

PVC/CPVC DIN STANDARD PN16

PRODUCT INTRODUCTION

As the series of piping network products for water supply and drainage with matur e technology, Pipes and fittings of PVC-U are one of the largest outputs for plastic products in the world, which already had been used widely both at home and abroad. For TOMEX PVC-U water supply piping network, the raw materials and finished products are both match or exceed the relative standards. So TOMEX PVC-U piping network can suit for the equipments of drinking water supply. The piping networks are designed for the uninterrupted supply of water condition from 20℃ to 50℃. Under this condition, service life of piping network can up to 50 years. TOMEX PVC-U piping network have the full series size and model of fittings for building water supply, which can suit for many kinds of requirement.

The series of PVC-U PN16 pressure fittings can match the standard GB/T 10002.2 or DIN 8063, and the series of PVC-U PN16 pressure pipes can match the standard GB/T 10002.1 or DIN 8063.

FEATURES OF PRODUCT

- **High Flow Ability:**
  The inside and outside wall are smooth, the coefficient of friction is small, roughness is only 0.008 to 0.009, anti-fouling property is strong, fluid transport efficiency is enhanced 25% than cast iron piping network.
- **Corrosion Resistant:**
  PVC-U material has strong resistance to most of acid and alkali. No rust, no antiseptic treatment. The service life is 4 times than that of cast iron.
- **Light Weight and Easy Installation:**
  Weight is very light. The density of PVC-U is only 1/5 to 1/6 of that of cast iron. The method of connection is very simple, and the process of installation is very quickly.
- **High Tensile Strength:**
  PVC-U has high tensile strength, and high shock strength. The piping network of PVC-U is not easy to break, and it works safety.
- **Long Service Life:**
  The piping network with normal material can be used around 20 to 30 years, but the PVC-U piping network can be used longer than 50 years.
- **Cheaper Prices:**
  The price of PVC-U piping network are cheaper than that of cast iron.

FIELDS OF APPLICATION

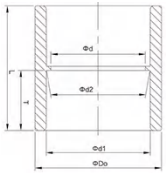
Piping networks for water supply in building.

Piping networks for piping system in water treatment plant.

Piping networks for water farming.

Piping networks for irrigation, normal water transport for industry.

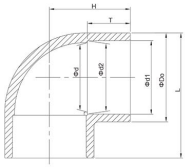




A050101 Couping

Size	DO	d1	d2	T	d	L
15 (20)	26.3	20.3	19. 95	16.2	18	34.4
20(25)	31.8	25.3	24.95	18.7	23	39.4
25(32)	39.9	32.3	31.9	22.2	30	46.4
32 (40)	49.7	40.4	39.9	26.2	38	54.4
40 (50)	61.9	50.4	49.9	31.2	48	64.4
50 (63)	77.9	63.4	62.9	37.7	61	77.4
65(75)	91.2	75.4	74.9	43. 7	68.2	90.4
80 (90)	107. 6	90.5	89.9	51.2	83.8	106.4
100(110)	127	110.6	109.9	61.2	103	128
de125	144.3	125.7	124.9	68. 7	118. 6	144
125(140)	161.6	140.8	139.9	76.2	133.8	160
150(160)	184. 6	160.8	159.9	86.2	153.8	180
de180	202. 6	180.9	179.9	97	178.5	199
de200	230.5	201	199.9	106.2	193.5	218
200(225)	259.4	226.2	224.9	118.7	216. 9	243
de250	287.9	251.3	249.9	131.2	241.9	270
250 (280)	314.8	281.5	279.9	147	278	301
300(315)	358.2	316. 7	314.9	163.7	306.9	335.4
350 (355)	391	356. 8	355	184	326	386
400(400)	442	402	400	204.2	369.8	424

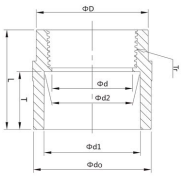




A050103 Elbow

Size	D0	d1	d2	T	d	H	L
15 (20)	26.3	20.3	19.95	16.2	18	27.7	40.8
20 (25)	31.8	25.3	24.95	18.7	23	32.7	48.6
25(32)	39.9	32.3	31.9	22.2	30	39.7	59.6
32(40)	49.7	40.4	39.9	26.2	38	47.7	72.5
40 (50)	61.9	50.4	49.9	31.2	48	57.7	88.7
50 (63)	77.9	63.4	62.9	37.7	61	70.7	109.7
65(75)	91	75.4	74.9	43.7	70.9	82.5	128
80(90)	107.4	90.5	89.9	51.2	85.9	97.5	151.2
100(110)	127	110.6	109.9	61.2	103.9	117.5	181.1
de125	144.3	125.7	124.9	68.7	118.9	132.5	204.7
125(140)	162.3	140.8	139.9	76.2	133.9	148	229.1
150(160)	184.6	160.8	159.9	86.2	153.5	168.5	260.8
de180	202.6	180.9	179.9	97	178.5	190	291.3
de200	230.5	201	199.9	106.2	193.5	208	323.3
200 (225)	259.4	226.2	224.9	118.7	216.9	233.6	363.2
de250	287.9	251.3	249.9	131.2	241.9	258.5	402.5
250 (280)	314.8	281.5	279.9	147	278	291	448.4
300 (315)	358.2	316.7	314.9	163.7	306.9	323	502.1
350 (355)	391	356.8	355	184	326	368.3	561.4
400(400)	442	402	400	204.2	369.8	413	629.4

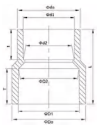




A050105 Female Coupling

Size	do	d1	d2	T	d	D	L	Tr
15(20)	26.8	20.3	19. 95	16. 5	16.5	27.6	33.5	Rc1/2
20(25)	32.5	25.3	24.95	19	22	33.1	37	Rc3/4
25(32)	40.3	32.3	31.9	22.5	28	41.3	42.5	Rc1
32(40)	49.5	40. 35	39.9	26.5	36	51.1	49	Rc1*1/4
40(50)	61.6	50. 35	49.9	31.5	42	59	54	Rc1*1/2
50(63)	77.4	63.4	62.9	38	53	73.6	65.5	Rc2
65(75)	90.4	75.4	74.9	44	68	90.2	76	Rc2*1/2
80(90)	106.5	90.5	89.9	51.5	80	103.9	86.5	Rc3
100(110)	126.9	110. 6	109.9	61.5	104.5	129.4	103	Rc4

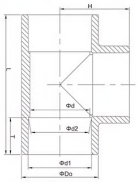




A050102 Reducing Coupling

Size	D0	D1	D2	T	d0	d1	d2	t	L
20X15 (25x20)	31.8	25.3	24.95	18.7	26.3	20.3	19.95	16.2	40.4
25X15(32x20)	39.9	32.3	31.9	22.2	26.3	20.3	19.95	16.2	48.5
25X20(32x25)	39.9	32.3	31.9	22.2	31.8	25.3	24.95	18.7	47.4
32X15 (40x20)	49.7	40.35	39.9	26.2	26.3	20.3	19.95	16.2	56.5
32X20(40x25)	49.7	40.35	39.9	26.2	31.8	25.3	24.95	18.7	56.5
32X25(40x32)	49.7	40.35	39.9	26.2	39.9	32.3	31.9	22.2	55.4
40X15 (50x20)	61.9	50.35	49.9	31.2	26.3	20.3	19.95	16.2	66.5
40X20 (50x25)	61.9	50.35	49.9	31.2	31.8	25.3	24.95	18.7	66.5
40X25 (50x32)	61.9	50.35	49.9	31.2	39.9	32.3	31.9	22.2	67
40X32 (50x40)	61.9	_50.35	49.9	31.2	49.7	40.35	39.9	26.2	65.4
50X15 (63x20)	77.9	63.4	62.9	37.7	26.3	20.3	19.95	16.2	79.5
50X20(63x25)	77.9	63.4	62.9	37.7	31.8	25.3	24.95	18.707	9.5
50X25 (63x32)	77.9	63.4	62.9	37.7	39.9	32.3	31.9	22.2	80
50X32 (63x40)	77 9	63.4	62.9	37.7	49.7	40.35	39.9	26.2	80
50X40(63x50)	77.9	63.4	62.9	37.7	61.9	50.35	49.9	31.2	78.4
65X15(75x20)	91.2	75.4	74.9	43.7	26.3	20.3	19.95	16.2	93
65X20 (75x25)	91.2	75.4	74.9	43.7	31.8	25.3	24.95	18.7	93
65X25 (75x32)	91.2	75.4	74.9	43.7	39.9	32.3	31.9	22.2	93.5
65X32 (75x40)	91.2	75.4	74.9	43.7	49.7	40.35	39.9	26.2	93.5
65X40(75x50)	91.2	75.4	74.9	43.7	61.9	50.35	49.9	31.2	93.5
65X50(75x63)	91.2	75.4	74.9	43.7	77.5	63.4	62.9	37.7	92.2
80X20(90x25)	107.6	90.5	89.9	51.2	31.8	25.3	24.95	18.7	108
80X25 (90x32)	107.6	90.5	89.9	51.2	39.9	32.3	31.9	22.2	108.5
80X32(90x40)	107.6	90.5	89.9	51.2	49.7	40.35	39.9	26.2	108
80X40 (90x50)	107.6	90.5	89.9	51.2	61.9	50.35	49.9	31.2	108.5
80X50 (90x63)	107. 6	90.5	89.9	51.2	77.5	63.4	62.9	37.7	108. 5
80X65 (90x75)	107.6	90.5	89.9	51.2	91.2	75.4	74.9	43.7	107.3
100X20(110x25)	127	110. 6	109.9	61.2	31.8	25.3	24.95	18.7	127.8
100X25(110x32)	127	110.6	109.9	61.2	39.9	32.3	31.9	22.2	128.3
100X32(110x40)	127	110. 6	109.9	61.2	49.7	40.35	39.9	26.2	128.3
100X40(110x50)	127	110.6	109.9	61.2	61.9	50.35	49.9	31.2	128.3
100X50(110x63)	127	110.6	109.9	61.2	77.5	63.4	62.9	37.7	128.3
100X65(110x75)	127	110. 6	109.9	61.2	91.2	75.4	74.9	43.7	128.6
100X80(110x90)	127	110. 6	109.9	61.2	107.6	90.5	89.9	51.2	127. 4
de125x110	144. 3	125.7	124. 9	68.7	127	110.6	109.9	61.2	142. 6
125X40(140x50)	161. 6	140. 75	139.9	76.2	127	110.6	109. 9	61.2	157. 6
125X50(140x63)	161.6	140.75	139.9	76.2	144.3	125.7	124.9	68.7	157. 6
125X65(140x75)	161. 6	140.75	139.9	76.2	61.9	50.35	49.9	31.2	158
125X80(140x90)	161. 6	140. 75	139.9	76.2	77.5	63.4	62.9	37.7	158
125X100(140x110)	161.6	140.75	139.9	76.2	91.2	75.4	74.9	43.7	158. 5

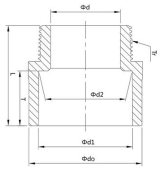




A050104 Tee

Size	D0	d1	d2	T	d	H	L
15 (20)	26.3	20.3	19.95	16.2	18	27.7	55.4
20(25)	31.8	25.3	24. 95	18.7	23	32.7	65.4
25 (32)	39.9	32.3	31.9	22.2	30	39.7	79.4
32 (40)	49.7	40. 4	39.9	26.2	38	47.7	95.4
40 (50)	61.9	50.4	49.9	31.2	48	57.7	115.4
50(63)	77.9	63.4	62.9	37.7	61	70.7	141.4
65 (75)	91.2	75.4	74.9	43.7	70.9	82.5	1 65
80(90)	107.6	90.5	89.9	51.2	85.9	97.5	195
100(110)	127	110.6	109.9	61.2	103.9	117.5	235
de1 25	144.3	125.7	124.9	68. 7	118.9	132.5	265
125(140)	161.6	140.8	139.9	76.2	133.9	148	296
150(160)	184.6	160.8	159.9	86.2	153.9	1 68	336
de180	202. 6	180.9	179.9	97	178.5	190	380
de200	230.5	201	199.9	106.2	193.5	208	416
200(225)	259.4	226.2	224.9	118.7	216.9	233.5	467
de250	287.9	251.3	249.9	131.2	241.9	258.5	517
250(280)	314.8	281.5	279.9	147	278	291	582
300(315)	358.2	316.7	314.9	163.7	306.9	323	646
350 (355)	391	356.8	355	184	326	368.5	737
400 (400)	442	402	400	204.2	369.8	413	826

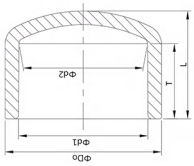




A050106 Male Adapter

Size	do	d1	d2	T	d	D	L	Tr
15(20)	26.8	20.3	19. 95	16. 5	16.5	27.6	33.5	Rc1/2
20(25)	32.5	25.3	24.95	19	22	33.1	37	Rc3/4
25(32)	40.3	32.3	31.9	22.5	28	41.3	42.5	Rc1
32(40)	49.5	40. 35	39.9	26.5	36	51.1	49	Rc1*1/4
40(50)	61.6	50. 35	49.9	31.5	42	59	54	Rc1*1/2
50(63)	77.4	63.4	62.9	38	53	73.6	65.5	Rc2
65(75)	90.4	75.4	74.9	44	68	90.2	76	Rc2*1/2
80(90)	106.5	90.5	89.9	51.5	80	103.9	86.5	Rc3
100(110)	126.9	110. 6	109.9	61.5	104.5	129.4	103	Rc4

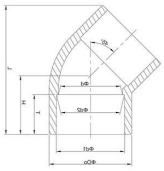




A050107 End Cap

Size	D0	d1	d2	T	L
15(20)	26.3	20.3	19.95	16.2	21.9
20(25)	31.8	25.3	24.95	18.7	25.7
25(32)	39.9	32.3	31.9	22.2	30.7
32(40)	49.5	40.4	39.9	26.2	36.9
40(50)	61.5	50.4	49.9	31.2	44.7
50(63)	77.4	63.4	62.9	37.7	54
65(75)	91.2	75.4	74.9	43.7	62.6
80(90)	107.7	90.5	89.9	51.2	73.3
100(110)	127	110.6	109.9	61.2	84.5
de125	144.3	125.7	124.9	68.7	96.1
125(140)	161.6	140.8	139.9	76.2	109.7
150(160)	184. 6	160.8	159.9	86.2	126.2
de180	202.6	180.9	179.9	97	142.9
de200	230.5	201	199.9	106.2	151.1
200(225)	259.4	226.2	224.9	118.7	170. 4
de250	287.9	251.3	249.9	131.2	186.9
250(280)	314.8	281.5	279.9	147	212.5
300(315)	358.2	316.7	314.9	163.7	234.5
350(355)	391	356.8	355	184	265
400(400)	442	402	400	204.2	294

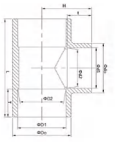




A050109 45° Elbow

Size	DO	d1	d2	T	d	H	L
15(20)	26.3	20.3	19. 95	16.2	18	22.1	46. 9
20 (25)	31.8	25.3	24. 95	18.7	23	25.7	54. 9
25(32)	38.6	32.3	31.9	22.2	30	30.6	66.2
32 (40)	49.7	40.4	39.9	26.2	38	36.3	79.3
40 (50)	61.9	50.4	49.9	31.2	48	43.3	95.7
50 (63)	77.5	63.4	62. 9	37.7	61	52.5	116. 9
65(75)	91.2	75.4	74.9	43.7	70.9	64.6	142.5
80 (90)	107. 6	90. 5	89.9	51.2	85.9	75. 6	166. 9
100(110)	127	110.6	109.9	61.2	103.9	89.2	197.6
de125	144. 3	125. 7	124. 9	68. 7	118. 9	100. 7	222. 9
125 (140)	161. 6	140. 8	139. 9	76.2	133. 9	112. 4	248. 9
150(160)	184. 6	160.8	159.9	86.2	153. 9	126.9	281. 9
de180	202. 6	180. 9	179. 9	97	178.5	137. 9	307
de200	230. 5	201	199.9	106.2	193.5	157.1	349. 5
200 (225)	259. 4	226.2	224. 9	118.7	216. 9	175. 7	391.5
de250	287.9	251.3	249.9	131.2	241.9	193.3	432.2
250 (280)	314. 8	281.5	279.9	147	278	209.6	469.1
300(315)	358.2	316.7	314.9	163.7	306.9	242.8	541.2
350 (355)	391	356. 8	355	1 84	326	272.8	602.2
400 (400)	442	402	400	204.2	369.8	298. 5	662.2

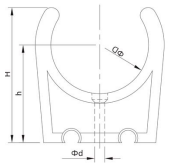




A050111 Reducing Tee

Size	D0	D1	D2	T	d0	d1	d2	t	H	L
25X15 (32x20)	39.9	32.3	31.9	22.2	26.3	20.3	19.95	16.2	34.4	67.4
25X20 (32x25)	39.9	32.3	31.9	22.2	26.3	25.3	24.95	16.2	36.2	72.4
32X15(40x20)	49.7	40. 35	39.9	26.2	26.3	20.3	19.95	16.2	39	75.4
32X20(40x25)	49.7	40. 35	39.9	26.2	31.8	25.3	_24.95	18.7	40.7	80.4
32X25 (40x32)	49.7	40.35	39.9	26.2	39.9	32.3	31.9	22.2	43.7	87.4
40X15 (50x20)	61.9	50. 35	49.9	31.2	26.3	20.3	19.95	16.2	45.2	85.4
40X20 (50x25)	61.9	50. 35	49.9	31.2	31.8	25.3	24. 95	18.7	46.7	90.4
40X25 (50x32)	61.9	50. 35	49.9	31.2	39.9	32.3	31.9	22.2	49.5	97.4
40X32 (50x40)	61.9	50. 35	49.9	31.2	49.7	40. 35	39.9	26.2	52.7	105. 4
50X15 (63x20)	77.9	63.4	62.9	37.7	26.3	20.3	19.95	16.2	53.2	98.4
50X20(63x25)	77.9	63.4	62.9	37.7	31.8	25.3	24.95	18.7	54.7	103.4
50X25 (63x32)	77.9	63.4	62.9	37.7	39.9	32.3	31.9	22.2	57.2	110.4
50X32 (63x40)	77.9	63.4	62.9	37.7	49.7	40. 35	39.9	26.2	59.2	118.4
50X40(63x50)	77.9	63.4	62.9	37.7	61.9	50.35	49.9	31.2	64.2	128. 4
65X15 (75x20)	91.2	75.4	74.9	43.7	26.3	20.3	19.95	16.2	55.2	140
65X20(75x25)	91.2	75.4	74. 9	43.7	31.8	25.3	24.95	18.7	57.7	140
65X25(75x32)	91.2	75.4	74.9	43.7	39.9	32.3	31.9	22.2	61.2	140
65X32 (75x40)	91.2	75.4	74.9	43.7	49.7	40. 35	39.9	26.2	65.2	140
65X40 (75x50)	91.2	75.4	74.9	43.7	61.9	50. 35	49.9	31.2	70.2	140
65X50(75x63)	91.2	75.4	74.9	43.7	77.3	63.4	62.9	37.7	77.3	1 40
80X20 (90x25)	107. 6	90.5	89.9	51.2	31. 8	25.3	24. 95	18.7	65.2	168
80X25 (90x32)	107. 6	90.5	89.9	51.2	39.9	32.3	31.9	22.2	68.7	168
80X32 (90x40)	107. 6	90.5	89.9	51.2	49.7	40. 35	39.9	26.2	72.7	168
80X40 (90x50)	107. 6	90.5	89.9	51.2	61.9	50. 35	49.9	31.2	77.7	168
80X50 (90x63)	107.6	90.5	89.9	51.2	77.3	63. 4	62.9	37.7	84.2	168
80X65 (90x75)	107. 6	90.5	89.9	51.2	91.2	75.4	74.9	43.7	92.3	168
100X20(110x25)	127	110. 6	109.9	61.2	31.8	25.3	24.95	18.7	74.2	190
100X25(110x32)	127	110. 6	109.9	61.2	39.9	32.3	31.9	22.2	77.7	190
100X32(110x40)	127	110. 6	109.9	61.2	49.7	40.35	39.9	26.2	81.7	190
100X40(110x50)	127	110. 6	109.9	61.2	61.9	50. 35	49.9	31.2	86.7	190

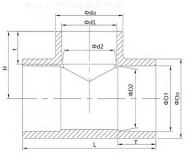




A050108 Pipe Clip

Size	D	H	h	d	S	L	L1	h1	h2	S1
15(20)	20. 20	35. 40	27.20	5. 20	16.00					
20(25)	25. 10	41. 00	30.50	5. 20	16. 00					
25(32)	32. 10	52. 80	40.00	5.20	16. 00					
32(40)	40. 10	59. 30	44.00	5.20	16. 00					
40(50)	50. 10	71. 20	52.00	5. 20	16. 00					
50(63)	63. 10	88. 50	65.00	5. 20	16. 00					
65(75)	75. 10	91. 80	62.50	5. 20	16. 00	82. 85	79.11	20. 00	26. 90	16. 00
80(90)	90. 10	103. 90	69.00	5. 20	20. 00	97. 22	91.87	30. 00	36. 90	20. 00
100(110)	110.10	124. 50	85.00	5. 20	20.00	105. 00	96. 38	30. 00	36. 90	20. 00

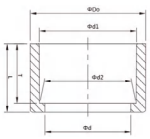




A050110 TEE

Size	D0	D1	D2	T	d0	d1	d2	t	H	L
25X15 (32x20)	39.9	32.3	31.9	22.2	26.3	20.3	19.95	16.2	34.4	67.4
25X20(32x25)	39.9	32.3	31.9	22.2	26.3	25.3	24.95	16.2	36.2	72.4
32X15 (40x20)	49.7	40.35	39.9	26.2	26.3	20.3	19.95	16.2	39	75.4
32X20(40x25)	49.7	40.35	39.9	26.2	31.8	25.3	24.95	18.7	40.7	80.4
32X25 (40x32)	49.7	40.35	39.9	26.2	39.9	32.3	31.9	22.2	43.7	87.4
40X15 (50x20)	61.9	50.35	49.9	31.2	26.3	20.3	19.95	16.2	45.2	85.4
40X20 (50x25)	61.9	50.35	49.9	31.2	31.8	25.3	24.95	18.7	46.7	90.4
40X25 (50x32)	61.9	50.35	49.9	31.2	39.9	32.3	31.9	22.2	49.5	97.4
40X32 (50x40)	61.9	50.35	49.9	31.2	49.7	40.35	39.9	26.2	52.7	105.4
50X15 (63x20)	77.9	63.4	62.9	37.7	26.3	20.3	19.95	16.2	53.2	98.4
50X20(63x25)	77.9	63.4	62.9	37.7	31.8	25.3	24.95	18.7	54.7	103.4
50X25 (63x32)	77.9	63.4	62.9	37.7	39.9	32.3	31.9	22.2	57.2	110.4
50X32 (63x40)	77.9	63.4	62.9	37.7	49.7	40.35	39.9	26.2	59.2	118.4
50X40 (63x50)	77.9	63.4	62.9	37.7	61.9	50.35	49.9	31.2	64.2	128.4
65X15 (75x20)	91.2	75.4	74.9	43.7	26.3	20.3	19.95	16.2	55.2	140
65X20 (75x25)	91.2	75.4	74.9	43.7	31.8	25.3	24.95	18.7	57.7	140
65X25(75x32)	91.2	75.4	74.9	43.7	39.9	32.3	31.9	22.2	61.2	140
65X32 (75x40)	91.2	75.4	74.9	43.7	49.7	40.35	39.9	26.2	65.2	140
65X40(75x50)	91.2	75.4	74.9	43.7	61.9	50.35	49.9	31.2	70.2	140
65X50(75x63)	91.2	75.4	74.9	43.7	77.3	63. 4	62.9	37.7	77.3	140
80X20 (90x25)	107.6	90.5	89.9	51.2	31.8	25.3	24.95	18.7	65.2	168
80X25 (90x32)	107.6	90.5	89.9	51.2	39.9	32.3	31.9	22.2	68.7	168
80X32 (90x40)	107.6	90.5	89.9	51.2	49.7	40.35	39.9	26.2	72.7	168
80X40 (90x50)	107.6	90.5	89.9	51.2	61.9	50.35	49.9	31.2	77.7	168
80X50 (90x63)	107.6	90.5	89.9	51.2	77.3	63.4	62.9	37.7	84.2	168
80X65 (90x75)	107.6	90.5	89.9	51.2	91.2	75.4	74.9	43.7	92.3	168
100X20(110x25)	127	110.6	109.9	61.2	31.8	25.3	24.95	18.7	74.2	190
100X25(110x32)	127	110.6	109.9	61.2	39.9	32.3	31.9	22.2	77.7	190
100X32(110x40)	127	110.6	109.9	61.2	49.7	40.35	39.9	26.2	81.7	190
100X40(110x50)	127	110.6	109.9	61.2	61.9	50.35	49.9	31.2	86. 7	190

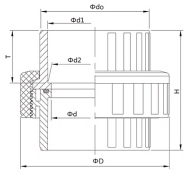




A050112 Bushing

Size	D1	d1	d2	T	d	L
20X15(25x20)	25	20.3	19.95	17	16	19.2
25X15(32x20)	32	20.3	19.95	17	16	22.2
25X20(32x25)	32	25.3	24.95	19.5	21	22.2
32X15(40x20)	40	20.3	19.95	17	16	26.3
32X20(40x25)	40	25.3	24.95	19.5	21	26.3
32X25(40x32)	40	32.3	31.9	23	27.5	26.3
40X15(50x20)	50	20.3	19.95	17	16	31.2
40X20(50x25)	50	25.3	24.95	19.5	21	31.2
40X25(50x32)	50	32.3	31.9	23	27.5	31.2
40X32(50x40)	50	40.35	39.9	27	35	31.2
50X15(63x20)	63	20.3	19.95	17	16	38.1
50X20(63x25)	63	25.3	24.95	19.5	21	38.1
50X25(63x32)	63	32.3	31.9	23	27.5	38.1
50X32(63x40)	63	40.35	39.9	27	35	38.1
50X40(63x50)	63	50.35	49.9	32	45	38.1
65X20(75x25)	75	25.3	24.95	19.5	21	44.1
65X25(75x32)	75	32.3	31.9	23	27.5	44.1
65X32(75x40)	75	40.35	39.9	27	35	44.1
65X40(75x50)	75	50.35	49.9	32	45	44.1
65X50(75x63)	75	63.4	62.9	38.5	56	44.1
80X25(90x32)	90	32.3	31.9	23	27.5	51
80X32(90x40)	90	40.35	39.9	27	35	51
80X40 (90x50)	90	50.35	49.9	32	45	51
80X50(90x63)	90	63.4	62.9	38.5	56	51

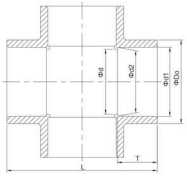




A050113 Union

Size	do	d1	d2	T	d	D	H
15(20)	26. 8	20.3	19.95	16.5	15.5	47	41.5
20(25)	32.5	25.3	24.95	19	20	53.9	48
25(32)	40.3	32.3	31.9	22.5	26	67	55
32(40)	49.5	40. 35	39.9	26. 5	34	78.5	63.5
40(50)	61. 6	50.35	49.9	31.5	43	93.2	75.5
50(63)	76	63.4	62.9	38	56	110. 6	89.5
65(75)	89. 6	75.4	74.9	44	67	130. 6	102
80(90)	105.5	90.5	89.9	51.5	82	148.4	120

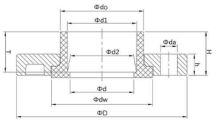




A050114 Reducing Tee

Size	DO	d1	d2	T	d	L
15(20)	26.3	20.3	19.95	16.2	18	55.4
20(25)	31.8	25.3	24. 95	18.7	21	65.4
25(32)	39.9	32.3	31.9	22.2	28	79.4
32(40)	49.5	40.35	39.9	26.2	36	95.4
40(50)	61.5	50.35	49.9	31.2	46	115.4
50(63)	77.4	63.4	62.9	37.7	59	141. 4
65(75)	91.2	75.4	74.9	43.7	70.9	165
80(90)	107.6	90.5	89.9	51.2	85.9	195
100(110)	127	110.6	109.9	61.2	103.9	235
de125	144.3	125.7	124.9	68.7	118.9	265
125(140)	161. 6	140.75	139.9	76.2	133.9	296
150(160)	184. 6	160.8	159.9	86.201	53.9	336
de180	230. 5	201	199.9	106.2	193.9	417
de200	259.4	226.2	224.9	118.7	216.9	467
200(225)	287.9	251.3	249.9	131.2	241.4	517
300(315)	354.6	316.7	314.9	163.7	307	647

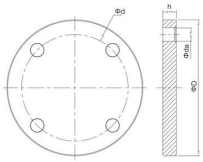




A050115 Van Stone Flange

Size	d0	d1	d2	T	d	dw	D	H	h	da
40 (50)	61.6	50. 35	49. 9	31.2	45	74	150	33.7	18	18
50(63)	77.4	63.4	62.9	37.7	57	93	1 65	41.2	20	18
65(75)	90. 4	75.4	74.9	43.7	69	110	1 85	47.2	23	18
80(90)	106.5	90.5	89.9	51.2	83	126	200	55.7	26	18
100(110)	126.9	110.6	109.9	61.2	103	147	220	65.7	28	18
de125	144	125.7	124.9	68.7	117	164	250	74.2	29	18
125(140)	161.3	140.75	139.9	76.2	131.5	181	250	81.7	30	18
150(160)	184.3	160. 8	159.9	86.2	151	204	285	92.2	32	22
de200	227	201	199.9	106.2	190	256	340	112.2	36	22
200(225)	254. 1	226.2	224.9	118.7	216	271	340	127.7	38	22
de250	281.3	251.3	249.9	131.2	239.5	310	395	138.2	40	22
300(315)	350.7	316.7	314.9	167.7	302	373	445	175.7	44	22
350 (355)	391	356.8	355	184	326	417	510	197	48	24
400 (400)	442	402	400	204.2	369.8	453	570	226	50	24

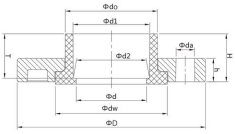




A050116 TS Flange

Size	D	h	da	d
15(20)	95. 00	13.00	14. 00	65. 00
20(25)	105.00	14.00	14. 00	75. 00
25(32)	115.00	15.00	14. 00	85. 00
32(40)	140. 00	15.00	18. 00	100. 00
40(50)	50. 00	17.00	18. 00	110. 00
50(63)	165. 00	17.00	18. 00	125. 00
65(75)	185.00	18.50	18. 00	145. 00
80(90)	200.00	19.50	18. 00	160. 00
100(110)	220.00	21.50	18. 00	180. 00
125(140)	250.00	23.50	18. 00	210.00
150(160)	285.00	25.50	22. 00	240.00
de200	340.00	30. 00	22. 00	295.00

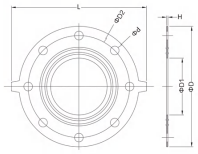




A050117 Lap joint flange

Size	d0	d1	d2	T	d	dw	D	H	h	da
40 (50)	61.6	50.35	49.9	31.2	45	74	150	33.7	18	18
50 (63)	77.4	63.4	62.9	37.7	57	93	165	41.2	20	18
65 (75)	90.4	75.4	74.9	43.7	69	110	185	47.2	23	18
80 (90)	106.5	90.5	89.9	51.2	83	126	200	55.7	26	18
100(110)	126.9	110.6	109.9	61.2	103	147	220	65. 7	28	18
de125	1 44	125.7	124.9	68. 7	117	1 64	250	74.2	29	18
125(140)	161.3	140. 75	139.9	76.2	131.5	181	250	81.7	30	18
150(160)	184.3	160.8	159.9	86.2	151	204	285	92.2	32	22
de200	227	201	199.9	106.2	190	256	340	112.2	36	22
200(225)	254. 1	226.2	224.9	118.7	216	271	340	127.7	38	22
de250	281.3	251.3	249.9	131.2	239.5	310	395	138.2	40	22
300(315)	350.7	316.7	314.9	167.7	302	373	445	175.7	44	22
350 (355)	391	356. 8	355	184	326	417	510	197	48	24
400(400)	442	402	400	204.2	369.8	453	570	226	50	24





A050118 Flange Gasket

Size	D	D1	D2	H	d	L
15 (20)	93	16	65	3	14	115
20(25)	103	21	75	3	14	125
25(32)	113	28	85	3	14	135
32(40)	138	36	100	3	18	1 60
40(50)	1.48	45	110	3	18	170
50(63)	163	57	125	3	18	1 85
65(75)	183	69	145	3	18	205
80(90)	198	83	160	3	18	220
100(110)	218	103	180	3	18	250
de125	248	117	210	3	18	280
125(140)	248	131.5	210	3	18	280
150(160)	283	151	240	3	22	315
de200	338	190	295	3	22	370
200(225)	338	203	295	3	22	370
de250	393	239.5	350	3	22	430
300(315)	443	302	400	3	22	485
350(355)	500	320	450	3	22	550
400(400)	550	350	500	3	22	590