

PVC PRESSURE PIPES&FITTINGS (DIN STANDARD)

PVC PRESSURE PIPES & FITTINGS PN10

ISO1452

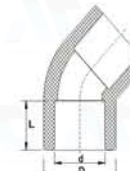


ITEM NO: US001



■ PRESSURE PIPES PN10

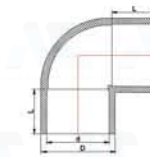
Size Nom	Outer Dia	Wall Thickness
40	40	2.0
50	50	2.4
63	63	3.0
75	75	3.6
90	90	4.3
110	110	4.8
160	160	7.6
200	200	8.7



ITEM NO: USE01

■ 45° ELBOW

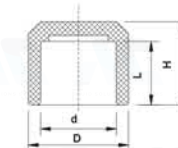
Size Nom	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	106
250	274.6	250	119
280	306	280	131
315	343	315	147
355	385	355	164
400	431	400	184



ITEM NO: USE02

■ 90° ELBOW

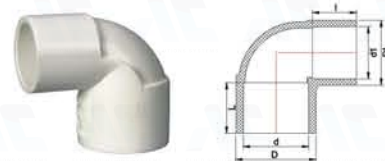
Size Nom	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	119
250	274.6	250	131
280	306	280	147
315	343	315	164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



ITEM NO: US016

■ END CAP

Size Nom	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



ITEM NO: USE07

REDUCING ELBOW

Size Nom	D	d	L	D1	d1	I
25×20	30.9	25	20	25	20	20



ITEM NO: US012

MALE ADAPTOR

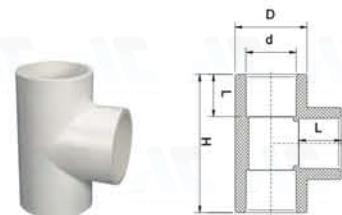
Size Nom	D	d	G	L	H	d1
20	27.4	20	1/2"	16	37	14
25	33.2	25	3/4"	19	43	18.5
32	40.6	32	1"	23	50.7	25
40	49.3	40	1 1/4"	26	58	32
50	60.3	50	1 1/2"	31.5	61	36
63	85.8	63	2"	38	73	47
75	89	75	2 1/2"	44	90	60
90	105.4	90	3"	51	108	69.2
110	130	110	4"	61.5	119	92



ITEM NO: US003

COUPLING

Size Nom	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



STRAIGHT TEE

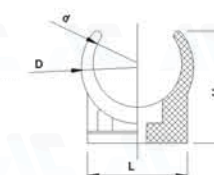
Size Nom	D	d	L	H
20	31.2	20	17	57
25	30.8	25	19.5	67
32	38.3	32	23	81
40	47.9	40	28.5	102
50	58.3	50	33.5	123
63	72.9	63	40	148
75	87.6	75	44	166
90	105.4	90	51	196
110	126.4	110	61	236.4
125	142.4	125	69	268
140	159	140	76.5	298
160	180.6	160	86	338
180	196.6	180	96	377
200	225.6	200	107	434
225	245	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



ITEM NO: US011

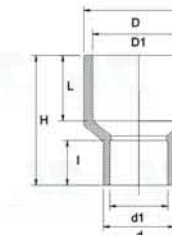
FEMALE ADAPTOR

Size Nom	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
25×1 1/2"	32.5	25.3	1 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



PIPE BRACKET

Size Nom	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	32.5
40	50	39.5	39.6	40.5
50	61.2	49.5	44	49.5
63	77	62.5	60	59



ITEM NO: US004

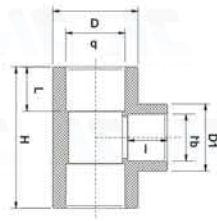
REDUCING COUPLING

Size Nom	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

Size Nom	D	D1	L	d	d1	I	H
140×110	152.4	140	76	120	110	61	162
160×90	174	160	86	98.8	90	51	179
160X110	180.6	160	86.5	126.4	110	61	190
160×125	174	160	86	136	125	70	180
160×140	174	160	86	152.4	140	76	182
180×160	196.6	180	96	174	160	86	198
200×110	217.6	200	106	120	110	61	220
200X160	225.6	200	107	180.6	160	86.5	238.5
200×180	217.6	200	106	196.6	180	96	219
225×110	245	225	120	120	110	61	221
225×160	245	225	120	174	160	86	234
225×200	245	225	119	217.6	200	106	243
250×110	274.6	250	131	120	110	61	271
250×160	274.6	250	131	174	160	86	271
250×200	274.6	250	131	217.6	200	106	271
250×225	274.6	250	131	245	225	119	270
280×250	306	280	147	274.6	250	132	301
315×110	343	315	164.5	120	110	61	336
315×160	343	315	164.5	174	160	86	336
315×200	343	315	164.5	217.6	200	106	336
315×250	343	315	164.5	274.6	250	131	336
315×280	343	315	164.5	306	280	147	338
355×200	385	355	184	217.6	200	106	379
355×315	385	355	184	343	315	164	380
400×200	431	400	206	217.6	200	106	422
400×250	431	400	206	274.6	250	131	422
400×315	431	400	206	343	315	164	422
400×355	431	400	206	385	355	184	420

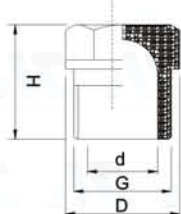


FLUID SOLUTIONS SYSTEMS
ITEM NO: UST02



REDUCING TEE

Size Nom	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	70	98.8	90	51	248
140X110	152.4	140	76	120	110	61	268.5



THREAD PLUG

Size Nom	D	d	G	H
20	24	13	1/2"	28
25	30.4	19	3/4"	30.7

ITEM NO: US010



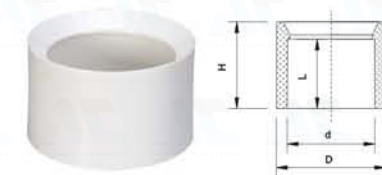
FLUID SOLUTIONS SYSTEMS
ITEM NO: US013+US014



ITEM NO: US013+US014

PLANE FLANGE & SHORT PIPE FOR FLANGE

Size Nom	d1	d2	d3	d4	h	D1	D2	H
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



ITEM NO: US005

REDUCING RING

Size Nom	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
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



TS FLANGE

Size Nom	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



ITEM NO: USF001

FEMALE REDUCING TEE

Size Nom	D1	D2	d	L	H	h	G
63X3/4"	75	34	63	40	113	51.5	3/4"



ITEM NO: USG001

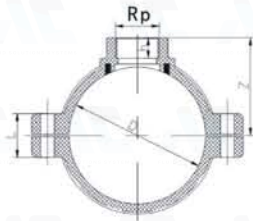
GIBOT

Size Nom	D	d	d1	d2	d3	L
63	90.6	64.5	76	75	64	79.5
90	132.5	91	109.5	91	91	105
110	154.5	111	131.5	129.4	111	130.6
160	211	161	184.5	184		155.6
200	260.7	201	229.4	228.8		205.6
225	291.6	226	257.3	256.8		230.6
250	320.2	251	285.1	284.6		255.6



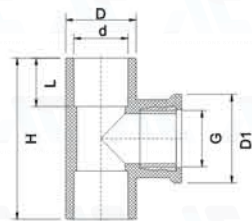
FLUID SOLUTIONS SYSTEMS

ITEM NO:USS01



■ UPVC SADDLE CLAMP

Nom Size	D	Rp	H	Z	L
50×25	50	25	26	59	23
63×25	63	25	26	65	28
63×1"	63	1"	21	60	28
75×3/4"	75	3/4"	20	65	31
75×1-1/2"	75	1-1/2"	24	68	31
90×25	90	25	26	80	36
90×1"	90	1"	24	79.5	36
90×1-1/2"	90	1-1/2"	24	75	36
110×1/2"	110	1/2"	24	88.5	38
110×3/4"	110	3/4"	20	88.5	38
110×1"	110	1"	24	88.5	38
110×1-1/2"	110	1-1/2"	35	97	38
110×2"	110	2"	35	97	38
110×2-1/2"	110	2-1/2"	35	97	38
125×1-1/2"	125	1-1/2"	37	105	37
125×2"	125	2"	37	105	37
125×2-1/2"	125	2-1/2"	37	105	37
160×1"	160	1"	24	114.5	55
160×1-1/2"	160	1-1/2"	36	125	55
160×2"	160	2"	36	125	55



ITEM NO: UST03

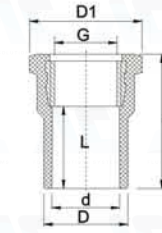
■ COPPER THREAD TEE

Size Nom	D	d	L	G	H	D1
20 × 1/2"	25	20	17	1/2"	60	33
25 × 1/2"	30.8	25	19.5	1/2"	68	33
25 × 3/4"	30.8	25	19.5	3/4"	73	40
32 × 1/2"	38.3	32	23	1/2"	68	33
32 × 3/4"	38.3	25	23	3/4"	73	40
32 × 1"	38.3	32	23	1"	90	45



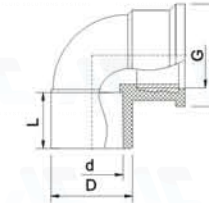
FLUID SOLUTIONS SYSTEMS

ITEM NO: US009



■ COPPER THREAD COUPLING

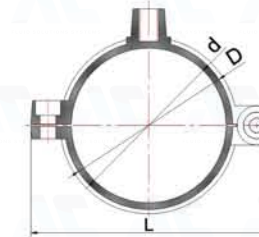
Size Nom	D	d	D1	G	L	H
20 × 1/2"	25	20	33.5	1/2"	24.5	40
25 × 1/2"	30.8	25	35.3	1/2"	19.5	43
25 × 3/4"	30.8	25	40.4	3/4"	28	45
32 × 1/2"	38.3	32	33.5	1/2"	23	43
32 × 3/4"	38.3	25	44.2	3/4"	23	47
32 × 1"	38.3	32	50	1"	23	49



ITEM NO: USE03

■ 90° COPPER THREAD ELBOW

Size Nom	D	d	L	G	D1
20 × 1/2"	25	20	17	1/2"	33
25 × 1/2"	30.8	25	19.5	1/2"	33
25 × 3/4"	30.8	25	19.5	3/4"	40
32 × 1/2"	38.3	32	23	1/2"	33
32 × 3/4"	38.3	25	23	3/4"	40
32 × 1"	38.3	32	23	1"	45



ITEM NO: US006

■ PIPE CLAMP

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



FLUID SOLUTIONS SYSTEMS
ITEM NO:USC01



ITEM NO: US008

U-BRACKET

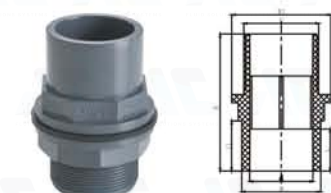
Size	Nom	D	d	L	H
20	24	19.5	22	46.8	
25	32.8	24.5	29.4	52	
32	40.5	31.5	37	57	
40	50	39.5	39.6	64	
50	61.2	49.5	44	69.8	
63	77	62.5	60	80	



ITEM NO:US009

CLAMP (PP)

Size	Nom	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	



ITEM NO:USG002

FLANGE COUPLING M/F

Size	Nom	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"	
50x63x2"	50	63	79	33.5	40	109.3	21	2"	
63x75x2 1/2"	63	75	95	40	44	120	23	2 1/2"	



HOSE CONNECTOR

Size	Nom	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



GLUE FOR WATER SUPPLY

Weight g
100 300 500 1000
EXECUTIVE STANDARD: QB/T 2568-2002



GLUE FOR PRESSURE

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML
STANDARD: QB/T 2568-2002

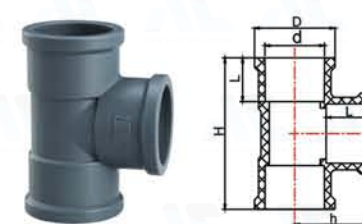


PIPE CLEANER

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML
STANDARD: QB/T 2568-2002



FLUID SOLUTIONS SYSTEMS
ITEM NO:US II 002



ITEM NO:US II 001

TEE

Size	Nom	d1	d2	L	h	H
20	20	28.5	16.5	28	54.2	
25	25	34	18.5	31.8	64	
32	32	43	22.5	40	78.2	
40	40	51.5	26.2	47.1	95	
50	50	63	31.3	58	115	
63	63	80	37.5	70	140	



REDUCING TEE

Size	Nom	d1	d2	d3	d4	L1	L2	h	H
25x20	25	34	20	28.5	18.5	16.5	29.6	59.2	
32x25	32	43	25	34	22.5	18.5	35.5	71.6	
40x32	40	51.5	32	43	26.2	22.5	44	86.5	
50x32	50	63	32	43	31.3	22.5	48.5	97	
50x40	50	63	40	51.5	31.3	26.2	53	105.5	



ITEM NO:US II 003

90° ELBOW

Size	Nom	d1	d2	h	L
20	20	28.5	27.4	16.5	
25	25	34	32	18.5	
32	32	43	39.3	22.5	
40	40	51.5	47.8	26.2	
50	50	63	58.5	31.3	
63	63	80	70.5	37.5	



ITEM NO:US II 004

REDUCING ELBOW

Size	Nom	d1	d2	d3	d4	L1	L2	h1	h2
25x20	25	34	20	28.5	18.5	16.5	29.8	30	
32x25	32	43	25	34	22.5	18.5	35.7	36.1	
40x32	40	51.5	32	43	26.2	22.5	44	44.8	



ITEM NO:US II 005

COUPLING

Size	Nom	d1	d2	H	L
20	20	28.5	35	16.5	
25	25	34	40.3	18.5	
32	32	43	47.6	22.5	
40	40	51.5	55.5	26.2	
50	50	63	65.7	31.3	

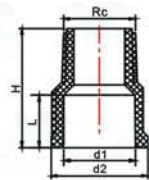


ITEM NO:US II 006

FEMALE ADAPTOR

Size	Nom	Rc	H	d1	d2	L
20x1/2"	1/2"	36.2	20	28.5	16.5	
25x3/4"	3/4"	40.2	25	34	18.5	
32x1"	1"	47.5	32	43	22.5	
40x1 1/4"	1 1/4"	55	40	51.5	26.2	
50x1 1/2"	1 1/2"	57.5	50	62	31.3	

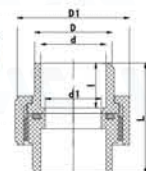
PVC PRESSURE FITTINGS TYPE II



ITEM NO:USII007

MALE ADAPTOR

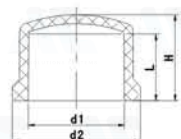
Nom Size	Rc	H	d1	d2	L
20x1/2"	1/2"	38	20	28.5	16.5
25x3/4"	3/4"	42	25	34	18.5
32x1"	1"	49.5	32	43	22.5
40x1 1/4"	1 1/4"	56	40	51.5	26.2
50x1 1/2"	1 1/2"	65.7	50	63	31.3
63x2"	2"	78.6	63	80	37.5



ITEM NO:USII009

UNION TYPE III

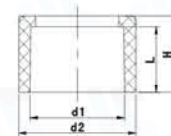
Nom Size	D1	D	d	d1	L
20	48	30.2	20	15	16.5
25	55	36.8	25	22	18.5
32	55	38	32	27.5	22.5
40	76	52	40	32.8	26.2
50	85	59	50	40	31.3
63	101	72.8	63	53.5	37.5



ITEM NO:USII011

END PLUG

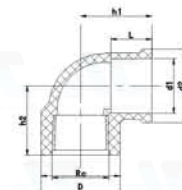
Nom Size	d1	d2	L	H
20	20	28.5	16.5	21.5
25	25	34	18.5	25
32	32	43	22.5	29
40	40	51.5	26.2	33
50	50	63	31.3	39.2
63	63	80	37.5	47.4



FLUID SOLUTIONS SYSTEMS
ITEM NO:USII008

REDUCING RING

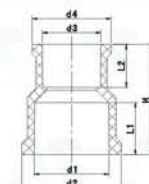
Nom Size	d1	d2	L	H
25X20	20	25	16.5	18.7
32X25	25	32	18.5	22.2
40X32	32	40	22.5	26.2
50X40	40	50	26.2	31.6
63X50	50	63	31.3	37.9



ITEM NO:USII010

FEMALE ELBOW

Nom Size	d1	d2	D	Rc	L	h1	h2
20x1/2"	20	28.5	30.2	1/2"	16.5	26.4	28.5
25x3/4"	25	34	36.6	3/4"	18.5	33	32
32x1"	32	43	44	1"	22.5	39.4	39.5



ITEM NO:USII012

REDUCING COUPLING

Nom Size	d1	d2	d3	d4	L1	L2	H
25x20	25	34	20	28.5	18.5	16.5	40
32x25	32	43	25	34	22.5	18.5	47.6
40x32	40	51.5	32	43	26.2	22.5	56
50x32	50	43	43.7	32.3	29.5		61.5



ITEM NO:USII014

FLANGE COUPLING

Nom Size	D1	D2	D	d	d1	L	G	Tr
32x1"	79.5	73.8	44	32	28.6	22.5	64	1"
40x1 1/4"	87.6	82	54.8	40	35	26.2	64	1 1/4"
50x1 1/2"	95	87.5	61	50	43	36.3	67.2	1 1/2"
63x2"	109	102	74.8	63	54.4	37.5	67.5	2"

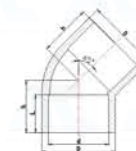
PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)



ITEM NO: US6001

PRESSURE PIPES PN16

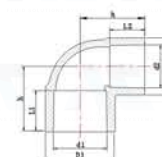
Size	Nom	Outer Dia	Wall Thickness
20	20	20	2.0
25	25	25	2.0
32	32	32	2.4
40	40	40	3.0
50	50	50	3.7
63	63	63	4.7
75	75	75	5.6
90	90	90	6.7
110	110	110	7.2



ITEM NO:US6E01

45° ELBOW

Nom 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
160	188	160	86.5	123



ITEM NO:US6E07

REDUCING ELBOW

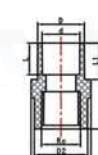
Size	Nom	D1	d1	L1	D2	d2	L2	h
25x20	33	25	19.5	27	20	16.5	30.5	



FLUID SOLUTIONS SYSTEMS
ITEM NO: US6E02

90° ELBOW

Nom 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
160	188	160	86.5	169.5



ITEM NO:USF002

FEMALE ADAPTOR M/F

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



ITEM NO:US6T01

TEE

Nom 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
160	188	160	86.5	337	168.5

PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)



ITEM NO: US6E03

FEMALE ELBOW

Nom Size	D1	D2	d	L	h1	h2	Rc
20x½"	28.6	28.6	20	16.5	28	28.5	½"
25x½"	33	28.6	25	19.5	31.5	31.5	½"
25x¾"	35.1	35.1	25	19.5	34	33	¾"
32x½"	41.3	29.6	32	22.5	34.5	35	½"
32x¾"	41.3	35	32	22.5	37	36.5	¾"
32x1"	44.3	44.3	32	22.5	40	40.5	1"
40x1¼"	52.4	52.4	40	26.5	49	46.5	1¼"
50x1½"	61	61	50	31.5	56.5	52	1½"
63x2"	75.9	75.9	63	38.5	69	63	2"
75x2½"	89.8	89.8	75	44.5	83	74.5	2½"
90x3"	107.8	107.8	90	51.5	96.5	84	3"
110x4"	135.5	135.5	110	61.5	119	105.5	4"



ITEM NO: US6T03

FEMALE TEE

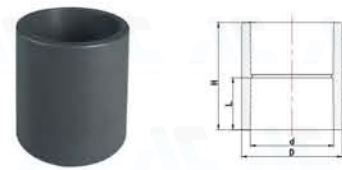
Nom Size	D1	D2	d	L	h1	h2	H	Rc
20x½"	28.6	28.6	20	16.5	27.5	29	55	½"
25x½"	33	28.6	25	19.5	30.5	31.5	61	½"
25x¾"	34.2	34.2	25	19.5	33	33.5	66	¾"
32x½"	41.3	29.6	32	22.5	34	35	68	½"
32x¾"	41.3	35	32	22.5	36.5	36.5	73	¾"
32x1"	42.3	42.3	32	22.5	40	40	80	1"
40x1¼"	52.4	52.4	40	26.5	47.5	46.5	95	1¼"
50x1½"	61	61	50	31.5	55.5	51.5	111	1½"
63x2"	75.9	75.9	63	38.5	68.5	62	137	2"
75x2½"	89.8	89.8	75	44.5	83	73.5	166	2½"
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"



ITEM NO: US6021

FEMALE ADAPTOR M/F

Nom	D	D1	d	L	H	Rc
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ITEM NO: US6003

COUPLING

Nom 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



ITEM 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

PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)



ITEM NO: US6011

FEMALE ADAPTOR

Nom Size	D	d	L	H	Rc
20x½"	28.6	20	16.5	35.5	½"
25x¾"	34	25	19.5	40	¾"
32x1"	42.3	32	22.5	46.6	1"
40x1¼"	51.4	40	26.5	54.5	1¼"
50x1½"	62.5	50	31.5	59.5	1½"
63x2"	77.4	63	38.5	71.5	2"
75x2½"	91.3	75	44.5	80.5	2½"
90x3"	109.8	90	51.5	90.5	3"
110x4"	133	110	61.5	107	4"



ITEM NO: US6012

MALE ADAPTOR

Nom Size	D	d	d1	L	H	R
20x½"	28.6	20	12	16.5	38.5	½"
20x¾"						
25x¾"	34	25	17	19.5	44	¾"
25x1"						
32x1¼"						
32x1"	42.3	32	22	22.5	52.5	1"
40x1¼"	51.4	40	30	26.5	58	1¼"
40x1½"						
50x1½"	62.5	50	34.5	31.5	64	1½"
50x2"						
63x2"	77.4	63	44.4	38.5	74	2"
75x2½"	91.3	75	57.7	44.5	83.5	2½"
90x3"	109.8	90	66.7	51.5	98.5	3"
110x4"	133	110	88.7	61.5	116.5	4"



ITEM NO: US6017

FEMALE CAP

Nom Size	D	H	Rc
20x½"	28.6	24	½"
25x¾"	35.2	26	¾"
32x1"	43.3	32	1"
40x1¼"	53	35	1¼"
50x1½"	59.4	36.2	1½"



ITEM 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

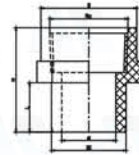


ITEM NO: US6016

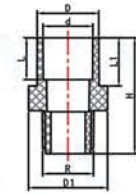
END CAP

Nom 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
				81.5

PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)



ITEM NO:US6018



ITEM NO:US6019

MALE ADAPTOR M/F

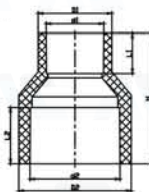
Size	Nom	D1	D	d	L	L1	H	Rc
25X20X1/2"		32	25	20	17	19.5	46	1/2"
25X32X1/2"		32	25.3	22	27	14	48	1/2"
25X32X3/4"		32	25.3	22	27	18.5	50	3/4"
32x25x3/4"		50	40.4	22	31.5	26.5	63.5	3/4"
40X32X1"		43	40	32	32.50	26.50	57	1"
50x40x1"		32	25.3	17	22.5	19.5	50.5	1"
50x40x1 1/4"		50	40.4	30	31.5	26.5	65.5	1 1/4"
63X50X1 1/2"		68	63	50	45	38	72	1 1/2"
63X50X2"		68	63	50	45	38	78	2"
75X63X2"		81	75	63	51.50	44	85	2"
90X75X2"		97	90	75	57	51.50	93.50	2"
110X90X3"		119	110	90	69.50	61.50	112.50	3"



ITEM NO:US6T02

REDUCING TEE

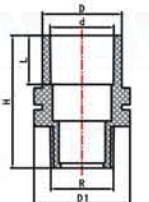
Nom Size	D1	d1	L1	h1	D2	d2	L2	h2	H
25x20	33	25	19.5	31	27	20	16.5	30.5	62
32x20	41.3	32	22.5	34	27	20	16.5	34	68
32x25	41.3	32	22.5	36.5	33	25	19.5	37	73
40x20	50.4	40	26.5	38	27	20	16.5	38	76
40x25	50.4	40	26.5	40.5	33	25	19.5	40.5	81
40x32	50.4	40	26.5	44.5	41.3	32	22.5	43.5	89
50x20	61	50	31.5	43.5	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



ITEM 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

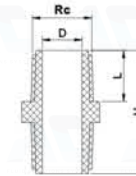


ITEM NO:USM002

MALE ADAPTOR III

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

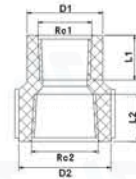
PVC THREAD FITTINGS (BS STANDARD)



ITEM NO:TPF001

NIPPLE M/M

Nom Size	Rc	L	H	D
1/2"	1/2"	17	41	13.4
3/4"	3/4"	18.5	45	18.4
1"	1"	22.6	54.2	25.2
1 1/4"	1 1/4"	23	54	31.5
1 1/2"	1 1/2"	24	56	36.5
2"	2"	26	60.5	47.5
2 1/2"	2 1/2"	30	69	64
3"	3"	32	73.5	74.6
4"	4"	37.5	85	98.8



ITEM NO:TPF002

FEMALE REDUCING COUPLING F/F

Nom Size	Rc1	Rc2	D1	D2	L1	L2	H
3/4"x 1/2"	1/2"	3/4"	30	36.5	17.5	18.5	41.6
1"x1/2"	51	91.8	58	74.6	43.5	92.5	120
1"x3/4"	3/4"	1"	36.5	44	18.5	22	45.5



ITEM NO:TPF003

FEMALE ELBOW F/F

Nom Size	Rc	L	H	D
1/2"	1/2"	17	28	30
3/4"	3/4"	18.5	32.75	36.5
1"	1"	22	39.5	44
1 1/4"	1 1/4"	24	47	54.6
1 1/2"	1 1/2"	25	49	60.4
2"	2"	29	61.2	74
2 1/2"	2 1/2"	31.5	72	93.3
3"	3"	33	79.15	104.6
4"	4"	36.5	96.2	132.5



ITEM NO:TPF004

FEMALE TEE F/F/F

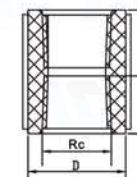
Nom Size	L	D	Rc	H	H1
1/2"	17	30	1/2"	56.6	28.4
3/4"	18.5	36.5	3/4"	65.5	32.8
1"	22.6	44	1"	87	44.5
1 1/4"	23.5	53.4	1 1/4"	94	47
1 1/2"	25	60.2	1 1/2"	99	49.5
2"	28	74	2"	120.4	60.2
2 1/2"	31.5	93.3	2 1/2"	144	72
3"	33	105.6	3"	158.3	79.15
4"	37.5	132.8	4"	194.4	97.2



ITEM NO:TPF005

FEMALE REDUCING TEE F/F/F

Nom Size	L1	L2	D1	D2	Rc1	Rc2	H	H1
3/4"x 1/2"	18.5	17.1	36.5	30	3/4"	1/2"	59	109.8
1"x1/2"	51	91.8	58	74.6	43.5	92.5	120	152.4
1"x3/4"	22.6	18.5	44	36.5	1"	3/4"	72.3	37.2

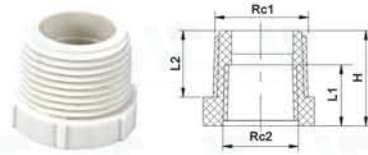


ITEM NO:TPF006

FEMALE COUPLING F/F

Nom Size	Rc	L	H	D
1/2"	1/2"	17.5	37.5	30
3/4"	3/4"	18.5	40.3	36.5
1"	1"	22	48.3	44
1 1/4"	1 1/4"	54.3	40.3	51.5
1 1/2"	1 1/2"	26.5	56	60.8
2"	2"	28	59	74.2
2 1/2"	2 1/2"	30	63	95.7
3"	3"	32	66	109.4
4"	4"	37.5	78	135.6

PVC THREAD FITTINGS (BS STANDARD)



ITEM NO: TPF007

REDUCER M/F

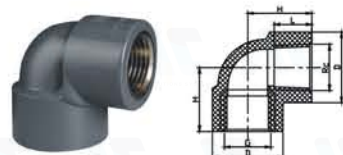
Nom Size	Rc1	Rc2	L1	L2	H
3/4" x 1/2"	1/2"	3/4"	17	18.5	26.5
1" x 1/2"	1/2"	1"	17	22.6	31
1" x 3/4"	3/4"	1"	18.5	22.6	31.6
1 1/4" x 3/4"	1 1/4"	3/4"	18.5	22.5	31.5
1 1/4" x 1"	1 1/4"	1"	22	22.5	31.5
1 1/2" x 3/4"	1 1/2"	3/4"	18.5	23	33
1 1/2" x 1"	1 1/2"	1"	22	23	33
1 1/2" x 1 1/4"	1 1/2"	1 1/4"	24.5	23	33
2" x 1"	2"	1"	22	26	37
2" x 1 1/4"	2"	1 1/4"	24.5	26	37
2" x 1 1/2"	2"	1 1/2"	25	26	37
3" x 2 1/2"	3"	2 1/2"	28	32	43
3" x 2"	3"	2"	31	32	43
4" x 2"	4"	2"	28	38	50
4" x 3"	4"	3"	34	38	50



ITEM NO: TPF008

THREAD PLUG

Nom Size	D	d	Rc	H
1/2"	24	13	1/2"	26.5
3/4"	31	17.8	3/4"	31
1"	39.2	23	1"	37.5
1 1/4"	43.3	31.5	1 1/4"	36
1 1/2"	50	36.5	1 1/2"	38.5
2"	57	47.5	2"	43



ITEM NO: TPF009

FEMALE ELBOW W/BRASS

Nom Size	D	Rc	L	H
1/2"	32	1/2"	17	29



ITEM NO: TPF011

FEMALE TEE W/BRASS

Nom Size	D	Rc	L	H	H1
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ITEM NO: TPF015

FEMALE UNION

Nom Size	D1	D	G	d1	I	L
1/2"	48	30.2	1/2"	15	17	45.5
3/4"	55	36.8	3/4"	22	19	51.5
1"	64	44	1"	26	21	54.2
1 1/4"	77.5	52	1 1/4"	32.8	25.9	68.2
1 1/2"	86.5	59	1 1/2"	40	31.3	74.3
2"	101	72.8	2"	53.5	37.5	85.2



ITEM NO: TPF010

REDUCING ELBOW W/BRASS

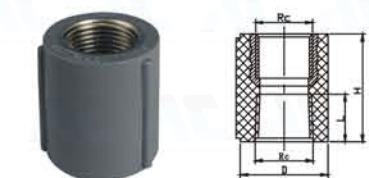
Nom Size	D1	Rc1	D2	Rc2	L1	H1	H2
3/4" x 1/2"	36	3/4"	32	1/2"	18.5	31	32.5



ITEM NO: TPF012

90° ELBOW M/F

Nom Size	D	R(Rc)	d	L	H1	H2
1/2" x 1/2"	30	1/2"	13	17	28	34.5
3/4"	36.5	3/4"	18.4	18.5	32.75	39.55
1"	44	1"	22.6	22	39.5	46.8
1 1/4"		1 1/4"				
1 1/2"	60.8	1 1/2"	36.6	25	51.5	59.4
2"	74	2"	47	28.61		69.5
2 1/2"	93.2	2 1/2"	58	31	72.5	82.5



ITEM NO: TPF013

FEMALE ADAPTOR W/BRASS

Nom Size	D	Rc	L	H
				39.5

PVC THREAD FITTINGS (BS STANDARD)



ITEM NO: TPF021

BRASS FEMALE THREAD REDUCING TEE F/F

Nom Size	D1	D2	d	L	H	h	Rc
1" x 1/2"	41.7	28.5	33.69	23	69.6	35	1/2"
1 1/2" x 1/2"	59.8	28.5	48.38	30.5	85.5	42	1/2"
2 1/2" x 1/2"	74.5	28.5	60.5	36.5	102	51	1/2"



ITEM NO: TPF014

MALE ELBOW W/UNION

Nom Size	D	R(Rc)	d	L	H1	H2	D1
1/2"	30	1/2"	13.5	17	28	66.5	48



ITEM NO: TPF016

MF THREAD UNION

Nom Size	D1	D	R	d1	I	L
1/2"	48	30.2	1/2"	13.5	15	61
3/4"	55	36.8	3/4"	18	18	68
1"	55	45.5	1"	23	22	77



ITEM NO: TPF017

FEMALE THREAD CAP

Nom Size	D	H	Rc
1/2"	30	24.4	1/2"



ITEM NO: TPF018

FEMALE THREAD ELBOW WITH EAR

Nom Size	D	L	H	H1	H2	Rc
1/2"	30	17	28	52.5	56.6	1/2"



ITEM NO: TPF019

REDUCING NIPPLE

Nom Size	D	D1	D2	L	L1	H	R	R1
1/2" x 3/4"	13.4	18.4	32.2	17	18.5	43.5	1/2"	3/4"
1" x 3/4"	18.4	22.6	40	18.5	21	48.5	3/4"	1"
1 1/4" x 1"	22.6	31.4	47	21	22.5	52.5	1"	1 1/4"



ITEM NO: TPF020

REDUCING FEMALE ELBOW

Nom Size	D	D1	L	L1	H	H1	R	R1
1/2" x 3/4"	30	36.5	17	18.5	30.95	30.2	1/2"	3/4"
1" x 3/4"	36.5	44	18.5	22	34.5	36.5	3/4"	1"