	26	0.5	0.5	0.5
125	210	210	216	250	8-23	8-18	8-22	350	27	0.5	0.5	0.5
150	240	240	240	280	8-23	8-23	8-22	400	27	0.5	0.5	0.5
200	290	295	298	330	12-23	8-23	8-22	500	34	0.5	0.5	0.5
250	355	350	362	395	12-25	12-23	12-25	600	38	0.5	0.5	0.5

Specification of Material		
No.	Parts	Material
1	Body	UPVC/CPVC/PPH/PVDF/FRPP
2	Bonnet	UPVC/CPVC/PPH/PVDF/FRPP
3	Moving board	UPVC/CPVC/PPH/PVDF/FRPP
4	Sealing ring tray	UPVC/CPVC/PPH/PVDF/FRPP
5	Swing arm	UPVC/CPVC/PPH/PVDF/FRPP
6	Compression sealing	PTFE, EPDM
7	Back seal	EPDM, FPM
8	Arm Pin	UPVC/CPVC/PPH/PVDF/FRPP
9	Nut	UPVC/CPVC/PPH/PVDF/FRPP
10	Packing	UPVC/CPVC/PPH/PVDF/FRPP
11	Nut	Stainless Steel, Steel
12	Packing	Stainless Steel, Steel
13	Packing	PTFE (PVDF, FRPP)
14	Nut	UPVC/CPVC/PPH/PVDF/FRPP
15	Fixed screw	UPVC/CPVC/PPH/PVDF/FRPP
16	Pin	UPVC/CPVC/PPH/PVDF/FRPP

VAN BI 1 CHIỀU BAODI NỒI BÍCH - UPVC, CPVC, PPH, PVDF

PART NO: KH41F

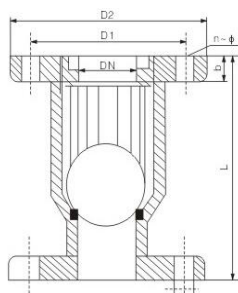
 Cấp áp suất:
 PN10 (150 PSI)

Đầu nối: nổi bích

Tiêu chuẩn:

ANSI, JIS, DIN, GB

Kiểu van: Kiểu bi tròn



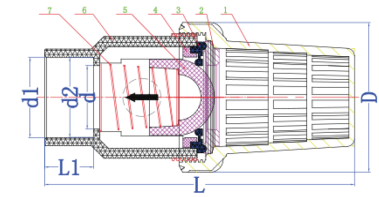
Dimensions						
DN	(mm) Flange type size					PN Mpa
	D2	D1	L	T	N-*	
15	95	65	100	14	4-14	0.6
20	105	75	120	14	4-14	0.6
25	115	85	140	16	4-14	0.6
32	135	100	160	17	4-18	0.6
40	145	110	165	18	4-13	0.6
50	160	125	180	20	4-18	0.6
65	180	140	220	22	4-18	0.6
*80	195	160	250	25	8-18	0.6
100	215	180	280	25	8-18	0.6
125	245	210	320	30	8-18	0.5
150	280	240	360	30	8-23	0.4
200	335	295	400	35	8-23	0.4
250	395	350	500	38	12-23	0.4

RỌ BƠM NƯỚC KVG (LUPPE) UPVC, CPVC, PPH

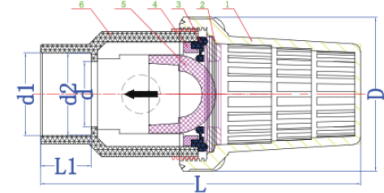
PART NO: KFVL (không lò xo)
PART NO: KFVS (có lò xo)
 Cấp áp suất: PN10 (150 PSI)
 Đầu nối: nối keo, nối bích, nối hàn
 Tiêu chuẩn: ANSI, JIS, DIN, GB
 Kiểu van: U ball (bị bán phần)



UNIT:MM



Foot valve (with Spring) KFVS

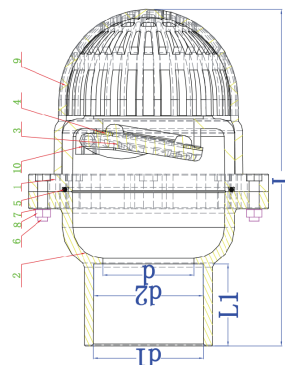


Foot valve (Standard) KFVL

Specification of Material			
No.	Parts	Material	QTY
1	Valve Bonnet	UPVC/CPVC/PPH	1
2	Seat Support	UPVC/CPVC/PPH	1
3	Seat Seal	EPDM/FPM	1
4	Seat	UPVC/CPVC/PPH	1
5	Valve Ball	UPVC/CPVC/PPH	1
6	Body	UPVC/CPVC/PPH	1

Specification of Material			
No.	Parts	Material	QTY
1	Valve Bonnet	UPVC/CPVC/PPH	1
2	Seat Support	UPVC/CPVC/PPH	1
3	Seat Seal	EPDM/FPM	1
4	Seat	UPVC/CPVC/PPH	1
5	Valve Ball	UPVC/CPVC/PPH	1
6	Body	UPVC/CPVC/PPH	1
7	Spring	SS304	1

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9	54	91	23
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	63	106.5	26
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	73.5	125	29
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	84.5	141	33
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9	98	150.5	35.5
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9	119	169.5	38.5
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9	150	295	64.5
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9	169	335	70



UNIT:MM

Specification of Material			
No.	Parts	Material	QTY
1	Bottom Body	UPVC	1
2	Upper Body	UPVC	1
3	Valve Disc	UPVC	1
4	Seat Seal	EPDM	1
5	O-Ring	EPDM	1
6	Bolt	SS304	8-12
7	Bolt Gasket	SS304	8-12
8	Nut	SS304	8-12
9	Net Cover	UPVC	1
10	Buckle	UPVC	2

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
4"(100)	95	116.76	110.45	114.7	115	114.1	109.9	113.98	113.8	250	348	84.5
5"(125)	125	141.81	140.5	140.8	141	141	140.2	140.1	139.7	265	410	85
6"(150)	150	168.83	160.5	166.2	166.2	168	160.2	165.3	164.6	290	445	86.5
8"(200)	200		200				200				480	

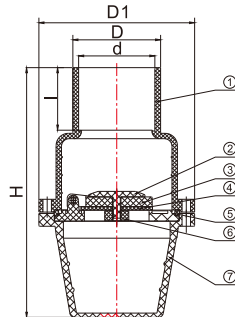
PART NO: KFVE

Cấp áp suất: PN10 (150 PSI)

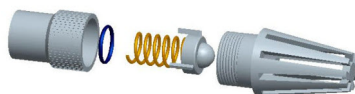
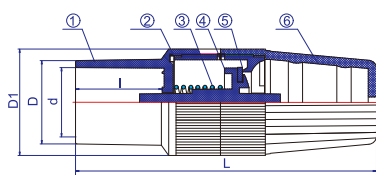
Đầu nối: nối keo, nối bích

Tiêu chuẩn: ANSI, JIS, DIN

Kiểu van: Lá lật (không lò xo)


**FOOT VALVE KVG - KFVE SERIES
TYPE B (Without Spring) DN65-DN150**
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Connector	EPDM,FPM(NBR)	1
3	Spring	STAINLESS STEEL	1
4	Gate	PVC	1
5	Seal	EPDM,FPM(NBR)	1
6	Body	PVC	1

FOOT VALVE
Dimensions

**FOOT VALVE KVG - KFVE SERIES
TYPE A (With Spring) DN15-DN50**

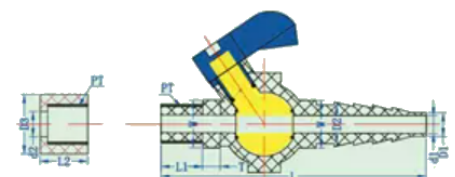
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d	BS d	ANSI d	DIN d	D	D1	I	L	
15mm(1/2")	14	14	22	22	21.34	20	31.0	43.7	31.0	137.0	
20mm(3/4")	14	14	26	26	26.67	25	35.5	43.7	32.5	141.0	
25mm(1")	11.5	11	32	34	33.4	32	41.9	43.7	32.8	141.0	
32mm(1 1/4")	11.5	11	38	42	42.16	40	51.0	78	35.0	195.3	
40mm(1 1/2")	11.5	11	48	48	48.26	50	60.3	78	56.0	217.4	
50mm(2")	11.5	11	60	60	60.33	63	72.5	78	57.0	217.4	
75mm(2 1/2")	8	11	76	76	73.03	75	90	171.6	73.5	293.4	
90mm(3")	8	11	89	89	88.9	90	76.4	183.8	58.2	252	
110mm(4")	8	11	114	114	114.3	110	115	216	91	360	
125mm							125.6	142.4	232.6	95	386.47
140mm							140.6	159	246.5	105	430
160mm(6")	8	11	165	168.3	168.3	160	161	291	120	500	

VAN LẤY MẪU KVG - UPVC
PART NO: KSPV1

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nối keo spigot chuẩn DIN

Nối ren Rp/NPT, nối hose nhanh


SAMPLING VALVE


SIZE	d1	D1	D2	L	L1	W	T	L2	d2	D3			PT
										ANSI	DIN	JIS	
1/4"	6	8	12	90	14	16	6	16	8	21.00	20.00	22.00	19

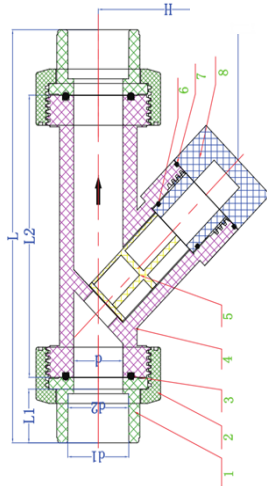
Y LỌC (Y-STRAINER) NHỰA KVG - UPVC, CPVC, PPH, PVDF

PART NO: KYS

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nối keo, hàn, nối bích

Tiêu chuẩn: ANSI, JIS, DIN, GB



Specification of Material

No.	Parts	Material	QTY
1	End Connector	UPVC/CPVC/PPH/PVDF	2
2	Union Nut	UPVC/CPVC/PPH/PVDF	2
3	O-Ring	EPDM/FPM	2
4	Body	Clear UPVC/CPVC PPH/PVDF	1
5	Filter Screen	PP/PVDF	1
6	O-Ring	EPDM/FPM	1
7	O-Ring	EPDM/FPM	1
8	Drain nut	UPVC/CPVC/PPH/PVDF	1

Kết nối : Nối keo (ANSI/DIN/JIS/CNS); Nối ren (NPT/BSPT);

Size: 1/2"-4"

Nối bích (ANSI, JIS, DIN); Nối hàn nhiệt (DIN)

Cấp áp suất: PN10 (150 PSI)

Dimension										Unit:			
Size	DN	d1				d2				L	L1	L2	H
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS				
1/2"	15	21.4	20.3	22.3	22.4	21.3	20	21.8	21.9	174	22.3	110	55
3/4"	20	26.7	25.3	26.3	26.4	26.6	25	25.8	25.9	185	26	125	66
1"	25	33.5	32.3	32.3	34.5	33.3	32	31.8	33.9	202	29	138	75
1-1/4"	32	42.3	40.3	38.4	42.5	42.1	40	37.8	41.9	233	32.5	149	82
1-1/2"	40	48.4	50.3	48.5	48.8	48.1	50	47.7	47.9	276	35.5	189	105
2"	50	60.5	63.3	60.6	60.6	60.2	63	59.7	59.9	311	38.5	222	135
2-1/2"	65	73.3	75.5	76.7	76.7	72.9	75	75.9	75.9	410	64.5	268	168
3"	80	89.3	90.4	89.6	89.6	88.7	90	88.8	88.9	485	70	330	220
4"	100	114.6	110.4	115	115	114	110	114	114	615	84	420	300



VAN BƯỚM NHỰA TAY GẠT ERA - UPVC, CPVC, PPH

PART NO: KUBV1

Cấp áp suất: PN10 (150 PSI)

Đầu nối: nối bích đa chuẩn

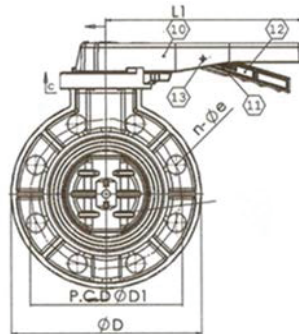
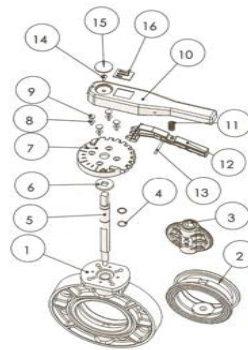
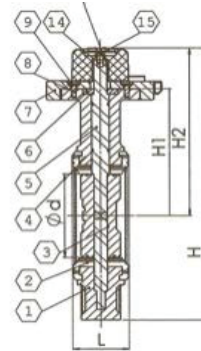
Tiêu chuẩn: ANSI, JIS, DIN, GB



Size: 2" - 8" (DN50 - DN200)

Kết nối: Nối bích đa chuẩn (DIN/ANSI/BS/JIS/CNS)

Cấp áp suất: 2"-6": PN10 (150PSI); 8": PN6 (90PSI)



Specification of Material

No.	Parts	Material	QTY
1	Body	UPVC/CPVC/PPH	1
2	Seat Seal	EPDM/FPM	1
3	Disc	UPVC/CPVC/PPH	1
4	O-Ring	EPDM/FPM	2
5	Stem	Steel/SS420/SS304	1
6	Baffle	ABS	1
7	Plate	ABS	1
8	Screw	Steel	2
9	Cap	ABS	2
10	Handle	ABS	1
11	Spring	SS304	1
12	Lever	ABS	1
13	Set-Pin	Steel	1
14	Bolt	Steel	1
15	Mark Cap	ABS	1
16	Logo Plate	ABS	1

Dimension		Unit: mm						
Size	Inch	2"	2-1/2"	3"	4"	5"	6"	8"
	DN	50	65	80	100	125	150	200
P.C.D ØD1	ØD	160	180	196	228	258	287	344
	DIN	125	145	160	180	210	240	295
	ANSI	121	140	152	191	216	241	298
	JIS	120	140	150	175	210	240	290
Ød		48	63	78	98	122	146	199
L		43	46	49	54	64	70	88
Ø1		124	124	124	124	170	170	170
L1		190	190	240	240	310	310	310
W		55	55	55	55	72	72	72
H1		100	112	120	140	168	181	215
H2		143	155	172	194	223	239	280
H		223	245	270	308	352	382	452
n-Øe	DIN	4-19	4-19	8-19	8-19	8-19	8-23	8-23
	ANSI	4-19	4-19	4-19	8-19	8-19	8-23	8-23
	JIS	4-19	4-19	8-19	8-19	8-19	8-23	8-23
PN	psi	150	150	150	150	150	150	100
	Mpa	1	1	1	1	1	1	0.6



VAN BƯỚM NHỰA TAY QUAY ERA - UPVC, CPVC, PPH

Specification of Material

No.	Parts	Material	QTY
1	Body	UPVC/CPVC/PPH	1
2	Seat Seal	EPDM/FPM	1
3	Disc	UPVC/CPVC/PPH	1
4	Bolt	SS304	2
5	Stem	Steel/SS304/SS316	1
6	O-Ring	EPDM/FPM	1
7	Key	Steel	1
8	Gear-box	Iron	2
9	Handle Wheel	Iron	2
10	Pin	Steel	1

PART NO: KUBV3

Cấp áp suất: PN10; PN6; PN4

Đầu nối: nối bích đa chuẩn

Tiêu chuẩn: ANSI, JIS, DIN, GB

Size range: 4"-20"

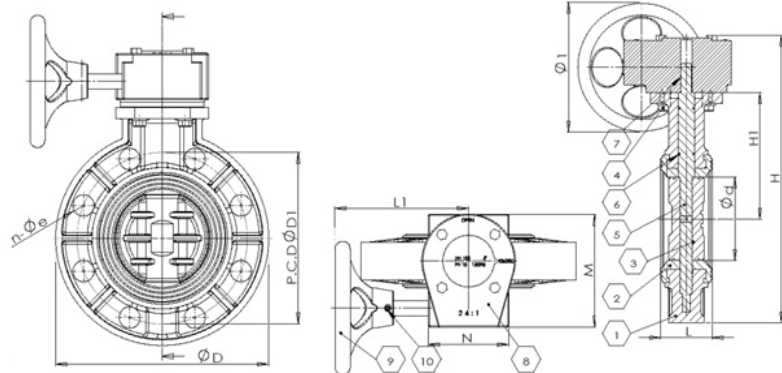
 Kết nối: Nối bích đa chuẩn
(DIN/ANSI/BS/JIS/CNS)

Cấp áp suất:

4"-8" : PN10 (150PSI)

10"-12" : PN6 (90PSI)

14"-20" : PN4 (60PSI)



Dimension		Unit: mm								
Size	Inch	4"	5"	6"	8"	10"	12"	14"	16"	20"
	DN	100	125	150	200	250	300	350	400	500
ØD		228	258	287	344	412	460	500	565	670
P.C.D ØD1	DIN	180	210	240	295	350	400	460	515	620
	ANSI	191	216	241	298	362	432	476	540	
	JIS	174	210	240	290	355	400	445	510	
Ød		98	122	146	199	255	302	345	395	490
L		54	64	70	88	98	108	88	98	135
Ø1		145	280	280	280	280	280	380	380	380
L1		120	200	200	200	220	220	280	280	280
H1		140	168	181	215	260	280	410	490	520
H		340	385	417	487	551	595	670	770	865
M		120	180	180	180	180	180	250	250	250
N		90	100	100	100	130	130	220	220	220
n-Øe	DIN	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	16-Ø25	16-Ø27	20-Ø32
	ANSI	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	12-Ø29	16-Ø29	
	JIS	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	16-Ø25	16-Ø27	
PN	psi	150	150	150	150	100	100	60	60	60
	Mpa	1	1	1	1	0.6	0.6	0.4	0.4	0.4
Weight	kgs	7.2	18	19	22	25	29	45	55	67

VAN BƯỚM ĐIỆN KVG ON/OFF - UPVC, CPVC, PPH

PART NO: KBUES
- Van điều khiển On/Off
PART NO: KBUEM
- Van điều khiển tuyến tính

Cấp áp suất: PN10; PN6; PN4

Điện Áp: 230VAC; 24 VDC

Đầu nối: nối bích đa chuẩn

Tiêu chuẩn: ANSI, JIS, DIN, GB

Electric Actuator Specification

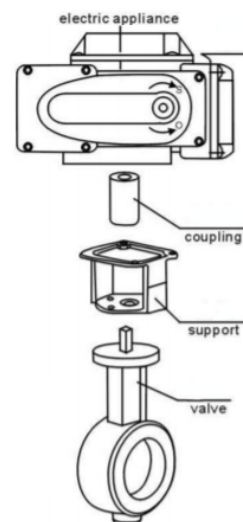
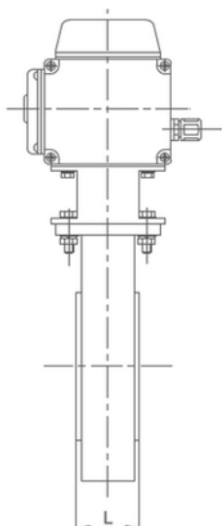
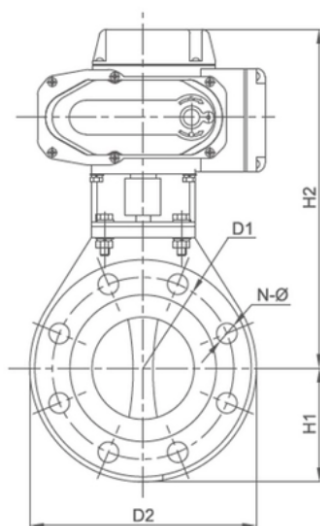
Parameters	Specification
Control type	AC On/Off; DC On/Off; 3 Phases On/Off
	AC/DC Modulating Control (P&ID Control)
Accessories	Passive contact; Position transmitter, Open signal
Connection	ISO5211; F04 - F12; 14x14 - 36x36
Power	DC24V, AC24V, AC110V, AC220V, AC380V
Motor power	10W, 15W, 20W, 25W, 40W, 70W, 90W
Torque range	50N.M, 100N.M, 200N.M, 400N.M, 600N.M, 1000N.M, 2000N.M
Ambient Temp	-20°C to 60°C
Protection	IP67 (IP68 Optional)
Explosion Proof	Exd II BT4Gb
Input Signal	4-20mADC, 1-5VDC, 0-10VDC
Design Standard	GB/T 24923-2010; JB/T 8219-1999; JB/T 7387-2014



SIZE mm	D1 1.0MPa	D2 1.0MPa	H2	H1	L	n-Ø 1.0MPa
DN50	125	165	263	82	40	4-19
DN65	145	185	274	92	46	4-19
DN80	160	200	318	100	46	8-19
DN100	180	220	334	110	54	8-19
DN125	210	249	369	124	70	8-23
DN150	240	283	406	142	74	8-23
DN200	295	340	452	170	87	8-23
DN250	350	395	503	198	114	12-25
DN300	410	460	557	230	114	12-25

Valve Body Specification

No.	Parts	Material
1	Body	UPVC/CPVC/PPH
2	Seat Seal	EPDM/FPM
3	Disc	UPVC/CPVC/PPH
4	Bolt	SS304
5	Stem	Steel/SS304/SS316
6	O-Ring	EPDM/FPM
7	Key	Steel
8	Gear-box	Iron
9	Handle Wheel	Iron
10	Pin	Steel



VAN BƯỚM KHÍ NÉN KVG - UPVC, CPVC, PPH

PART NO: KBUPD (Double Acting)
 PART NO: KBUPS (Spring Returns)
 PART NO: KBUPM (Moderating)



Pneumatic Actuator Specification	
Parameters	Specification
Control type	On/Off Double Acting (DA); Spring Return (SR) Modulating Control (P&ID Control)
Accessories	Limit Switches, Oil/water Filter, Solenoid valves
Connection	ISO5211; F03 - F16; 9x9 - 46x46
Pressure range	Double acting: 3-8bar; Spring return: 3-8bar
Torque range	Double acting: 5-6375N.M; Spring return: 4-2546N.M
Ambient Temp	Standard temperature: -20°C to 80°C; Low temp.: -40°C to 80°C; High temp.: -15°C to 150°C;
Protection	IP67 (IP68 Optional)
Air conditions	Dry, clean compressed air, no corrosive air
Control signal	4-20mADC, 1-5VDC, 0-10VDC
Design Stand.	GB/T 4213-2008; JB/T 8864-2004;

Cấp áp suất: PN10; PN6; PN4
 Đầu nối: nối bích đa chuẩn
 Tiêu chuẩn: ANSI, JIS, DIN, GB
 Kiểu điều khiển:

- Thường Đóng/Mở (SR) - KBVPS
- Hai đường khí (DA) - KBVPD
- ĐK Tuyến tính (MD) - KBVPM

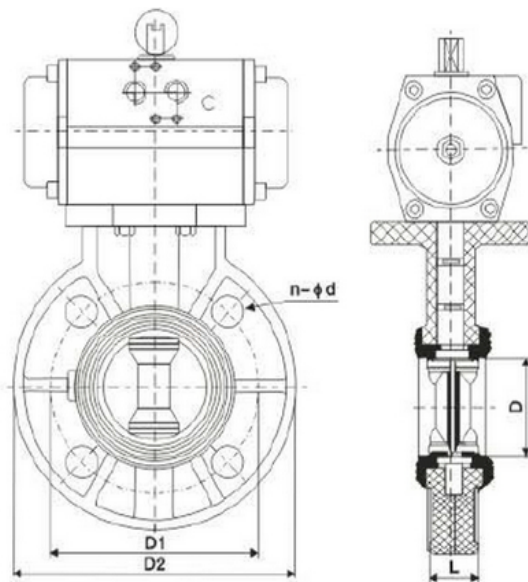
Lựa chọn bổ xung:

- Limit Switches
- Air Filters
- Solenoid Valves
- Positioners

DN	D	D1	D1				D2	L	n-φd
			D1	JIS	DIN	ANSI			
40	11/2"	47	110	105	110	3.88	150	39	4-φ18
50	2"	56	125	120	125	4.75	160	40	4-φ18
65	2 1/2"	71	145	140	145	5.5	185	46	4-φ18
80	3"	85	160	150	160	6	195	46	8-φ18
100	4"	105	180	175	180	7.5	215	54	8-φ18
125	5"	131	210	210	210	8.5	250	70	8-φ18
150	6"	153	240	240	240	9.5	285	74	8-φ22
200	8"	204	295	290	295	11.75	340	87	8-φ22
250	10"	255	350	355	350	14.25	395	114	12-φ22
300	12"	307	400	400	400	17	445	114	12-φ22

Valve Body Specification

No.	Parts	Material
1	Body	UPVC/CPVC/PPH
2	Seat Seal	EPDM/FPM
3	Disc	UPVC/CPVC/PPH
4	Bolt	SS304
5	Stem	Steel/SS304/SS316
6	O-Ring	EPDM/FPM
7	Key	Steel
8	Gear-box	Iron
9	Handle Wheel	Iron
10	Pin	Steel



VAN MÀNG NHỰA BAODI NỔI BÍCH - UPVC, CPVC, PPH PVDF

PART NO: KG41F

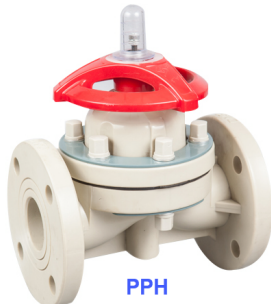
Cấp áp suất: PN10 (150 PSI)

Đầu nổi: nổi bích

Tiêu chuẩn: ANSI, JIS, DIN, GB



UPVC



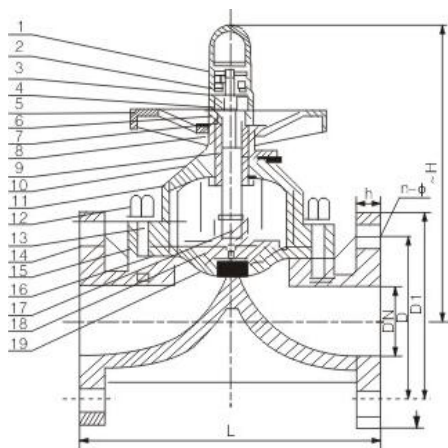
PPH



PVDF



CPVC


Specification of Material

No.	Parts	Material
1	Stud	Steel, Stainless Steel
2	Indicator	Steel
3	Stop cover	PC, AS
4	Washer	Steel, Stainless Steel
5	Wheel	ABS
6	Retaining Nut	FRPP Steel, Stainless Steel
7	Lining ring	PP
8	Yoke Nut	HT300 Steel
9	Stem	Steel, Stainless Steel
10	Bonnet	PPH, PVDF, UPVC, CPVC
11	Flat bearing	Ball bearing
12	Nut	Steel, Stainless Steel
13	Stud	Steel, Stainless Steel
14	Body	PPH, PVDF, UPVC, CPVC
15	Film	EPDM, IIR
16	Diaphragm	F46, PFA, PVDF, PTFE
17	Pin	Steel, Stainless Steel
18	Disc	Steel, Stainless C.I.FRP
19	Diaphragm	F46

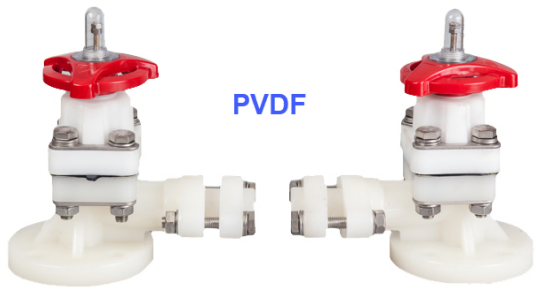
Material	Working temperature	Material	Working temperature
PPH	-20°C to +90°C	PVDF	-40°C to +120°C
UPVC	-40°C to +60°C	CPVC	-40°C to +95°C

Dimensions

Unit: mm

DN	D1	D			L			b	H	n			φ		
		DIN	JIS	ANSI	DIN	JIS	ANSI			DIN	JIS	ANSI	DIN	JIS	ANSI
15	95	65	70	60	130	110	110	14	125	4	4	4	14	15	16
20	105	75	75	70	150	120	120	16	145	4	4	4	14	15	16
25	115	85	90	80	160	130	130	16	148	4	4	4	14	19	16
32	135	100			160			16	165	4			18		
40	145	110	105	100	200	180	180	16	215	4	4	4	18	19	16
50	160	125	120	120	230	210	210	18	227	4	4	4	18	19	19
65	180	145	140	140	290	250	250	22	286	4	4	4	18	19	19
80	195	160	150	152	310	280	280	25	300	8	8	8	18	19	19
100	215	180	175	190	350	340	340	25	407	8	8	8	18	19	19
125	245	210	210	216	400	410	410	30	417	8	8	8	18	23	22
150	280	240	240	240	480	480	480	30	576	8	8	8	23	23	22
200	335	295	290	298	600	570	570	35	628	8	12	8	23	23	22
250	395	350	355	362	730	680	680	38	776	12	12	12	23	23	22
300	455	400	400	432	790			40	800	12	16	12	23	23	25

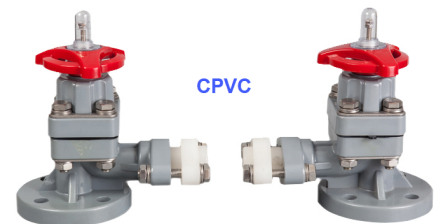
VAN THƯỚC ĐO BAODI NỒI BÍCH - UPVC, CPVC, PVDF



PVDF



UPVC

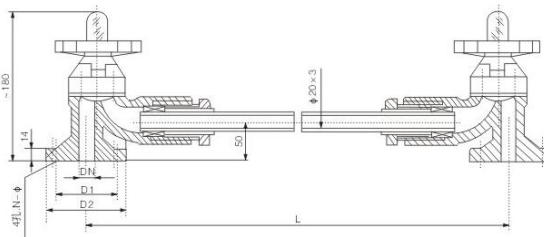


CPVC

PART NO: KLGV
 Nồi Bích: PN6

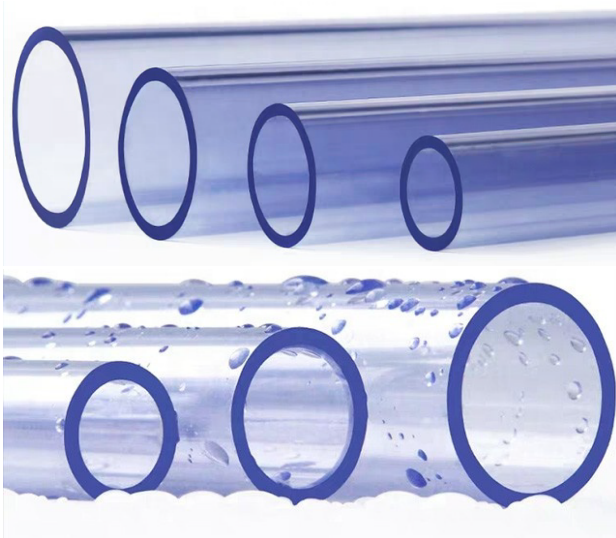
Specification	
Body	UPVC, CPVC, PVDF
Flange	ANSI, DIN, JIS
Pipe size	DIN Pipe d20
Flange size	DN15 - DN50
PN	0.6 Mpa

Material	Working temperature
UPVC	-40°C to +60°C
PVDF	-40°C to +120°C
CPVC	-40°C to +95°C



Dimensions					
DN	INCH	Figure size (mm)			PN
		D1	D2	N-*	
15	1/2"	65	95	4-14	0.6
20	3/4"	75	105	4-14	0.6
25	1"	85	115	4-14	0.6
40	1-1/2"	110	145	4-18	0.6
50	2"	125	160	4-18	0.6

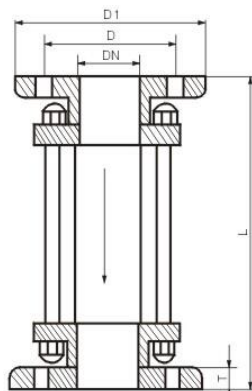
ỐNG PVC TRONG SUỐT - CLEAR PVC



Material: Clear (Transparent) UPVC; SCH40, DIN
 Pipe range: 1/2" - 8" (SCH40); d20 - d160 (DIN)

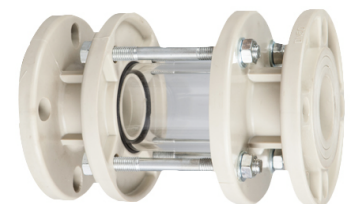


ỐNG QUAN SÁT CHẤT LỎNG BAODI - UPVC/CPVC/PPH/PVDF



Dimensions					Unit: mm	
DN	INCH	D			L	T
		DIN	ANSI	JIS		
25	1"	80	85	80	240	16
32	1-1/4"	100	100	89	240	16
40	1-1/2"	105	110	98	240	16
50	2"	120	125	120	240	16
65	2-1/2"	140	145	140	240	18
80	3"	130	100	152	240	18
100	4"	175	180	100	310	18
125	5"	210	210	216	370	20
150	6"	240	240	240	380	20
200	8"	290	295	298	420	25
250	10"	355	350	362	445	28

PART NO: KEI300
 Cấp áp suất: PN10 (150 PSI)
 Đầu nối: nối bích
 Tiêu chuẩn: ANSI, JIS, DIN, GB





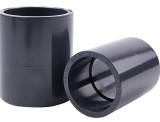
UPVC Pipes & Fittings ASTM SCH80 - SCH40

STANDARD: ASTM D1784-D1785; ASTM D2467

**Industrial Grade
for corrosion fluids**

(ASTM - SCH80) UPVC PIPE & FITTINGS FOR INDUSTRY

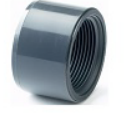
							
Ống UPVC SCH80	Cút 90°	Cút 45°	Tê Thu	Tê Đều	Bích Liền	Bích Rời	Bích Mù
UPVC SCH80 Pipe	Elbow 90°	Elbow 45°	Reducing Tee	Tee Equal	One-piece Flange	Van Stone Flange	Blind Flange
1/2"~14"	1/2"~14"	1/2"~14"	3/4"~1/2"~12"~10"	1/2"~14"	1/2"~8"	1/2"~14"	1/2"~14"

							
Măng Sóng	Côn Thu	Nối giảm	Tứ Thông	Nối Ren Ngoài	Nối Ren Trong	Nút Bịt Gắn Keo	Rắc co
Coupling	Reducer	Reducer Bushing	Cross	Male Adaptor	Female Adaptor	End Cap	Union
1/2"~14"	3/4"~1/2"~10"~8"	1/2"~1/4"~12"~10"	1/2"~6"	1/2"~12"	1/2"~12"	1/2"~14"	1/2"~4"

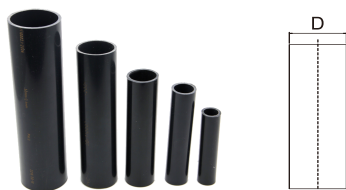
							
Tê 1 Đầu Ren	Cút 90° 1 đầu ren	Nối Giảm Ren Trong	Ren Ngoài Đồng	Ren Trong Đồng	Cút Ren Trong Đồng	Tê Ren Trong Đồng	Van Chặn Tay Vận
Female Thread Tee	Threaded Elbow 90°	Female Bushing	Male Adaptor Brass	Female Adaptor Brass	Female Elbow Brass	Female Tee Brass	PVC Stop Valve
1/2"~1"	1/2"~2"	3/4"~1/2"~1"~3/4"	1/2"~2"	1/2"~2"	1/2"~2"	1/2"~2"	1/2"~1"

(ASTM - SCH40) UPVC PIPE & FITTINGS FOR INDUSTRY

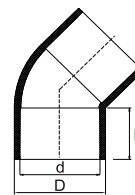
							
Ống UPVC SCH80	Cút 90°	Cút 45°	Tê Thu	Tê Đều	Tê 45°	Cút Ren Ngoài	Cút Ren Trong
UPVC SCH80 Pipe	Elbow 90°	Elbow 45°	Reducing Tee	Tee	Y - Tee	Male Thread Elbow	Female Thread Elbow
1/2"~6"	1/2"~6"	1/2"~6"	3/4"~1/2"~2"~1-1/2"	1/2"~6"	1/2"~1"	1/2"	1/2"

							
Măng Sóng	Côn Thu	Nối giảm	Tứ Thông	Nối Ren Ngoài	Nối Ren Trong	Nút Bịt Gắn Keo	Nút Bịt Ren Trong
Coupling	Reducer	Reducer Bushing	Cross	Male Adaptor	Female Adaptor	End Cap	Female Thread Cap
1/2"~6"	3/4"~1/2"~2"~1-1/2"	1/2"~1/4"~6"~4"	1/2"~2"	1/2"~6"	1/2"~6"	1/2"~6"	1/2"~2"

							
Tê 1 Đầu Ren	Cút 90° 1 đầu ren	Nối Giảm Ren Trong	Côn Thu Ren Ngoài	Tê Giảm Ren Trong	Cút Ren Trong Đồng	Rắc Co Ren Ngoài	Đầu Nối Bồn - Bể
Female Thread Tee	Threaded Elbow 90°	Female Bushing	Male Thread Reducer	Female Thread Tee	Female Elbow Brass	Male Union	Tank Adaptor
1/2"~1"	1/2"~2"	3/4"~1/2"~1"~3/4"	3/4"~1/2"	3/4"~1/2"~2"~1-1/2"	1/2"~2"	1/2"~2"	1"~2"



PART No.: E800



NSF

PART No.: E817

● PRESSURE PIPES

Size Nom	Outer Dia	Wall Thickness
1/2"	21.34	3.73
3/4"	26.67	3.91
1"	33.4	4.55
1 1/4"	42.16	4.85
1 1/2"	48.26	5.08
2"	60.33	5.54
2 1/2"	73.03	7.01
3"	88.9	7.62
4"	114.3	8.56
6"	168.3	10.97

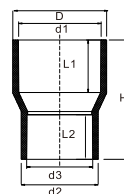
● 45° ELBOW

Size Nom	D	d	L
1/2"	29.3	21.34	22.7
3/4"	35.1	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72.5	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	57.6
6"	191.2	168.3	76.7
8"	247.2	219.08	102.6
10"	305.9	273.05	128
12"	361.5	323.85	153.5



PART No.: E829

NSF



PART No.: E829

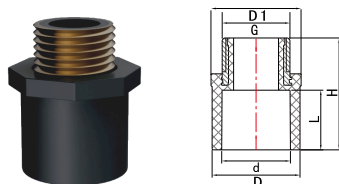
NSF

● COUPLING

Size Nom	D	d	H	L
1/2"	29.3	21.34	48.8	22.7
3/4"	35.1	26.67	55.2	26.0
1"	43.1	33.4	61.6	29.1
1 1/4"	52.4	42.16	67.4	32.3
1 1/2"	59	48.26	74.3	35.4
2"	72	60.33	80.1	38.6
2 1/2"	87.8	73.03	95.3	45
3"	104.9	88.9	101	48.1
4"	132.4	114.3	120.5	57.4
6"	191.2	168.3	160.3	76.7
8"	247.2	219.08	212	102.6
10"	305.9	273.05	263	128
12"	361.5	323.85	317	153.5

● REDUCING COUPLING

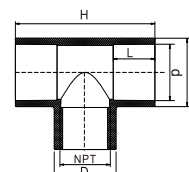
Size Nom	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	35.1	26.67	29.3	21.34	57.5	25.9	22.7
1"X1/2"	43.4	33.4	29.8	21.34	63.1	29.1	22.7
1"X3/4"	43.1	33.4	35.5	26.67	65.4	29.1	25.9
1 1/4"X1/2"	52.4	42.16	29.3	21.34	66.4	32.3	22.7
1 1/4"X3/4"	52.4	42.16	35.1	26.67	67.6	32.3	25.9
1 1/4"X1"	52.4	42.16	43.4	33.4	72.2	33	28.2
1 1/2"X1/2"	59	48.26	29.3	21.34	70.5	35.4	22.7
1 1/2"X3/4"	59	48.26	35.5	26.67	73.7	35.4	25.9
1 1/2"X1"	59	48.26	43.5	33.4	76.9	35.4	28.8
1 1/2"X1 1/4"	59	48.26	52.4	42.16	80.1	35.4	32.3
2"X1/2"	72	60.33	29.3	21.34	79.7	38.6	22.7
2"X3/4"	72	60.33	35.1	26.67	81.4	38.6	25.9
2"X1"	72	60.33	43.1	33.4	84.6	38.6	29.1
2"X1 1/4"	72	60.33	52.4	42.16	87.8	38.6	32.3
2"X1 1/2"	72	60.33	59	48.26	90.9	38.6	35.4



PART No.: E836

● MALE ADAPTOR WITH BRASS

Size Nom	D1	D	d	H	L	G
1/2"	30.4	29.4	21.34	44.2	22.7	1/2"
3/4"	36.1	35.1	26.67	48.9	25.9	3/4"
1"	44.1	43.1	33.4	54.5	29.1	1"
1 1/4"	53.4	52.4	42.16	63.1	32.3	1 1/4"
1 1/2"	60	59	48.26	69.7	35.4	1 1/2"
2"	73	72	60.33	76.1	38.6	2"

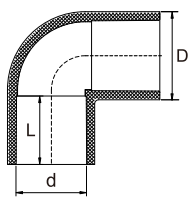


PART No.: E802

NSF

● FEMALE TEE

Size Nom	D	d	L	H	NPT
1/2"	32.5	21.34	22.7	70.8	1/2"
3/4"	38.1	26.67	25.9	82.5	3/4"
1"	46	33.4	29.1	97.4	1"

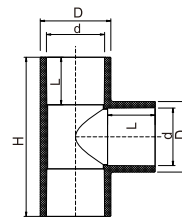


NSF

PART No.: E806

90° ELBOW

Size Nom	D	d	L
1/2"	29.8	21.34	22.7
3/4"	35.6	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	56.6
6"	190.9	168.3	76.7
8"	247.2	219.08	102.6
10"	305.9	273.05	128
12"	361.5	323.85	153.5

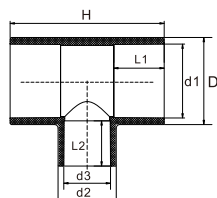


NSF

PART No.: E801

STRAIGHT TEE

Size Nom	D	d	L	H
1/2"	29.3	21.34	22.4	70.8
3/4"	35.4	26.67	25.9	82.4
1"	43.1	33.4	29.1	97.6
1 1/4"	52.4	42.16	32.3	110.9
1 1/2"	59	48.26	35.4	122.7
2"	72	60.33	38.6	142.7
2 1/2"	87.8	73.03	45	168.2
3"	104.9	88.9	48.1	190.2
4"	132.4	114.3	57.6	235.6
6"	191.2	168.3	76.7	333.2
8"	247.2	219.08	102.6	445
10"	305.9	273.05	128	556
12"	361.5	323.85	153.5	663

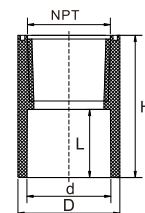


NSF

PART No.: E801

REDUCING TEE

Size Nom	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35.5	26.67	30	21.34	25.9	22.7	79.1
1"X1/2"	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1"X3/4"	43.1	33.4	35.1	26.67	29.1	25.9	91
1 1/4"X1/2"	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1 1/4"X3/4"	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1 1/4"X1"	52.4	42.16	43.1	33.4	32.3	29.1	105.8
1 1/2"X1/2"	59	48.26	29.3	21.34	35.4	22.7	97.6
1 1/2"X3/4"	59	48.26	35.1	26.67	35.4	25.9	103.7
1 1/2"X1"	59	48.26	43.1	33.4	35.4	29.1	110.5
1 1/2"X1 1/4"	59	48.26	52.4	42.16	35.4	32.3	118.9
2"X1/2"	72	60.33	29.3	21.34	38.6	22.7	104.7
2"X3/4"	72	60.33	35.1	26.67	38.6	25.9	109.7
2"X1"	72	60.33	43.1	33.4	38.6	29.1	115.9
2"X1 1/4"	72	60.33	52.4	42.16	38.6	32.3	124.6
2"X1 1/2"	72	60.3	59	48.26	38.6	35.4	131.6

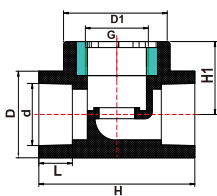


NSF

PART No.: E835

FEMALE ADAPTOR

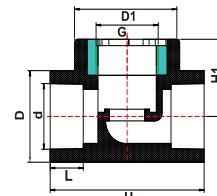
Size Nom	D	d	H	L	NPT
1/2"	32.5	21.34	45.7	22.7	1/2"
3/4"	38.1	26.67	54.8	25.9	3/4"
1"	46	33.4	58.7	29.1	1"
1 1/4"	55.9	42.16	64.3	32.3	1 1/4"
1 1/2"	63.5	48.26	70.9	35.4	1 1/2"
2"	76.2	60.33	74.6	38.6	2"
2 1/2"	87.8	73.03	92.3	45	2 1/2"
3"	104.9	88.9	97.9	48.1	3"
4"	132.4	114.3	109.9	57.6	4"
6"	191.2	168.3	135.6	76.7	6"
8"	247.2	219.08	167	102.6	8"
10"	305.9	273.05	198	128	10"
12"	361.5	323.85	231.5	153.5	12"



PART No.: UP8S012

PVC STOP VALVE TYPE I

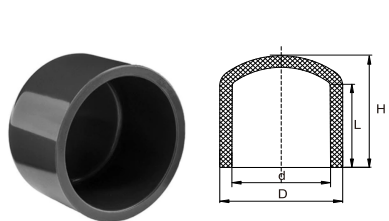
Nom Size	D	d	G	L	H	D1	H1
20X1/2"	29.8	21.34	1/2"	22.7	80	35	30
25X3/4"	36	26.99	3/4"	24	82	42	
32X1"	43.7	33.7	1"	25	93	51.7	39



PART No.: UP8S013

PVC STOP VALVE TYPE II

Nom Size	D	d	G	L	H	D1	H1
20X1/2"	29.8	21.34	1/2"	22.7	80	35	30
25X3/4"	36	26.99	3/4"	24	82	42	
32X1"	43.7	33.7	1"	25	93	51.7	39

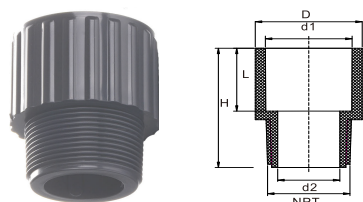


NSF

PART No.: E847

● END PLUG

Size Nom	D	d	L	H
1/2"	29.3	21.34	22.7	39.7
3/4"	35.1	26.67	25.9	33.7
1"	43.1	33.4	29.1	33.8
1 1/4"	52.4	42.16	32.3	43
1 1/2"	59	48.26	35.4	45.8
2"	72	60.33	38.6	51.8
2 1/2"	87.58	73.38	44.95	56.85
3"	93.3	75	49.5	61.5
4"	114.3	92	60.5	73
6"	152.4	125	81.5	98.5

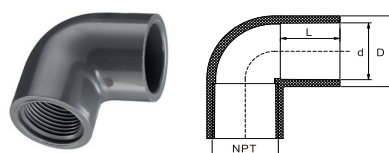


NSF

PART No.: E836

● MALE ADAPTOR

Size Nom	D	d1	d2	NPT	H	L
1/2"	30	21.34	9.4	1/2"	46.5	23.2
3/4"	35.8	26.67	14	3/4"	55.9	25.9
1"	44	33.4	18.8	1"	61	29.1
1 1/4"	53	42.16	26.8	1 1/4"	65.5	32.5
1 1/2"	60	48.26	32.4	1 1/2"	70.9	35.4
2"	73	60.33	43.3	2"	76.7	38.6
2 1/2"	88.2	73.03	51.0	2 1/2"	93.2	44.8
3"	104.9	88.9	66.0	3"	99.0	48.1
4"	132	114.3	89.9	4"	112	57.0
6"	191.2	168.3	138.3	6"	138.5	76.7
8"	247.2	219.08	186	8"	173	102.6
10"	305.9	273.05	235	10"	206	128
12"	361.5	323.85	281	12"	239	153.5

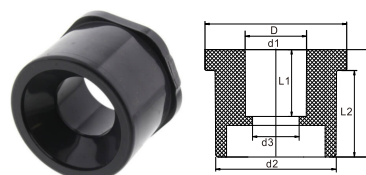


NSF

PART No.: E807

● FEMALE ELBOW

Size Nom	D	d	L	NPT
1/2"	32.5	21.34	22.7	1/2"
3/4"	38.1	26.67	25.9	3/4"
1"	46	33.4	29.1	1"
1 1/4"	55.9	42.16	32.3	1 1/4"
1 1/2"	63.5	48.26	35.4	1 1/2"
2"	76.2	60.33	38.6	2"

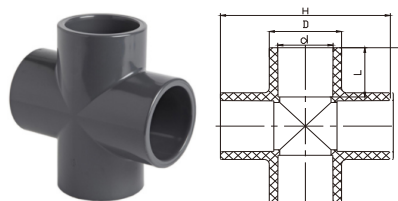


NSF

PART No.: E837

● REDUCING RING

Size Nom	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35	21.34	26.67	14	22.2	26	32.4
1"X1/2"	43	21.34	33.4	14	22.2	29	35.6
1"X3/4"	43	26.67	33.4	18	26	29	35.6
1 1/4"X1/2"	52.4	21.34	42.16	13.5	22.7	31.5	40
1 1/4"X3/4"	52.4	26.67	42.16	17.8	25.9	31.5	40
1 1/4"X1"	52.4	33.4	42.16	24	29.1	31.5	40
1 1/2"X1/2"	59	21.34	48.26	13	22.7	35	43
1 1/2"X3/4"	58.5	26.67	48.26	17.3	25.9	35	43
1 1/2"X1"	59	33.4	48.26	24.3	29.1	35	43
1 1/2"X1 1/4"	59	42.16	48.26	31.2	32.3	35	43
2"X1/2"	72	21.34	60.33	13	22.7	39	49
2"X3/4"	72	33.4	60.33	23.5	29.1	39	49
2"X1"	72	26.67	60.33	18	29.1	38.3	48.6
2"X1 1/4"	72	42.16	60.33	32	32.3	39	49
2"X1 1/2"	72	48.26	60.33	36.2	35.4	38.6	48.6
3"X1 1/2"	104.9	48.26	88.9	42	35.5	47.1	55.1
3"X2"	104.9	60.33	88.9	53.8	38.6	47.1	55.1
3"X2 1/2"	104.9	73.4	88.7	66	45	53.5	61.5
4"X1 1/2"	132.4	48.26	114.3	42	35.5	56.6	65.1
4"X2"	132.4	60.33	114.3	53.8	38.6	56.6	65.1
4"X3"	132.4	88.9	114.3	82	48.1	56.6	65.1
6"X4"	191.2	114.3	168.3	106.1	57.6	76.7	86.7

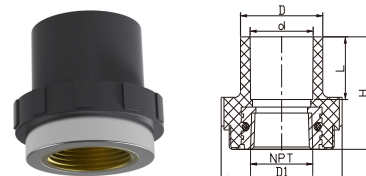


NSF

PART No.: E820

● CROSS TEE

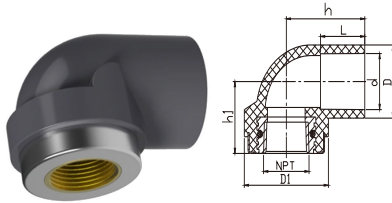
Size Nom	D	d	L	H
1/2"	29.4	21.34	23	71
3/4"	35	26.67	26	82.5
1"	43	33.4	29	97.5
1 1/4"	52	42.16	32	111
1 1/2"	59	48.26	35	124
2"	72	60.33	39	143



PART No.: E835.....BR

● FEMALE ADAPTOR WITH BRASS

Nom Size	D1	D	d	L	NPT	H
1/2"	45.3	29.4	21.34	23	1/2"	40.5
1/2"X3/4"	51.6	29.4	21.34	23	3/4"	43.5
3/4"	51.6	35	26.67	26	3/4"	46.5
3/4"X1/2"	45.3	35	26.67	26	1/2"	44.5
1"	59	43	33.4	29	1"	53.5
1"X3/4"	51.6	43	33.4	29	3/4"	50



PART No.: E806...BR

FEMALE ELBOW WITH BRASS

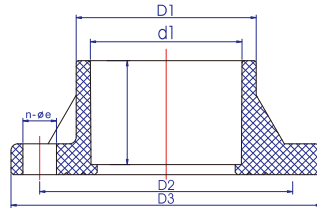
Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	39.4	28
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	38.5	31.5
3/4"	49.2	35	26.67	26	3/4"	45.9	34.5
3/4"X1/2"	42.9	35	26.67	26	1/2"	39.5	30.5
1"	56.7	43.54	34.05	29.08	1"	50	41
1 1/4"	67	52	42.16	32	1 1/4"	60	46.5
1 1/2"	73	59	48.26	35	1 1/2"	66	51
2"	87.6	72	60.33	39	2"	75	61



PART No.: E801...BR

FEMALE TEE WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	28	77
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	31.5	77
3/4"	49.2	35	26.67	26	3/4"	34.5	92
3/4"X1/2"	42.9	35	26.67	26	1/2"	30.5	79
1"	56.7	43.54	34.05	29.08	1"	41	100
1 1/4"	67	52	42.16	32	1 1/4"	46.5	120
1 1/2"	73	59	48.26	35	1 1/2"	51	132
2"	87.6	72	60.33	39	2"	61	150

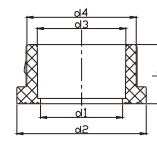
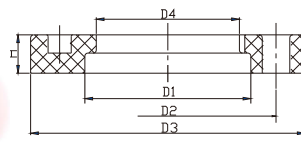


PART NO: E851

- 235PSI MAXIMUM INTERNAL PRESSURE RATING @73° F
- MATERIAL : PVC

TS FLANGE

Nom Size	D1	D2	D3	d1 DIN	d1 ANSI	d1 JIS	d1 BS	I	n-ø e
1/2"	30	60.5	89	20	21.34	22	22	22	4-16
3/4"	34	70.5	98	25	26.67	26	26	23.5	4-16
1"	42.5	79.5	108	32	33.4	32	34	25.5	4-16
1 1/4"	52	89.5	118	40	42.16	38	42	32	4-16
1 1/2"	61.5	98.5	127	50	48.26	48	48	32.5	4-19
2"	76	120.5	151.5	63	60.33	60	60	35.8	4-19
2 1/2"	89.5	139.5	177.3	75	73.03	76	76	41	4-19
3"	107.5	152.5	191	90	88.9	89	89	48.5	4-19
4"	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19
5"	165	210	250	140	141.3	140	140.8	104	8-23
6"	188	240	280	160	168.3	165	168.3	132	8-23
8"	238	296	330	200	219.1	216	219.1	136	12-23
10"									

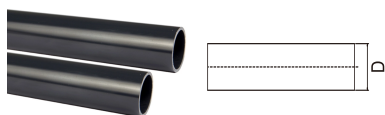


PART NO: E854

- MATERIAL : PVC

VAN STONE FLANGE

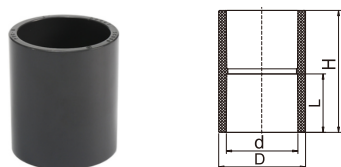
Nom Size	Dimensions									
	d1	d2	d3	d4	h	D1	D2	D3	D4	H
2"	51	91.8	58	74.6	43.5	92.5	120	152.4	77.6	20.5
2 1/2"	68	107.2	73.4	90.6	49	107.6	140	177.6	92.6	24.8
3"	77.2	119.9	89.4	107	54.9	120.6	152.5	191.4	109.4	26.4
4"	102.4	152.5	110.4	131.8	64.8	153	191	229.7	134	28.5
6"	156	206	160.5	189.2	85	207.5	241	284	192.5	32
8"	204.2	260	201	237	119	261	296	342.2	239	36.2
10"	266.3	338	273.8	305.9	135	308	362	407	—	34.5
12"	316.4	394	324.6	361.5	162	363.5	432	484	—	36.5
225mm	200	274	225	247.5	118	126	250	294.5	339	32
250mm	242	327	250	282	133	140	284	350	399.7	34.5
315mm	299	377	315	345	165.5	174	347.5	402.5	450.8	36.5



PART No.: E400

UPVC SCH40 PIPES

Nom Size	Outer Dia	Wall Thickness
1/2"	21.34	2.77
3/4"	26.67	2.87
1"	33.4	3.38
1 1/4"	42.16	3.56
1 1/2"	48.26	3.68
2"	60.33	3.91
2 1/2"	73.03	5.16
3"	88.9	5.49
4"	114.3	6.02
6"	168.3	7.11

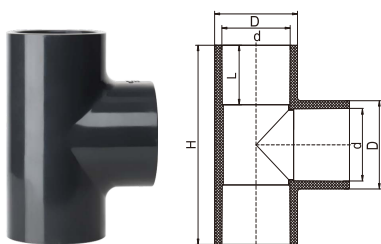


NSF

PART No.: E429

COUPLING UPVC SCH40

Nom Size	D	d	H	L
1/2"	27.5	21.34	40.7	19
3/4"	33.5	26.67	55.1	26
1"	40.9	33.4	57.4	27.5
1 1/4"	50.1	42.16	60.4	29
1 1/2"	56.6	48.26	70.4	34
2"	69	60.33	82.4	40
2 1/2"	84.4	73.03	94.8	45
3"	100.9	88.9	100.8	48
4"	127.3	114.3	112.8	54
6"	183.6	168.3	159.8	76.7

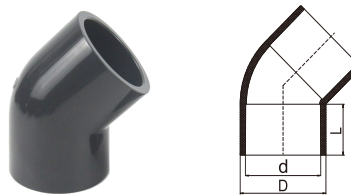


NSF

PART No.: E401

EQUAL TEE UPVC SCH40

Nom Size	D	d	L	H
1/2"	27.9	21.34	19	63.7
3/4"	33.5	26.67	26	83.1
1"	40.8	33.4	27.5	92.1
1 1/4"	50.1	42.16	29	104
1 1/2"	56.6	48.26	34	120
2"	69	60.33	40	143.5
2 1/2"	84.4	73.03	45	168.2
3"	100.9	88.9	48	190
4"	127.3	114.3	54	230.5
6"	183.6	168.3	76.7	332

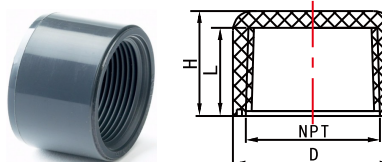


NSF

PART No.: E417

ELBOW 45D UPVC SCH40

Nom Size	D	d	L
1/2"	27.5	21.34	19
3/4"	33.5	26.67	24.1
1"	40.8	33.4	27.5
1 1/4"	50.1	42.16	29
1 1/2"	56.6	48.26	34
2"	69	60.33	40
2 1/2"	84.4	73.03	45
3"	100.9	88.9	48
4"	127.3	114.3	54
6"	183.6	168.3	76.7

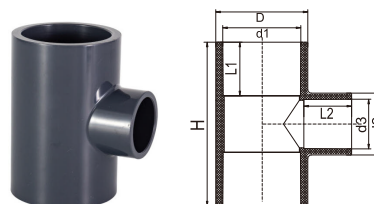


NSF

PART No.: E448

FEMALE THREAD END-CAP UPVC SCH40

Nom Size	D	NPT	L	H
1/2"	27.5	1/2"	19	23
3/4"	33.5	3/4"	21.5	25.8
1"	40.9	1"	26.5	31.7
1 1/4"	50.1	1 1/4"	27.1	32.3
1 1/2"	56.6	1 1/2"	27.6	33.1
2"	69	2"	27.6	33.1

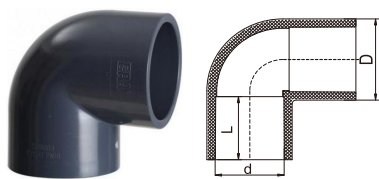


NSF

PART No.: E401

REDUCING TEE UPVC SCH40

Nom Size	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	33.8	26.67	28.0	21.34	26	19	77.8
1"X1/2"	40.9	33.4	27.5	21.34	27.5	19	80.3
1"X3/4"	40.9	33.4	33.5	26.67	27.5	26	86.0
1 1/4"X1/2"	50.1	42.16	27.5	21.34	29	19	83.3
1 1/4"X3/4"	50.1	42.16	33.7	26.67	29	26	88.6
1 1/4"X1"	50.1	42.16	40.9	33.4	29	27.5	95.6
1 1/2"X1/2"	56.6	48.26	27.5	21.34	34	19	93.3
1 1/2"X3/4"	56.6	48.26	33.5	26.67	34	26	99
1 1/2"X1"	56.6	48.26	40.9	33.4	34	27.5	105.1
1 1/2"X1 1/4"	56.6	48.26	50.1	42.16	34	29	114
2"X1/2"	69	60.33	27.5	21.34	40	19	105.3
2"X3/4"	69	60.33	33.5	26.67	40	26	110.6
2"X1"	69	60.33	40.9	33.4	40	27.5	117.5
2"X1 1/4"	69	60.33	50.1	42.16	40	29	125.8
2"X1 1/2"	69	60.33	56.6	48.26	40	34	131.9

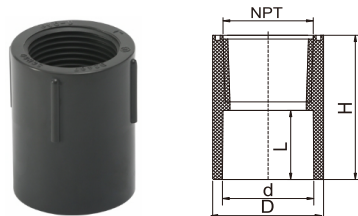


NSF

PART No.: E406

● ELBOW 90D UPVC SCH40

Nom Size	D	d	L
1/2"	27.5	21.34	19
3/4"	33.5	26.67	25.6
1"	40.5	33.4	27.5
1 1/4"	50.1	42.16	29
1 1/2"	56.6	48.26	34
2"	69	60.33	40
2 1/2"	84.4	73.03	45
3"	100.9	88.9	48
4"	127.3	114.3	57.5
6"	183.6	168.3	76.7

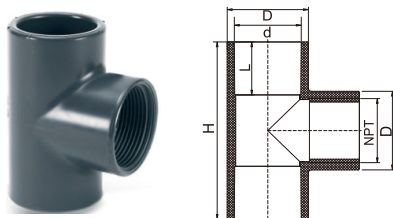


NSF

PART No.: E435

● FEMALE ADAPTOR UPVC SCH40

Nom Size	D	d	H	L	NPT
1/2"	27.5	21.34	40.4	19	1/2"
3/4"	33.5	26.67	49.9	26	3/4"
1"	40.9	33.4	57.4	27.5	1"
1 1/4"	50.1	42.16	60.4	29	1 1/4"
1 1/2"	56.6	48.26	64.4	34	1 1/2"
2"	69	60.33	71.1	40	2"
2 1/2"	84.4	73.03	82.8	45	2 1/2"
3"	100.9	88.9	95.4	48	3"
4"	127.3	114.3	103.3	54	4"
6"	183.6	168.3	131.1	76.7	6"

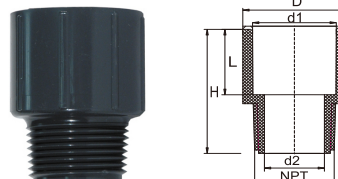


NSF

PART No.: E402

● FEMALE TEE UPVC SCH40

Nom Size	D	d	L	H	NPT
1/2"	27.5	21.34	19	63.3	1/2"
3/4"	33.5	26.67	26	83	3/4"
1"	40.9	33.4	27.5	92.1	1"
1 1/4"	50.1	42.16	29	101.4	1 1/4"
1 1/2"	56.6	48.26	34	117.5	1 1/2"
2"	69	60.33	40	142	2"

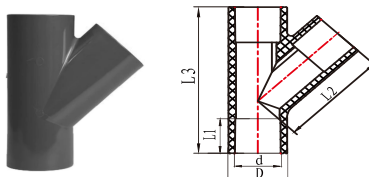


NSF

PART No.: E436

● MALE ADAPTOR UPVC SCH40

Nom Size	D	d1	d2	NPT	H	L
1/2"	27.5	21.34	13	1/2"	40.8	19.7
3/4"	33.4	26.67	18.5	3/4"	43.3	20
1"	41.3	33.4	24	1"	55	29
1 1/4"	50.7	42.16	30.2	1 1/4"	59.9	29.5
1 1/2"	57.2	48.26	35.9	1 1/2"	65.6	34
2"	69.6	60.33	48.6	2"	72.6	40.9
2 1/2"	84.4	73.03	55.5	2 1/2"	82.5	45
3"	100.9	88.9	70.7	3"	94.8	48
4"	127.3	114.3	94.9	4"	103.8	54
6"	183.6	168.3	146.4	6"	131.1	76.7

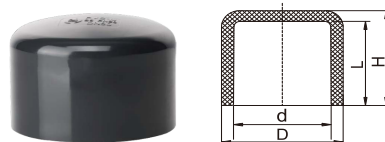


NSF

PART No.: E475

● WYE TEE UPVC SCH40

Nom Size	D	d	L1	L2	L3
1/2"	27.54	21.54	19.5	52.99	81
3/4"	33.47	26.87	26	62.05	94
1"	40.8	133.65	27.5	72.4	114

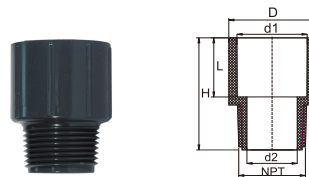


NSF

PART No.: E447

● END-CAP UPVC SCH40

Nom Size	D	d	L	H
1/2"	27.5	21.34	19	22
3/4"	34	26.67	26	30
1"	40.9	33.4	27.5	30.9
1 1/4"	50.1	42.16	29.6	33.4
1 1/2"	56.6	48.26	34	38.6
2"	69	60.33	40.5	44.5
2 1/2"	84.4	73.4	45	51.8
3"	101.3	88.9	49.5	57.2
4"	128	114.3	54	61.6
6"	184.4	168.3	80	89

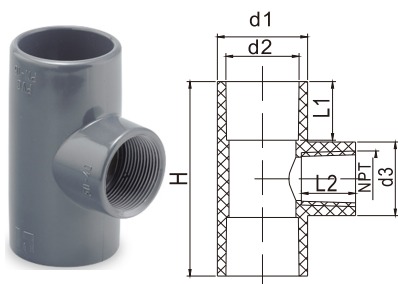


NSF

PART No.: E436

● REDUCING MALE ADAPTOR UPVC SCH40

Nom Size	D	d	d1	NPT	L	H
3/4"X1/2"	33.4	26.85	13	1/2"	20	42.3

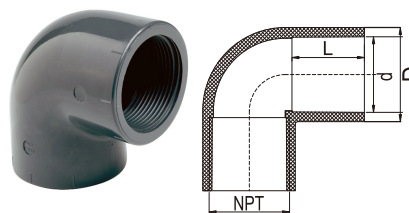


NSF

PART No.: E402

REDUCING FEMALE TEE UPVC SCH40

Nom Size	H	L1	L2	NPT	d1	d2	d3
3/4"X1/2"	74	22.3	20	1/2"	33.3	27	28

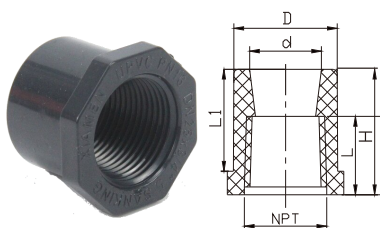


NSF

PART No.: E407

FEMALE ELBOW 90D UPVC SCH40

Nom Size	D	d	L	NPT
1/2"	27.8	21.34	19	1/2"
3/4"	33.8	26.67	26	3/4"
1"	40.9	33.4	27.5	1"
1 1/4"	50.1	42.16	29	1 1/4"
1 1/2"	56.6	48.26	34	1 1/2"
2"	69	60.33	40	2"

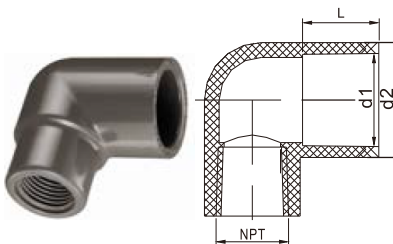


NSF

PART No.: E438

FEMALE REDUCER BUSHING UPVC SCH40

Nom Size	D	d	NPT	H	L	L1
3/4"X1/2"	26.6	18.5	1/2"	32	20	26
1"X1/2"	33.27	26.8	1/2"	34.1	20	27.5
1"X3/4"	33.27	26.8	3/4"	34.1	20	27.5
1 1/2"X1/2"	48	40.1	1/2"	41	20	34
2"X1/2"	60.17	51.77	1/2"	47.5	20	40
2"X3/4"	60.17	51.77	3/4"	47.5	21.5	40
2"X1"	60.17	51.77	1"	47.5	23	40

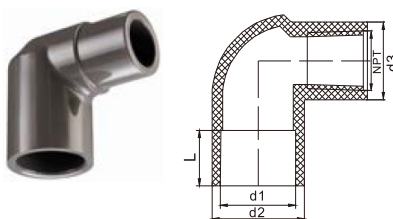


NSF

PART No.: E407

FEMALE ELBOW 90D (SHORT) UPVC SCH40

Nom Size	d1	d2	L	NPT
1/2"	27	33.3	22.3	1/2"

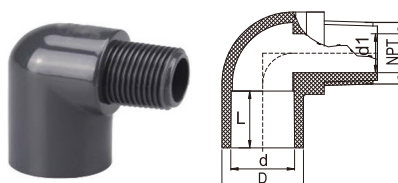


NSF

PART No.: E407

FEMALE ELBOW 90D (LONG) UPVC SCH40

Nom Size	NPT	d1	d2	d3	L
1/2"	1/2"	27.5	33	19.6	27

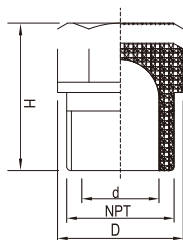


NSF

PART No.: E411

MALE ELBOW 90D UPVC SCH40

Nom Size	D	d	d1	L	NPT
1/2"	27.5	21.34	13	19	1/2"

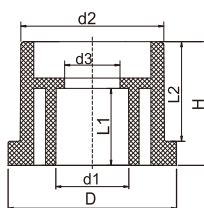


NSF

PART No.: E450

● THREAD PLUG

Nom Size	D	d	NPT	H
1/2"	24	13	1/2"	28
3/4"	31	17.8	3/4"	31
1"	39.2	23	1"	37.5

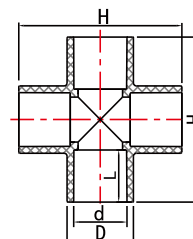


NSF

PART No.: E437

● REDUCING RING

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	31.9	21.34	26.67	18.5	32.6	22.4	26
1"X1/2"	40.3	21.34	33.4	16.3	34.1	22.4	27.2
1"X3/4"	40.8	26.67	33.4	20.6	34.1	25.8	27.5
1 1/4"X1/2"	48.8	21.34	42.16	16.3	36	22.4	28.7
1 1/4"X3/4"	48.9	26.67	42.16	20.6	36	25.8	28.7
1 1/4"X1"	48.9	33.4	42.16	26.9	36	27.5	28.7
1 1/2"X1/2"	55.5	21.34	48.26	16.3	40.8	22.4	33.5
1 1/2"X3/4"	55.5	26.67	48.26	20.6	40.8	25.8	33.5
1 1/2"X1"	55.5	33.4	48.26	26.9	40.8	27	33.4
1 1/2"X1 1/4"	56.6	42.16	48.26	41.0	41	29	34
2"X1/2"	68.4	21.34	60.33	16.3	47.4	22	39.6
2"X3/4"	68.4	26.67	60.33	20.6	47.4	25.8	39.6
2"X1"	68.4	33.4	60.33	27.3	47.4	27	39.6
2"X1 1/4"	68.4	42.16	60.33	35.1	47.4	29	39.6
2"X1 1/2"	68.4	48.26	60.33	47	47.5	34	39.6
3"X1 1/2"	108.6	48.26	88.9	43	58	34	50
3"X2"	104	60.33	88.9	55	58	40	50
4"X2"	138	60.33	114.3	55	54	40	45
6"X4"	199	114.3	168.3	108	80	54	69

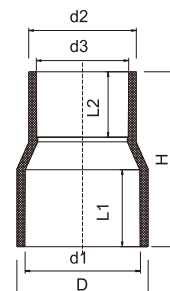


NSF

PART No.: E420

● CROSS

Nom Size	D	d	L	H
1/2"	27.5	21.34	18.6	62
3/4"	33.5	26.67	26	82.2
1"	40.9	33.4	27.5	93.5
1 1/4"	50.1	42.16	29	104.8
1 1/2"	56.6	48.26	34	120.9
2"	69	60.33	40	146.92



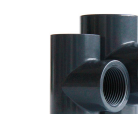
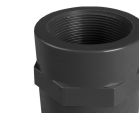
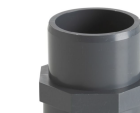
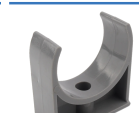
NSF

PART No.: E429

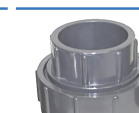
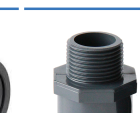
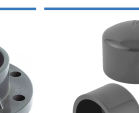
● REDUCING COUPLING

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	33.5	26.67	27.5	21.34	53.9	26	18.5
1"X1/2"	40.9	33.4	27.5	21.34	53.7	27.5	19
1"X3/4"	40.9	33.4	33.5	26.67	63.9	27.5	25.3
1 1/4"X3/4"	50.1	42.16	33.5	26.67	64.4	29	26
1 1/4"X1"	50.1	42.16	40.9	33.4	67.4	29	27.5
1 1/2"X1/2"	56.6	48.26	27.5	21.34	65.4	34	19
1 1/2"X3/4"	56.6	48.26	33.5	26.67	72.4	34	26
1 1/2"X1"	56.6	48.26	40.9	33.4	73.9	34	27.5
1 1/2"X1 1/4"	56.6	48.26	50.1	42.16	74.4	34	29
2"X3/4"	69	60.33	33.5	26.67	82.9	40	26
2"X1"	69	60.33	40.9	33.4	84.4	40	27.5
2"X1 1/4"	69	60.33	50.1	42.16	85.9	40	29
2"X1 1/2"	69	60.33	56.6	48.26	90.9	40	34

(DIN PN16) UPVC PIPE & FITTINGS FOR INDUSTRY

								
Ông UPVC PN16	Cút UPVC PN16	Cút Ren Trong PN16	Cút Thu PN16	Chếch UPVC PN16	Tê Đầu UPVC PN16	Tê Thu UPVC PN16	Tê Ren Trong PN16	Màng Sóng UPVC PN16
UPVC Pipe PN16	UPVC Elbow PN16	Female Elbow PN16	Reducing Elbow PN16	Elbow 45D PN16	Equal Tee PN16	Reducing Tee PN16	Female Tee PN16	Coupling PN16
d20-110	d20-180	d20x1/2"~d100x4"	d25x20	d20-180	d20-180	d25x20~d160x110	d20x1/2"~d100x4"	d20-180
								
Côn Thu PN16	Bạc Giảm PN16	Bạc Ren Trong	Nối Ren Trong	Nối Ren Trong M/F	Ren Trong - Spigot	Nối Ren Trong - M/F	Nối Ren Ngoài	Nối Ren Ngoài - T3
Reducer PN16	Reducer Bushing PN16	Female Bushing	Female Adaptor	Female Adaptor M/F	Female - Spigot	Female Adaptor - M/F	Male Adaptor	Male Adaptor - T3
d25x20~d160x110	d25x20~d160x110	d25x1/2"~d63x1-1/2"	d20x1/2"~d110x4"	d25/20x1/2"	d20x1/2"~d63x2"	d25/20x1/2"~d40/32x1"	d20x1/2"~d110x4"	d20x1/2"~d25x3/4"
								
Côn Thu M/F PN16	Nút Bịt Dán Keo PN16	Nút Bịt Ren Trong	Đại Kẹp Ông DIN T	Đại Kẹp Ông DIN C	Đại Kẹp Ông DIN P	Đại Treo Ông DIN		
Reducer UPVC M/F	End Cap PN16	Female End Cap	Pipe DIN Clamp T	Pipe DIN Clamp C	PP Pipe Clamp DIN	Pipe Clamp DIN		
d63/50x32	1/2"~14"	1/2"~4"	d20~d63	d20~d63	d25~d63	d20~d63		

(DIN PN10) UPVC PIPE & FITTINGS

								
Ông UPVC DIN PN10	Cút UPVC DIN PN10	Chếch DIN PN10	Cút Thu DIN PN10	Tê Đầu DIN PN10	Tê Thu DIN PN10	Tê Ren Trong PN10	Tê Thu Ren Trong	Tê 45D DIN PN10
UPVC DIN Pipe PN10	Elbow DIN PN10	Elbow 45D DIN PN10	Red. Elbow PN10	Equal Tee DIN PN10	Red. Tee DIN PN10	Female Tee PN10	Re. Female Tee	Y-Tee DIN PN10
d40-400	d20-d400	d20-d400	d25x20	d20-d400	d25x20~d400x315	d20x1/2"~d110x4"	d63x3/4"	d110
								
Màng Sóng DIN PN10	Côn Thu DIN PN10	Bạc Giảm DIN PN10	Rắc Co DIN PN10	Nối Ren Trong PN10	Nối Ren Ngoài PN10	Bích Rời DIN	Bích Liên DIN	Nút bịt gắn keo DIN
Coupling DIN PN10	Reducer DIN PN10	Red. Bushing PN10	Union DIN PN10	Female Adaptor PN10	Male Adaptor PN10	Van Stone Flange	TS Flange DIN	End Cap DIN
d20-d400	d25x20~d400x355	d25x20~d400x315	d20~d100	d20x1/2"~d100x4"	d20x1/2"~d100x4"	d63~d315	d20-110	d20-400
								
Tê Ren Đồng DIN	Nối Ren Trong Đồng	Cút Ren Trong Đồng	Nút Bịt Ren Ngoài	Đầu Nối Ông Mềm	Đầu nối lắp ren	Đại Khởi Thủy DIN	Hai Đầu Ren Ngoài	Đầu Nối Bồn Bể
Female Copper Tee	Fem. Copper Adaptor	Fem. Copper Adaptor	Male End Cap	Hose Connector	Male Hose Connector	UPVC Clamp Saddle	UPVC Nipple	UPVCTank Connector
d20x1/2"~d32x1"	d20x1/2"~d32x1"	d20x1/2"~d32x1"	d20-32	d20-50	d20/22x1/2"~d60/64x2"	d50~d400	1/2"~4"	d32/40x11/4"~d63/75x2-1/2"

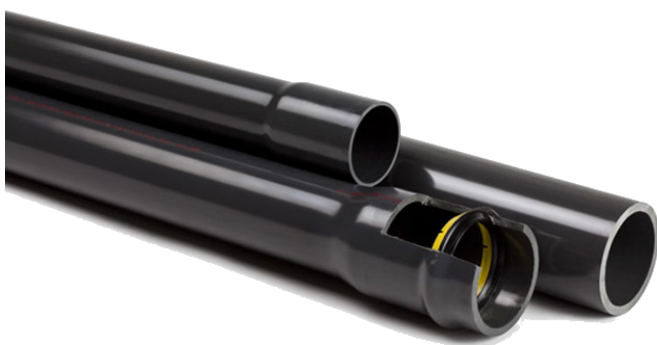


Material: PVC-U, Polyvinylchloride unplasticised DIN 8061

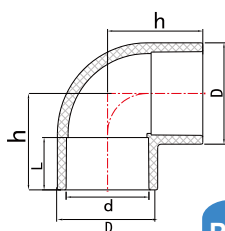
Dimension: DIN EN ISO 15493, 1452, DIN 8062/DIN 8063

GB/T 4219.1-2008

Connection: Plain End, Threaded End, Bell End, Gasket End



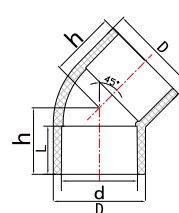
OD (Outer Diameter)	S series, SDR and PN			
	S10	S6.3	S5	S4
	SDR21	SDR13.6	SDR11	SDR9
d	PN10	PN16	PN20	PN25
20	-	2.0	2.0	2.3
25	-	2.0	2.3	2.8
32	-	2.4	2.9	3.6
40	2.0	3.0	3.7	4.5
50	2.4	3.7	4.6	5.6
63	3.0	4.7	5.8	7.1
75	3.6	5.6	6.9	8.4
90	4.3	6.7	8.2	10.1
110	4.2	6.6	8.1	10.0
125	4.8	7.4	9.2	11.4
140	5.4	8.3	10.3	12.7
160	6.2	9.5	11.8	14.6
180	6.9	10.7	13.3	16.4
200	7.7	11.9	14.7	18.2
225	8.6	13.4	16.6	-
250	9.6	14.8	18.4	-
280	10.7	16.6	20.6	-
315	12.1	18.7	23.2	-
355	13.6	21.1	26.1	-
400	15.3	23.7	29.4	-
450	17.2	-	-	-
500	19.1	-	-	-
560	21.4	-	-	-
630	24.1	-	-	-
710	27.2	-	-	-
800	30.6	-	-	-



Part No.: US6E02

90° ELBOW

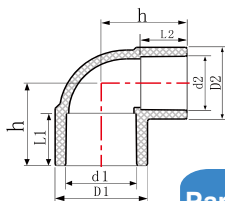
Size	D	d	L	h
20	27	20	16.5	28
25	33	25	19.5	33.5
32	41.3	32	22.5	40
40	50.4	40	26.5	48
50	61	50	31.5	58
63	75.9	63	38.5	72
75	89.8	75	44.5	84
90	107.8	90	51.5	99
110	131	110	61.5	119
125	148.1	125.6	69	134.5
140	140.7	165.3	76.5	149.5
160	188	160	86.5	169.5



Part No.: US6E01

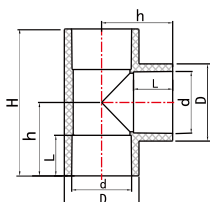
45° ELBOW

Size	D	d	L	h
20	27	20	16.5	21.5
25	33	25	19.5	25.5
32	41.3	32	22.5	30
40	50.4	40	26.5	36
50	61	50	31.5	43.5
63	75.9	63	38.5	53.5
75	89.8	75	44.5	62
90	107.8	90	51.5	72.5
110	131	110	61.5	87.5
125	148.1	125.6	69	98
140	165.3	140.7	76.5	108.5
160	188	160	86.5	123


Part No.: US6E07

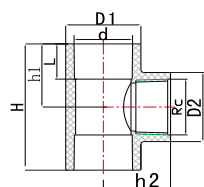
REDUCING ELBOW

Size	D1	d1	L1	D2	d2	L2	h
25x20	33	25	19.5	27	20	16.5	30.5


Part No.: US6T01

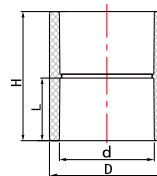
TEE

Size	D	d	L	H	h
20	27	20	16.5	56	28
25	33	25	19.5	67	33.5
32	41.3	32	22.5	80	40
40	50.4	40	26.5	96	48
50	61	50	31.5	117	58
63	75.9	63	38.5	144	72
75	89.8	75	44.5	168	84
90	107.8	90	51.5	197	98.5
110	131	110	61.5	237	118.5
125	148.1	125.6	69		134.5
	140.7	165.3	76.5		149.5
	188	160	86.5	337	168.5


Part No.: US6T03

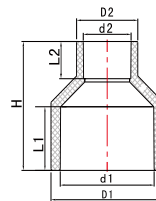
FEMALE TEE

Size	D1	D2	d	L	h1	h2	H	Rc
20X1/2"	28.6	28.6	20	16.5	27.5	29	55	1/2"
25X1/2"	33	28.6	25	19.5	30.5	31.5	61	1/2"
25X3/4"	34.2	34.2	25	19.5	33	33.5	66	3/4"
32X1/2"	41.3	29.6	32	22.5	34	35	68	1/2"
32X3/4"	41.3	35	32	22.5	36.5	36.5	73	3/4"
32X1"	42.3	42.3	32	22.5	40	40	80	1"
40X1 1/4"	52.4	52.4	40	26.5	47.5	46.5	95	1 1/4"
50X1/2"	61	27.7	50.4	31.5	42.5	44.8	85	1/2"
50X1 1/2"	61	61	50	31.5	55.5	51.5	111	1 1/2"
63X1/2"	75.9	27.7	63.4	38.5	49.5	52.3	99	1/2"
63x3/4"	75.9	34.2	63.4	38.5	52.5	53.8	105	3/4"
63X2"	75.9	75.9	63	38.5	68.5	62	137	2"
75X2 1/2"	89.8	89.8	75	44.5	83	73.5	166	2 1/2"
90X3"	107.8	107.8	90	51.5	96.5	84	193	3"
110X4"	135.5	135.5	110	61.5	119	100	238	4"


Part No.: US6003

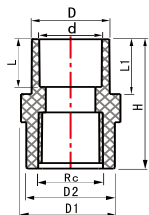
COUPLING

Size	D	d	L	H
20	27	20	16.5	35
25	33	25	19.5	41
32	41.3	32	22.5	47
40	50.4	40	26.5	55
50	61	50	31.5	65
63	75.9	63	38.5	80
75	89.8	75	44.5	92
90	107.8	90	51.5	107
110	131	110	61.5	128
160	188	160	86.5	180


Part No.: US6004

REDUCING COUPLING

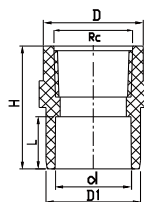
Nom Size	D1	d1	L1	D2	d2	L2	H
25x20	33	25	19.5	27	20	16.5	43
32x20	41.3	32	22.5	27	20	16.5	48
32x25	41.3	32	22.5	33	25	19.5	50
40x20	50.4	40	26.5	27	20	16.5	52
40x25	50.4	40	26.5	33	25	19.5	56
40x32	50.4	40	26.5	41.3	32	22.5	59
50x20	61	50	31.5	27	20	16.5	62
50x25	61	50	31.5	33	25	19.5	65
50x32	61	50	31.5	41.3	32	22.5	67
50x40	61	50	31.5	50.4	40	26.5	72
63x25	75.9	63	38.5	33	25	19.5	75
63x32	75.9	63	38.5	41.3	32	22.5	78
63x40	75.9	63	38.5	50.4	40	26.5	82
63x50	75.9	63	38.5	61	50	31.5	87
75x40	89.8	75	44.5	50.4	40	26.5	90
75x50	89.8	75	44.5	61	50	31.5	96
75x63	89.8	75	44.5	75.9	63	38.5	101
90x40	107.8	90	51.5	50.4	40	26.5	105
90x50	107.8	90	51.5	61	50	31.5	108
90x63	107.8	90	51.5	75.9	63	38.5	115
90x75	107.8	90	51.5	89.8	75	44.5	118
110x63	131	110	61.5	75.9	63	38.5	130
110x75	131	110	61.5	89.8	75	44.5	134
110x90	131	110	61.5	107.8	90	51.5	139
160x110	188	160	86.5	131	110	61.5	190



Part No.: USF002

FEMALE ADAPTOR M/F

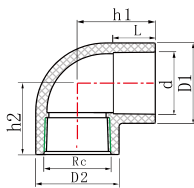
Size	D1	D2	D	d	L	L1	H	Rc
25X20X1/2"	32	28.5	25	20	17	19.5	46	1/2"



Part No.: US6021

FEMALE ADAPTOR M/F

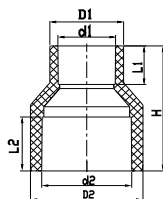
Nom Size	D	D1	d	L	H	Rc
25X20X3/4"	31.8	24.9	20.2	17	43	3/4"
32X25X3/4"	31.8	31.5	25.6	19.5	43	3/4"
40X32X1"	42.3	40	32.3	22.5	53	1"



Part No.: US6E03

FEMALE ELBOW

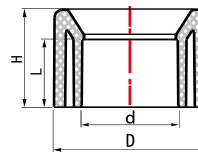
Nom Size	D1	D2	d	L	h1	h2	Rc
20X1/2"	28.6	28.6	20	16.5	28	28.5	1/2"
25X1/2"	33	28.6	25	19.5	31.5	31.5	1/2"
25X3/4"	35.1	35.1	25	19.5	34	33	3/4"
32X1/2"	41.3	29.6	32	22.5	34.5	35	1/2"
32X3/4"	41.3	35	32	22.5	37	36.5	3/4"
32X1"	44.3	44.3	32	22.5	40	40.5	1"
40X1 1/4"	52.4	52.4	40	26.5	49	46.5	1 1/4"
50X1 1/2"	61	61	50	31.5	56.5	52	1 1/2"
63X2"	75.9	75.9	63	38.5	69	63	2"
75X2 1/2"	89.8	89.8	75	44.5	83	74.5	2 1/2"
90X3"	107.8	107.8	90	51.5	96.5	84	3"
110X4"	135.5	135.5	110	61.5	119	105.5	4"



Part No.: US6020

REDUCING COUPLING M/F

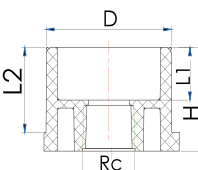
Nom Size	D1	d1	L1	D2	d2	L2	H
63x50x32	41.3	32.3	22.5	62	50.4	31.5	73



Part No.: US6005

REDUCING RING

Nom Size	D	d	L	H
25x20	25	20	16.5	19.5
32x20	32	20	16.5	22.5
32x25	32	25	19.5	22.5
40x20	40	20	16.5	26.5
40x25	40	25	19.5	26.5
40x32	40	32	22.5	26.5
50x20	50	20	16.5	31.5
50x25	50	25	19.5	31.5
50x32	50	32	22.5	31.5
50x40	50	40	26.5	31.5
63x25	63	25	19.5	38.5
63x32	63	32	22.5	38.5
63x40	63	40	26.5	38.5
63x50	63	50	31.5	38.5
75x50	75	50	31.5	44.5
75x63	75	63	38.5	44.5
90x50	90	50	31.5	51.5
90x63	90	63	38.5	51.5
90x75	90	75	44.5	51.5
110x63	110	63	38.5	61.5
110x75	110	75	44.5	61.5
110x90	110	90	51.5	61.5
160x90	160	90	51.5	86.5
160x110	160	110	61.5	86.5



Part No.: US6022

FEMALE REDUCING RING

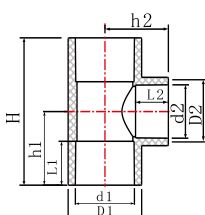
Nom Size	Rc	D	H	L1	L2
25X1/2"	1/2"	24.9	23.5	4.5	19.5
32X1/2"	1/2"	31.9	27.5	8.5	22.5
32X3/4"	3/4"	31.9	27.5	6.5	22.5
40X1"	1"	39.9	32.5	7.7	26.5
50X1/2"	1/2"	49.9	38.5	19.5	31.5
50X1 1/4"	1 1/2"	49.9	38.5	11.15	31.5
63X1 1/2"	1 1/2"	62.9	45.5	26.5	38.5



Part No.: US6023

REDUCING RING MF

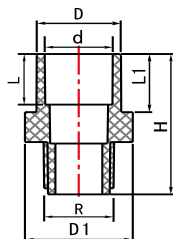
Size Nom	D	D1	D2	D3	H	L	L1	L2
3/4" X1/4"	30	1/4"	18.4	1/4"	16	12	26	30
1/2" X1/4"	24	1/4"	13.4	1/4"	14	12	24	24



Part No.: US6T02

REDUCING TEE

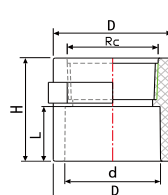
Nom Size	D1	d1	L1	h1	D2	d2	L2	h2	H
25x20	33	25	19.5	31	27	20	16.5	30.5	62
32x20	41.3	32	22.5	34	27	20	16.5	34	68
32x25	41.3	32	22.5	36.5	33	25	19.5	37	73
40x20	50.4	40	26.5	38	27	20	16.5	38	76
40x25	50.4	40	26.5	40.5	33	25	19.5	40.5	81
40x32	50.4	40	26.5	44.5	41.3	32	22.5	43.5	89
50x20	61	50	31.5	43.5	27	20	16.5	42.5	87
50x25	61	50	31.5	46	33	25	19.5	45.5	92
50x32	61	50	31.5	49.5	41.3	32	22.5	48.5	99
50x40	61	50	31.5	53.5	50.4	40	26.5	52.5	107
63x25	75.9	63	38.5	53.5	33	25	19.5	52	107
63x32	75.9	63	38.5	57	41.3	32	22.5	55	114
63x40	75.9	63	38.5	61	50.4	40	26.5	59	122
63x50	75.9	63	38.5	66	61	50	31.5	64	132
75x40	89.8	75	44.5	67	50.4	40	26.5	65	134
75x50	89.8	75	44.5	72	61	50	31.5	70	144
75x63	89.8	75	44.5	78.5	75.9	63	38.5	77	157
90x40	107.8	90	51.5	74	50.4	40	26.5	72.5	148
90x63	107.8	90	51.5	85.5	75.9	63	38.5	84.5	171
90x75	107.8	90	51.5	91.5	89.8	75	44.5	90.5	183
110x63	131	110	61.5	95.5	75.9	63	38.5	95	191
110x75	131	110	61.5	101.5	89.8	75	44.5	101	203
110x90	131	110	61.5	109	107.8	90	51.5	108	218
160x110	188	160	86.5	144	131	110	61.5	143	288



Part No.: US6019

MALE ADAPTOR M/F

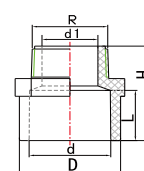
Size Nom	D	d	L	L1	H	Rc
25X20X1/2"	25	20	17	19.5	46	1/2"
20X25X3/4"	25	20.3	17	16.5	43.5	3/4"
25X32X1/2"	25.3	22	27	14	48	1/2"
25X32X3/4"	25.3	22	27	18.5	50	3/4"
25X32X1"	32	25.3	19.5	18	50	1"
32X40X1 1/4"	40	32.3	22.5	20.5	56.5	1 1/4"
40X32X1"	40	32	32.50	26.50	57	1"
50X40X1"	50	40	26.5	22	65.5	1"
40X50X11/2"	50	40.4	26.5	22	65.5	1 1/2"
50X40X1 1/4"	40.4	30	31.5	26.5	65.5	1 1/4"
63X50X1 1/2"	63	50	45	38	72	1 1/2"
63X50X2"	63	50	45	38	78	2"
75X63X2"	75	63	51.50	44	85	2"
75X63X2 1/2"	75	63.4	57.7	38.5	85	2 1/2"
75X90X3"	90	75.5	54	33	100	3"
90X75X2"	90	75	57	51.50	93.50	2"
110X90X3"	110	90	69.50	61.50	112.50	3"
110X125X3"	125	110.6	61.5	33	118	3"
125X110X4"	125	110.6	88.69	61.5	125	1"



Part No.: US6011

FEMALE ADAPTOR

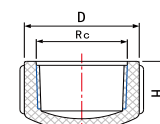
Nom Size	D	d	L	H	Rc
20X1/2"	28.6	20	16.5	35.5	1/2"
25X3/4"	34	25	19.5	40	3/4"
32X1"	42.3	32	22.5	46.6	1"
40X1 1/4"	51.4	40	26.5	54.5	1 1/4"
50X1 1/2"	62.5	50	31.5	59.5	1 1/2"
63X2"	77.4	63	38.5	71.5	2"
75X2 1/2"	91.3	75	44.5	80.5	2 1/2"
90X3"	109.8	90	51.5	90.5	3"
110X4"	133	110	61.5	107	4"



Part No.: US6012

MALE ADAPTOR

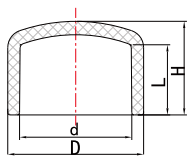
Nom Size	D	d	d1	L	H	R
20X1/2"	28.6	20	12	16.5	38.5	1/2"
20X3/4"	28.5	20.3	17	18	40	3/4"
25X3/4"	34	25	17	19.5	44	3/4"
25X1"	34	25.8	22	21.5	47.5	1"
32X1 1/4"	42.3	32.3	29	25	54.5	1 1/4"
32X1"	42.3	32	22	22.5	52.5	1"
40X1 1/4"	51.4	40	30	26.5	58	1 1/4"
40X1 1/2"	51.4	40.4	34.5	28	58	1 1/2"
50X1 1/2"	62.5	50	34.5	31.5	64	1 1/2"
50X2"	62.5	50.4	44.4	34	68	2"
63X2"	77.4	63	44.4	38.5	74	2"
75X2 1/2"	91.3	75	57.7	44.5	83.5	2 1/2"
90X3"	109.8	90	66.7	51.5	98.5	3"
110X4"	133	110	88.7	61.5	116.5	4"



Part No.: US6017

FEMALE CAP

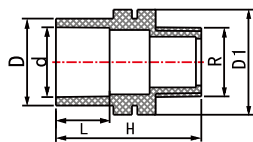
Nom Size	D	H	Rc
20X1/2"	28.6	24	1/2"
25X3/4"	35.2	26	3/4"
32X1"	43.3	32	1"
40X1 1/4"	53	35	1 1/4"
50X1 1/2"	59.4	36.2	1 1/2"
63X2"	73	42.6	2"
75x2 1/2"	89.8	56	2 1/2"
90x3"	107.8	64	3"
110x4"	133.5	73	4"



Part No.: US6016

● END CAP

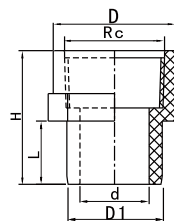
Size	D	d	L	H
20	27	20	16.5	21.5
25	33	25	19.5	26
32	41.3	32	22.5	31
40	50.4	40	26.5	36
50	61	50	31.5	42
63	75.9	63	38.5	51
75	89.8	75	44.5	59
90	107.8	90	51.5	68
110	131	110	61.5	81.5



Part No.: USM002

● MALE ADAPTOR III

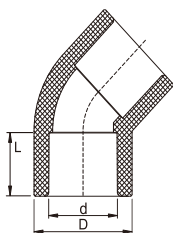
Size	D	D1	d	L	H	Rc
20X1/2"	25	29.5	20	16	49	1/2"
25X3/4"	31.8	38.3	25	19.5	53	3/4"



Part No.: US6018

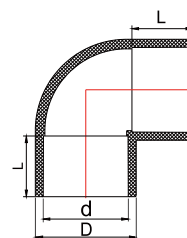
● FEMALE ADAPTOR SPIGOT X FIPT

Size	D	D1	d	L	H	Rc
20X1/2"	28.5	20	11.8	16.5	37.6	1/2"
20X3/4"	34	20	11.8	16.5	39.4	3/4"
25X1/2"	28.5	25	16.3	19.5	40.6	1/2"
25X3/4"	34	25	16.3	19.5	42.4	3/4"
25X1"	42.3	25	16.3	19.5	46.5	1"
32X3/4"	34	32	22	22.5	42	3/4"
32X1"	42.3	32	22	22.5	49.5	1"
40X1"	42.3	40	29	26.5	52	1"
40X1 1/4"	51.4	40	29	26.5	56	1 1/4"
40X1 1/2"	62.5	40	29	26.5	56	1 1/2"
50X1 1/4"	51.4	50	37.9	31.5	57.5	1 1/4"
50X1 1/2"	62.5	50	37.9	31.5	61	1 1/2"
50X2"	77.4	50	37.9	31.5	66	2"
63X1 1/2"	62.5	63	49	38.5	68	1 1/2"
63X2"	77.4	63	49	38.5	73	2"


45° ELBOW

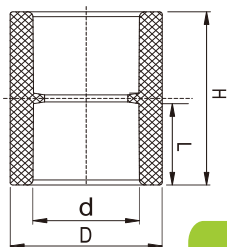
Part No.: USE01

Size	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	106
250	274.6	250	119
280	306	280	147
315	343	315	164
355	385	355	184
400	431	400	206


90° ELBOW

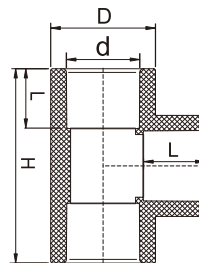
Part No.: USE02

Size	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	119
250	274.6	250	131
280	306	280	147
315	343	315	164
355	385	355	184
400	431	400	206


COUPLING

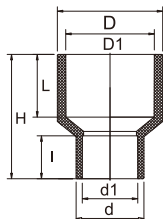
Part No.: US003

Size	D	d	L	H
20	25	20	17	36
25	30.8	25	19.5	41
32	38.3	32	23	48
40	47.9	40	28.5	60
50	58.3	50	33.5	70
63	72.9	63	40	83
75	87.6	75	44	90
90	105.4	90	51	106
110	126.4	110	61	126
125	142.4	125	69	144
140	159	140	76.5	161
160	180.6	160	86	180
180	196.6	180	96	198
200	225.6	200	107	222
225	245	225	119	252
250	274.6	250	131	269
280	306	280	147	304
315	343	315	164	344
355	385	355	184	378
400	431	400	206	419


STRAIGHT TEE

Part No.: UST01

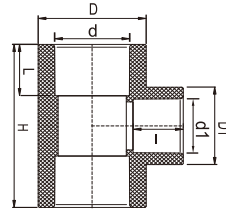
Size	D	d	L	H
20	31.2	20	17	57
25	30.8	25	19.5	67
32	38.3	32	23	81
40	47.9	40	28.5	102
50	58.3	50	33.5	123
63	72.9	63	40	148
75	87.6	75	44	166
90	105.4	90	51	196
110	126.4	110	61	236.4
125	142.4	125	69	268
140	159	140	76.5	298
160	180.6	160	86	338
180	196.6	180	96	377
200	225.6	200	107	434
225	245	225	119	468
250	274.6	250	131	518
280	306	280	147	592
315	343	315	164	651
355	385	355	184	739
400	431	400	186	792



Part No.: US004

● REDUCING COUPLING

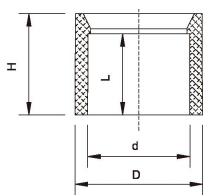
Size	D	D1	L	d	d1	I	H
25X20	30.8	25	19.5	25	20	17	43
32X20	38.3	32	23	25	20	17	48
32X25	38.3	32	23	30.8	25	19.5	50.5
40X20	47.9	40	28.5	25	20	17	54.5
40X25	47.9	40	28.5	30.8	25	19.5	56.5
40X32	47.9	40	28.5	38.3	32	23	60
50X20	58.3	50	33.5	25	20	17	62
50X25	58.3	50	33.5	30.8	25	19.5	63.8
50X32	58.3	50	33.5	38.3	32	23	68
50X40	58.3	50	33.5	47.9	40	28.5	72
63X25	72.9	63	40	30.8	25	19.5	75
63X32	72.9	63	40	38.3	32	23	79
63X40	72.9	63	40	47.9	40	28.5	83
63X50	72.9	63	40	58.3	50	33.5	88
75X32	82.4	75	44	37.6	32	22	95
75X40	87.6	75	44	47.9	40	28.5	91.5
75X50	87.6	75	44	58.3	50	33.5	96
75X63	87.6	75	44	72.9	63	40	101
90X40	105.4	90	51	47.9	40	28.5	103
90X50	105.4	90	51	58.3	50	33.5	106.5
90X63	105.4	90	51	72.9	63	40	114
90X75	105.4	90	51	87.6	75.4	44	119.5
110X63	126.4	110	61.5	72.9	63.3	40	129
110X75	126.4	110	61.5	87.6	75.4	44	133
110X90	126.4	110	61	105.4	90	51	139
125X75	136	125	70	82.4	75	44	144
125X90	136	125	70	98.8	90	51	145
125X110	136	125	70	120	110	61	148
140X90	152.4	140	76	98.8	90	51	159
140X110	152.4	140	76	120	110	61	162
160X90	174	160	86	98.8	90	51	179
160X110	180.6	160	86.5	126.4	110	61	190
160X125	174	160	86	136	125	70	180
160X140	174	160	86	152.4	140	76	182
180X160	196.6	180	96	174	160	86	198
200X110	217.6	200	106	120	110	61	220
200X160	225.6	200	107	180.6	160	86.5	238.5
200X180	217.6	200	106	196.6	180	96	219
225X110	245	225	120	120	110	61	221
225X160	245	225	120	174	160	86	234
225X200	245	225	119	217.6	200	106	243
250X110	274.6	250	131	120	110	61	271
250X160	274.6	250	131	174	160	86	271
250X200	274.6	250	131	217.6	200	106	271
250X225	274.6	250	131	245	225	119	270
280X250	306	280	147	274.6	250	132	301
315X110	343	315	164.5	120	110	61	336
315X160	343	315	164.5	174	160	86	336
315X200	343	315	164.5	217.6	200	106	336
315X250	343	315	164.5	274.6	250	131	336
315X280	343	315	164.5	306	280	147	338
355X200	385	355	184	217.6	200	106	379
355X315	385	355	184	343	315	164	380
400X200	431	400	206	217.6	200	106	422
400X250	431	400	206	274.6	250	131	422
400X315	431	400	206	343	315	164	422
400X355	431	400	206	385	355	184	420



Part No.: UST02

● REDUCING TEE

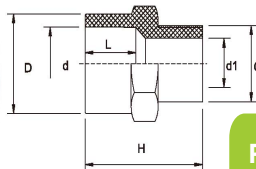
Size	D	d	L	D1	d1	I	H
25X20	30.8	25	19.5	25	20	17	64
32X20	38.3	32	23	25	20	17	69
32X25	38.3	32	23	30.8	25	19.5	79
40X20	47.9	40	28.5	25	20	17	82
40X25	47.9	40	28.5	30.8	25	19.5	90
40X32	47.9	40	28.5	38.3	32	23	92
50X20	58.3	50	33.5	25	20	17	91
50X25	58.3	50	33.5	30.8	25	19.5	98
50X32	58.3	50	33.5	38.3	32	23	105
50X40	58.3	50	33.5	47.9	40	28.5	110
63X25	72.9	63	40	30.8	25	19.5	110
63X32	72.9	63	40	38.3	32	23	118
63X40	72.9	63	40	47.9	40	28.5	125
63X50	72.9	63	40	58.3	50	33.5	140
75X32	82.4	75	44	37.6	32	22	126
75X40	87.6	75	44	47.9	40	28.5	137
75X50	87.6	75	44	58.3	50	33.5	143
75X63	87.6	75	44	72.9	63	40	156
90X40	105.4	90	51	47.9	40	28.5	151
90X50	105.4	90	51	58.3	50	33.5	159
90X63	105.4	90	51	72.9	63	40	172
90X75	105.4	90	51	87.6	75	44	186
110X63	126.4	110	61	72.9	63	40	190.2
110X75	126.4	110	61	87.6	75	44	206
110X90	126.4	110	61	105.4	90	51	221
125X75	136	125	70	82.4	75	44	237
125X90	136	125	70	98.8	90	51	237
125X110	136	125	70	120	110	61	256
140X90	152.4	140	76	98.8	90	51	248
140X110	152.4	140	76	120	110	61	268.5
160X75	174	160	86	82.4	75	44	251
160X90	174	160	86	98.8	90	51	267.5
160X110	180.6	160	86.5	126.4	110	61	288
160X125	174	160	86	136	125	70	303
160X140	174	160	86	152.4	140	76	318.5
180X160	196.6	180	96	174	160	86	357
200X75	217.6	200	106	82.4	75	44	291
200X90	217.6	200	106	98.8	90	51	331
200X110	217.6	200	106	120	110	61	331
200X160	225.6	200	107	180.6	160	86.5	394.6
225X110	245	225	119	120	110	61	359.5
225X160	245	225	119	174	160	86	406.5
250X110	274.6	250	131	120	110	61	378
250X160	274.6	250	131	174	160	86	428.5
250X200	274.6	250	131	217.6	200	106	468.5
280X200	306	280	147	217.6	200	106	512
315X110	343	315	164	120	110	61	447.5
315X160	343	315	164	174	160	86	497.5
315X200	343	315	164	217.6	200	106	537
315X225	343	315	164	245	225	119	537
315X250	343	315	164	274.6	250	131	587
355X110	385	355	184	120	110	61	558
355X160	385	355	184	174	160	86	558
355X200	385	355	184	217.6	200	107	692
355X225	385	355	184	245	225	118	692
355X250	385	355	184	274.6	250	131	692
400X200	431	400	206	217.6	200	106	644
400X225	431	400	206	245	225	119	644
400X250	431	400	206	274.6	250	131	751
400X315	431	400	206	343	315	164	751



Part No.: US005

● REDUCING RING

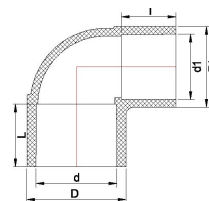
Size	D	d	L	H
25X20	25	20	17	20.5
32X20	32	20	17	24
32X25	32	25	20	25
40X32	40	32	25	28.5
50X25	50	25	19.5	33.5
50X32	50	32	23	33.5
50X40	50	40	27.5	33.5
63X25	63	25	19.5	40
63X32	63	32	21.7	37.5
63X40	63	40	28.5	40
63X50	63	50	32.5	40
75X50	75	50	33.5	44
75X63	75	63	40	44
90X50	90	50	33.5	51
90X63	90	63	38	51.3
90X75	90	75	44	51
110X63	110	63	38.4	63.3
110X75	110	75	45	63.3
110X90	110	90	46.7	59.6
125X90	125	90	50	69
140X90	140	90	51	76.5
160X90	160	90	51	86.5
160X110	160	110	59.5	85.5
200X110	200	110	61	106
225X110	225	110	61	118.5
250X160	250	160	86	131
250X200	250	200	106	131
250X225	250	225	118.5	131
355X315	355	315	163.5	183.5
400X315	400	315	163.5	206



Part No.: US012

● MALE ADAPTOR (NPT/BSPT)

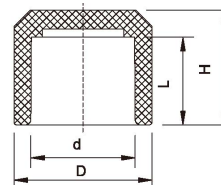
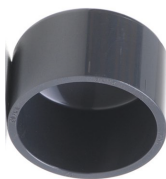
Size	D	d	G	L	H	d1
20	27.4	20	1/2"	16	37	14
25	33.2	25	3/4"	19	43	18.5
32	40.6	32	1"	23	50.7	25
40	49.3	40	1 1/4"	26	58	32
50	60.3	50	1 1/2"	31.5	61	36
63	85.8	63	2"	38	73	47
75	89	75	2 1/2"	44	90	60
90	105.4	90	3"	51	108	69.2
110	130	110	4"	61.5	119	92
(BSPT)160	180.6	180.7	6"	83	150	137



Part No.: USE07

● REDUCING ELBOW

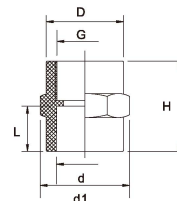
Size	D	d	L	D1	d1	I
25X20	30.9	25	20	25	20	20



Part No.: US016

● END CAP

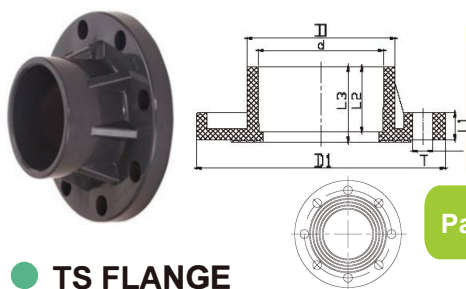
Size	D	d	L	H
20	26.2	20	19	24
25	31.2	25	21.5	27
32	38.5	32	29.5	31
40	47.4	40	28.2	35
50	58.5	50	33	40
63	72.4	63	40	47
75	88.2	75	46	53.6
90	105.4	90	51	63.3
110	126.3	110	59.5	74.1
125	142.4	125	69	83.2
140	159	140	76.5	92.6
160	180.6	160	86.5	104.6
180	196.6	180	96	134.5
200	225.6	200	107	129.3
225	245	225	119	162.5
250	274.6	250	131	183
315	343	315	164	228
355	385	355	184	268
400	431	400	206	297



Part No.: US011

● FEMALE ADAPTOR (NPT/BSPT)

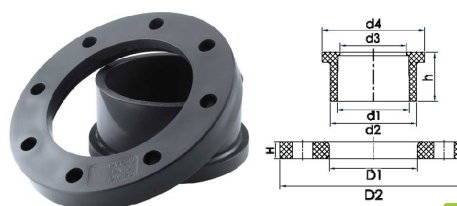
Size	D	d	G	L	H	d1
20	27.4	20	1/2"	16	32	31.6
25	33.2	25	3/4"	19	38	38.3
25X1/2"	32.5	25.3	1/2"	28.4	19	36
32	40.6	32	1"	22	44.7	47.5
40	49.3	40	1 1/4"	26	53	56.9
50	60.3	50	1 1/2"	31.5	55.2	69.6
63	85.8	63	2"	38	69	85.8
75	89	75	2 1/2"	44	84	89
90	105.4	90	3"	51	97	105.4
110	130	110	4"	61.5	114	130



Part No.: US015

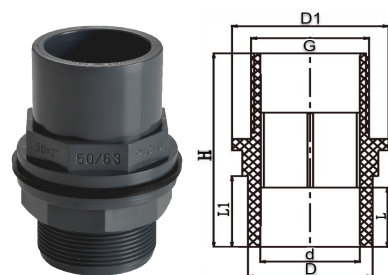
TS FLANGE

Size	D	d	D1	L1	L2	L3	T
20	27	20.3	95	14	16	20.2	4X13.5
25	33	25.3	105	16	19	23.2	4X14
32	40	32.4	115	16	22	26.2	4X14
40	50	40.4	140	16	26	30.5	4X18
50	61	50.4	150	17.6	30.5	34.1	4X18
63	76	63.4	164.6	18	38.9	43	4X18
75	90	75.5	185	19.3	44	48	4X18
90	106.8	90.5	194.5	22.2	46.5	54	4X18
110	131	110.6	220	24	57.6	66.6	4X18


 Part No.: US013
US014

VAN STONE FLANGE

Size	d1	d2	d3	d4	h	D1	D2	H
63	63.4	76.4	58.8	90.4	43.3	78	165	15
75	75.4	89.3	71.2	105.5	49.6	90.7	179	15.3
90	90.4	106.3	84.7	124	60	107	192.6	15.7
110	110.5	129.8	105	149.5	69	131.4	218.5	18
160	160.6	181.5	150	214	92.5	184.5	284	22.8
200	200.6	223.2	194.5	266.5	120.2	228	338.4	28
225	200	274	225	247.5	118	126	250	32
250	242	327	250	282	133	140	284	34.5
315	299	377	315	345	165.5	174	347.5	36.5



Part No.: USG002

MULTI ADAPTOR MALE X SOC X SPG

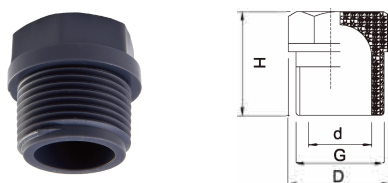
Size	d	D	D1	L	L1	H	H1	G
32X40X1 1/4"	32	40	57.8	22.5	28.5	91.8	17	1 1/4"
40X50X1 3/4"	40	50	71.8	28.5	33.5	98.5	19.2	1 3/4"
50X40X2 1/2"	40.4	50	57.9	28.5	33.5	98.5	19	2 1/2"
50X63X2"	50	63	79	33.5	40	109.3	21	2"
63X75X2 1/2"	63	75	95	40	44	120	23	2 1/2"



Part No.: UST04

Y-TEE

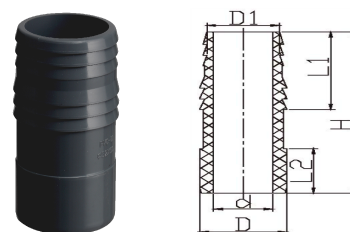
Size	d	D	H	L
110	198	126.4	284.4	61



Part No.: US010

MALE PLUG

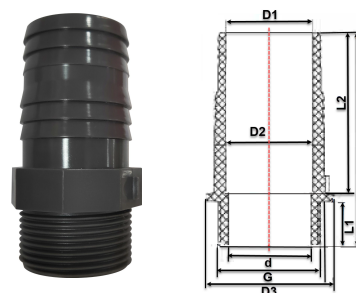
Size	D	d	G	H
20	24	13	1/2"	28
25	30.4	19	3/4"	30.7
32	39.2	23	1"	37.5



Part No.: USC01

HOSE CONNECTOR

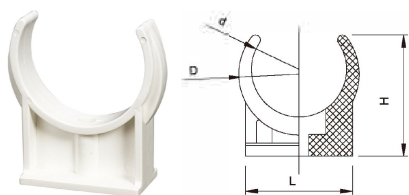
Size	D	d	D1	L	L1	H
20	20	14	18	31		73
25	25	17	20.8	36.5	21	76
32	32	24	27.8	39.5	22	80.5
40	40	32	37	42	26	92
50	50	41	47	45.5	31	100



Part No.: USC02

MALE HOSE CONNECTOR

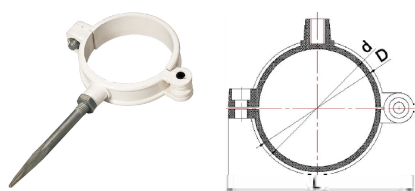
Size	D1	D2	D3	d	L1	L2	H	G
20X22X1/2"	15	22	24	14.5	15	45	66	1/2"
25X27X3/4"	19	25	30	18	15.5	49	70.5	3/4"
30X32X1"	24	30	36	24	19		77	1"
40X42X1 1/4"	33	39.4	46	32	22	59	88	1 1/4"
50X52X1 1/2"	42	49	55	37.5	22	62	91	1 1/2"
60X64X2"	50.5	64	75	48	25.7	93	124	2"



PIPE BRACKET

Part No.: US007

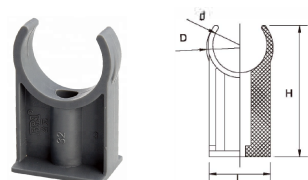
Size	D	d	L	H
20	24.7	19.5	24.7	24.7
25	32.8	24.5	29.4	28.7
32	40.5	31.5	37	32.4
40	50	39.5	39.6	40.5
50	61.2	49.5	44	49.5
63	77	62.5	60	59



HANGING PIPE CLAMP

Part No.: US006

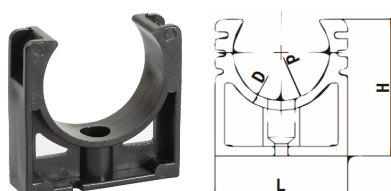
Size	D	d	L	H
20	23.4	20	40	40
25	29.4	25	45	45
32	36	32	55	55
40	44	40	63	63
50	54	50	77	77
63	68.5	63	100	100



U-BRACKET

Part No.: US008

Size	D	d	L	H
20	24	19.5	22	46.8
25	32.8	24.5	29.4	52
32	40.5	31.5	37	57
40	50	39.5	39.6	64
50	61.2	49.5	44	69.8
63	77	62.5	60	80



CLAMP (PP)

Part No.: US017

Size	D	d	L	H
25	31	24.5	37.8	36.8
32	37.9	31.5	47.8	43
40	47	39.5	54	55.5
50	56.6	49.5	63.5	60
63	68.7	62.5	76.5	66.5



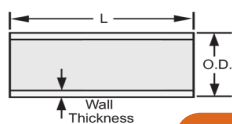
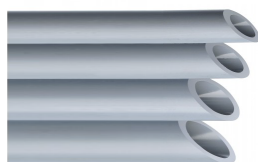
HANGING PIPE CLAMP

Part No.: US006

Size	D	d	L	H	
50X25	50	25	26	59	23
63X25	63	25	26	65	28
63X1"	63	1"	21	60	28
75X3/4"	75	3/4"	20	65	31
75X1 1/2"	75	1 1/2"	24	68	31
90X25	90	25	26	80	36
90X1"	90	1"	24	79.5	36
90X1 1/2"	90	1 1/2"	24	75	36
110X1/2"	110	1/2"	24	88.5	38
110X3/4"	110	3/4"	20	88.5	38
110X1"	110	1"	24	88.5	38
110X1 1/2"	110	1 1/2"	35	97	38
110X2"	110	2"	35	97	38
110X2 1/2"	110	2 1/2"	35	97	38
125X1 1/2"	125	1 1/2"	37	105	37
125X2"	125	2"	37	105	37
125X2 1/2"	125	2 1/2"	37	105	37
160X1"	160	1"	24	114.5	55
160X1 1/2"	160	1 1/2"	36	125	55
160X2"	160	2"	36	125	55
160X2 1/2"	160	2 1/2"	36	125	55
200X1 1/2"	200	1 1/2"	35	142	74
200X2"	200	2"	37	142	74
200X2 1/2"	200	2 1/2"	37	142	74
225X3/4"	225	3/4"	20	153.5	76
225X1 1/2"	225	1 1/2"	37	153.5	76
225X2"	225	2"	37	153.5	76
225X2 1/2"	225	2 1/2"	37	153.5	76
250X2"	250	2"	28	170	76
250X2"(铜)	250	2"	28	170	76
250X2 1/2"	250	2 1/2"	38	170	76
250X3"	250	3"	34	170	76
250X110	250	110	61.5	195	76
315X2"(铜)	315	2"	27	170	70
315X110	315	110	63	231.5	70
315X160	315	160	86	250	70
400X110	400	110	61	285	87
400X200	400	200	106	330	87
400X250	400	250	162	385	87

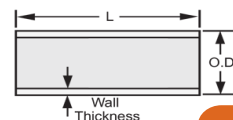


ERA SCH80 PIPE AND FITTINGS



NSF

Part No.: E800C



NSF

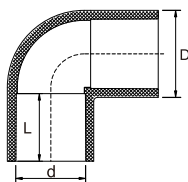
Part No.: E400C

● PRESSURE PIPES

Nom Size	Outer Dia (O.D)	Wall Thickness
1/2"	21.34	3.73
3/4"	26.67	3.91
1"	33.4	4.55
1 1/4"	42.16	4.85
1 1/2"	48.26	5.08
2"	60.33	5.54
2 1/2"	73.03	7.01
3"	88.9	7.62
4"	114.3	8.56
6"	168.3	10.97
8"	219.08	12.70

● PRESSURE PIPES

Nom Size	Outer Dia (O.D)	Wall Thickness
1/2"	21.34	3.73
3/4"	26.67	3.91
1"	33.4	4.55
1 1/4"	42.16	4.85
1 1/2"	48.26	5.08
2"	60.33	5.54
2 1/2"	73.03	7.01
3"	88.9	7.62
4"	114.3	8.56

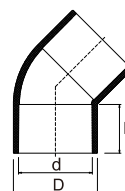


NSF

Part No.: E806C

● 90° ELBOW

Nom Size	D	d	L
1/2"	29.8	21.34	22.7
3/4"	35.6	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	56.6
6"	190.9	168.3	76.7
8"	245.9	219.84	102.6
10"	305.8	273.81	128.0
12"	361.6	324.6	153.4

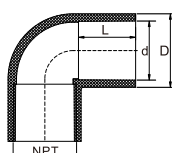


NSF

Part No.: E817C

● 45° ELBOW

Nom Size	D	d	L
1/2"	29.3	21.34	22.7
3/4"	35.1	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72.5	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	57.6
6"	191.2	168.3	76.7
8"	245.9	219.84	102.6
10"	305.2	273.8	128.0
12"	358.15	324.6	164.3

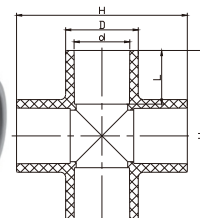


NSF

Part No.: E807C

● FEMALE THREAD ELBOW

Nom Size	D	d	L	NPT
1/2"	32.5	21.34	22.7	1/2"
3/4"	38.1	26.67	25.9	3/4"
1"	46	33.4	29.1	1"
1 1/4"	55.9	42.16	32.3	1 1/4"
1 1/2"	63.5	48.26	35.4	1 1/2"
2"	76.2	60.33	38.6	2"

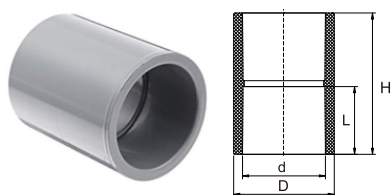


NSF

Part No.: E820C

● CROSS TEE

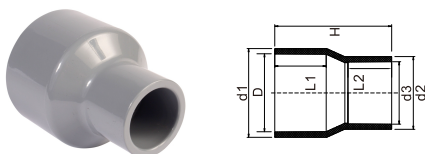
Size Nom	D	d	L	H
1/2"	29.4	21.34	23	71
3/4"	35	26.67	26	82.5
1"	43	33.4	29	97.5
1 1/4"	52	42.16	32	111
1 1/2"	59	48.26	35	124
2"	72	60.33	39	143


NSF

Part No.: E829C

COUPLING

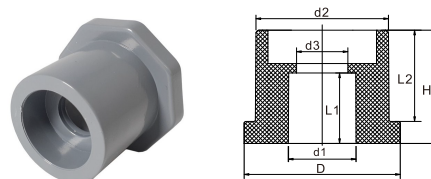
Nom Size	D	d	H	L
1/2"	29.3	21.34	48.8	22.7
3/4"	35.1	26.67	55.2	26.0
1"	43.1	33.4	61.6	29.1
1 1/4"	52.4	42.16	67.4	32.3
1 1/2"	59	48.26	74.3	35.4
2"	72	60.33	80.1	38.6
2 1/2"	87.8	73.03	95.3	45
3"	104.9	88.9	101	48.1
4"	132.4	114.3	120.5	57.4
6"	191.2	168.3	160.3	76.7
8"	245.9	219.84	215.2	102.6
10"	305.8	273.81	266.0	128.0
12"	360.6	324.6	316.8	153.4


NSF

Part No.: E829C

REDUCING COUPLING

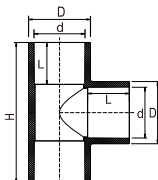
Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	35.1	26.67	29.3	21.34	57.5	25.9	22.7
1"X1/2"	43.4	33.4	29.8	21.34	63.1	29.1	22.7
1"X3/4"	43.1	33.4	35.5	26.67	65.4	29.1	25.9
1 1/4"X1/2"	52.4	42.16	29.3	21.34	66.4	32.3	22.7
1 1/4"X3/4"	52.4	42.16	35.1	26.67	67.6	32.3	25.9
1 1/4"X1"	52.4	42.16	43.4	33.4	72.2	33	28.2
1 1/2"X1/2"	59	48.26	29.3	21.34	70.5	35.4	22.7
1 1/2"X3/4"	59	48.26	35.5	26.67	73.7	35.4	25.9
1 1/2"X1"	59	48.26	43.5	33.4	76.9	35.4	28.8
2"X1/2"	59	48.26	52.4	42.16	80.1	35.4	32.3
2"X1/2"	72	60.33	29.3	21.34	79.7	38.6	22.7
2"X3/4"	72	60.33	35.1	26.67	81.4	38.6	25.9
2"X1"	72	60.33	43.1	33.4	84.6	38.6	29.1
2"X1 1/4"	72	60.33	52.4	42.16	87.8	38.6	32.3
2"X1 1/2"	72	60.33	59	48.26	90.9	38.6	35.4
2 1/2"X1 1/2"							
2 1/2"X2"							
3"X2"							
4"X2 1/2"							
4"X3"							


NSF

Part No.: E837C

REDUCING RING

Nom Size	D	d1	d2	d3	L1	L2	H
3/4"X1/2"		21.54	26.67	17.0	23.22	26.4	
1"X1/2"		21.54	33.4	17.0	23.22	29.58	
1"X3/4"		26.87	33.4	22.5	26.4	29.58	
1 1/4"X1/2"	52.4	21.34	42.16	13.5	22.7	31.5	40
1 1/4"X3/4"	52.4	26.64	42.16	17.8	25.9	31.5	40
1 1/4"X1"	52.4	33.4	42.16	24	29.1	31.5	40
1 1/2"X1/2"	59	21.34	48.26	13	22.7	35	43
1 1/2"X3/4"	58.5	26.67	48.26	17.3	25.9	35	43
1 1/2"X1"	59	33.4	48.26	24.3	29.1	35	43
1 1/2"X1 1/4"	59	42.16	48.26	31.2	32.3	35	43
2"X1/2"	72	21.34	60.33	13	22.7	39	49
2"X3/4"	72	33.4	60.33	23.5	29.1	39	49
2"X1"	72	26.67	60.33	18	29.1	38.3	48.6
2"X1 1/4"	72	42.16	60.33	32	32.3	39	49
2"X1 1/2"	72	48.26	60.33	36.2	35.4	38.6	48.6
3"X1 1/2"	104.9	48.26	88.9	42	35.5	47.1	55.1
3"X2"	104.9	60.33	88.9	53.8	38.6	47.1	55.1
4"X1 1/2"	132.4	48.26	114.3	42	35.5	56.6	65.1
4"X2"	132.4	60.33	114.3	53.8	38.6	56.6	65.1
4"X3"	132.4	88.9	114.3	82	48.1	56.6	65.1
5"X4"		114.76	141.3	106.0	58.15	69.0	
6"X3"		89.31	168.3	83.0	48.63	78.0	
6"X4"		114.76	168.3	106.0	58.15	78.0	
6"X5"		141.81	168.3	133.0	67.68	78.0	
8"X4"		114.76	219.1	106.6	58.15	103.0	
8"X6"		168.83	219.1	160.0	77.2	103.0	
10"X3"		89.31	273.05	83.0	48.63	127.0	
10"X4"		114.76	273.05	106.0	58.15	127.0	
10"X6"		168.83	273.05	160.0	77.2	127.0	
10"X8"		219.84	273.05	208.0	102.6	127.0	
12"X4"		114.76	323.85	106.0	58.15	151.0	
12"X6"		168.83	323.85	160.0	77.2	151.0	
12"X8"		219.84	323.85	208.0	102.6	151.0	
12"X10"		273.81	323.85	262.5	128.0	151.0	

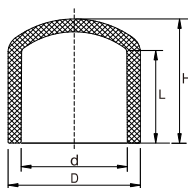


NSF

Part No.: E801C

STRAIGHT TEE

Nom Size	D	d	L	H
1/2"	29.3	21.34	22.4	70.8
3/4"	35.4	26.67	25.9	82.4
1"	43.1	33.4	29.1	97.6
1 1/4"	52.4	42.16	32.3	110.9
1 1/2"	59	48.26	35.4	122.7
2"	72	60.33	38.6	142.7
2 1/2"	87.8	73.03	45	168.2
3"	104.9	88.9	48.1	190.2
4"	132.4	114.3	57.6	235.6
6"	191.2	168.3	76.7	333.2
8"	246.5	219.84	102.6	435.2
10"	305.8	273.81	128.0	556.0
12"	361.6	324.6	153.4	656.8

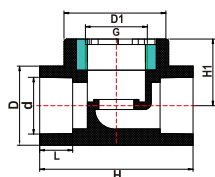


NSF

Part No.: E847C

END CAP

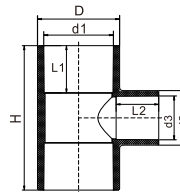
Nom Size	D	d	L	H
1/2"	29.3	21.34	22.7	39.7
3/4"	35.1	26.67	25.9	33.7
1"	43.1	33.4	29.1	33.8
1 1/4"	52.4	42.16	32.3	43
1 1/2"	59	48.26	35.4	45.8
2"	72	60.33	38.6	51.8
2 1/2"	87.98	73.38	45.45	64.2
3"	105.3	89.31	48.63	58.0
4"	132.0	114.76	58.15	81.0
6"	190.85	168.83	77.2	119.55
8"	245.9	219.84	102.6	141.7
10"	305.8	273.81	128.0	186.25
12"	361.6	324.6	153.4	228.0



Part No.: CPS013

CPVC STOP VALVE TYPE II

Nom Size	D	d	D1	G	L	H
20X1/2"	29.6	21.6	34.8	1/2"	23.5	80
25X1/2"	36	26.99	42	3/4"	24	82
32X3/4"	43.7	33.7	51.7	1"	25	93

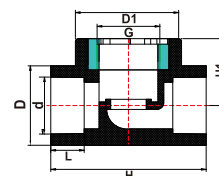


NSF

Part No.: E801C

REDUCING TEE

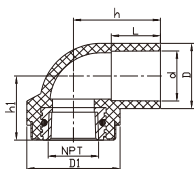
Nom Size	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35.5	26.67	30	21.34	25.9	22.7	79.1
1"X1/2"	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1"X3/4"	43.1	33.4	35.1	26.67	29.1	25.9	91
1 1/4"X1/2"	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1 1/4"X3/4"	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1 1/4"X1"	52.4	42.16	43.1	33.4	32.3	29.1	105.8
1 1/2"X1/2"	59	48.26	29.3	21.34	35.4	22.7	97.6
1 1/2"X3/4"	59	48.26	35.1	26.67	35.4	25.9	103.7
1 1/2"X1"	59	48.26	43.1	33.4	35.4	29.1	110.5
1 1/2"X1 1/4"	59	48.26	52.4	42.16	35.4	32.3	118.9
2"X1/2"	72	60.33	29.3	21.34	38.6	22.7	104.7
2"X3/4"	72	60.33	35.1	26.67	38.6	25.9	109.7
2"X1"	72	60.33	43.1	33.4	38.6	29.1	115.9
2"X1 1/4"	72	60.33	52.4	42.16	38.6	32.3	124.6
2"X1 1/2"	72	60.3	59	48.26	38.6	35.4	131.6
2 1/2"X1 1/2"	88.4	73.38	60.4	48.56	45.45	35.93	169.0
2 1/2"X2"	88.4	73.38	73.1	60.63	45.45	39.1	169.0
3"X2"	105.7	89.31	73.1	60.63	48.63	39.1	194.1
4"X2 1/2"	132.5	114.76	88.4	73.38	58.15	45.45	234.5
4"X3"	132.5	114.76	105.7	89.31	58.15	48.63	234.5
5"X2"	161.6	141.81	72.7	60.63	67.68	39.1	285.6
6"X2"	192.0	168.83	73.1	60.63	77.2	39.1	332.5
6"X4"	192.0	168.83	132.5	114.76	77.2	58.15	332.5
8"X4"	246.5	219.84	132.5	114.76	102.6	58.15	435.2
8"X6"	246.5	219.84	192.0	168.83	102.6	77.2	435.2
10"X6"	305.8	273.8	192.0	168.83	128.0	77.2	446.6
10"X8"	305.8	273.8	246.5	219.84	128.0	102.6	496.5
12"X8"	361.6	324.6	246.5	219.84	153.4	102.6	583.0
12"X10"	361.6	324.6	305.8	273.8	153.4	128.0	656.8



Part No.: CPS012

CPVC STOP VALVE TYPE I

Nom Size	D	d	D1	G	L	H
20X1/2"	29.6	21.6	34.8	1/2"	23.5	80
25X1/2"	36	26.99	42	3/4"	24	82
32X3/4"	43.7	33.7	51.7	1"	25	93

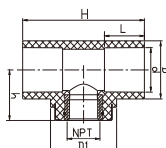


NSF

Part No.: E807CBR

FEMALE ELBOW WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	39.4	28
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	38.5	31.5
3/4"	49.2	35	26.67	26	3/4"	45.9	34.5
3/4"X1 1/2"	42.9	35	26.67	26	1/2"	39.5	30.5
1 1/4"	67	52	42.16	32	1 1/4"	60	46.5
1 1/2"	73	59	48.26	35	1 1/2"	66	51
2"	87.6	72	60.33	39	2"	75	61

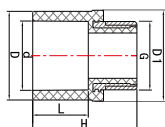
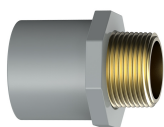


NSF

Part No.: E802CBR

FEMALE TEE WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	28	77
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	31.5	77
3/4"	49.2	35	26.67	26	3/4"	34.5	92
3/4"X1 1/2"	42.9	35	26.67	26	1/2"	30.5	79
1 1/4"	67	52	42.16	32	1 1/4"	46.5	120
1 1/2"	73	59	48.26	35	1 1/2"	51	132
2"	87.6	72	60.33	39	2"	61	150

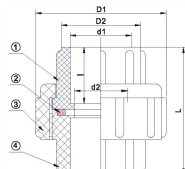


NSF

Part No.: E836CBR

MALE ADAPTOR WITH BRASS

Nom Size	D1	D	d	H	L	G
1/2"	30.4	29.4	21.34	44.2	22.7	1/2"
3/4"	36.1	35.1	26.67	48.9	25.9	3/4"
1"	44.1	43.1	33.4	54.5	29.1	1"
1 1/4"	53.4	52.4	42.16	63.1	32.3	1 1/4"
1 1/2"	60	59	48.26	69.7	35.4	1 1/2"
2"	73	72	60.33	76.1	38.6	2"

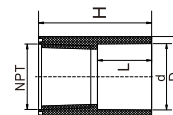


NSF

Part No.: E897C

CPVC/EPDM UNION

Size	NPT thread	BSPT thread	d1 (JIS)	d1 (BS)	d1 (ANSI)	d1 (DIN)	d2	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	14	29.20	50.6	20.5	48
20mm(3/4")	14	14	26	26	26.67	25	19	34.5	56.7	22	53.6
25mm(1")	11.5	11	32	34	33.4	32	24	42.6	66.5	28	63
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	81	30	72.6
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59	86.8	34.5	85
50mm(2")	11.5	11	60	60	60.33	63	45	72.1	105.8	40	103
65mm(2 1/2")	8	11	76	76	73.03	75	60	90	129	40	109
80mm(3")	8	11	89	89	88.9	90	80	103.5	145.5	48	125.5
100mm(4")	8	11	114	114	114.3	110	100	132.5	175	60	160

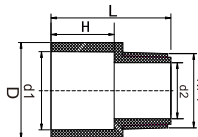


NSF

Part No.: E835C

FEMALE ADAPTOR

Nom Size	D	d	H	L	NPT
1/2"	32.5	21.34	45.7	22.7	1/2"
3/4"	38.1	26.67	54.8	25.9	3/4"
1"	46	33.4	58.7	29.1	1"
1 1/4"	55.9	42.16	64.3	32.3	1 1/4"
1 1/2"	63.5	48.26	70.9	35.4	1 1/2"
2"	76.2	60.33	74.6	38.6	2"
2 1/2"	87.8	73.03	92.3	45	2 1/2"
3"	104.9	88.9	97.9	48.1	3"
4"	132.4	114.3	109.9	57.6	4"
6"	191.2	168.3	135.6	76.7	6"

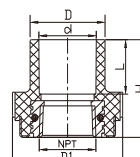


NSF

Part No.: E836C

MALE ADAPTOR

Nom Size	D	d1	d2	NPT	H	L
1/2"	30	21.34	9.4	1/2"	46.5	23.2
3/4"	35.8	26.67	14	3/4"	55.9	25.9
1"	44	33.4	18.8	1"	61	29.1
1 1/4"	53	42.16	26.8	1 1/4"	65.5	32.5
1 1/2"	60	48.26	32.4	1 1/2"	70.9	35.4
2"	73	60.33	43.3	2"	76.7	38.6
2 1/2"	88.2	73.03	51.0	2 1/2"	93.2	44.8
3"	104.9	88.9	66.0	3"	99.0	48.1
4"	132	114.3	89.9	4"	112	57.0
6"	191.2	168.3	138.3	6"	138.5	76.7



NSF

Part No.: E835CBR

FEMALE ADAPTOR WITH BRASS

Nom Size	D1	D	d	L	NPT	H
1/2"	45.3	29.4	21.34	23	1/2"	40.5
1/2"X3/4"	51.6	29.4	21.34	23	3/4"	43.5
3/4"	51.6	35	26.67	26	3/4"	46.5
3/4"X1 1/2"	45.3	35	26.67	26	1/2"	44.5
1"	59	43	33.4	29	1"	53.5
1"X3/4"	51.6	43	33.4	29	3/4"	50

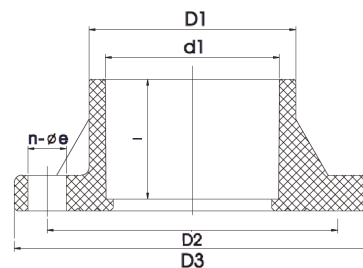
● TS FLANGE

Part No.: E851C

NSF

Pmax: 235 psi rating @73F

Material: CPVC



Size	D1	D2	D3	d1(DIN)	d1(ANSI)	d1(JIS)	d1(BS)	l	n-øe
1/2"	30	60.5	89	20	21.34	22	22	22	4-16
3/4"	34	70.5	98	25	26.67	26	26	23.5	4-16
1"	42.5	79.5	108	32	33.4	32	34	25.5	4-16
1 1/4"	52	89.5	118	40	42.16	38	42	32	4-16
1 1/2"	61.5	98.5	127	50	48.26	48	48	32.5	4-19
2"	76	120.5	151.5	63	60.33	60	60	35.8	4-19
2 1/2"	89.5	139.5	177.3	75	70.03	76	76	41	4-19
3"	107.5	152.5	191	90	88.9	89	89	48.5	4-19
4"	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19

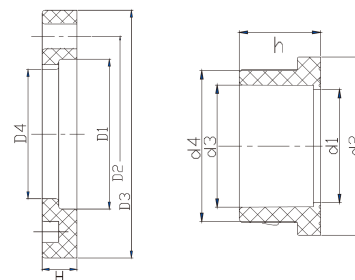
● VAN STONE FLANGE

Part No.: E854C

NSF

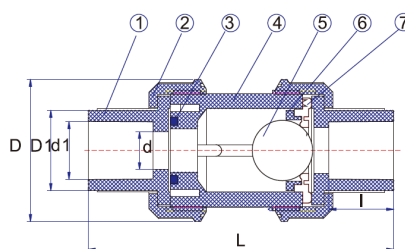
Pmax: 150 psi rating @73F

Material: CPVC



Size	d1	d2	d3	d4	h	D1	D2	D3	D4	H
2"	51	91.8	58	74.6	43.5	92.5	120	152.4	77.6	20.5
2 1/2"	68	107.2	73.4	90.6	49	107.6	140	177.6	92.6	24.8
3"	77.2	119.9	89.4	107	54.9	120.6	152.5	191.4	109.4	26.4
4"	102.4	152.5	110.4	131.8	64.8	153	191	229.7	134	28.5

● CPVC BALL CHECK


NSF


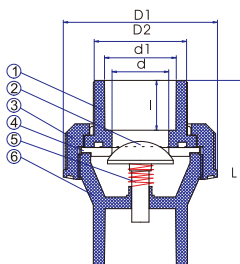
Part No.: KBCE

NO.	PART	MATERIAL	Q'TY
1	End Connector	CPVC	2
2	Union Nut	CPVC	2
3	Stem O-Ring	EPDM	1
4	Body	CPVC	1

NO.	PART	MATERIAL	Q'TY
5	Ball	CPVC	1
6	Gland	CPVC	1
7	Seat	EPDM	1

● BALL CHECK VALVE

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	Dimensions	
										I	L
15mm(1/2")	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4")	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1")	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34	168.5
50mm(2")	11.5	11	60	60	60.33	63	50	75	119.8	40	189



Part No.: CSU02

● SINGLE UNION SPRING CHECK VALVE

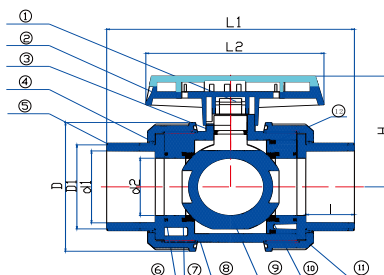
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Union Connector	CPVC	1
2	Gate	CPVC	1
3	Union Nut	CPVC	1
4	Space Seal	EPDM	1
5	Spring	STAINLESS STEEL	1
6	Body	CPVC	1

● SINGLE UNION SPRING CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	16	27.5	51.3	20.5	80
20mm(3/4")	14	14	26	26	26.67	25	19	35.5	65.5	22	86.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.5	73.7	28.0	96
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	30.0	105
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34.7	115.5
50mm(2")	11.5	11	60	60	60.33	63	49.8	75	119.8	40	141



Part No.: KBVE1

- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150PSI

● TRUE UNION BALL VALVE

Specification of material

NO.	PART	MATERIAL	Q'TY
1	Stem	CPVC	1
2	Handle	ABS	1
3	Stem O-Ring	EPDM	2
4	Union Nut	CPVC	2
5	End Connector	CPVC	2
6	Body O-Ring	EPDM	2
7	O-Ring	EPDM	2
8	Body	CPVC	1
9	Ball	CPVC	1
10	Seat Seal	PTFE	2
11	Seat Carrier	CPVC	1
12	Carrier O-Ring	EPDM	1

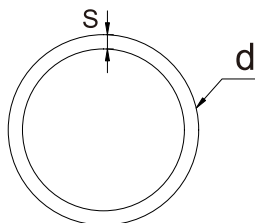
● TRUE UNION BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.2	20.6	112.5	65	50.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.6	65.5	24.6	130.2	75	58.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	28	142.5	85	65.7
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59.5	102	31.5	166.5	110	86
50mm(2")	11.5	11	60	60	60.33	63	50	75	120	40	214	133.5	101.5
65mm(2 1/2")	8	11	76	76	73.03	75	60	87.5	135	40	228	161	112.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	269	200	160.5
100mm(4")	8	11	114	114	114.3	110	99	132	216	56	309	240	173.5



**ERA CTS Pipe and Fittings(ASTM D2846)
For Cold/Hot Water**

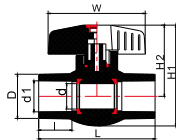
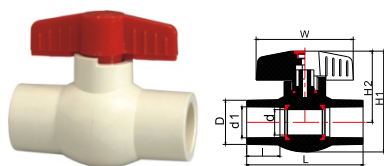
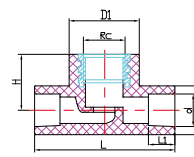

PART NO: CPA001

● PRESSURE RATE:SDR11

size	d (mm)	s (mm)
1/2"	15.9	1.73
3/4"	22.2	2.03
1"	28.6	2.59
1 1/4"	34.9	3.18
1 1/2"	41.3	3.76
2"	54	4.9

● PRESSURE RATE:SDR13.5

size	d (mm)	s (mm)
1/2"	15.9	1.52
3/4"	22.2	1.73
1"	28.6	2.03
1 1/4"	34.9	2.59
1 1/2"	41.3	3.06
2"	54	4

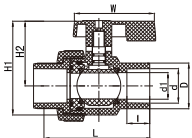
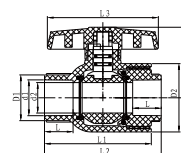

PART NO: CPAC01

PART NO: CPAB09

● COMPACT BALL VALVE

Nom Size	D1	d	D	L	I	W	H1	H2
15mm(1/2")	15.9	12.4	24	68.5	19	60	58	40.7
20mm(3/4")	22.2	18.4	32	84	24	70.2	73	51.6
25mm(1")	28.6	20.5	38.4	91	25	79	77	52.3
1 1/4"	34.9	25	45.8	105.5	28.5	100	93.5	65.2
1 1/2"	41.3	30.6	53.5	121	33.5	108	104.8	72.3
2"	54	41	68.4	149	43.5	130	122	82

● CPVC STOP VALVE CPVC CTS

Nom Size	D	d	D1	RC	L	L1	H
1/2"	24.1	16.1	34.8	1/2"	70	13	28
3/4"	32.1	22.45	42	3/4"	83	18	33

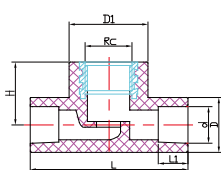

PART NO: CPAC03

PART NO: CPAC02

● SINGLE UNION BALL VALVE

Nom Size	D	d	d1	I	L	W	H1	H2
1 1/4"	53.5	47.2	39	34	95.8	109.7	127	86.5
1 1/2"	61.6	50.3	39	34	113	109.7	127	86.5
2"	64.6	54	39	43.5	174	109.7	127	86.5

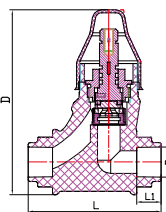
● CPVC VALVE

Nom Size	d1	d2	D1	D2	L	L1	L2	L3	H
1/2"	16.09	12.4	22.7	35	13	56	59	52	34.4
3/4"	22.46	18	29.8	44	18	73	76.6	70	45
1"	28.83	24.5	36.8	55	23	86	94	89.4	56.8
1 1/4"	35.2	33	47.2	66.5	28.1	103	113	96.6	70
1 1/2"	41.66	35.5	54.8	73.3	33.5	115.8	131	108.2	79.1
2"	54.38	44	68.5	89	43.5	146.7	161.9	124.4	90.2


PART NO: CPAB010

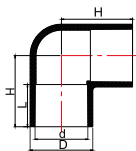
● CPVC STAINLESS STEEL STOP VALVE

Nom Size	D	d	D1	RC	L	L1	H
1/2"	24.1	16.1	34.8	1/2"	70	13	28
3/4"	32.1	22.45	42	3/4"	83	18	33


PART NO: CPAS016

● CHECK VALVE

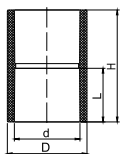
Nom Size	D	H	L	L1
1/2"	16.08	98.4	70.8	13



PART NO: CPA002

90° ELBOW

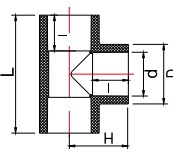
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	23.1
3/4"	26.8	22.2	18	31.43
1"	34.5	28.6	23	39.22
1 1/4"	41.8	34.9	28.1	47.4
1 1/2"	49.4	41.3	33.5	55.4
2"	64.4	54	43.5	72.5



PART NO: CPA013

SOCKET

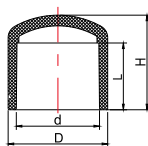
Nom Size	D	d	H	L
1/2"	21.5	15.9	28.9	13
3/4"	26.8	22.2	39.5	18
1"	34.5	28.6	50	23
1 1/4"	41.8	34.9	60	28.1
1 1/2"	49.4	41.3	70.5	33.5
2"	64.4	54	90.5	43.5



PART NO: CPA004

TEE

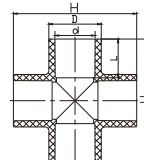
Nom Size	D	d	I	L	H
1/2"	21.5	15.9	13	43.8	21.9
3/4"	26.8	22.2	18	62	31
1"	34.5	28.6	23	80	40
1 1/4"	41.8	34.9	28.1	95.5	47.75
1 1/2"	49.4	41.3	33.5	112	56
2"	64.4	54	43.5	145	72.5



PART NO: CPA003

END CAP

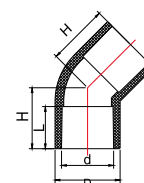
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	17
3/4"	26.8	22.2	18	25.5
1"	34.5	28.6	23	32
1 1/4"	41.8	34.9	28.1	41
1 1/2"	49.4	41.3	33.5	44
2"	64.4	54	43.5	57



PART NO: CPA011

CROSS TEE

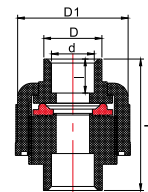
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	44
3/4"	27	22.2	18	62
1"	34	28.6	23	80
1 1/4"	42	34.9	28	95.5
1 1/2"	49	41.3	33	112
2"	65	54	43	145



PART NO: CPA010

45° ELBOW

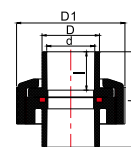
Nom Size	D	d	L	H
1/2"	20	15.9	13	18.8
3/4"	26.8	22.2	18	24.3
1"	34.5	28.6	23	30.9
1 1/4"	41.8	34.9	28.1	37.1
1 1/2"	49.46	41.3	33.5	44
2"	64.58	54	43.5	56.5



PART NO: CPA014

I UNION

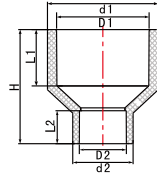
Nom Size	d	D	D1	I	L
15mm(1/2")	15.9	21.7	41.3	12.7	49.1
20mm(3/4")	22.2	30.2	53.3	19.5	63



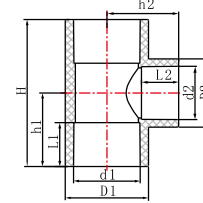
PART NO: CPA007

II UNION

Nom Size	d	D	D1	I	L
15mm(1/2")	15.9	21.8	39.5	13	36.5
20mm(3/4")	22.2	32.5	53.5	22	53.5
25mm(1")	28.6	34.43	65	23	57.5
40mm(1 1/4")	35.2	41.8	67.5	28.1	65.1
50mm(1 1/2")	41.66	49.2	76	33.5	75.7
63mm(2")	54.38	64.58	94	43.5	99.2



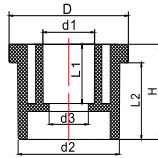
NSF
PART NO: CPAS04



UPC
NSF
PART NO: CPAS02

REDUCING SOCKET

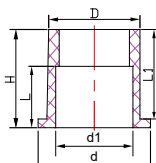
Nom Size	D1	d1	L1	D2	D2	L2	H
3/4"X1/2"	26.85	22.2	18	20.08	15.9	13	33.7
1"X1/2"	34.43	28.6	23	20.08	15.9	13	39
1"X3/4"	34.43	28.6	23	26.85	22.2	18	44
1 1/4"X1/2"	41.8	34.9	28.1	20.08	15.9	13	44.1
1 1/4"X3/4"	41.8	34.9	28.1	26.83	22.2	18	49.1
1 1/4"X1"	41.8	34.9	28.1	34.43	28.6	23	54.1
1 1/2"X1/2"	49.46	41.3	33.5	20.08	15.9	13	49.5
1 1/2"X3/4"	49.46	41.3	33.5	26.85	22.2	18	54.5
1 1/2"X1"	49.46	41.3	33.5	34.43	28.6	23	59.5
1 1/2"X1 1/4"	49.46	41.3	33.5	41.8	34.9	28.1	64.6
2"X3/4"	64.58	54	43.5	26.85	22.2	18	64.5
2"X1"	64.58	54	43.5	34.43	28.6	23	69.5
2"X1 1/2"	64.58	54	43.5	41.8	34.9	28.1	74.6
2"X1 1/4"	64.58	54	43.5	49.46	41.3	33.5	80



NSF
PART NO: CPA009

REDUCING BUSHES

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	26.8	15.9	22.1	14.72	21.2	13	18
1"X1/2"	34.5	15.9	28.47	14.72	26.4	13	23
1"X3/4"	34.5	22.2	28.47	21.1	26.4	18	23
1 1/4"X1/2"	41.8	15.9	34.85	14.72	31	13	28.1
1 1/4"X3/4"	41.8	22.2	34.85	21.1	31	18	28.1
1 1/4"X1"	41.8	28.6	34.85	27.47	31	23	28.1
1 1/2"X1/2"	49.5	15.9	41.2	14.72	36.3	13	33.5
1 1/2"X3/4"	49.5	22.2	41.2	21.1	36.3	18	33.5
1 1/2"X1"	49.5	28.6	41.2	27.47	36.3	23	33.5
1 1/2"X1 1/4"	49.5	34.9	41.2	33.85	36.3	28.1	33.5
2"X1 1/2"	64.6	15.9	54	14.72	47	13	43.5
2"X1 1/4"	64.6	34.9	54	33.85	47	28.1	42.5



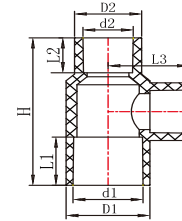
PART NO: CPAS10

REDUCING RING(IPS TO CTS)

Nom Size	D	d	d1	H	L	L1
3/4"X3/4"	26.57	32	22.45	28.4	18	25.9
2"X2 1/2"	72.8	79.7	54.39	51	43.5	45

REDUCING TEE

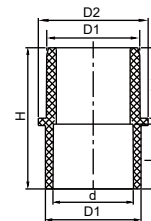
Nom Size	D1	d1	L1	h1	D2	d2	L2	H2	H
3/4"X1/2"	26.85	22.2	18	27.25	20.08	15.9	13	25.33	54.5
1"X1/2"	34.4	28.6	23	32.4	20.08	15.9	13	28.81	64.8
1"X3/4"	34.4	38.6	23	35.6	26.85	22.2	18	33.8	71.2
1 1/4"X1/2"	41.8	34.9	28.1	37.5	20.08	15.9	13	32	75
1 1/4"X3/4"	41.8	34.9	28.1	41	26.85	22.2	18	37	82
1 1/4"X1"	41.8	34.9	28.1	44	34.43	28.6	23	42	88
1 1/2"X1/2"	49.46	41.3	35.5	43	20.08	15.9	13	35.5	86
1 1/2"X3/4"	49.46	41.3	35.5	46.5	26.85	22.2	18	40.5	93
1 1/2"X1"	49.46	41.3	35.5	49.6	34.4	28.6	23	43.46	99.2
1 1/2"X1 1/4"	49.46	41.3	35.5	52.5	41.8	34.9	28.1	50.5	105
2"X3/4"	64.58	54	43.5	56.5	26.85	22.2	18	46.5	113
2"X1"	64.58	54	43.5	59.5	34.43	28.6	23	52	119
2"X1 1/4"	64.58	54	43.5	63	41.8	34.9	28.1	57	126
2"X1 1/2"	64.58	54	43.5	66	49.46	41.3	33.5	62.5	132



PART NO: CPA016

REDUCING TEE

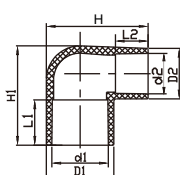
Nom Size	D1	d1	L1	d2	D2	L2	H	L3
3/4"X1/2"X1/2"	26.85	22.45	18	16.1	21.5	13	55	26.08
3/4"X3/4"X1/2"	26.85	22.45	18	16.1	21.5	13	57.8	31.43



PART NO: CPAS05

TRANSITION BUSH(ASTM2846 TO SCH80)

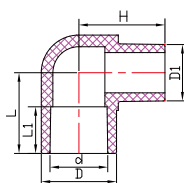
Nom Size	d	D	D1	D2	L	L1	H
1/2"	25	16.11	21.24	21.5	23.5	13	39
3/4"	30	22.45	26.57	26.85	26.5	18	47
1"	38	28.83	33.27	34.43	29	23	55
1 1/4"	46	35.2	42.04	41.8	32.5	28.1	62
1 1/2"	41.66	49.46	48.11	56.8	33.5	36.4	73
2"	54.38	64.58	60.17	68.5	43.5	39.6	86.5



PART NO: CPAS08

REDUCING ELBOW

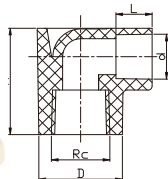
Nom Size	D1	d1	D2	d2	L1	L2	H1	H2
3/4"X1/2"	26.85	22.2	20	15.9	18	13	39.5	40.5
1"X1/2"	34.43	28.83	21.5	16.07	23	13	34	31
1"X3/4"	34.43	28.83	26.85	22.45	23	18	39	39
1 1/4"X1/2"	41.8	35.2	21.5	16.07	28.1	13	42.4	37.4
1 1/4"X1"	41.8	35.2	34.43	28.83	28.1	23	47.4	47.4
2"X1"	64.58	54.38	34.43	28.83	43.5	23	68	62



PART NO: CPAS018

MALE AND FEMALE ELBOW

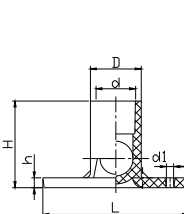
Nom Size	D	d	D1	L	L1	H
1/2"	21	16.1	15.72	22.5	13	24



PART NO: CPAS07

FEMALE ELBOW WITH BRACKET

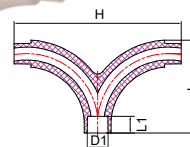
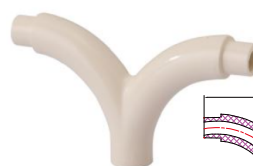
Nom Size	D	d	H	L	G
1/2"	30	15.9	38.2	13	1/2"



PART NO: CPAS03

FEMALE THREAD ELBOW WALL PLATE

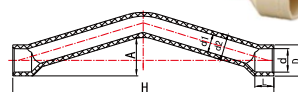
Nom Size	D	d	d1	H	h	L
1/2"	20.8	15.9	3	35.5	4	59.75
3/4"	26.85	22.2	3	46.5	4	74.75



PART NO: CPAS017

Y MALE & FEMALE ELBOW

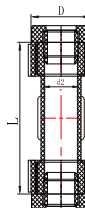
Nom Size	D	H	L	L1
1/2"	16.1	130	72.26	13



PART NO: CPAS01

STEP OVER BEND

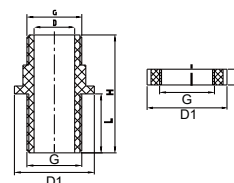
Nom Size	D	d	d1	d2	L	H	A
1/2"	21.5	15.9	12	17.4	13	180	26.5
3/4"	26.9	22.2	16.5	20.9	18	195	29.2
1"	34.5	28.6	21	26.6	23	215	32.4



PART NO: CPAS019

COMPRESSION COUPLING

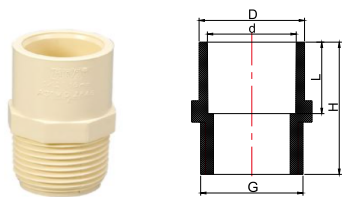
Nom Size	D	d2	L
1/2"	18	33	76.3
3/4"	24.2	40.3	86
1"	30.4	48.3	96.5



PART NO: CPAS011

TANK CONNECTOR

Nom Size	D	D1	L	H	H1	G
1/2"	13.4	39.4	30	66	8	1/2"
3/4"	19	45.4	35	74.3	10.1	3/4"
1"	23.5	51.4	40	82	12	1"
1 1/4"	31	61	45	90	12	1 1/4"
1 1/2"	36	67	50	98	14	1 1/2"
2"	45	79	55	106	14	2"

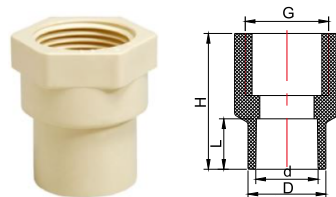


NSF

PART NO: CPA005

MALE ADAPTOR

Nom Size	D	d	G	H	L
1/2"	21.5	15.9	1/2"	41.4	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	47	23
1 1/4"	41.8	34.9	1 1/4"	55	28.1
1 1/2"	49.4	41.3	1 1/2"	62	33.5
2"	64.4	54	2"	75	43.5

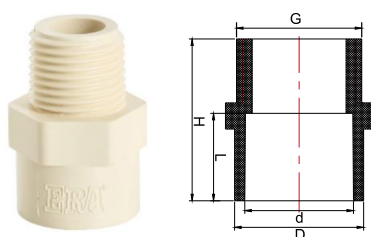


NSF

PART NO: CPA008

FEMALE ADAPTOR

Nom Size	D	d	G	H	L
1/2"	20	15.9	1/2"	35	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	50	19.3
1 1/4"	41.8	34.9	1 1/4"	58	28.1
1 1/2"	49.46	41.3	1 1/2"	68	33.5
2"	64.58	54	2"	87	43.5

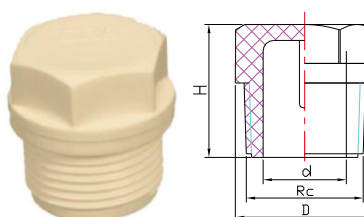


NSF

PART NO: CPAS06

REDUCING MALE ADAPTOR

Nom Size	D	d	G	H	L
3/4"X1/2"	26.85	22.2	1/2"	42	18

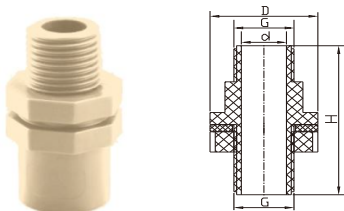


NSF

PART NO: CPA015

PLUG

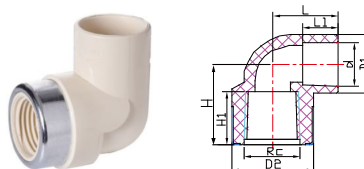
Nom Size	d	D	H	Rc
1/2"	13.4	24	29.2	1/2"
3/4"	18	20.9	32.5	3/4"
1"	23.5	39.2	37.5	1"



PART NO: CPA012

MALE ADAPTOR II

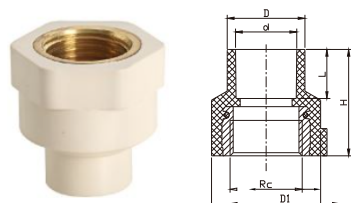
Nom Size	D	G	d	H
1/2"	39.4	1/2"	13.4	66
3/4"	45.4	3/4"	19	74.3
1"	51.4	1"	23.5	82



PART NO: CPAS012

90 DEGREE FEMALE ELBOW WITH RING

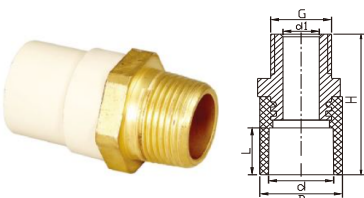
Nom Size	D1	D2	d	L	L1	H	H1	RC
1/2"	21.5	30.5	16.1	24.25	13	30.25	20	1/2"
3/4"X1/2"	26.85	30.5	22.45	33.25	18	33.58	20	1/2"



PART NO: CPAB07

II BRASS FEMALE THREAD ADAPTOR

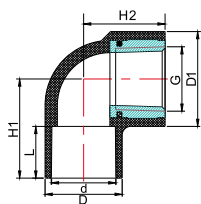
Nom Size	D	d	D1	RC	L	H
1/2"	21.7	15.9		1/2"	13	44.5
3/4"	28.5	22.45	40	3/4"	18	39
1"	35	28.83	51.86	1"	23	51.5
1 1/4"	44	35.2	60.5	1 1/4"	28.1	59.6
1 1/2"	51.5	41.67	68	1 1/2"	33.5	70
2"	66	54.38	82	2"	43.5	82



PART NO: CPAB08

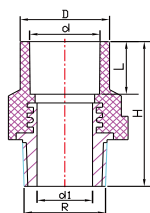
MALE BRASS REDUCING SOCKET

Nom Size	D	d	d1	G	L	H
3/4"X1/2"	28.5	22.45	12.5	1/2"	18	54
1"X1/2"	35	28.83	14	1/2"	23	59
1"X3/4"	35	28.83	19.7	3/4"	23	58.5


PART NO: CPAB01

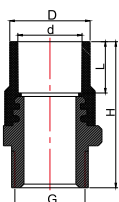
● BRASS THREAD FEMALE ELBOW

Nom Size	D1	D	d	L	G	H1	H2
1/2"	33	20.08	15.9	13	1/2"	29.5	26.56
3/4"	39	26.85	22.2	18	3/4"	35.5	28.15
3/4"X1/2"	33	26.85	22.2	18	1/2"	34.5	28.35
1"X1/2"	33	34.43	28.6	23	1/2"	38.5	35.07
1"X3/4"	39	34.43	28.83	23	3/4"	41	34
1"	44.9	34.43	28.83	23	1"	40	40
1 1/4"	59.5	41.8	35.2	28.1	1 1/4"	47.4	46.6


PART NO: CPAB06

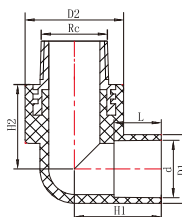
● II BRASS MALE THREAD ADAPTOR

Nom Size	D	d	d1	H	L	G
1/2"	20.1	15.9		35	13	1/2"
3/4"	28.5	17.7	22.45	49.6	18	3/4"
1"	35	23.5	28.83	66.1	23	1"
1 1/4"	44	28.5	35.2	73.6	28.1	1 1/4"
1 1/2"	51.5	33.5	41.67	81	33.5	1 1/2"
2"	66	44	54.38	97.1	43.5	2"


PART NO: CPAB03

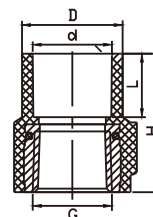
● BRASS THREADED MALE ADAPTOR

Nom Size	D	d	H	L	G
1/2"	21.7	15.9	48	13	1/2"
3/4"	28.5	22.2	53	18	3/4"
1"	35	28.6	71	23	1"
1 1/4"	44	34.9	80	28.1	1 1/4"
1 1/2"	51.5	41.3	88	33.5	1 1/2"
2"	64.4	54	94	38.5	2"


PART NO: CPAB11

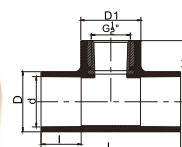
● BRASS THREAD MALE ELBOW

Nom Size	D1	D2	d	L	H1	H2	R
1/2"	21.58	32.5	16.07	13	28.5	26.25	1/2"
3/4"	26.85	38.5	22.45	18.5	34	33	3/4"
1"	34.43	47.5	28.83	23.5	44.5	38.8	1"


PART NO: CPAB05

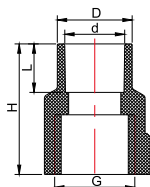
● BRASS THREAD REDUCING SOCKET

Nom Size	D	d	H	L	G
3/4"X1/2"	28.5	22.2	39.2	18	1/2"
1"X1/2"	34.4	28.6	44.5	23	1/2"
1"X3/4"	35	28.83	44	23	3/4"


PART NO: CPAB02

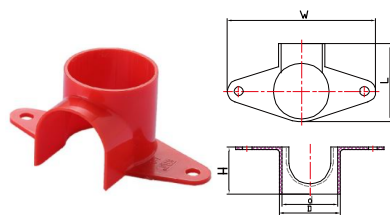
● BRASS THREADED FEMALE TEE

Nom Size	D1	D	d	L	G	L	H
1/2"	33.2	20	15.9	13	1/2"	52	39
3/4"X1/2"	33.2	26.8	22.2	18	1/2"	68.5	31.5
1"X1/2"	34.9	34.5	28.6	23	1/2"	80	35
1 1/4"	59.5	41.8	35.2	28.1	1 1/4"	94.8	45.9
1 1/4"X1/2"	33.2	41.8	35.2	28.1	1/2"	94.8	40

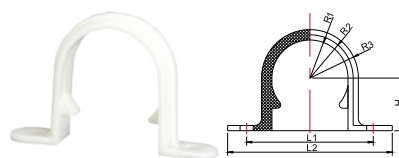

PART NO: CPAB04

● BRASS THREADED FEMALE ADAPTOR

Nom Size	D	d	H	L	G
1/2"	21.7	15.9	42.5	13	1/2"
3/4"	28.5	22.2	50	18	3/4"
1"	35	28.6	65	23	1"
1 1/4"	44	34.9	77	28.1	1 1/4"
1 1/2"	51.5	41.3	84	33.5	1 1/2"
2"	64.4	54	94	43.5	2"



PART NO: CPAS013



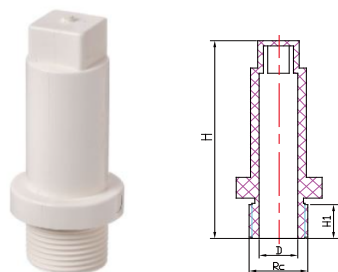
PART NO: CPAS006

● ELBOW HOLDER

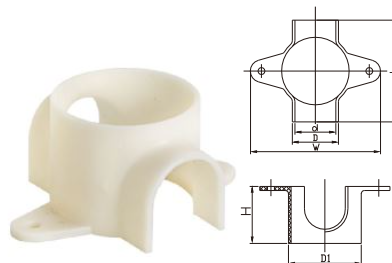
Nom Size	D	d	H	W	L
1"X1/2"	36	33	27.5	88	46
3/4"X1/2"	36	33	34	88	46

● BRACKET

Nom Size	R1	R2	R3	H	L1	L2
2"	26.5	29.1	31.7	34.4	83.6	99
1 1/2"	20	22.5	25	28	68.6	84
1 1/4"	16.8	18.9	21	23.4	54	72.2
1"	14	15.6	17.2	19.4	43.2	55.6
3/4"	11	12.5	14	15.2	36.6	47.6
1/2"	7.8	9.2	10.6	12.6	27.6	39



PART NO: CPAS014



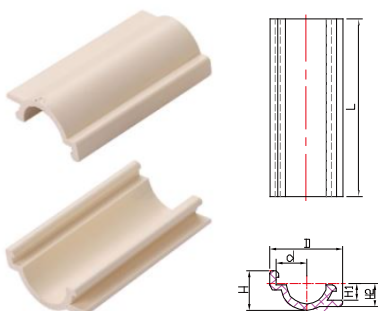
PART NO: CPAS009

● LONG PLUG

Nom Size	D	Rc	H	H1
1/2"	13.5	1/2"	77	13
3/4"	19	3/4"	80	13.5

● TEE HOLDER

Nom Size	D	D1	d	W	L	H
1/2"X1/2"X1/2"	22.68	35.8	20.08	63.87	50	28
3/4"X3/4"X1/2"	29.45	35.8	26.85	64	56.2	35



PART NO: CPAS015

● PUNCHARE KIT

Nom Size	D	d	H	H1	H2	L
1/2"	29	12	16.05	6.5	9	70
3/4"	38.5	16	20	8	11	70



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