



V-L Van de Lande

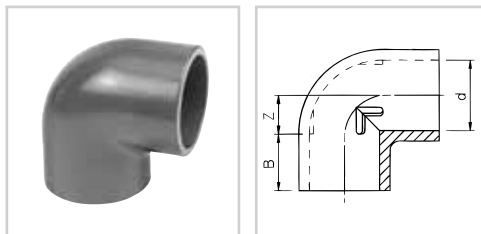
PVC-U INCH

INCH-socket dimensions according to (NEN)-EN-ISO 1452-3; (NEN)-EN-ISO-1452-2 Annex B; ISO 727-2 Cylindrical Sockets BS 4346-1

¼ inch = 13.5 mm	1¼ inch = 42.2 mm	4 inch = 114.2 mm
⅜ inch = 17.1 mm	1½ inch = 48.2 mm	5 inch = 140.1 mm
½ inch = 21.3 mm	2 inch = 60.3 mm	6 inch = 168.2 mm
¾ inch = 26.7 mm	2½ inch = 75.1 mm	8 inch = 219.0 mm
1 inch = 33.5 mm	3 inch = 88.8 mm	

ELBOW 90°

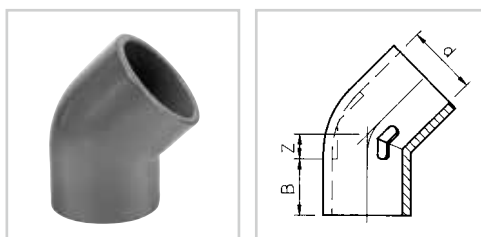
Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



ART.CODE	(inch) d	Z	B	PN	QUANTITY
2.27.020	½	12	17	16	200
2.27.025	¾	14.5	20	16	300
2.27.032	1	18.5	23	16	250
2.27.040	1¼	24	27	16	150
2.27.050	1½	28.5	30	16	100
2.27.063	2	34.5	36	16	50
2.25.075	2½	40	44	16	30
2.27.090	3	46	51	16	17
2.27.110	4	57	63	16	12
2.25.140	5	71	76	16	5
2.27.160	6	90	91	16	2

ELBOW 45°

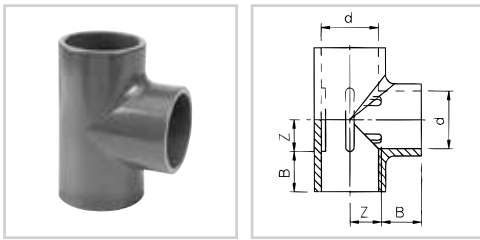
Knie 45°
Winkel 45°
Coude 45°
Gomito 45°
Code 45°



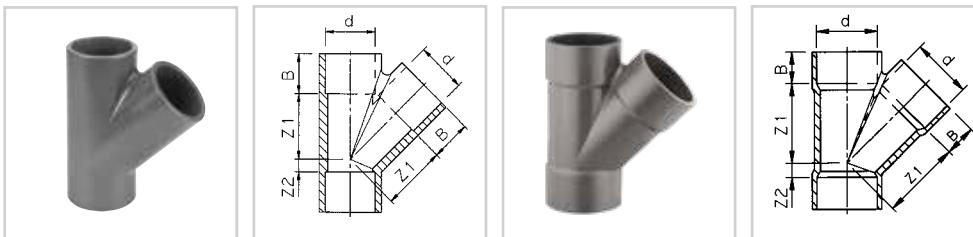
ART.CODE	(inch) d	Z	B	PN	QUANTITY
2.31.020	½	5	17	16	125
2.31.025	¾	6.5	20	16	150
2.31.032	1	8	23	16	250
2.31.040	1¼	10.5	28	16	150
2.31.050	1½	12.5	31	16	100
2.31.063	2	16	37	16	65
2.30.075	2½	18	44	16	35
2.31.090	3	19.5	51	16	24
2.31.110	4	24	63	16	12
2.30.140	5	30	76	16	6
2.31.160	6	42	91	16	2

TEE 90°

T-Stuk 90°
T-Stück 90°
TE 90°
TI 90°
TE 90°



ART.CODE	(inch) d	Z	B	PN	QUANTITY
2.04.020	½	12	17	16	140
2.04.025	¾	14.5	20	16	250
2.04.032	1	18.5	23	16	200
2.04.040	1¼	23	28	16	100
2.04.050	1½	29	30	16	75
2.04.063	2	21	36	16	38
2.01.075	2½	40	44	16	24
2.04.090	3	49	51	16	14
2.04.110	4	61	63	16	7
2.01.140	5	73	76	16	3
2.04.160	6	90	91	16	1



TYPE A

TYPE B

ART.CODE	(inch) d	Z1	Z2	B	TYPE	PN	QUANTITY
2.08.075	2½	102	17	44	A	10	16
2.06.090	3	121	20	51	A	10	9
2.06.110	4	147	20	63	B	10	4
2.08.140	5	190	34	76	A	10	2
2.06.160	6	224	43	91	B	10	1

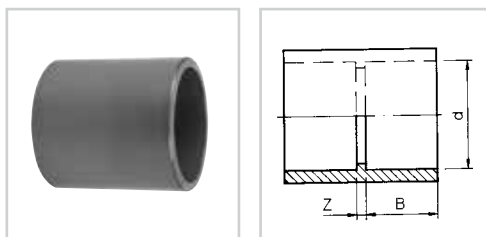
TEE 45°

T-Stuk 45°
T-Stück 45°
TE 45°
TI 45°
TE 45°



SOCKET

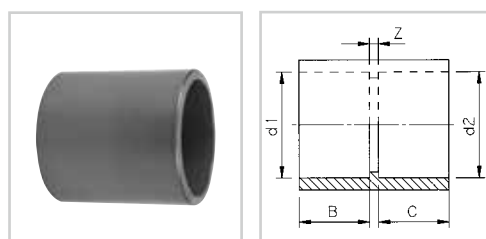
Sok
Muffe
Manchon
Manicotto
Manguito enchufe



ART.CODE	(inch) d	Z	B	PN	QUANTITY
3.91.020	½	3	17	16	300
3.91.025	¾	3	20	16	200
3.91.032	1	3	23	16	300
3.91.040	1¼	4	27	16	200
3.91.050	1½	4	32	16	200
3.91.063	2	8	36	16	100
3.90.075	2½	4	44	16	65
3.91.090	3	5	51	16	36
3.91.110	4	5	63	16	24
3.90.140	5	8	76	16	10

TRANSITION SOCKET

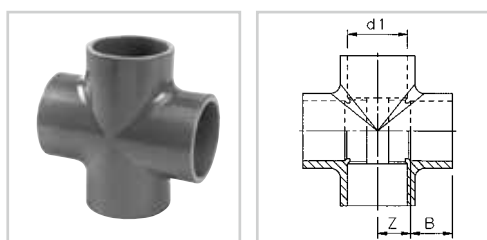
Overgangs sok
Übergangs Muffe
Manchon de transition
Manicotto di transizione
Manguito de transition



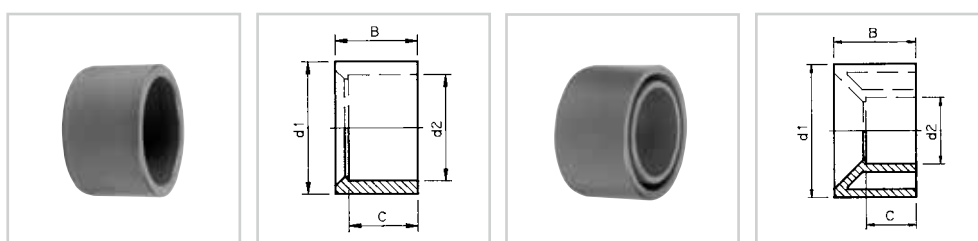
ART.CODE	d1	(inch) d2	Z	B	C	PN	QUANTITY
3.94.020	20	½	4	16	17	16	300
3.94.025	25	¾	4	19	20	16	200
3.94.032	32	1	4	22	23	16	300
3.94.040	40	1¼	3	26	28	16	200
3.94.050	50	1½	7	31	30	16	200
3.94.063	63	2	6	38	36	16	100
3.90.075	75	2½	4	44	44	16	65
3.94.090	90	3	5	51	51	16	36
3.94.110	110	4	7	61	63	16	24
3.90.140	140	5	8	76	76	16	10

CROSS

Kruisstuk
Kreuzstück
Croix
Croce
Cruz



ART.CODE	(inch) d	Z	B	PN	QUANTITY
2.51.050	1½	29	30	10	54
2.51.063	2	36	36	10	25
2.50.075	2½	40	44	10	16
2.51.090	3	48	51	10	10
2.51.110	4	60	63	10	5



TYPE A

TYPE B

ART.CODE	(inch) d1	(inch) d2	B	C	TYPE	PN	QUANTITY
3.06.020	½	¾	16.5	14	A	16	100
3.06.026	¾	1½	19	16	A	16	100
3.06.033	1	1½	22	16	B	16	100
3.06.034	1	¾	22	19	A	16	100
3.06.042	1¼	¾	26	19	B	16	100
3.06.043	1¼	1	26	22	A	16	100
3.06.051	1½	¾	31	20	B	16	50
3.06.052	1½	1	31	23	B	16	50
3.06.053	1½	1¼	31	27	A	16	50
3.06.064	2	1	38	22	B	16	50
3.06.065	2	1¼	38	26	B	16	50
3.06.066	2	1½	38	30	A	16	50
3.06.076	2½	1¼	44	27	B	16	25
3.06.077	2½	1½	44	31	B	16	25
3.06.078	2½	2	44	36	A	16	25
3.06.090	3	1½	51	30	B	16	20
3.06.091	3	2	51	36	B	16	20
3.06.092	3	2½	51	44	A	16	20
3.06.111	4	2	61	37	B	16	25
3.06.113	4	3	61	51	A	16	25
3.06.161	6	4	91	63	B	16	8
3.06.200	8	6	119	90	A	10	3

REDUCING BUSH

Lijmring
Reduktion
Réduction courte
Bussole di riduzione
Casquillo reducción



ADAPTOR SOCKET

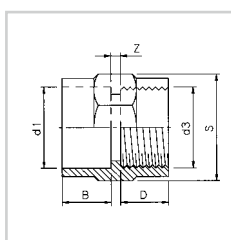
Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición



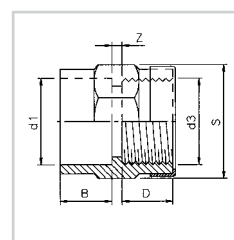
TYPE A



TYPE B



TYPE A

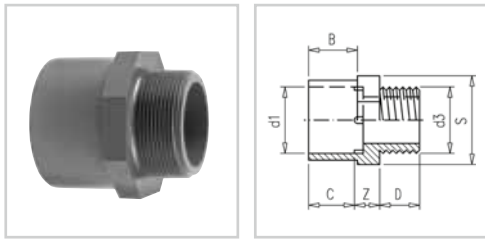


TYPE B

ART.CODE	(inch) d1	d3	Z	B	D	S	TYPE	PN	QUANTITY
3.24.019	1/2	1/4" (F)	4	17	12	32	A	16	100
3.24.020	1/2	3/8" (F)	4	17	12	32	A	16	100
3.24.021	1/2	1/2" (F)	1	17	15	32	B	16	50
3.24.029	3/4	3/8" (F)	7	20	12	36	A	16	100
3.24.030	3/4	1/2" (F)	4	20	15	36	A	16	100
3.24.031	3/4	3/4" (F)	3	20	16	36	B	16	50
3.24.044	1	1/2" (F)	5	23	15	46	B	16	50
3.24.045	1	3/4" (F)	6	23	16	46	B	16	75
3.24.046	1	1" (F)	2	23	22	46	B	16	50
3.24.054	1 1/4	3/4" (F)	4	28	16	55	B	16	50
3.24.055	1 1/4	1" (F)	2	28	22	55	B	16	50
3.24.056	1 1/4	1 1/4" (F)	1	28	23	55	B	16	50
3.24.064	1 1/2	1" (F)	3	30	22	66	B	16	100
3.24.065	1 1/2	1 1/4" (F)	5	30	23	66	B	16	75
3.24.066	1 1/2	1 1/2" (F)	3	30	25	66	B	16	50
3.24.069	2	1 1/4" (F)	5	36	23	80	B	16	50
3.24.070	2	1 1/2" (F)	4	36	25	80	B	16	50
3.24.071	2	2" (F)	4	36	28	80	B	16	25
3.25.077	2 1/2	1 1/2" (F)	5	44	23	96	B	10	40
3.25.079	2 1/2	2" (F)	4	44	27	96	B	10	35
3.25.081	2 1/2	2 1/2" (F)	3	44	31	96	B	10	40

ADAPTOR NIPPLE

Draadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición

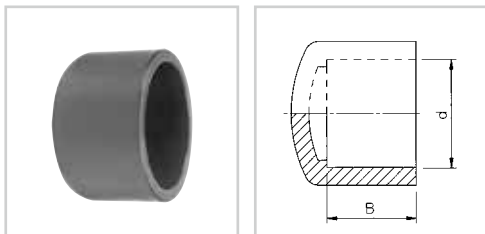


ART.CODE	(inch) d1	d3	Z	B	C	D	S	PN	QUANTITY
3.16.050	½	½" (M)	6	14	17	16	32	16	50
3.16.055	½	¾" (M)	6	14	17	17	32	16	50
3.16.065	¾	¾" (M)	12	22	20	17	46	16	50
3.16.070	¾	1" (M)	9	22	23	21	46	16	50
3.16.085	1	1" (M)	9	22	23	21	46	16	50
3.16.090	1	1¼" (M)	9	22	23	23	46	16	50
3.16.100	1¼	1¼" (M)	9	26	28	23	55	16	50
3.16.105	1¼	1½" (M)	9	26	28	23	55	16	50
3.16.120	1½	1½" (M)	12	31	31	23	65	16	150
3.16.125	1½	2" (M)	12	31	31	27	65	16	150
3.16.135	2	1½" (M)	13	44	36	23	80	16	120
3.16.140	2	2" (M)	13	44	36	27	80	16	120
3.15.150	2½	2" (M)	26	51	44	26	95	16	48
3.15.155	2½	2½" (M)	27	51	44	30	95	16	48



CAP

Lijmkap
Klebekappe
Bouchon à coller
Calotta
Tapón

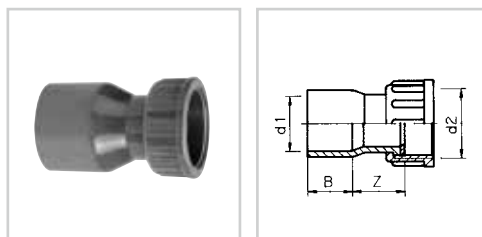
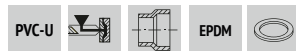


ART.CODE	(inch) d	B	PN	QUANTITY
3.56.020	½	17	16	250
3.56.025	¾	20	16	250
3.56.032	1	23	16	175
3.56.040	1¼	28	16	100
3.56.050	1½	30	16	200
3.56.063	2	36	16	115
3.55.075	2½	44	16	70
3.56.090	3	51	16	45
3.56.110	4	64	16	24
3.55.140	5	76	16	15



2/3 UNION

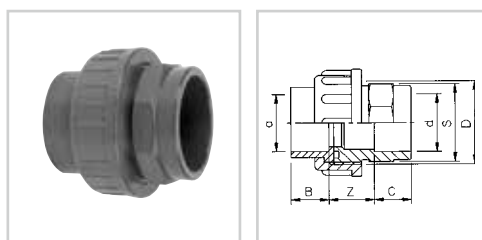
2/3 Koppeling
2/3 Verschraubung
Raccord union à 2 pieces
Bocchettone à 2
Racor union 2 piezas



ART.CODE	(inch) d1	d2	Z	B	PN	QUANTITY
5.13.010	3/4	1" (F)	31	24	16	250
5.13.015	1	1" (F)	40	25	10	200
5.13.020	1	1 1/4" (F)	32	25	16	250
5.13.025	1 1/4	1 1/4" (F)	37	28	10	100
5.13.030	1 1/4	1 1/2" (F)	40	28	16	200
5.13.035	1 1/2	1 1/2" (F)	51	29	10	100
5.13.040	1 1/2	2" (F)	40	43	16	100
5.13.043	2	2" (F)	57	46	10	25

ADAPTOR UNION

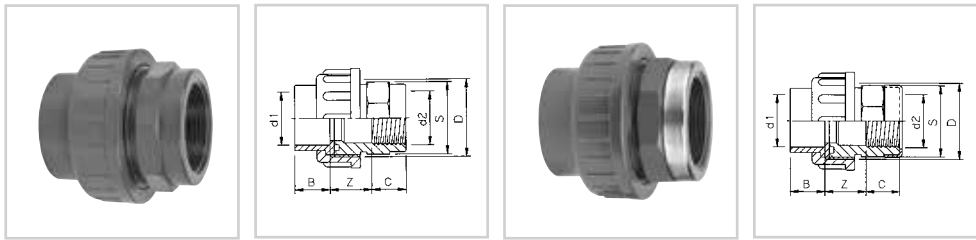
Spuitgietskoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión



ART.CODE	(inch) d	Z	B	C	D	S	PN	QUANTITY
3.61.020	1/2	23	17	17	1"	30	16	100
3.61.025	3/4	21	20	20	1 1/4"	36	16	60
3.61.032	1	22	23	23	1 1/2"	44	16	100
3.61.040	1 1/4	21	28	28	2"	54	16	100
3.61.050	1 1/2	24	30	31	2 1/4"	64	16	60
3.61.063	2	24	36	36	2 3/4"	80	16	50
3.60.075	2 1/2	28	44	44	ZGTD	94	10	25
3.61.090	3	34	51	51	ZGTD	114	10	10
3.61.110	4	32	63	63	ZGTD	138	10	10

ADAPTOR UNION

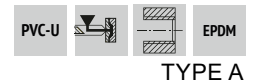
Spuitsgietskoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión



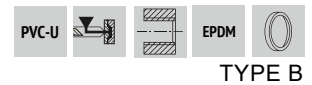
TYPE A

TYPE B

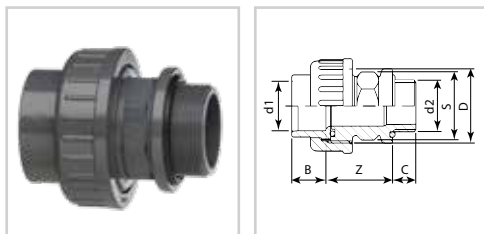
ART.CODE	(inch)	d1	d2	Z	B	C	D	S	TYPE	PN	QUANTITY
3.66.020		½	½" (F)	24	17	16	1"	30	A	10	100
3.66.021		½	½" (F)	24	17	16	1"	30	B	16	100
3.66.025		¾	¾" (F)	24	20	17	1¼"	36	A	10	60
3.66.026		¾	¾" (F)	24	20	17	1¼"	36	B	16	60
3.66.032		1	1" (F)	24	23	21	1½"	44	A	10	100
3.66.033		1	1" (F)	24	23	21	1½"	44	B	16	100
3.66.040		1¼	1¼" (F)	24	28	23	2"	54	A	10	80
3.66.041		1¼	1¼" (F)	24	28	23	2"	54	B	16	80
3.66.050		1½	1½" (F)	32	30	23	2¼"	64	A	10	60
3.66.051		1½	1½" (F)	32	30	23	2¼"	64	B	16	60
3.66.063		2	2" (F)	33	36	27	2¾"	80	A	10	50
3.66.064		2	2" (F)	33	36	27	2¾"	80	B	16	50
3.65.075		2½	2½" (F)	41	44	30	ZGTD	94	B	10	10
3.66.090		3	3" (F)	50	51	36	ZGTD	114	B	10	10
3.66.110		4	4" (F)	56	63	39	ZGTD	138	B	10	10



TYPE A



TYPE B



ADAPTOR UNION WITH O-RING

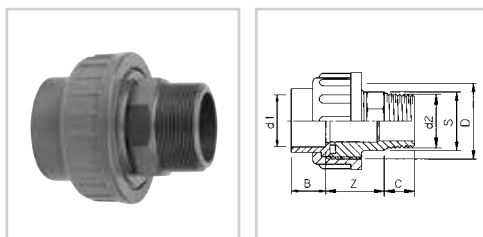
Koppeling met O-Ring
(zwembadkoppeling)
Verschraubung mit O-Ring
Raccord union avec joint torique
Bocchettone a O-Ring
Enlace de unión con junta torica

ART.CODE	(inch)	d1	d2	Z	B	C	D	S	PN	QUANTITY
3.69.022		½	½"(M)	39	17	10	1"	28	10	50
3.69.027		¾	¾"(M)	41	20	12	1¼"	32	10	60
3.69.034		1	1"(M)	44	23	15	1½"	38	10	100
3.69.042		1¼	1¼"(M)	49	28	15	2"	46	10	50
3.69.052		1½	1½"(M)	56	30	18	2¼"	55	10	50
3.69.053		1½	2"(M)	56	30	23.5	2¼"	55	10	25
3.69.065		2	2"(M)	58	36	23.5	2¾"	65	10	25



ADAPTOR UNION

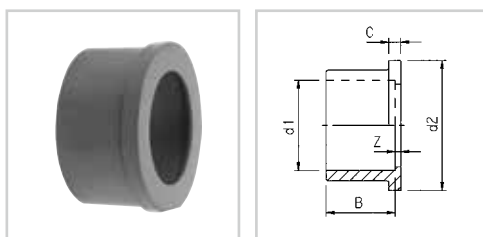
Spuitsgietkoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión



ART.CODE	(inch)	d1	d2	Z	B	C	D	S	PN	QUANTITY
3.71.020		½	½" (M)	31	17	17	1"	28	16	100
3.71.025		¾	¾" (M)	33	20	17	1¼"	32	16	60
3.71.032		1	1" (M)	34	23	22	1½"	38	16	100
3.71.040		1¼	1¼" (M)	38	28	24	2"	46	16	80
3.71.050		1½	1½" (M)	42	30	24	2¼"	55	16	60
3.71.063		2	2" (M)	46	36	28	2¾"	65	16	45
3.70.075		2½	2½" (M)	56	44	34	ZGTD	94	10	25
3.71.090		3	3" (M)	68	51	37	ZGTD	114	10	10
3.71.110		4	4" (M)	74	63	43	ZGTD	138	10	10

COLLAR (PARTS)

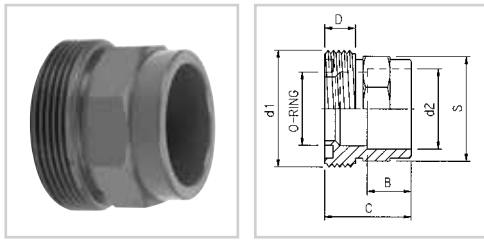
Inlegstuk
Bundbuchse
Collet
Collare
Portabrida



ART.CODE	(inch)	d1	d2	Z	B	C	QUANTITY
8.25.021		½	1"	2.5	17	5	25
8.25.026		¾	1¼"	2.5	20	6	25
8.25.033		1	1½"	3	23	6	25
8.25.041		1¼	2"	3	28	7	25
8.25.051		1½	2¼"	4	30	7	25
8.25.064		2	2¾"	4	36	8	25
8.25.075		2½	ZGTD	5	44	9	10
8.25.091		3	ZGTD	5	51	10	10
8.25.111		4	ZGTD	4	64	12	10

ADAPTOR NIPPLE (PARTS)

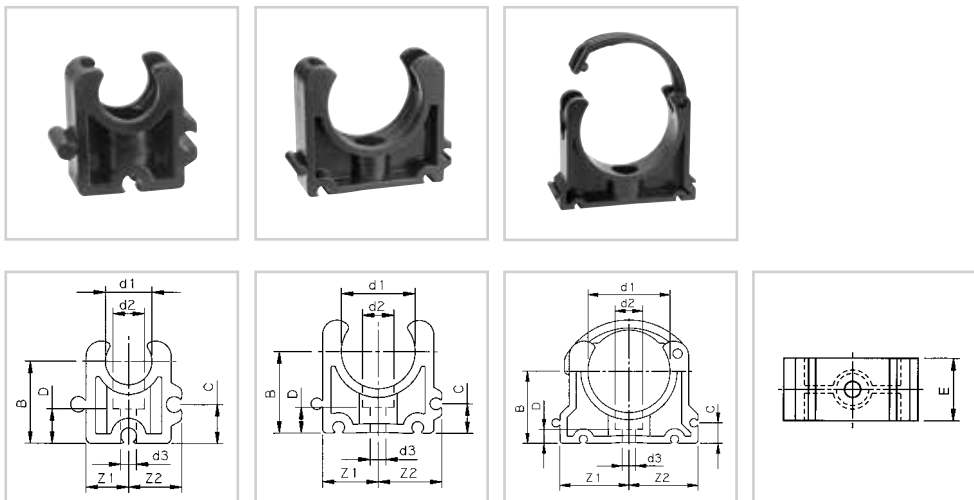
Draadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición



ART.CODE	d1 (inch)	d2	B	C	D	S	O-RING	QUANTITY
8.22.021	1" (M)	1/2	17	37	12	30	20.22x3.53	25
8.22.026	1 1/4" (M)	3/4	20	38	12	36	28.17x3.53	25
8.22.033	1 1/2" (M)	1	23	42	14	44	32.92x3.53	25
8.22.041	2" (M)	1 1/4	28	45	16	54	40.64x5.33	25
8.22.051	2 1/4" (M)	1 1/2	31	50	18	64	46.99x5.33	25
8.22.064	2 3/4" (M)	2	36	54	20	80	59.69x5.33	25
8.22.075	ZGTD (M)	2 1/2	44	66	30	94	78.74x5.33	10
8.22.091	ZGTD (M)	3	51	77	35	114	97.79x5.33	10
8.22.111	ZGTD (M)	4	64	89	40	138	117.5x5.33	10

TUBE CLIP

Buisklem
Rohrklemme
Clip de fixation
Supporto per tubi
Abrazadera para tubos



TYPE A

TYPE B

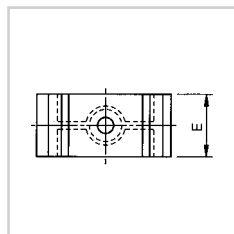
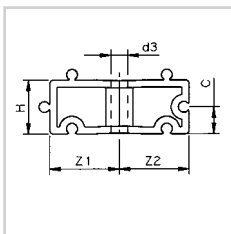
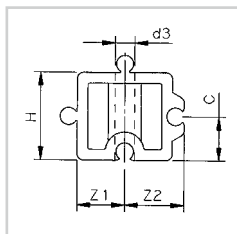
TYPE C

ART.CODE	(inch)	d1	NORM	d2	d3	Z1	Z2	B	C	D	E	TYPE	QUANTITY
5.23.012		¼	BS/ANSI	8.3	4.5	11	13.5	22	10	6	12	A	500 (50x10)
5.23.016		⅜	BS/ANSI	10.5	5.5	14	16.5	23.5	10	6	16	B	400 (40x10)
5.23.020		½	BS/ANSI	10.5	5.5	16.5	19	23.5	10	6	16	B	400 (40x10)
5.23.025		¾	BS/ANSI	10.5	5.5	19	21.5	28.5	10	6	16	B	800 (80x10)
5.23.032		1	BS/ANSI	10.5	5.5	24	26.5	32	10	6	16	B	600 (60x10)
5.23.040		1¼	BS/ANSI	14	6.5	33.5	33.5	36	10	6.5	22	C	250 (25x10)
5.23.050		1½	BS/ANSI	14	6.5	37	37	39	10	6.5	22	C	250 (25x10)
5.23.063		2	BS/ANSI	17	8.5	44.5	44.5	50	10	10	25	C	150 (15x10)
5.25.075		2½	BS	17	8.5	52	52	57.5	10	10	25	C	80 (8x10)
5.23.080		2½	ANSI	17	8.5	52	52	56.5	10	10	25	C	80 (8x10)
5.25.090		3	BS/ANSI	17	8.5	64.5	64.5	65	10	10	28	C	60 (6x10)
5.23.110		4	BS/ANSI	17	8.5	78	78	82	10	10	28	C	50 (5x10)
5.25.140		5	BS/ANSI	17	8.5	97	97	110	10	10	31.5	C	20 (2x10)

FILLING BLOCK

Vulblokje
Distanzhalter
Bloc à reveler
Distanziatore
Soporte de relleno

PP



TYPE D

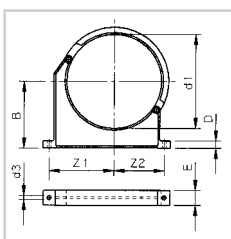
TYPE E

ART.CODE	(inch) Dia	d3	Z1	Z2	H	C	E	TYPE	QUANTITY
5.24.011	¼	4.5	11	13.5	20	10	12	D	500 (50x10)
5.24.016	⅜	5.5	14	16.5	20	10	16	E	400 (40x10)
5.24.020	½	5.5	16.5	19	20	10	16	E	400 (40x10)
5.24.025	¾	5.5	19	21.5	20	10	16	E	800 (80x10)
5.24.032	1	5.5	24	26.5	20	10	16	E	600 (60x10)
5.24.040	1¼	6.5	33.5	33.5	20	10	22	E	250 (25x10)
5.24.050	1½	6.5	37	37	20	10	22	E	500 (50x10)
5.24.063	2	8.5	44.5	44.5	20	10	25	E	150 (15x10)
5.24.075	2½	8.5	52	52	20	10	25	E	80 (8x10)
5.24.090	3	8.5	64.5	64.5	20	10	28	E	100 (10x10)
5.24.110	4	8.5	78	78	20	10	28	E	80 (8x10)
5.24.140	5	8.5	97	97	20	10	31.5	E	140 (14x10)

TUBE CLAMP

Buisbeugel
Rohrklemme
Clip de fixation
Supporto per tubi
Abrazadera para tubos

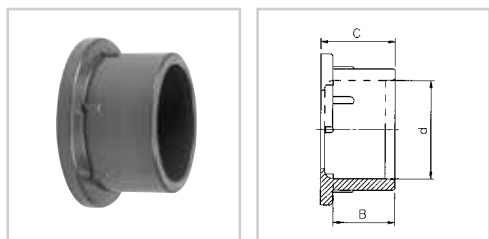
PP



ART.CODE	(inch) d1	NORM	d3	Z1	Z2	B	D	E	TYPE	QUANTITY
5.26.090	3	BS/ANSI	9	89	71	105	15	33	F	60
5.23.504	4	BS/ANSI	9	100	82	120	15	33	F	40
5.26.140	5	BS/ANSI	11	121	99	130	20	35	F	40
5.23.506	6	BS/ANSI	11	136	111	147	20	35	F	20
5.23.508	8	BS/ANSI	13	165	135	177	25	40	F	10

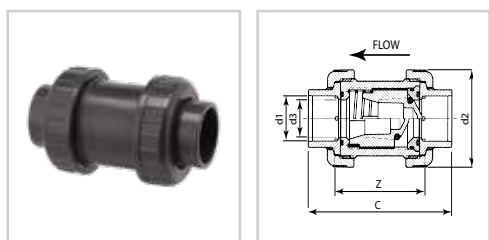
Advised installation distances for VDL tube clips and tube clamps can be found on www.vandelande.com.
Advies montage afstanden voor VDL buisklemmen en buisbeugels zijn te vinden op www.vandelande.com.
Empfohlene Montageabstände für VDL Rohrklemmen und Rohrbügel finden Sie auf www.vandelande.com.
Vous trouvez l'avis montage-distances pour les VDL clips de fixation à www.vandelande.com.
Lei trovare consiglio per distanza di montaggio per VDL supporto per tubi a www.vandelande.com.
Usted encuentre consulta distancia de montaje para VDL abrazadera para tubos en www.vandelande.com.

COLLAR SOLVENT SOCKET (PARTS)



ART.CODE	(inch) d	B	C	DN	QUANTITY
6.27.020	1/2	17	20.5	15	50
6.27.025	3/4	20	23.5	20	50
6.27.032	1	23	27.5	25	50
6.27.040	1 1/4	28	32.0	32	25
6.27.050	1 1/2	31	38.0	40	20
6.27.063	2	38	49.0	50	20
6.26.075	2 1/2	44	54.5	63	10
6.27.090	3	51	63.0	75	10
6.27.110	4	64	76.5	90	10

Inlegstuk inwendig lijm
Bundbuchse Klebemuffe
Collet à coller femelle
Collare attacchi incollaggio
Portabrida encolar



CHECK VALVE

Terugslagklep
Rückschlagventil
Soupape de retenue
Valvola diritegno
Vulvelas antiretorno

ART.CODE	(inch) d	d2	d3	Z	C	DN	PN	P	KV	QUANTITY
6.65.020	1/2	59	17	58	91	15	16	0.05	147	50
6.65.025	3/4	64	22	62.5	101.5	20	16	0.05	263	50
6.65.032	1	73	27	75.5	120.5	25	16	0.05	288	50
6.65.040	1 1/4	86	33	90	143	32	16	0.05	682	30
6.65.050	1 1/2	102	40	108	171	40	16	0.05	1052	10
6.65.063	2	124	50	136	210	50	16	0.05	1658	10
6.60.075	2 1/2	151	67	164	252	65	10	0.10	1933	1
6.65.090	3	178.5	83	188	291	80	10	0.10	3166	1
6.65.110	4	215.5	99	219	348	100	10	0.10	4650	1



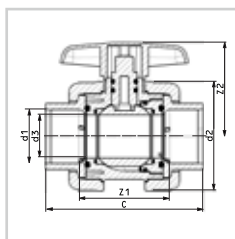
P	Kv
Opening pressure	Flow [l/min] at which Δp is 1 bar, determined according to DIN EN 60534-2-3.
Openingsdruk	Flow [l/min] waarbij Δp is 1 bar, bepaald volgens DIN EN 60534-2-3.
Öffnungsdruck	Fluss [l/min] wobei Δp 1 bar ist, festgesetzt zufolge DIN EN 60534-2-3.
Pression d'ouverture	Courant [l/min] par lequel Δp est 1 bar, déterminé par DIN EN 60534-2-3.
Pressione in apertura	Corrente [l/min] fra cui Δp é 1 bar, determinato secondo DIN EN 60534-2-3.
Presión de apertura	Caudal [l/min] con un Δp de 1 bar, determinado según DIN EN 60534-2-3.

BALL VALVE TYPE: DIL

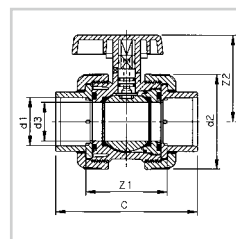
Kogelkraan type: Dil
Kugelhahn Type: Dil
Vanne à boisseau type: Dil
Valvola a sfera tipo: Dil
Válvula de bola tipo: Dil



TYPE A



TYPE B



ART.CODE	(inch) d1	d2	d3	Z1	Z2	C	DN	PN	TYPE	QUANTITY	REPLACEMENT KIT
6.13.020	1/2	59	15	50	56	84	15	16	A	50	6.40.021
6.13.025	3/4	64	20	54	57	94	20	16	A	50	6.40.026
6.13.032	1	73	25	64	66	110	25	16	A	50	6.40.033
6.13.040	1 1/4	86	32	68	75	124	32	16	A	25	6.40.041
6.13.050	1 1/2	102	40	88	90	150	40	16	A	15	6.40.051
6.13.063	2	124	50	106	102	180	50	16	A	10	6.40.064
6.15.075	2 1/2	151	63	128	123	217	65	10	B	5	6.40.075
6.13.090	3	178.5	75	153	143	255	80	10	B	3	6.40.090
6.13.110	4	215.5	90	179	161	307	100	10	B	1	6.40.110

Flush out secured.

Uitstroom beveiligd.

Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.

Componenti interni della valvola bloccati.

Bola y juntas aseguradas contra arrestre.

Every single valve has been tested on leaks.

Iedere kogelkraan is afzonderlijk getest op lekkage.

Jeder Kugelhahn wird geprüft auf Leckage.

Chaque vanne est contrôlée pour son étanchéité.

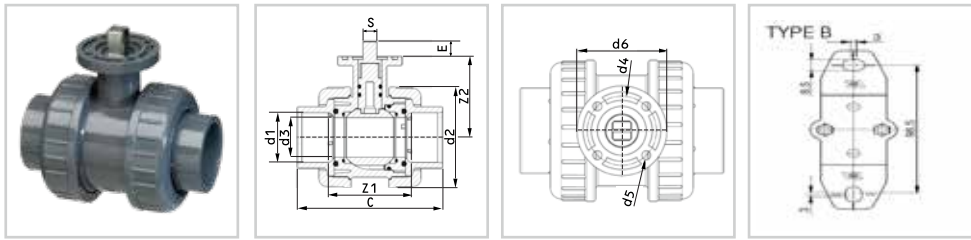
Valvole controllate al 100% per le perdite idrauliche.

Cada válvula de bola pasa un control de estanqueidad.

Seals	: Seats	: TEFLON filled PE
	: O-Rings	: Standard E.P.D.M., optional delivery: Viton®
Afdichtingen	: Zittingen	: TEFLON gevuld PE
	: O-Ringen	: Standaard E.P.D.M., als optie leverbaar: Viton®
Dichtungen	: Kugeldichtungen	: TEFLON gefülltes PE
	: O-Ringe	: Standard E.P.D.M., auch lieferbar: Viton®
Garniture	: Sièges	: PE avec TEFLON
	: Joint torique	: Standard E.P.D.M., livrable optionelle: Viton®
Tenute	: Sede	: PE caricata con TEFLON
	: O-Ring	: Standard E.P.D.M., a richiesta: Viton®
Juntas	: Junta de bola	: PE con TEFLON
	: Junta tórica	: E.P.D.M. estándar, FPM (Viton®) opcional

BALL VALVE ISO TOP

Kogelkraan ISO Top
Kugelhahn ISO Top
Vanne à boisseau ISO Top
Valvola a sfera ISO Top
Válvula de bola ISO Top



TYPE A

TYPE B

ART.CODE	(inch) d1	d2	d3	Z1	Z2	C	DN	PN	TYPE	QUANTITY
6.14.033	1	73	25	64	60.5	110	25	16	A	12 (6x2)
6.14.051	1½	102	40	87	81.5	150	40	16	A	6 (6x1)
6.14.064	2	124	50	102	93.5	180	50	16	B	6 (6x1)

ART.CODE	d4	d5	d6	E	S	ISO 5211	TORQUE
6.14.033	42	5.5	54	11	11	F04 - Y - L - 11	4.5 Nm*
6.14.051	50	6.5	65	15	14	F05 - Y - L - 14	7.5 Nm*
6.14.064	50	6.5	65	15	14	F05 - Y - L - 14	11 Nm*



Stainless Steel

6.14.032 Axle and coupling sleeve
6.14.050 Axle
6.14.063 Axle

*Average value at nominal pressure

The torque of the actuator should be about 2x as high as the average torque value from the Ball Valve to take into account the influence of operating conditions. The exact factor depends upon the application.

Roestvrijstaal

6.14.032 As en koppelbus
6.14.050 As
6.14.063 As

*Gemiddelde waarden bij nominale druk

Het koppel van de aandrijving moet ca. 2x zo hoog zijn als het gemiddelde draaimoment van de kogelkraan om rekening te houden met de invloed van gebruikscondities. De exacte hoogte van deze factor is afhankelijk van de toepassing.

Rostfreiem Stahl

6.14.032 Asche und Kuppelingsmuffe
6.14.050 Asche
6.14.063 Asche

*Mittelwert bei Nominale Druck

Das Drehmoment des Antriebs muß ungefähr 2x so hoch sein wie das Drehmoment des Kugelhahns wegen Anwendungseinflüsse. Die genaue Faktor ist abhängig von die Anwendung.

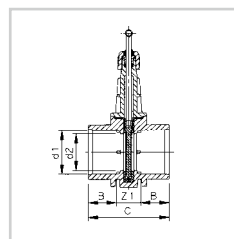
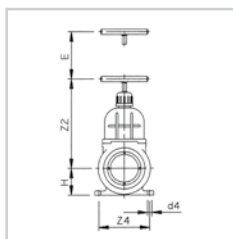
SLIDE VALVE

Schuifafsluiter
Absperrschieber
Vanne à Guillotine
Valvula Ghigliottina
Válvula de guillotina

PVC-U



EPDM



ART.CODE	(inch) d1	d2	d4	Z1	Z2	Z4	B	C	E	H	DN	QUANTITY
6.81.050	1½	42	7	29	139	76	31	91	52	40	40	25
6.81.063	2	54	9	38	164	98	38	114	65	51.5	50	12
6.80.075	2½	64	9	39	187	112	44	127	73	57.5	65	8
6.81.090	3	76	9	45	218	138	51	148	91	71	80	6
6.81.110	4	92	9	55	250	158	61	177	108	81	100	4

SLIDE VALVE

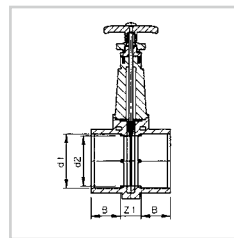
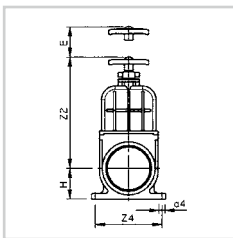
Schuifafsluiter
Absperrschieber
Vanne à Guillotine
Valvula Ghigliottina
Válvula de guillotina

PVC-U



EPDM

INOX



Female solvent weld
Inwendige lijmverbinding
Klebemuffe
À coller femelle
Femmina per incollaggio
Encolor hembra

ART.CODE	(inch) d1	d2	d4	Z1	Z2	Z4	B	E	H	P max	DN	QUANTITY
6.81.111	4	92	9	54	290	158	61	107	81	0.5	100	3