



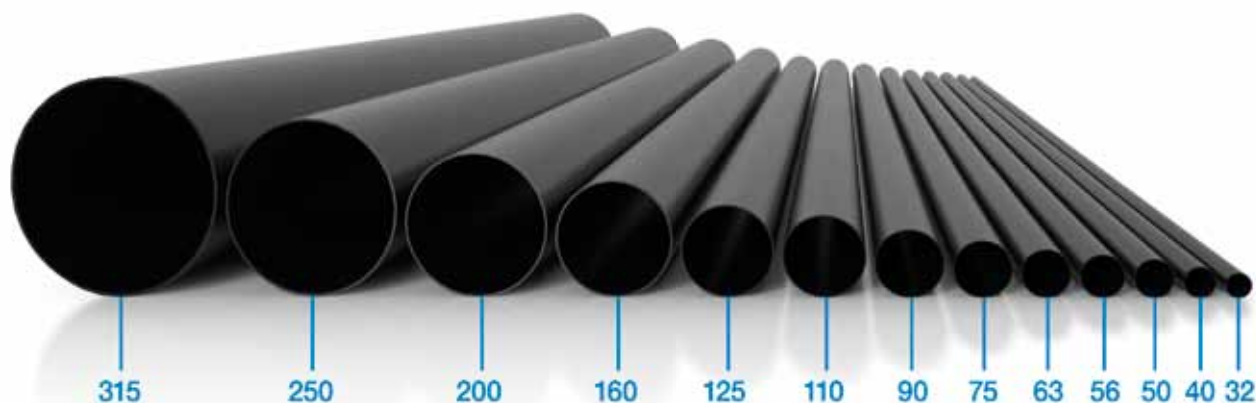
HDPE: high density polyethylene electrofusion waste system

*HDPE: Abflusssystem aus hochdichtem
Schweiss-Polyethylen*

HDPE RANGE
SORTIMENT HDPE

VALSIR HDPE, THE VERSATILE WASTE SYSTEM IN HIGH DENSITY POLYETHYLENE

*VALSIR HDPE, EIN VIELSEITIGES ABFLUSSSYSTEM AUS
HOCHDICHTEM POLYETHYLEN*



Valsir HDPE is a fusion welded system made up of pipes, fittings, and accessories, suitable for all installation types, designated to waste and rainwater drainage.

Valsir HDPE is the ideal solution for installations above ground, thanks to its resistance to UV light; and below ground or embedded in concrete, thanks to its exceptional mechanical characteristics.

Das Abflusssystem Valsir HDPE mit Schweißverbindung umfasst Rohre, Formteile und Zubehör, mit denen beliebige Abfluss- und Entwässerungsanlagen erstellt werden können.

Valsir HDPE ist dank der UV-Beständigkeit des Materials die ideale Lösung für oberirdische Leitungssysteme und dank der hervorragenden mechanischen Beständigkeit auch für einbetonierte Anlagen geeignet.



- Pipes are used in their entirety without generating leftover material.
 - High resistance joints thanks to welding of the elements.
 - Ductile material characterised by a high resistance at low temperatures.
 - Resistance to intermittent discharges at temperatures as high as 95°C.
 - Systems can be prefabricated thanks to the reference marks on all pipes and fittings.
 - Wide range of special fittings that allow any type of system to be constructed.
 - System parts and special fittings are easily fabricated.
 - High chemical resistance to the substances dissolved in civil and industrial waste waters.
 - The recyclability and production processes of this product are based on the Green Building Principles.
- Möglichkeit der vollständigen Nutzung des Rohres ohne Abfallerzeugung.
 - Hohe Festigkeit der Verbindungen durch das Verschweißen der Elemente.
 - Duktiles Material, das sich durch eine hohe Beständigkeit gegenüber niedrigen Temperaturen auszeichnet.
 - Temperaturbeständig bei gelegentlichem Durchfluss von Abwasser bis 95°C.
 - Möglichkeit der Vorfertigung der Anlage dank der Bezugsangaben auf den Rohren und Fittings.
 - Große Auswahl an Sonderanfertigungen, die die Erstellung jeder Art von Anlage ermöglichen.
 - Einfache Vorfertigung von Anlagenteilen und Sonderanfertigungen.
 - Hohe chemische Beständigkeit gegen in zivilen und industriellen Abwässern gelöste Stoffe.
 - Das Produkt, seine Recyclingfähigkeit und die verwendeten Produktionsverfahren basieren auf den Prinzipien des Green Building.

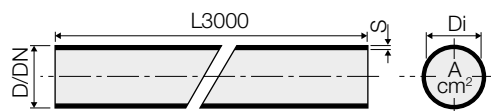


HDPE RANGE

SORTIMENT HDPE

HDPE pipe L 3000 mm

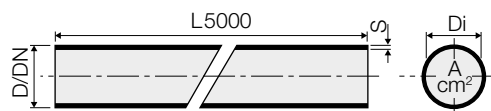
Rohre HDPE
L 3000 mm



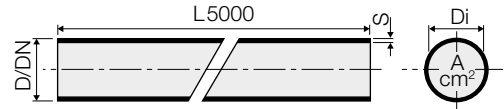
COD.	D	DN	Di	S	SDR	Series	A cm ²	PN	kg/m	□	▼	CL	€/m
VS0301000	32	30	26	3	26/33	12,5/16	5,3	10	0,280	150	50	PE01	2,90
VS0301001	40	40	34	3	26/33	12,5/16	9	8	0,366	150	50	PE01	3,54
VS0301003	50	50	44	3	26/33	12,5/16	15,2	6,4	0,468	150	50	PE01	4,37
VS0301004	56	56	50	3	26/33	12,5/16	19,6	5,7	0,525	120	40	PE01	5,29
VS0301005	63	60	57	3	26/33	12,5/16	25,4	5	0,600	105	35	PE01	5,69
VS0301007	75	70	69	3	26/33	12,5/16	37,3	4,1	0,727	90	30	PE01	6,82
VS0301009	90	90	83	3,5	26	12,5	54,1	4	0,996	60	20	PE01	9,47
VS0301011	110	100	101,4	4,3	26	12,5	80,7	4	1,444	45	15	PE01	14,14
VS0301013	125	125	115,2	4,9	26	12,5	104,5	4	1,859	30	10	PE01	18,17
VS0301015	160	150	147,6	6,2	26	12,5	171,1	4	3,067	30	10	PE01	30,28

HDPE pipe L 5000 mm

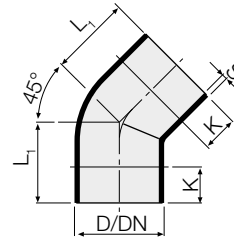
Rohre HDPE
L 5000 mm



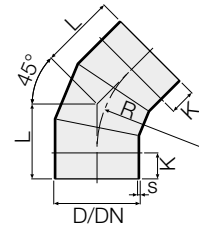
COD.	D	DN	Di	S	SDR	Series	A cm ²	PN	kg/m	□	▼	CL	€/m
VS0300001	32	30	26	3	26/33	12,5/16	5,3	10	0,279	310	62	PE01	2,90
VS0300003	40	40	34	3	26/33	12,5/16	9	8	0,365	550	110	PE01	3,54
VS0300005	50	50	44	3	26/33	12,5/16	15,2	6,4	0,466	430	86	PE01	4,37
VS0300006	56	56	50	3	26/33	12,5/16	19,6	5,7	0,523	490	98	PE01	5,29
VS0300007	63	60	57	3	26/33	12,5/16	25,4	5	0,598	330	66	PE01	5,69
VS0300009	75	70	69	3	26/33	12,5/16	37,3	4,1	0,725	290	58	PE01	6,82
VS0300011	90	90	83	3,5	26	12,5	54,1	4	0,994	290	58	PE01	9,47
VS0300013	110	100	101,4	4,3	26	12,5	80,7	4	1,440	285	57	PE01	14,14
VS0300015	125	125	115,2	4,9	26	12,5	104,5	4	1,862	170	34	PE01	18,17
VS0300017	160	150	147,6	6,2	26	12,5	171,1	4	2,969	50	10	PE01	30,28
VS0300019	200	200	187,6	6,2	33	16	276,4	3,2	3,818	50	10	PE01	38,41
VS0300021	250	250	234,4	7,8	33	16	431,5	3,2	5,877	40	8	PE01	59,38
VS0300023	315	300	295,4	9,8	33	16	685,3	3,2	9,320	30	6	PE01	90,38

HDPE RANGE
SORTIMENT HDPE**HDPE pipe**
L 5000 mm, SDR 26*Rohre HDPE*
L 5000 mm SDR 26

COD.	D	DN	Di	S	A cm ²	PN	kg/m	□	▼	CL	€/m
VS0300119	200	200	184,60	7,7	267,50	4	4,827	70	14	PE01	46,53
VS0300121	250	250	230,80	9,6	418,16	4	7,676	55	11	PE01	73,21
VS0300123	315	315	290,80	12,1	663,83	4	12,221	30	6	PE01	108,71

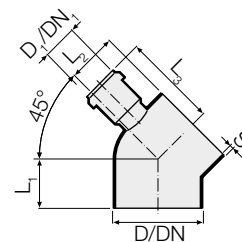
45° bend*Bogen 45°*

COD.	D	DN	S	L ₁	K	kg	□	□	□	HxLxP □	CL	€/pz
VS0306001	32	30	3	37	20	0,022	50	400	4000	1130x800x1200	PE02	2,32
VS0306003	40	40	3	45	20	0,032	50	400	2400	1060x800x1200	PE02	2,45
VS0306005	50	50	3	45	20	0,041	40	320	1920	1060x800x1200	PE02	2,58
VS0306006	56	56	3	45	20	0,047	30	240	1440	1060x800x1200	PE02	3,56
VS0306007	63	60	3	50	20	0,058	40	320	1600	1180x800x1200	PE02	3,70
VS0306009	75	70	3	50	20	0,070	25	200	1000	1180x800x1200	PE02	5,87
VS0306011	90	90	3,5	55	20	0,113	20	160	480	1015x800x1200	PE02	9,27
VS0306013	110	100	4,3	60	25	0,175	25	100	400	1050x800x1200	PE02	9,97
VS0306015	125	125	4,9	65	25	0,244	15	60	240	1050x800x1200	PE02	12,28
VS0306017	160	150	6,2	69	20	0,428	1	-	160	930x800x1200	PE02	41,67

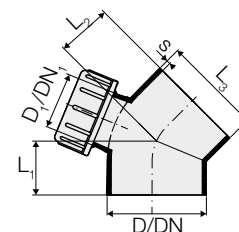
45° long radius bend*Segmentbogen 45°*

COD.	D	DN	S	L	R	K	kg	□	□	□	HxLxP □	CL	€/pz
VS0306019	200	200	6,2	217	230	125	1,611	1	-	32	930x800x1200	PE02	83,28
VS0306021	250	250	7,8	231	270	125	2,674	1	-	18	930x800x1200	PE02	116,81
VS0306023	315	300	9,8	249	325	125	4,628	1	-	10	930x800x1200	PE02	153,59

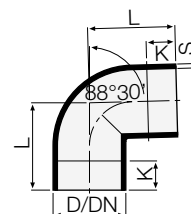
Segmented. - Zusammengeschweißt.

HDPE RANGE
SORTIMENT HDPE**45° bend with socket branch***Bogen 45° mit Abzweig*

COD.	D/D ₁	DN/DN ₁	S	L ₁	L ₂	L ₃	kg				HxLxP	CL	€/pz
VS0305003	90/40	90/40	3,5	55	45	100	0,148	20	160	480	1015x800x1200	PE02	21,47
VS0305001	110/40	100/40	4,3	60	55	110	0,211	20	80	320	1050x800x1200	PE02	23,47
VS0305005	110/50	100/50	4,3	60	55	110	0,218	20	80	320	1210x800x1200	PE02	23,42

*Welded. - Abzweiger angeschweißt.***45° bend with 63 mm rodding eye***Bogen 45° mit
Reinigungsöffnung D 63*

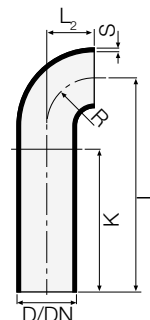
COD.	D/D ₁	DN/DN ₁	S	L ₁	L ₂	L ₃	kg		CL	€/pz
VS0306991	110/63	100/60	4,3	60	60	110	0,277	1	PE02	33,75

*Welded. - Abzweiger angeschweißt.***88°30' bend***Bogen 88°30'*

COD.	D	DN	S	L	K	kg				HxLxP	CL	€/pz
VS0304000	32	30	3	48	20	0,027	50	400	4000	1130x800x1200	PE02	2,32
VS0304001	40	40	3	50	20	0,034	50	400	2400	1060x800x1200	PE02	2,45
VS0304003	50	50	3	60	20	0,051	30	240	1440	1060x800x1200	PE02	2,61
VS0304004	56	56	3	65	20	0,058	30	240	1440	1180x800x1200	PE02	3,56
VS0304005	63	60	3	70	20	0,074	30	240	1200	1180x800x1200	PE02	3,70
VS0304007	75	70	3	75	20	0,095	20	160	800	1180x800x1200	PE02	6,05
VS0304009	90	90	3,5	80	20	0,132	15	120	600	1180x800x1200	PE02	9,25
VS0304011	110	100	4,3	95	25	0,232	20	80	320	1210x800x1200	PE02	10,20
VS0304013	125	125	4,8	102	35	0,355	15	60	180	1210x800x1200	PE02	22,88
VS0304015	160	150	6,2	123	35	0,684	1	-	90	930x800x1200	PE02	52,14

90° long radius bend

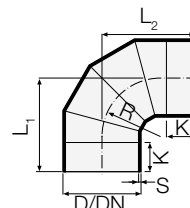
Bogen 90°



COD.	D	DN	S	L ₁	L ₂	R	K	kg				HxLxP	CL	€/pz
VS0302003	40	40	3	150	30	30	120	0,061	50	400	2000	1180x800x1200	PE02	2,55
VS0302005	50	50	3	180	40	40	140	0,091	25	200	1200	1180x800x1200	PE02	2,72
VS0302006	56	56	3	210	40	40	170	0,117	25	200	1000	1180x800x1200	PE02	4,21
VS0302007	63	60	3	210	50	50	160	0,140	20	160	480	1015x800x1200	PE02	4,58
VS0302009	75	70	3	210	70	70	140	0,164	25	100	400	1050x800x1200	PE02	7,28
VS0302011	90	90	3,5	240	90	90	150	0,288	15	60	240	1050x800x1200	PE02	10,04
VS0302013	110	100	4,3	270	100	100	170	0,491	10	40	160	1050x800x1200	PE02	11,97
VS0302015	125	125	4,9	200	110	110	90	0,489	10	40	160	1210x800x1200	PE02	14,06
VS0302017	160	150	6,2	140	140	140	-	0,713	1	-	90	930x800x1200	PE02	43,21

90° long radius bend

Segmentbogen 90°

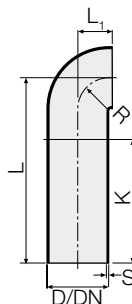


COD.	D	DN	S	L ₁	L ₂	R	K	kg			HxLxP	CL	€/pz
VS0302019	200	200	6,2	278	278	175	75	1,895	1	25	930x800x1200	PE02	121,58
VS0302021	250	250	7,8	324	324	230	100	3,242	1	14	930x800x1200	PE02	248,60
VS0302023	315	300	9,8	348	348	245	105	5,693	1	7	930x800x1200	PE02	350,06

Segmented. - Zusammengeschweißt.

90° short radius bend

Bogen 90° kurz



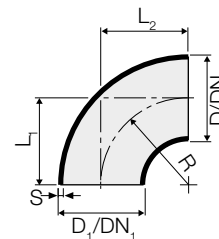
COD.	D	DN	S	L	L ₁	R	K	kg				HxLxP	CL	€/pz
VS0359001	90	90	3,5	270	50	50	200	0,297	15	60	240	1050x800x1200	PE02	10,59
VS0359003	110	100	4,3	300	60	60	220	0,494	10	40	160	1050x800x1200	PE02	12,13

HDPE RANGE

SORTIMENT HDPE

90° reducing bend

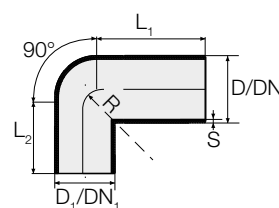
Bogen 90° reduziert



COD.	D/D ₁	DN/DN ₁	S	L ₁	L ₂	R	kg				HxLxP	CL	€/pz
VS0308001	50/40	50/40	3	40	40	40	0,027	40	320	3200	1130x800x1200	PE02	3,41
VS0308003	63/50	60/50	3	50	50	50	0,044	20	160	1600	1130x800x1200	PE02	7,14

90° extended reducing bend

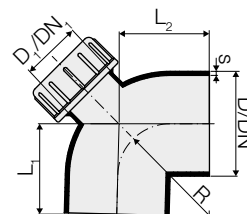
Bogen 90° reduziert,
mit Verlängerung



COD.	D/D ₁	DN/DN ₁	S	L ₁	L ₂	R	kg				HxLxP	CL	€/pz
VS0308007	56/40	56/40	3	100	70	47	0,067	20	160	960	1050x800x1200	PE02	5,04
VS0308009	56/50	56/50	3	100	70	34,5	0,073	20	160	960	1006x800x1200	PE02	5,04

88°30' bend with 63 mm rodding eye

Bogen 88°30' mit
Reinigungsöffnung D 63

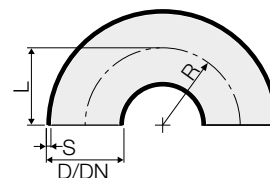


COD.	D/D ₁	DN/DN ₁	S	L ₁	L ₂	R	kg		CL	€/pz
VS0304991	110/63	100/60	4,3	95	95	55	0,337	1	PE02	34,82

Welded. - Abzweiger angeschweißt.

180° bend

Bogen 180°

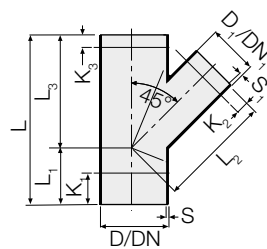


COD.	D	DN	S	L	R	kg				HxLxP	CL	€/pz
VS0307001	40	40	3	40	40	0,054	20	160	960	1060x800x1200	PE02	8,43
VS0307003	50	50	3	49	50	0,074	20	160	960	1060x800x1200	PE02	8,31
VS0307004 •	56	56	3	49	49	0,081	20	160	960	1060x800x1200	PE02	14,02
VS0307009 •	90	90	3,5	90	88	0,325	10	40	160	1050x800x1200	PE02	24,32

• Sell out. - Ausverkauf.

45° reducing branch

Abzweig 45° reduziert



COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	L ₃	K ₁	K ₂	K ₃	kg				HxLxP	CL	€/pz
VS0310001	40/32	40/30	3	3	135	45	90	-	25	30	30	0,061	50	400	2000	1180x800x1200	PE02	4,88
VS0310003	50/40	50/40	3	3	165	55	110	-	40	45	45	0,097	20	160	960	1180x800x1200	PE02	5,36
VS0310004	56/50	56/50	3	3	180	60	120	-	40	30	30	0,126	20	160	800	1180x800x1200	PE02	6,47
VS0310005	63/40	60/40	3	3	195	65	130	-	40	30	30	0,136	15	120	600	1180x800x1200	PE02	6,95
VS0310007	63/50	60/50	3	3	195	65	130	-	40	30	30	0,151	15	120	600	1180x800x1200	PE02	6,95
VS0310008	63/56	60/56	3	3	195	65	130	-	40	25	25	0,146	15	120	600	1180x800x1200	PE02	6,95
VS0310009	75/40	70/40	3	3	210	70	140	-	60	30	40	0,181	25	100	400	1050x800x1200	PE02	8,32
VS0310011	75/50	70/50	3	3	210	70	140	-	60	30	40	0,184	25	100	400	1050x800x1200	PE02	8,32
VS0310012	75/56	70/56	3	3	210	70	140	-	55	25	35	0,181	25	100	400	1050x800x1200	PE02	8,32
VS0310014	75/63	70/60	3	3	210	70	140	-	55	25	35	0,189	25	100	400	1050x800x1200	PE02	15,91
VS0310013	90/40	90/40	3,5	3	240	80	160	-	80	40	50	0,261	15	60	240	1050x800x1200	PE02	10,83
VS0310015	90/50	90/50	3,5	3	240	80	160	-	80	40	50	0,267	15	60	240	1050x800x1200	PE02	10,83
VS0310006	90/56	90/56	3,5	3	240	80	160	-	75	35	45	0,279	20	80	320	1210x800x1200	PE02	15,91
VS0310018	90/63	90/60	3,5	3	240	80	160	-	65	30	25	0,281	15	60	240	1050x800x1200	PE02	15,91
VS0310010	90/75	90/70	3,5	3	240	80	160	-	65	30	25	0,285	15	60	240	1210x800x1200	PE02	15,91
VS0310017	110/40	100/40	4,3	3	270	90	180	-	95	50	55	0,441	10	40	160	1050x800x1200	PE02	13,57
VS0310019	110/50	100/50	4,3	3	270	90	180	-	95	50	55	0,432	10	40	160	1050x800x1200	PE02	13,57
VS0310020	110/56	100/56	4,3	3	270	90	180	-	90	40	45	0,447	10	40	160	1050x800x1200	PE02	13,57
VS0310021	110/63	100/60	4,3	3	270	90	180	-	80	35	40	0,448	10	40	160	1050x800x1200	PE02	13,57
VS0310023	110/75	100/70	4,3	3	270	90	180	-	75	30	35	0,471	10	40	160	1210x800x1200	PE02	13,57
VS0310025	110/90	100/90	4,3	3,5	270	90	180	-	65	25	30	0,493	10	40	160	1210x800x1200	PE02	13,57
VS0310027	125/40	125/40	4,9	3	300	100	200	-	95	45	50	0,612	10	40	80	950x800x1200	PE02	15,16
VS0310029	125/50	125/50	4,9	3	300	100	200	-	95	45	50	0,620	10	40	80	950x800x1200	PE02	15,16
VS0310030	125/56	125/56	4,9	3	300	100	200	-	95	45	50	0,618	10	40	80	950x800x1200	PE02	15,16
VS0310031	125/63	125/60	4,9	3	300	100	200	-	95	40	50	0,630	10	40	80	950x800x1200	PE02	15,16
VS0310033	125/75	125/70	4,9	3	300	100	200	-	95	40	50	0,635	10	40	80	950x800x1200	PE02	15,16
VS0310035	125/90	125/90	4,9	3,5	300	100	200	-	80	35	30	0,648	10	40	80	950x800x1200	PE02	15,16
VS0310037	125/110	125/100	4,9	4,3	300	100	200	-	70	25	25	0,698	10	40	80	950x800x1200	PE02	15,16
VS0310067 *	160/40	150/40	6,2	3	375	125	250	-	150	90	120	1,197	1	-	50	950x800x1200	PE02	89,90
VS0310068 *	160/50	150/50	6,2	3	375	125	250	-	150	90	110	1,196	1	-	50	950x800x1200	PE02	89,90
VS0310069 *	160/56	150/56	6,2	3	375	125	250	-	145	90	110	1,212	1	-	50	950x800x1200	PE02	89,90
VS0310070	160/63	150/60	6,2	3	375	125	250	-	140	85	105	1,194	1	-	50	950x800x1200	PE02	89,90
VS0310071	160/75	150/70	6,2	3	375	125	250	-	130	80	100	1,223	1	-	50	950x800x1200	PE02	93,41
VS0310072	160/90	150/90	6,2	3,5	375	125	250	-	120	70	90	1,272	1	-	50	950x800x1200	PE02	93,41
VS0310039	160/110	150/100	6,2	4,3	375	125	250	-	110	45	55	1,259	1	-	50	930x800x1200	PE02	62,12
VS0310041	160/125	150/125	6,2	4,9	375	125	250	-	100	40	50	1,312	1	-	45	930x800x1200	PE02	62,12
VS0310074 *	200/40	200/40	6,2	3	490	180	360	310	232	180	160	1,951	1	-	25	930x800x1200	PE02	133,43
VS0310075 *	200/50	200/50	6,2	3	490	180	360	310	225	175	155	1,997	1	-	20	930x800x1200	PE02	133,43

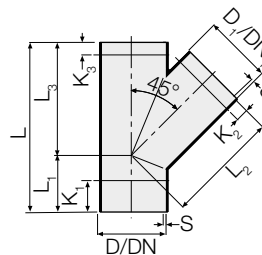
HDPE RANGE
SORTIMENT HDPE

COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	L ₃	K ₁	K ₂	K ₃	kg				HxLxP 	CL	€/pz
VS0310076 *	200/56	200/56	6,2	3	490	180	360	310	220	170	150	1,994	1	-	25	930x800x1200	PE02	133,43
VS0310077 *	200/63	200/60	6,2	3	490	180	360	310	215	170	145	2,032	1	-	25	930x800x1200	PE02	133,43
VS0310078 *	200/75	200/70	6,2	3	540	180	360	360	210	160	185	2,246	1	-	20	930x800x1200	PE02	139,29
VS0310079 *	200/90	200/90	6,2	3,5	540	180	360	360	200	155	175	2,328	1	-	20	930x800x1200	PE02	139,29
VS0310043 *	200/110	200/100	6,2	4,3	540	180	360	-	150	140	65	2,352	1	-	20	930x800x1200	PE02	130,46
VS0310045 *	200/125	200/125	6,2	4,9	540	180	360	-	140	130	55	2,414	1	-	20	930x800x1200	PE02	132,37
VS0310047 *	200/160	200/150	6,2	6,2	540	180	360	-	115	85	35	2,615	1	-	18	930x800x1200	PE02	139,54
VS0310081 *	250/40	250/40	7,7	3	660	220	400	440	300	185	270	3,945	1	-	10	930x800x1200	PE02	182,33
VS0310082 *	250/50	250/50	7,7	3	660	220	400	440	290	180	260	4,027	1	-	10	930x800x1200	PE02	182,33
VS0310083 *	250/56	250/56	7,7	3	660	220	400	440	285	175	255	4,019	1	-	10	930x800x1200	PE02	182,33
VS0310084 *	250/63	250/60	7,7	3	660	220	400	440	280	175	250	3,992	1	-	10	930x800x1200	PE02	182,33
VS0310085 *	250/75	250/70	7,7	3	660	220	400	440	275	165	245	3,998	1	-	10	930x800x1200	PE02	191,95
VS0310086 *	250/90	250/90	7,7	3,5	660	220	400	440	265	160	235	4,143	1	-	10	930x800x1200	PE02	191,95
VS0310049 *	250/110	250/100	7,8	4,3	660	220	440	-	215	185	150	4,215	1	-	10	930x800x1200	PE02	189,18
VS0310051 *	250/125	250/125	7,8	4,9	660	220	440	-	205	175	140	4,283	1	-	10	930x800x1200	PE02	189,18
VS0310053 *	250/160	250/150	7,8	6,2	660	220	440	-	180	130	50	4,594	1	-	10	930x800x1200	PE02	199,41
VS0310055 *	250/200	250/200	7,8	6,2	660	220	440	-	150	50	90	4,759	1	-	10	930x800x1200	PE02	211,29
VS0310088 *	315/40	300/40	9,7	3	840	280	500	560	390	240	355	8,570	1	-	-	930x800x1200	PE02	251,74
VS0310089 *	315/50	300/50	9,7	3	840	280	500	560	385	235	350	7,948	1	-	6	930x800x1200	PE02	251,74
VS0310090 *	315/56	300/56	9,7	3	840	280	500	560	380	235	345	8,570	1	-	-	930x800x1200	PE02	251,74
VS0310091 *	315/63	315/60	9,7	3	840	280	500	560	375	225	340	7,941	1	-	5	930x800x1200	PE02	251,74
VS0310092 *	315/75	300/70	9,7	3	840	280	500	560	365	220	330	8,012	1	-	5	930x800x1200	PE02	251,74
VS0310093 *	315/90	300/90	9,7	3,5	840	280	500	560	355	215	320	8,100	1	-	5	930x800x1200	PE02	251,74
VS0310057 *	315/110	300/100	9,8	4,3	840	280	560	-	305	260	235	8,273	1	-	4	930x800x1200	PE02	251,74
VS0310059 *	315/125	300/125	9,8	4,9	840	280	560	-	290	250	220	8,345	1	-	4	930x800x1200	PE02	251,74
VS0310061 *	315/160	300/150	9,8	6,2	840	280	560	-	270	205	200	8,768	1	-	4	930x800x1200	PE02	256,82
VS0310063 *	315/200	300/200	9,8	6,2	840	280	560	-	240	125	175	8,849	1	-	4	930x800x1200	PE02	264,45
VS0310065 *	315/250	300/250	9,8	7,8	840	280	560	-	205	130	140	9,359	1	-	4	930x800x1200	PE02	279,71

* Welded. - Abzweiger angeschweißt.

45° branch

Abzweig 45°

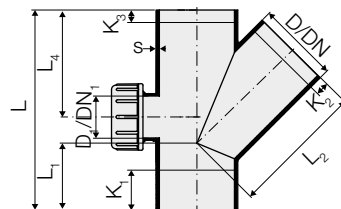


COD.	D/D ₁	DN/DN ₁	S/S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg				HxLxP	CL	€/pz
VS0309001	32	30	3	110	35	75	20	20	20	0,044	50	400	2400	1060x800x1200	PE02	4,58
VS0309003	40	40	3	135	45	90	25	30	30	0,069	50	400	2000	1180x800x1200	PE02	4,88
VS0309005	50	50	3	165	55	110	35	20	20	0,105	20	160	960	1180x800x1200	PE02	5,36
VS0309006	56	56	3	180	60	120	40	25	25	0,124	20	160	800	1180x800x1200	PE02	6,47
VS0309007	63	60	3	195	65	130	40	25	25	0,151	15	120	600	1180x800x1200	PE02	7,21
VS0309009	75	70	3	210	70	140	40	25	25	0,190	20	80	320	1050x800x1200	PE02	8,32
VS0309011	90	90	3,5	240	80	160	50	20	20	0,312	15	60	240	1210x800x1200	PE02	10,83
VS0309013	110	100	4,3	270	90	180	55	20	20	0,491	10	40	120	1054x800x1200	PE02	13,56
VS0309015	125	125	4,9	300	100	200	60	20	20	0,773	10	40	80	950x800x1200	PE02	16,15
VS0309017	160	150	6,2	375	125	250	75	25	25	1,479	1	-	45	930x800x1200	PE02	62,12
VS0309019 *	200	200	6,2	540	180	360	85	10	10	2,811	1	-	16	930x800x1200	PE02	148,53
VS0309021 *	250	250	7,8	660	220	440	115	55	55	5,166	1	-	8	930x800x1200	PE02	231,44
VS0309023 *	315	300	9,8	840	280	560	160	95	95	10,254	1	-	3	930x800x1200	PE02	310,59

* Welded. - Abzweiger angeschweißt.

45° branch with 63 mm rodding eye

Abzweig 45° mit Reinigungsöffnung D 63

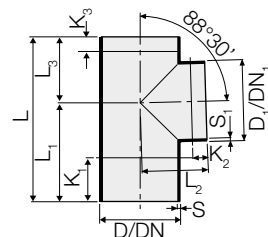


COD.	D/D ₁	DN/DN ₁	s	L	L ₁	L ₂ /L ₃	L ₄	K ₁	K ₂	K ₃	kg		CL	€/pz
VS0309991	110/63	100/60	4,3	270	90	180	145	55	20	20	0,605	1	PE02	36,40

Welded. - Abzweiger angeschweißt.

HDPE RANGE
SORTIMENT HDPE**88°30' branch**

Abzweig 88°30'

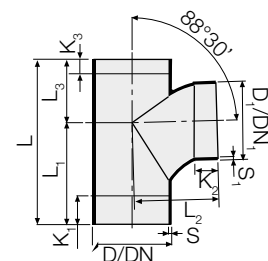


COD.	D/D ₁	DN/DN ₁	S/S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg				HxLxP	CL	€/pz
VS0312001	32	30	3	85	50	35	25	10	10	0,028	80	640	3840	1060x800x1200	PE02	4,58
VS0312003	40	40	3	130	75	55	45	20	20	0,057	50	400	2000	1180x800x1200	PE02	4,88
VS0312005	50	50	3	150	90	60	55	25	25	0,081	30	240	1200	1180x800x1200	PE02	5,36
VS0312006	56	56	3	175	105	70	65	30	30	0,109	25	200	600	1015x800x1200	PE02	6,47
VS0312007	63	60	3	175	105	70	60	25	25	0,124	20	160	800	1180x800x1200	PE02	6,95
VS0312009	75	70	3	175	105	70	55	25	25	0,146	15	120	600	1180x800x1200	PE02	8,32
VS0312011	90	90	3,5	200	120	80	65	25	25	0,132	20	80	320	1050x800x1200	PE02	10,83
VS0312013	110	100	4,3	225	135	90	65	20	20	0,361	15	60	240	1210x800x1200	PE02	13,57
VS0312015	125	125	4,9	250	150	100	70	20	20	0,502	15	60	120	950x800x1200	PE02	15,16
VS0312017	160	150	6,2	350	210	140	105	30	30	1,175	1	-	50	930x800x1200	PE02	62,12
VS0312019 *	200	200	6,2	360	180	180	25	30	25	1,631	1	-	25	930x800x1200	PE02	110,24
VS0312021 *	250	250	7,8	440	220	220	40	40	40	3,064	1	-	15	930x800x1200	PE02	158,33
VS0312023 *	315	300	9,8	560	280	280	70	65	70	6,198	1	-	5	930x800x1200	PE02	205,29

* Welded. - Abzweiger angeschweißt.

88°30' sweep branch

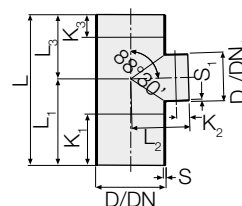
Bogenabzweig 88°30'



COD.	D/D ₁	DN/DN ₁	S/S ₁	L	L ₁	L ₂	L ₃	K ₁	K ₂	K ₃	kg				HxLxP	CL	€/pz
VS0312025	110/110	100/100	4,3	230	140	120	90	90	40	20	0,420	15	60	120	950x800x1200	PE02	19,84

**88°30' reducing
branch**

Abzweig 88°30' reduziert



COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg				HxLxP	CL	€/pz
VS0313001	40/32	40/30	3	3	130	75	55	50	20	25	0,052	50	400	2000	1180x800x1200	PE02	4,88
VS0313003	50/40	50/40	3	3	150	90	60	60	25	30	0,080	25	200	1200	1180x800x1200	PE02	5,36
VS0313002	56/50	56/50	3	3	175	105	70	70	30	35	0,107	25	200	600	1015x800x1200	PE02	6,46
VS0313008	63/40	60/40	3	3	175	105	70	70	30	35	0,116	20	160	800	1180x800x1200	PE02	8,89
VS0313012	63/50	60/50	3	3	175	105	70	70	30	35	0,122	20	160	480	1015x800x1200	PE02	8,89
VS0313004	75/40	70/40	3	3	175	105	70	75	25	35	0,139	25	100	400	1050x800x1200	PE02	8,32
VS0313005	75/50	70/50	3	3	175	105	70	70	25	35	0,141	20	160	480	1015x800x1200	PE02	8,32
VS0313006	75/56	70/56	3	3	175	105	70	65	25	30	0,141	20	160	480	1015x800x1200	PE02	8,32
VS0313010	75/63	70/60	3	3	175	105	70	60	25	25	0,143	20	160	480	1015x800x1200	PE02	8,32
VS0313007	90/40	90/40	3,5	3	200	120	80	85	25	45	0,202	20	80	320	1050x800x1200	PE02	10,83
VS0313009	90/50	90/50	3,5	3	200	120	80	85	25	45	0,205	20	80	320	1050x800x1200	PE02	10,83
VS0313034	90/56	90/56	3,5	3	200	120	80	85	25	35	0,206	20	80	320	1050x800x1200	PE02	29,13
VS0313028	90/63	90/60	3,5	3	200	120	80	75	25	35	0,203	20	80	320	1050x800x1200	PE02	29,13
VS0313036	90/75	90/70	3,5	3	200	120	80	70	25	30	0,210	20	80	320	1050x800x1200	PE02	29,13
VS0313011	110/40	100/40	4,3	3	225	135	90	100	25	60	0,336	15	60	240	1210x800x1200	PE02	13,57
VS0313013	110/50	100/50	4,3	3	225	135	90	95	25	50	0,336	15	60	240	1050x800x1200	PE02	13,57
VS0313014	110/56	100/56	4,3	3	225	135	90	90	25	45	0,340	15	60	240	1210x800x1200	PE02	13,57
VS0313015	110/63	100/60	4,3	3	225	135	90	95	25	35	0,337	15	60	240	1050x800x1200	PE02	13,57
VS0313017	110/75	100/70	4,3	3	225	135	90	85	25	35	0,340	15	60	240	1210x800x1200	PE02	13,57
VS0313019	110/90	100/90	4,3	3,5	225	135	90	75	25	30	0,347	15	60	240	1210x800x1200	PE02	13,57
VS0313021	125/110	125/100	4,9	4,3	250	150	100	80	20	30	0,476	15	60	120	950x800x1200	PE02	15,16
VS0313022 *	160/75	150/70	6,2	3	350	210	140	150	25	70	1,210	1	-	55	930x800x1200	PE02	70,05
VS0313023	160/110	150/100	6,2	4,3	350	210	140	135	45	60	1,112	1	-	55	930x800x1200	PE02	62,12
VS0313025	160/125	150/125	6,2	4,9	350	210	140	125	45	50	1,128	1	-	54	930x800x1200	PE02	62,12
VS0313027 *	200/110	200/100	6,2	4,3	360	180	180	70	60	70	1,537	1	-	30	930x800x1200	PE02	105,97
VS0313029 *	200/125	200/125	6,2	4,9	360	180	180	65	60	65	1,514	1	-	30	930x800x1200	PE02	105,97
VS0313031 *	200/160	200/150	6,2	6,2	360	180	180	45	50	45	1,586	1	-	30	930x800x1200	PE02	108,49
VS0313033 *	250/110	250/100	7,8	4,3	440	220	220	110	75	110	2,689	1	-	20	930x800x1200	PE02	148,12
VS0313035 *	250/125	250/125	7,8	4,9	440	220	220	105	75	105	2,743	1	-	20	930x800x1200	PE02	148,12
VS0313037 *	250/160	250/150	7,8	6,2	440	220	220	85	65	85	2,798	1	-	20	930x800x1200	PE02	151,70
VS0313039 *	250/200	250/200	7,8	6,2	440	220	220	65	60	65	2,963	1	-	15	930x800x1200	PE02	153,87
VS0313041 *	315/110	300/100	9,8	4,3	560	280	280	170	100	170	5,431	1	-	11	930x800x1200	PE02	190,30
VS0313043 *	315/125	300/125	9,8	4,9	560	280	280	165	100	165	5,271	1	-	10	930x800x1200	PE02	191,36
VS0313045 *	315/160	300/150	9,8	6,2	560	280	280	145	90	145	5,714	1	-	7	930x800x1200	PE02	194,04
VS0313047 *	315/200	300/200	9,8	6,2	560	280	280	120	65	120	5,709	1	-	5	930x800x1200	PE02	196,60
VS0313049 *	315/250	300/250	9,8	7,8	560	280	280	95	65	95	5,863	1	-	9	930x800x1200	PE02	201,86

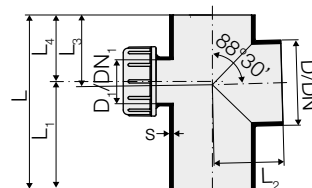
* Welded. - Abzweiger angeschweißt.

HDPE RANGE

SORTIMENT HDPE

88°30' branch with 63 mm rodding eye

Abzweig 88°30' mit
Reinigungsöffnung D 63

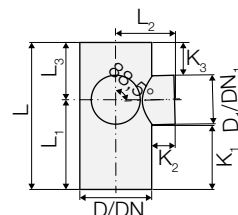


COD.	D/D ₁	DN/DN ₁	s	L	L ₁	L ₂ /L ₃	L ₄	K ₁	K ₂	K ₃	kg		CL	€/pz
VS0312991	110/63	100/60	4,3	225	135	90	86	65	20	20	0,464	1	PE02	39,48

Welded. - Abzweiger angeschweißt.

88°30' corner branch

Eckabzweig 88°30'

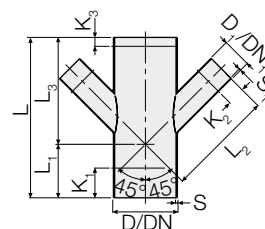


COD.	D ₁ /D ₂ /D ₃	DN ₁ /DN ₂ /DN ₃	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg		CL	€/pz
VS0310973	75/50/50	70/50/50	175	105	70	70	25	35	0,157	1	PE02	26,56
VS0310981	110/50/50	100/50/50	225	135	90	95	25	50	0,359	1	PE02	27,62
VS0310982	110/63/63	100/60/60	225	135	90	70	25	45	0,355	1	PE02	29,21
VS0310983	110/75/75	100/70/70	225	135	90	85	25	35	0,356	1	PE02	34,57
VS0310985	110/110/100	100/100/100	225	135	90	65	20	20	0,434	1	PE02	77,81
VS0310987	160/110/110	150/100/100	350	210	140	135	45	60	1,165	1	PE02	85,11

Welded. - Abzweiger angeschweißt.

45° double reducing branch

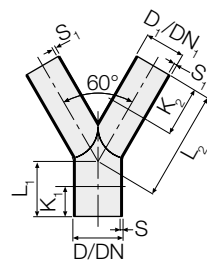
Doppelabzweig 45°



COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg				HxLxP 	CL	€/pz
VS0314001	110/40	100/40	4,3	3	270	90	180	95	30	15	0,430	10	40	120	1054x800x1200	PE02	29,58
VS0314003	110/50	100/50	4,3	3	270	90	180	95	30	15	0,452	10	40	120	1054x800x1200	PE02	29,58
VS0314005	110/110	100/100	4,3	4,3	270	90	180	50	15	15	0,615	5	20	60	1054x800x1200	PE02	29,58

60° Y branch

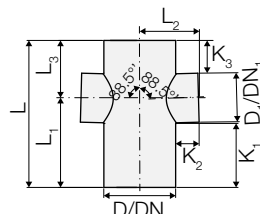
Hosen T-Stück 60°



COD.	D/D ₁	DN/DN ₁	S	S ₁	L ₁	L ₂	K ₁	K ₂	kg				HxLxP	CL	€/pz
VS0316001	50/40	50/40	3	3	55	110	40	50	0,094	25	200	1000	1180x800x1200	PE02	6,11
VS0316003	63/50	60/50	3	3	65	130	50	40	0,144	25	100	400	1050x800x1200	PE02	16,44
VS0316011	110/110	100/100	4,3	4,3	90	120	50	-	0,396	10	40	160	1050x800x1200	PE02	24,01

88°30' double reducing branch

Doppelabzweig 88°30'

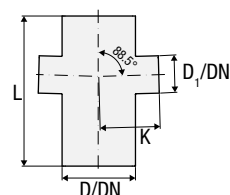


COD.	D/D ₁	DN/DN ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	kg		CL	€/pz
VS0310961	110/50	100/50	225	135	90	95	25	50	0,375	1	PE02	27,62
VS0310962	110/63	100/63	225	135	90	90	25	45	0,385	1	PE02	27,62
VS0310963	110/75	100/70	225	135	90	85	25	35	0,386	1	PE02	34,57
VS0310965	110/110	100/100	225	135	90	65	20	20	0,399	1	PE02	49,32

Welded. - Abzweiger angeschweißt.

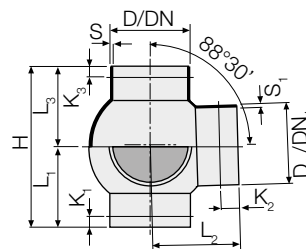
88°30' branch 4 outlet

Abzweig 88°30'
4 Eingänge



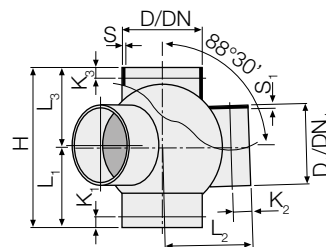
COD.	D/D ₁	DN/DN ₁	L	K	kg		CL	€/pz
VS0310993	110/56	100/50	225	90	0,340	10	PE02	51,92
VS0310994 *	110/56	100/50	225	90	0,383	10	PE02	51,92

* 3 closed outlets. - 3 blinde Eingänge.

HDPE RANGE
SORTIMENT HDPE**90° 2-way ball branch***Kugelabzweig doppelt*
90° 2 Abzweiger

COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0318015	110/50	100/50	4,3	3	220	105	120	15	15	0,447	5	20	80	1050x800x1200	PE02	40,88
VS0318016	110/56	100/56	4,3	3	220	105	120	15	15	0,446	5	20	80	1050x800x1200	PE02	40,88
VS0318017	110/75	100/70	4,3	3	220	105	120	15	15	0,455	5	20	80	1050x800x1200	PE02	40,88
VS0318020	110/90	100/90	4,3	3,5	220	105	120	15	15	0,458	5	20	80	1050x800x1200	PE02	40,88
VS0318019	110/110	100/100	4,3	4,3	220	105	120	15	15	0,506	5	20	80	1050x800x1200	PE02	40,88
VS0318021	125/50	125/50	4,9	3	220	110	125	15	15	0,586	5	20	80	1050x800x1200	PE02	45,77
VS0318022	125/56	125/56	4,9	3	220	110	125	15	15	0,579	5	20	80	1050x800x1200	PE02	45,77
VS0318023	125/75	125/70	4,9	3	220	110	125	15	15	0,530	5	20	80	1050x800x1200	PE02	45,77
VS0318026	125/90	125/90	4,9	3,5	220	110	125	15	15	0,580	5	20	60	1054x800x1200	PE02	45,77
VS0318025	125/110	125/100	4,9	4,3	220	110	125	15	25	0,608	5	20	60	1054x800x1200	PE02	45,77
VS0318031	125/125	125/125	4,9	4,9	220	110	125	15	25	0,678	5	20	60	1054x800x1200	PE02	45,77
VS0318048	160/110	150/100	6,2	4,3	275	137,5	165	50	50	1,154	1	-	35	930x800x1200	PE02	104,85

Welded. - Abzweiger angeschweißt.

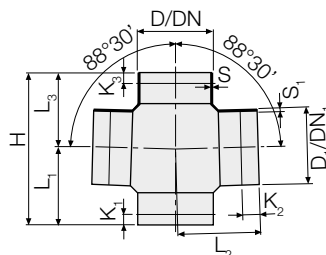
135° 2-way ball branch*Kugelabzweig doppelt*
135° 2 Abzweiger

COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0318033	110/50	100/50	4,3	3	220	105	120	15	15	0,443	5	20	80	1050x800x1200	PE02	40,88
VS0318034	110/56	100/56	4,3	3	220	105	120	15	15	0,443	5	20	80	1210x800x1200	PE02	40,88
VS0318035	110/75	100/70	4,3	3	220	105	120	15	15	0,461	5	20	80	1050x800x1200	PE02	40,88
VS0318036	110/90	100/90	4,3	3,5	220	105	120	15	15	0,460	5	20	80	1050x800x1200	PE02	40,88
VS0318037	110/110	100/100	4,3	4,3	220	105	120	15	25	0,497	5	20	80	1210x800x1200	PE02	40,88
VS0318039	125/50	125/50	4,9	3	220	110	125	15	15	0,555	5	20	80	1050x800x1200	PE02	45,77
VS0318040	125/56	125/56	4,9	3	220	110	125	15	15	0,552	5	20	80	1210x800x1200	PE02	45,77
VS0318041	125/75	125/70	4,9	3	220	110	125	15	15	0,566	5	20	80	1050x800x1200	PE02	45,77
VS0318042	125/90	125/90	4,9	3,5	220	110	125	15	15	0,600	5	20	80	1210x800x1200	PE02	45,77
VS0318043	125/110	125/100	4,9	4,3	220	110	125	15	25	0,623	5	20	80	1210x800x1200	PE02	45,77
VS0318045	125/125	125/125	4,9	4,9	220	110	125	15	25	0,626	5	20	80	1210x800x1200	PE02	45,77
VS0318049	160/110	150/100	6,2	4,3	275	137,5	165	50	50	1,169	1	-	35	930x800x1200	PE02	104,85

Welded. - Abzweiger angeschweißt.

180° 2-way ball branch

Kugelabzweig doppelt
180° 2 Abzweiger

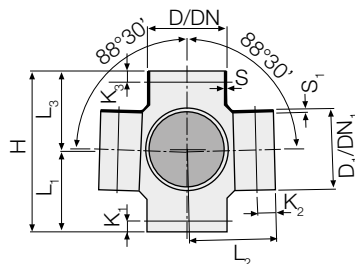


COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0318001	110/50	100/50	4,3	3	220	105	120	15	15	0,479	5	20	80	1050x800x1200	PE02	40,88
VS0318002	110/56	100/56	4,3	3	220	105	120	15	15	0,473	5	20	80	1050x800x1200	PE02	40,88
VS0318003	110/75	100/70	4,3	3	220	105	120	15	15	0,455	5	20	80	1050x800x1200	PE02	40,88
VS0318004	110/90	100/90	4,3	3,5	220	105	120	15	15	0,459	5	20	80	1050x800x1200	PE02	40,88
VS0318005	110/110	100/100	4,3	4,3	220	105	120	15	15	0,502	5	20	80	1050x800x1200	PE02	40,88
VS0318007	125/50	125/50	4,9	3	220	110	125	15	15	0,561	5	20	80	1050x800x1200	PE02	45,77
VS0318008	125/56	125/56	4,9	3	220	110	125	15	15	0,500	5	20	80	1050x800x1200	PE02	45,77
VS0318009	125/75	125/70	4,9	3	220	110	125	15	15	0,583	5	20	80	1050x800x1200	PE02	45,77
VS0318010	125/90	125/90	4,9	3,5	220	110	125	15	15	0,603	5	20	80	1210x800x1200	PE02	45,77
VS0318011	125/110	125/100	4,9	4,3	220	110	125	15	25	0,610	5	20	60	1054x800x1200	PE02	45,77
VS0318013	125/125	125/125	4,9	4,9	220	110	125	15	25	0,677	5	20	80	1210x800x1200	PE02	45,77
VS0318050	160/110	150/100	6,2	4,3	275	137,5	165	50	50	1,100	1	-	35	930x800x1200	PE02	104,85
VS0318060	160/160	150/150	6,2	6,2	275	137,5	165	50	50	0,950	1	-	-	930x800x1200	PE02	143,41

Welded. - Abzweiger angeschweißt.

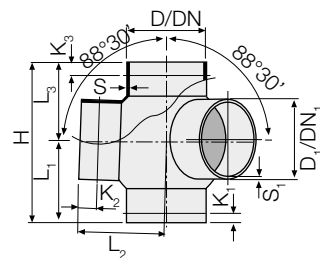
90° 3-way ball branch

Kugelabzweig doppelt
90° 3 Abzweiger



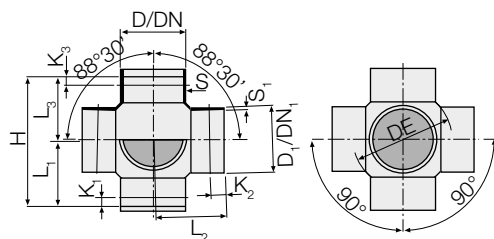
COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0320001	110/50	100/50	4,3	3	220	105	120	15	15	0,315	5	20	80	1050x800x1200	PE02	47,80
VS0320002	110/56	100/56	4,3	3	220	105	120	15	15	0,476	5	20	80	1210x800x1200	PE02	47,80
VS0320003	110/75	100/70	4,3	3	220	105	120	15	15	0,473	5	20	80	1050x800x1200	PE02	47,80
VS0320006	110/90	100/90	4,3	3,5	220	105	120	15	15	0,503	5	20	80	1050x800x1200	PE02	47,80
VS0320005	110/110	100/100	4,3	4,3	220	105	120	15	15	0,537	5	20	80	1050x800x1200	PE02	47,80
VS0320007	125/50	125/50	4,9	3	220	110	125	15	15	0,541	5	20	80	1210x800x1200	PE02	53,88
VS0320008	125/56	125/56	4,9	3	220	110	125	15	15	0,514	5	20	80	1210x800x1200	PE02	53,88
VS0320009	125/75	125/70	4,9	3	220	110	125	15	15	0,516	5	20	80	1210x800x1200	PE02	53,88
VS0320012	125/90	125/90	4,9	3,5	220	110	125	15	15	0,631	5	20	60	1054x800x1200	PE02	53,88
VS0320011	125/110	125/100	4,9	4,3	220	110	125	15	25	0,679	5	20	60	1054x800x1200	PE02	53,88
VS0320013	125/125	125/125	4,9	4,9	220	110	125	15	25	0,737	5	20	40	950x800x1200	PE02	53,88
VS0318055	160/110	150/100	6,2	4,3	275	137,5	165	50	50	1,215	1	-	35	930x800x1200	PE02	126,60

Welded. - Abzweiger angeschweißt.

HDPE RANGE
SORTIMENT HDPE**135° 3-way ball branch**3-Wege Kugelabzweig
135°

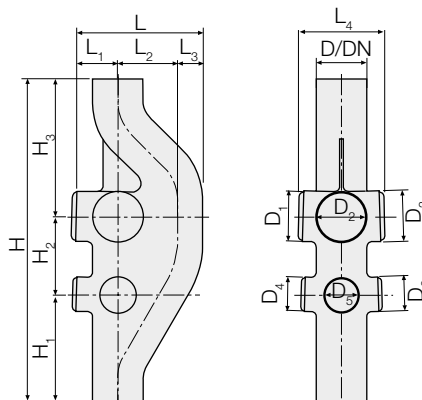
COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0320015	110/50	100/50	4,3	3	220	105	120	15	15	0,462	5	20	60	1054x800x1200	PE02	47,80
VS0320016	110/56	100/56	4,3	3	220	105	120	15	15	0,469	5	20	80	1210x800x1200	PE02	47,80
VS0320017	110/75	100/70	4,3	3	220	105	120	15	15	0,462	5	20	80	1210x800x1200	PE02	47,80
VS0320018	110/90	100/90	4,3	3,5	220	105	120	15	15	0,494	5	20	80	1210x800x1200	PE02	47,80
VS0320019	110/110	100/100	4,3	4,3	220	105	120	15	15	0,370	5	20	80	1210x800x1200	PE02	47,80
VS0320021	125/50	125/50	4,9	3	220	110	125	15	15	0,576	5	20	80	1210x800x1200	PE02	53,88
VS0320022	125/56	125/56	4,9	3	220	110	125	15	15	0,521	5	20	80	1210x800x1200	PE02	53,88
VS0320023	125/75	125/70	4,9	3	220	110	125	15	15	0,579	5	20	80	1210x800x1200	PE02	53,88
VS0320024	125/90	125/90	4,9	3,5	220	110	125	15	15	0,680	5	20	80	1210x800x1200	PE02	53,88
VS0320025	125/110	125/100	4,9	4,3	220	110	125	15	25	0,638	5	20	40	1080x800x1200	PE02	53,88
VS0320027	125/125	125/125	4,9	4,9	220	110	125	15	25	0,664	5	20	40	950x800x1200	PE02	53,88

Welded. - Abzweiger angeschweißt.

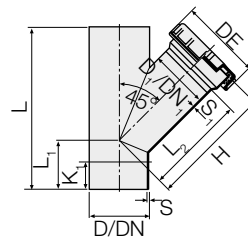
90° 4-way ball branchKugelabzweig doppelt
90° 4 Abzweiger

COD.	D/D ₁	DN/DN ₁	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	kg				HxLxP	CL	€/pz
VS0322001	110/50	100/50	4,3	3	220	105	120	15	15	0,509	5	20	80	1050x800x1200	PE02	54,00
VS0322002	110/56	100/56	4,3	3	220	105	120	15	15	0,527	5	20	80	1050x800x1200	PE02	54,00
VS0322003	110/75	100/70	4,3	3	220	105	120	15	15	0,505	5	20	80	1210x800x1200	PE02	54,00
VS0322004	110/90	100/90	4,3	3,5	220	105	120	15	15	0,531	5	20	40	950x800x1200	PE02	54,00
VS0322005	110/110	100/100	4,3	4,3	220	105	120	15	15	0,595	5	20	40	950x800x1200	PE02	54,00
VS0322007	125/50	125/50	4,9	3	220	105	125	15	15	0,581	5	20	80	1210x800x1200	PE02	59,81
VS0322008	125/56	125/56	4,9	3	220	105	125	15	15	0,623	5	20	40	950x800x1200	PE02	59,81
VS0322009	125/75	125/70	4,9	3	220	105	125	15	15	0,521	5	20	40	950x800x1200	PE02	59,81
VS0322010	125/90	125/90	4,9	3,5	220	105	125	15	15	0,663	5	20	40	950x800x1200	PE02	59,81
VS0322011	125/110	125/100	4,9	4,3	220	105	125	15	25	0,689	5	20	40	950x800x1200	PE02	59,81
VS0322013	125/125	125/125	4,9	4,3	220	105	125	15	25	0,779	5	20	40	954x800x1200	PE02	59,81

Welded. - Abzweiger angeschweißt.

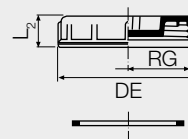
VBF
Ventilation branch
Mischformstück


COD.	D	DN	D _{1/2/3}	D _{4/5/6}	L	L ₁	L ₂	L ₃	L ₄	H	H ₁	H ₂	H ₃	kg		HxLxP	CL	€/pz
VS0316175	110	100	110	75	275	90	130	55	188	700	230	170	300	2,855	1	930x800x1200	PE02	99,74
VS0316179	160	150	110	75	320	95	145	80	205	850	330	160	360	5,139	1	930x800x1200	PE02	372,53

45° access pipe with screw cap
Reinigungsrohr 45°


COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	H	DE	K ₁	kg		HxLxP	CL	€/pz
VS0348110	110/110	100/100	4,3	4,3	270	90	180	220	150	55	0,732	1	930x800x1200	PE02	42,09
VS0348125	125/110	125/100	4,9	4,3	300	100	200	230	150	70	0,939	1	930x800x1200	PE02	58,21
VS0348160	160/110	150/100	6,2	4,3	375	125	275	280	150	110	1,497	1	930x800x1200	PE02	121,53

Welded. - Abzweiger angeschweißt.

Spare parts - Ersatzteile
Short end cap with seal
Verschlusskappe mit Dichtung


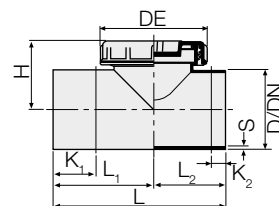
COD.	D	DN	RG	DE	L ₂	kg				HxLxP	CL	€/pz
VS0340210	110	100	132	149	33	0,138	10	80	800	1130x800x1200	PE02	7,96

HDPE RANGE

SORTIMENT HDPE

90° access pipe with screw cap

Reinigungsrohr 90°



COD.	D	DN	S	L	L ₁	L ₂	H	DE	K ₁	K ₂	kg				HxLxP	CL	€/pz
VS0348001 *	40	40	3	130	75	55	69	60	45	20	0,105	20	160	960	1060x800x1200	PE02	17,23
VS0348003 *	50	50	3	150	90	60	75	70	55	25	0,131	20	160	800	1180x800x1200	PE02	17,23
VS0348004	56	56	3	175	105	70	84	85	65	30	0,194	20	160	480	1015x800x1200	PE02	18,00
VS0348005 *	63	60	3	175	100	75	80	90	60	25	0,220	15	120	600	1180x800x1200	PE02	19,07
VS0348007 *	75	70	3	175	105	70	117	109	55	25	0,358	10	80	240	1015x800x1200	PE02	22,26
VS0348009 *	90	90	3,5	200	120	80	125	128	65	25	0,518	10	40	160	1050x800x1200	PE02	29,89
VS0348011	110	100	4,3	240	140	100	94	149*	65	20	0,545	10	40	160	1210x800x1200	PE02	32,08
VS0348013	125	125	4,9	250	150	100	124	149*	70	20	0,635	5	20	80	1050x800x1200	PE02	37,73
VS0348015	160	150	6,2	350	210	140	145	149*	105	30	1,239	1	-	54	930x800x1200	PE02	81,13
VS0348017 *	200	200	6,2	360	180	180	165	149*	180	25	1,633	1	-	30	930x800x1200	PE02	157,12
VS0348019 *	250	250	7,8	440	220	220	190	149*	220	40	2,800	1	-	15	930x800x1200	PE02	180,42
VS0348021 *	315	300	9,8	560	280	280	225	149*	280	70	5,578	1	-	8	930x800x1200	PE02	226,75

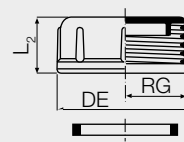
* Welded. - Abzweiger angeschweißt.

* Spare cap. - Ersatzstopfen. VS0340210

Spare parts - Ersatzteile

Short end cap with seal

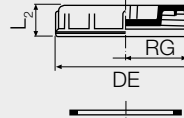
Verschlusskappe mit Dichtung



COD.	D	DN	RG	DE	L ₂	kg				CL	€/pz
VS0340840	40	40	57	60	34	0,038	20	400	3200	PE02	6,41
VS0340850	50	50	63	70	33	0,039	10	200	1600	PE02	6,27
VS0340856	56	56	71	80	34	0,071	10	200	1600	PE02	6,48
VS0340863	63	60	77	85	43	0,086	10	200	1600	PE02	11,21
VS0340875	75	70	97	109	45	0,161	10	80	800	PE02	11,21
VS0340890	90	90	113	128	46	0,225	10	80	480	PE02	12,27
VS0340811	110	100	132	144	65	0,319	10	80	480	PE02	12,47

Short end cap with seal

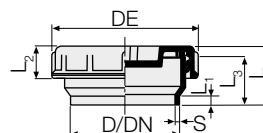
Verschlusskappe mit Dichtung



COD.	D	DN	RG	DE	L ₂	kg				HxLxP	CL	€/pz
VS0340210	110	100	132	149	33	0,138	10	80	800	1130x800x1200	PE02	7,96

Stop end, low type

Übergangsverschraubung kurz

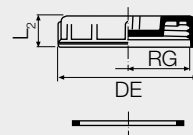


COD.	D	DN	s	L	L ₁	L ₂	L ₃	DE	kg				HxLxP	CL	€/pz
VS0340111	110	100	4,3	63	12	33	50	149	0,241	15	120	600	1180x800x1200	PE02	19,94

Spare parts - Ersatzteile

Short end cap with seal

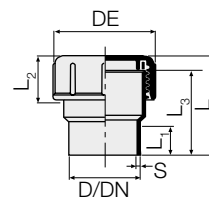
Verschlusskappe mit Dichtung



COD.	D	DN	RG	DE	L ₂	kg				HxLxP	CL	€/pz
VS0340210	110	100	132	149	33	0,138	10	80	800	1130x800x1200	PE02	7,96

Stop end

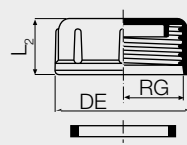
Übergangsverschraubung



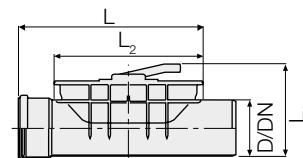
COD.	D	DN	s	L	L ₁	L ₂	L ₃	DE	kg				HxLxP	CL	€/pz
VS0340001	40	40	3	75	30	34	66	60	0,066	40	320	1920	1060x800x1200	PE02	6,48
VS0340003	50	50	3	75	30	33	66	70	0,073	40	320	1920	1180x800x1200	PE02	6,92
VS0340004	56	56	3	77	30	34	66	85	0,117	20	160	960	1060x800x1200	PE02	7,85
VS0340005	63	60	3	76	30	43	66	90	0,131	20	160	960	1060x800x1200	PE02	10,20
VS0340007	75	70	3	103	30	45	87	109	0,248	20	160	480	1015x800x1200	PE02	12,13
VS0340009	90	90	3,5	103	30	46	88	128	0,345	15	120	360	1015x800x1200	PE02	18,03
VS0340011	110	100	4,3	106	30	65	89	144	0,503	10	80	240	1015x800x1200	PE02	19,94

HDPE RANGE
SORTIMENT HDPE**Spare parts - Ersatzteile****Short end cap with seal**

Verschlusskappe mit Dichtung



COD.	D	DN	RG	DE	L ₂	kg				CL	€/pz
VS0340840	40	40	57	60	34	0,038	20	400	3200	PE02	6,41
VS0340850	50	50	63	70	33	0,039	10	200	1600	PE02	6,27
VS0340856	56	56	71	85	34	0,071	10	200	1600	PE02	6,48
VS0340863	63	60	77	90	43	0,086	10	200	1600	PE02	11,21
VS0340875	75	70	97	109	45	0,161	10	80	800	PE02	11,21
VS0340890	90	90	113	128	46	0,225	10	80	480	PE02	12,27
VS0340811	110	100	132	144	65	0,319	10	80	480	PE02	12,47

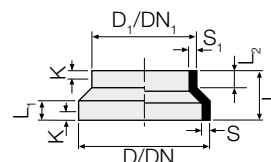
ABS inspection pipe with oval accessABS Reinigungsrohr
absperrbar

COD.	D	DN	L	L ₁	L ₂	kg		HxLxP	CL	€/pz
VS0349003 •	125	125	380	192-262	300	5,260	1	930x800x1200	PE02	77,91
VS0349005 •	160	150	400	230-300	300	2,278	1	930x800x1200	PE02	90,91

• Sell out. - Ausverkauf.

Mini reducer

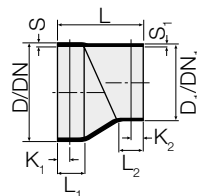
Reduktion zentrisch kurz



COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	K	kg				HxLxP	CL	€/pz
VS0377111	50/40	50/40	3	3	18	9	7	10	0,009	50	1000	8000	1010x800x1200	PE02	2,04

Long eccentric reducer

Reduktion exzentrisch
lang

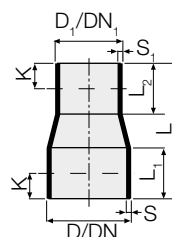


COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	K ₁	K ₂	kg				HxLxP	CL	€/pz
VS0358041 *	160/110	150/100	6,2	4,3	215	35	37	20	20	0,472	5	40	120	1015x800x1200	PE02	71,33
VS0358043	160/125	150/125	6,2	4,9	140	45	40	20	20	0,334	5	40	240	1180x800x1200	PE02	71,33
VS0358045 *	200/110	200/100	6,2	4,3	285	80	40	50	10	0,942	1	-	90	930x800x1200	PE02	84,25
VS0358047 *	200/125	200/125	6,2	4,9	285	80	40	50	10	0,922	1	-	90	930x800x1200	PE02	84,25
VS0358049	200/160	200/150	6,2	6,2	210	80	37	50	10	0,720	1	-	126	930x800x1200	PE02	84,25
VS0358055 *	250/200	250/200	7,8	6,2	405	160	140	100	100	1,942	1	-	40	930x800x1200	PE02	128,02
VS0358061 *	315/200	300/200	9,8	6,2	540	160	140	100	100	3,400	1	-	15	930x800x1200	PE02	172,99
VS0358063 *	315/250	300/250	9,8	7,8	450	160	150	100	100	3,346	1	-	16	930x800x1200	PE02	172,99

* Welded. - Abzweiger angeschweißt.

Concentric reducer

Reduktion zentrisch

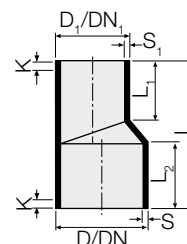


COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	K	kg				HxLxP	CL	€/pz
VS0336000	40/32	40/30	3	3	80	30	30	15	0,025	50	400	4000	1130x800x1200	PE02	1,98
VS0336001	50/40	50/40	3	3	80	30	30	15	0,033	50	400	4000	1130x800x1200	PE02	1,80
VS0336002	56/50	56/50	3	3	80	30	30	15	0,038	50	400	2400	1180x800x1200	PE02	2,10
VS0336061	58/56	56/56	3	3	95	60	30	15	0,047	20	160	1600	1130x800x1200	SL02	6,90
VS0336003	63/40	60/40	3	3	80	30	30	15	0,039	50	400	2400	1180x800x1200	PE02	2,29
VS0336005	63/50	60/50	3	3	80	30	30	15	0,042	50	400	2400	1060x800x1200	PE02	2,29
VS0336006	63/56	60/56	3	3	80	30	30	15	0,043	50	400	2400	1180x800x1200	PE02	2,29
VS0336063	78/63	70/60	3	3	100	60	30	15	0,064	20	160	960	1060x800x1200	SL02	7,93
VS0336007	75/40	70/40	3	3	80	30	30	15	0,046	50	400	2400	1180x800x1200	PE02	3,00
VS0336009	75/50	70/50	3	3	80	30	30	15	0,046	50	400	2400	1180x800x1200	PE02	3,00
VS0336010	75/56	70/56	3	3	80	30	30	15	0,048	50	400	2400	1180x800x1200	PE02	3,00
VS0336011	75/63	70/60	3	3	80	30	30	15	0,052	50	400	2400	1180x800x1200	PE02	3,00
VS0336013	90/40	90/40	3,5	3	80	30	30	15	0,061	30	240	1440	1060x800x1200	PE02	3,60
VS0336015	90/50	90/50	3,5	3	80	30	30	15	0,063	30	240	1440	1060x800x1200	PE02	3,60
VS0336016	90/56	90/56	3,5	3	80	30	30	15	0,065	30	240	1440	1060x800x1200	PE02	3,60
VS0336017	90/63	90/60	3,5	3	80	30	30	15	0,067	25	200	1200	1060x800x1200	PE02	3,60
VS0336019	90/75	90/70	3,5	3	80	30	30	15	0,069	25	200	1200	1060x800x1200	PE02	3,67
VS0336021	110/40	100/40	4,3	3	80	30	30	15	0,088	30	240	1200	1180x800x1200	PE02	4,26
VS0336023	110/50	100/50	4,3	3	80	30	30	15	0,093	30	240	1200	1180x800x1200	PE02	4,26
VS0336024	110/56	100/56	4,3	3	80	30	30	15	0,095	30	240	1200	1180x800x1200	PE02	4,26
VS0336025	110/63	100/60	4,3	3	80	30	30	15	0,097	30	240	1200	1180x800x1200	PE02	4,26
VS0336027	110/75	100/70	4,3	3	80	30	30	15	0,098	30	240	1200	1180x800x1200	PE02	4,26

HDPE RANGE
SORTIMENT HDPE

COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	K	kg				HxLxP 	CL	€/pz
VS0336029	110/90	100/90	4,3	3,5	80	30	30	15	0,103	30	240	1200	1180x800x1200	PE02	4,26
VS0336031	125/50	125/50	4,9	3	80	30	30	15	0,123	20	160	960	1180x800x1200	PE02	6,37
VS0336032	125/56	125/56	4,9	3	80	30	30	15	0,113	20	160	960	1180x800x1200	PE02	6,37
VS0336033	125/63	125/60	4,9	3	80	30	30	15	0,122	20	160	960	1180x800x1200	PE02	6,37
VS0336035	125/75	125/70	4,9	3	80	30	30	15	0,121	20	160	960	1180x800x1200	PE02	6,37
VS0336037	125/90	125/90	4,9	3,5	80	30	30	15	0,124	20	160	960	1180x800x1200	PE02	6,37
VS0336039	125/110	125/100	4,9	4,3	80	30	40	20	0,135	20	160	800	1180x800x1200	PE02	6,37
VS0336041	160/110	150/100	6,2	4,3	115	30	30	15	0,250	1	-	576	930x800x1200	PE02	14,72
VS0336049 *	200/160	200/150	9,2	6,2	180	60	60	20	0,669	1	-	160	930x800x1200	PE02	53,59

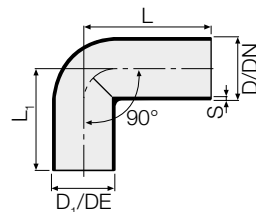
* Welded. - Abzweiger angeschweißt.

Short eccentric reducer*Reduktion exzentrisch*

COD.	D/D ₁	DN/DN ₁	S	S ₁	L	L ₁	L ₂	K	kg				HxLxP 	CL	€/pz
VS0358001	50/40	50/40	3	3	80	35	35	20	0,033	50	400	4000	1130x800x1200	PE02	1,92
VS0358002	56/50	56/50	3	3	80	37	35	20	0,038	30	240	2400	1130x800x1200	PE02	2,02
VS0358003	63/40	60/40	3	3	80	37	35	20	0,039	30	240	2400	1130x800x1200	PE02	2,36
VS0358005	63/50	60/50	3	3	80	37	35	20	0,041	30	240	2400	1130x800x1200	PE02	2,36
VS0358006	63/56	60/56	3	3	80	40	35	20	0,043	30	240	2400	1130x800x1200	PE02	2,49
VS0358007	75/40	70/40	3	3	80	37	35	20	0,047	30	240	1440	1060x800x1200	PE02	2,68
VS0358009	75/50	70/50	3	3	80	37	35	20	0,050	30	240	1440	1060x800x1200	PE02	2,68
VS0358010	75/56	70/56	3	3	80	37	35	20	0,052	30	240	1440	1060x800x1200	PE02	2,93
VS0358011	75/63	70/60	3	3	80	35	35	20	0,052	30	240	1440	1060x800x1200	PE02	2,96
VS0358013	90/40	90/40	3,5	3	80	37	35	20	0,067	30	240	1440	1060x800x1200	PE02	3,93
VS0358015	90/50	90/50	3,5	3	80	37	35	20	0,068	30	240	1440	1060x800x1200	PE02	3,60
VS0358016	90/56	90/56	3,5	3	80	37	35	20	0,071	25	200	1200	1060x800x1200	PE02	3,60
VS0358017	90/63	90/60	3,5	3	80	37	35	20	0,068	25	200	1200	1060x800x1200	PE02	3,60
VS0358019	90/75	90/70	3,5	3	80	37	35	20	0,070	25	200	1200	1060x800x1200	PE02	3,60
VS0358021	110/40	100/40	4,3	3	80	37	35	20	0,094	25	200	1000	1180x800x1200	PE02	4,40
VS0358023	110/50	100/50	4,3	3	80	37	35	20	0,098	25	200	1000	1180x800x1200	PE02	4,40
VS0358024	110/56	100/56	4,3	3	80	37	35	20	0,096	25	200	1000	1180x800x1200	PE02	4,40
VS0358025	110/63	100/60	4,3	3	80	37	35	20	0,100	25	200	1000	1180x800x1200	PE02	4,40
VS0358027	110/75	100/70	4,3	3	80	37	35	20	0,098	25	200	1000	1180x800x1200	PE02	4,40
VS0358029	110/90	100/90	4,3	3,5	80	37	35	20	0,105	25	200	1000	1180x800x1200	PE02	4,40
VS0358031	125/50	125/50	4,9	3	80	37	35	20	0,125	10	80	480	1060x800x1200	PE02	7,26
VS0358032	125/56	125/56	4,9	3	80	37	35	20	0,121	10	80	480	1060x800x1200	PE02	7,26
VS0358033	125/63	125/60	4,9	3	80	37	35	20	0,123	10	80	480	1060x800x1200	PE02	7,26
VS0358035	125/75	125/70	4,9	3	80	37	35	20	0,126	10	80	480	1060x800x1200	PE02	7,26
VS0358037	125/90	125/90	4,9	3,5	80	37	35	20	0,126	10	80	480	1060x800x1200	PE02	7,26
VS0358039	125/110	125/100	4,9	4,3	80	37	35	20	0,118	10	80	480	1060x800x1200	PE02	7,26
VS0358038	160/110	150/100	6,2	4,3	80	37	35	20	0,225	5	40	240	1060x800x1200	PE02	16,54
VS0358040	160/125	150/125	6,2	4,9	80	37	35	20	0,213	5	40	240	1060x800x1200	PE02	16,54

Long bend for trap connection without grommet

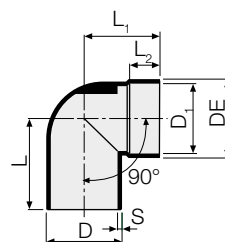
Bogen mit Schenkel ohne Dichtung



COD.	D/D ₁	DN	S	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0331005	50/44	50	3	44	100	80	0,074	20	160	960	1060x800x1200	PE02	3,67
VS0331006	56/50	56	3	50	100	80	0,090	20	160	960	1060x800x1200	PE02	4,00

Bend with cap for trap connection without grommet

Siphonbogen mit Schutzdeckel ohne Dichtung

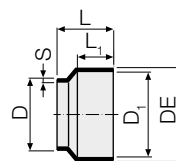


COD.	D/D ₁	S	DE	L	L ₁	L ₂	kg				HxLxP	CL	€/pz
VS0330001	32/46	3	52	55	47	23	0,052	40	320	1920	1060x800x1200	PE02	3,10
VS0330003	40/46	3	52	60	51	22	0,058	40	320	1920	1180x800x1200	PE02	2,70
VS0330005	50/46	3	52	62	51	22	0,063	40	320	1600	1180x800x1200	PE02	2,84
VS0330007 *	50/58	3	64	68	55	24	0,067	20	160	960	1060x800x1200	PE02	3,25
VS0330009	56/46	3	52	64	60	22	0,072	20	160	960	1060x800x1200	PE02	3,25
VS0330011 *	56/58	3	64	65	60	22	0,078	20	160	960	1060x800x1200	PE02	3,25

* With protective cap for sockets. - Mit Schutzdeckel.

Sleeve with cap for trap connection without grommet

Siphon-Anschlussmuffe mit Schutzdeckel ohne Dichtung

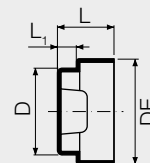


COD.	D/D ₁	S	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0332000	32/46	3	52	30	20	0,033	50	400	2400	1060x800x1200	PE02	2,51
VS0332001	40/46	3	52	30	20	0,030	50	400	4000	1130x800x1200	PE02	2,70
VS0332003	50/46	3	52	30	20	0,028	50	400	2400	1060x800x1200	PE02	2,87
VS0332005 *	50/58	3	64	38	20	0,030	40	320	1920	1060x800x1200	PE02	2,87
VS0332007	56/46	3	52	38	20	0,035	40	320	1920	1060x800x1200	PE02	2,87
VS0332009 *	56/58	3	64	38	20	0,032	20	400	3200	1010x800x1200	PE02	3,08

* With protective cap for sockets. - Mit Schutzdeckel.

HDPE RANGE
SORTIMENT HDPE**Accessories - Ersatzteile****Protective cap**

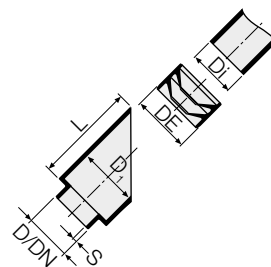
Schutzdeckel



COD.	D	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0503222	46	56	30	10	0,010	40	800	5600	935x800x1200	CC01	0,55
VS0503004	58	65	21	19,5	0,009	40	800	5600	935x800x1200	CC01	0,93

Sleeve for high-level flush cistern with grommet code VS0334021

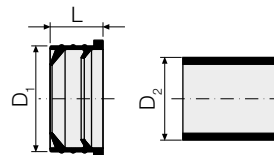
Anschlussmuffe für Spülkasten hohe Installation mit Gummimanschette VS0334021



COD.	D/D ₁	DN	s	DI	DE	L	α	kg				HxLxP	CL	€/pz
VS0333001	32/40	30	3	24-32	40	70	45°	0,034	40	320	1920	1060x800x1200	PE02	4,62

Rubber grommet

Gummimanschette

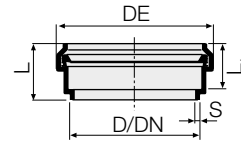


COD.	D ₁	D ₂	L	kg				HxLxP	CL	€/pz
VS0334003 *	46	24-32	22	0,026	100	800	8000	1130x800x1200	CC01	0,76
VS0334005 *	46	36-40	22	0,012	150	1200	7200	1060x800x1200	CC01	0,76
VS0334007 **	58	36-40	22	0,032	100	800	4800	1060x800x1200	CC01	1,56
VS0334021 ***	40	24-32	22	0,012	50	1000	8000	1010x800x1200	CC01	0,93

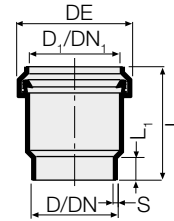
* For codes - Für ART.-NR. VS0330001-VS0330003-VS033005-VS0330009-VS0330011-VS0331005-VS0335003-VS0332000-VS0332001-VS0332003-VS0332007.

**For codes - Für ART.-NR. VS0330007-VS0332005-VS0332009.

*** For codes - Für ART.-NR. VS0333001.

**Short ring seal
socket with
protective cap***Steckmuffe flach mit
Schutzdeckel*

COD.	D	DN	s	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0326001	90	90	3,5	108	42	31,5	0,096	25	200	1200	1060x800x1200	PE02	10,42
VS0326003	110	100	4,3	130	42	31,5	0,143	25	200	600	1015x800x1200	PE02	10,42
VS0326111	110	90	4,3	110	43,5	-	0,140	20	160	960	1060x800x1200	PE02	19,70

**Ring seal socket with
cap***Steckmuffe mit Dichtung
und Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	s	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0324000	32	30	3	46	50	6	0,026	100	800	4800	1060x800x1200	PE02	3,93
VS0324001	40	40	3	56	65	12	0,043	50	400	2400	1060x800x1200	PE02	4,18
VS0324003	50	50	3	66	65	12	0,054	50	400	2400	1180x800x1200	PE02	4,81
VS0324004	56	56	3	73	82	29	0,064	30	240	1440	1060x800x1200	PE02	5,87
VS0324005	63	60	3	79	82	30	0,077	30	240	1440	1180x800x1200	PE02	6,18
VS0324006	63/56	60/56	3	73	50	-	0,050	40	320	1920	1060x800x1200	PE02	6,18
VS0324007	75	70	3	91	90	20	0,110	30	240	1200	1180x800x1200	PE02	7,60
VS0324009	90	90	3,5	108	90	19	0,148	25	200	600	1015x800x1200	PE02	9,65
VS0324011	110	100	4,3	130	95	17	0,221	10	80	400	1180x800x1200	PE02	11,20
VS0324013	125	125	4,9	149,5	95	7	0,278	10	80	400	1180x800x1200	PE02	14,66
VS0324015	160	150	6,2	185,5	130	31	0,656	1	-	165	930x800x1200	PE02	31,93
VS0324017	200	200	6,7	229	210	59	1,390	1	-	50	930x800x1200	PE02	157,34
VS0324019 *	250	250	8,2	289,5	246	80	2,274	1	-	33	930x800x1200	PE02	249,11
VS0324021 *	315	300	10,4	364	260	83,5	3,782	1	-	18	930x800x1200	PE02	298,03

* Without cap. - Ohne Schutzdeckel.

HDPE RANGE
SORTIMENT HDPE**Spare parts - Ersatzteile****O-ring for sockets**

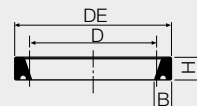
O-Ring für Steckmuffe



COD.	D	DN	DI	H	kg		CL	€/pz
VS0392000	32	30	31	5	0,003	20	PE02	0,60
VS0392001	40	40	39	6	0,005	20	PE02	0,63
VS0392003	50	50	49	6	0,006	20	PE02	0,68
VS0392005	63	60	62	6	0,008	20	PE02	1,10
VS0392007	75	70	79	6	0,009	20	PE02	1,19
VS0392009	90	90	89	6	0,014	20	PE02	1,77
VS0392011	110	100	109	7	0,016	20	PE02	2,86
VS0392013	125	125	124	8	0,025	20	PE02	2,86
VS0392015	160	150	159	9	0,040	20	PE02	3,30

1-lip seal for sockets

Ersatzlippendichtring

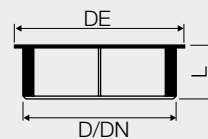


COD.	D	DN	DE	H	B	kg		CL	€/pz
VS0391001	32	30	40,5	6	4,9	0,003	50	CC01	0,40
VS0391003	40	40	51,4	7,8	6,5	0,005	50	CC01	0,40
VS0391005	50	50	61,4	7,8	6,5	0,007	50	CC01	0,40
VS0391007	56	50	67,5	7,8	6,5	0,008	50	CC01	0,62
VS0391009	63	50	74	7,8	6	0,007	20	CC01	0,44
VS0391011	75	70	86,6	7,8	6,5	0,010	20	CC01	0,49
VS0391013	90	80	103	8,9	7,5	0,013	20	CC01	0,61
VS0391222	100	100	114	9,3	8,2	0,018	20	CC01	0,71
VS0391015	110	100	123,9	8,9	7,9	0,020	20	CC01	0,63
VS0391017	125	125	142,2	10,2	8,9	0,029	20	CC01	0,99
VS0391019	160	150	179,8	11,5	10,2	0,046	20	CC01	1,30
VS0391021	200	200	223,7	12,8	11,2	0,079	20	CC01	2,29
VS0391023	250	250	282	19,5	16	0,110	10	CC01	4,63
VS0391025	315	300	350	20,5	17,1	0,130	10	CC01	6,24

Spare parts - Ersatzteile

Protective cap for sockets

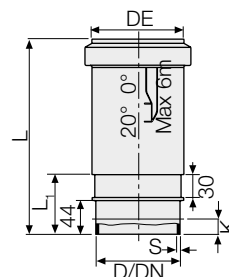
Muffenschutzdeckel



COD.	D	DN	DE	L	kg				HxLxP	CL	€/pz
VS0503035	32	30	37,5	22	0,005	100	2000	14000	935x800x1200	CC01	0,55
VS0503001	40	40	46	38	0,007	40	800	5600	935x800x1200	CC01	0,55
VS0503003	50	50	56	37	0,011	50	800	4000	970x800x1200	CC01	0,55
VS0503002	56	56	62	38	0,008	40	800	5600	935x800x1200	CC01	0,66
VS0503006	63	60	75	38	0,013	30	480	2400	970x800x1200	CC01	0,71
VS0503005	75	70	85	38	0,020	30	480	2400	970x800x1200	CC01	0,66
VS0503008	90	90	102	37	0,029	30	240	1440	970x800x1200	CC01	0,82
VS0503007	110	100	123	39	0,043	30	240	960	1010x800x1200	CC01	0,82
VS0503009	125	125	135	38	0,045	20	160	640	1010x800x1200	CC01	1,15
VS0503011	160	150	170	51	0,146	10	80	320	970x800x1200	CC01	2,81
VS0503013	200	200	210	56	0,157	10	-	-	-	CC01	2,81

Expansion socket

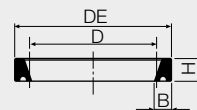
Langmuffe mit Schutzdeckel



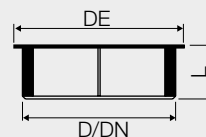
COD.	D	DN	s	DE	L	L ₁	K	kg				HxLxP	CL	€/pz
VS0328000	32	30	3	40	93	9	-	0,041	50	400	2400	1060x800x1200	PE02	8,58
VS0328001	40	40	3	73	235	60	40	0,159	20	160	960	1180x800x1200	PE02	7,95
VS0328003	50	50	3	81	235	56	40	0,193	20	160	800	1180x800x1200	PE02	8,13
VS0328004	56	56	3	90	235	50	40	0,219	20	160	480	1015x800x1200	PE02	9,59
VS0328005	63	60	3	96	235	56	40	0,246	20	160	480	1015x800x1200	PE02	10,05
VS0328007	75	70	3	109	235	56	40	0,291	10	80	240	1015x800x1200	PE02	10,93
VS0328009	90	90	3,5	117	235	54	40	0,336	15	60	240	1050x800x1200	PE02	12,66
VS0328012 ▲	110	100	4,3	140	255	46	20	0,526	10	40	160	1210x800x1200	PE02	16,48
VS0328013	125	125	4,9	154	235	53	40	0,612	10	40	160	1210x800x1200	PE02	21,00
VS0328015 ▲	160	150	6,2	192	260	72	40	1,079	1	-	80	930x800x1200	PE02	44,94
VS0328017 ▲	200	200	6,2	228	350	80	40	1,927	1	-	30	930x800x1200	PE02	183,70
VS0328019 *	250	250	7,8	280	440	183	100	3,602	1	-	17	930x800x1200	PE02	319,01
VS0328021 *	315	300	9,8	350	480	183	100	6,345	1	-	8	930x800x1200	PE02	521,94

▲ For rigid pipe support. - Anschlag für Fixpunkt.

* Without cap. - Ohne Stopfen.

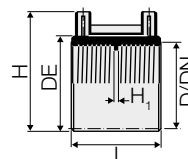
HDPE RANGE
SORTIMENT HDPE**Spare parts - Ersatzteile****Seal for expansion sockets***Ersatzlippendichtring*

COD.	D	DN	H	B	DE	kg				HxLxP	CL	€/pz
VS0391001	32	30	6	4,9	40,5	0,003	50	-	-	-	CC01	0,40
VS0390001	40	40	16	12	60	0,026	20	400	3200	1010x800x1200	PE02	2,56
VS0390003	50	50	16	12	70	0,017	20	400	3200	1010x800x1200	PE02	2,56
VS0390004	56	56	16	12	76	0,036	20	400	3200	1010x800x1200	PE02	2,98
VS0390005	63	60	16	12,5	83	0,040	20	400	3200	1010x800x1200	PE02	2,98
VS0390007	75	70	16	12,5	95,5	0,047	20	400	3200	1010x800x1200	PE02	3,08
VS0390009	90	90	16	12,5	111	0,052	20	400	3200	1010x800x1200	PE02	3,78
VS0390011	110	100	16	12,5	130,5	0,076	10	200	1600	1010x800x1200	PE02	3,43
VS0390013	125	125	16	12	143,5	0,067	10	200	1600	1010x800x1200	PE02	4,44
VS0390015	160	150	16	12,5	180,5	0,079	10	200	1600	1010x800x1200	PE02	5,77
VS0390017	200	200	21,8	11,2	223,7	0,340	10	-	-	-	PE02	20,48
VS0391023	250	250	-	16	282	0,110	10	-	-	-	CC01	4,63
VS0391025	315	300	-	17,1	350	0,130	10	-	-	-	CC01	6,24

Protective cap for sockets*Muffenschutzdeckel*

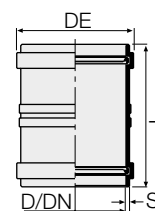
COD.	D	DN	DE	L	kg				HxLxP	CL	€/pz
VS0503035	32	30	37,5	22	0,005	100	2000	14000	935x800x1200	CC01	0,55
VS0503001	40	40	46	38	0,007	40	800	5600	935x800x1200	CC01	0,55
VS0503003	50	50	56	37	0,011	50	800	4000	970x800x1200	CC01	0,55
VS0503002	56	56	62	38	0,008	40	800	5600	935x800x1200	CC01	0,66
VS0503006	63	60	75	38	0,013	30	480	2400	970x800x1200	CC01	0,71
VS0503005	75	70	85	38	0,020	30	480	2400	970x800x1200	CC01	0,66
VS0503008	90	90	102	37	0,029	30	240	1440	970x800x1200	CC01	0,82
VS0503007	110	100	123	39	0,043	30	240	960	1010x800x1200	CC01	0,82
VS0503009	125	125	135	38	0,045	20	160	640	1010x800x1200	CC01	1,15
VS0503011	160	150	170	51	0,146	10	80	320	970x800x1200	CC01	2,81
VS0503013	200	200	210	56	0,157	10	-	-	-	CC01	2,81

**Electro fusion
coupling**
Elektroschweißmuffe



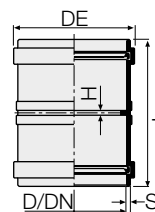
COD.	D	DN	L	DE	H	H ₁	kg				HxLxP	CL	€/pz
VS0350001	40	40	64	52	68	3	0,053	10	240	3360	1140x800x1200	PE03	7,40
VS0350003	50	50	60	63	80	3	0,065	10	190	2850	1155x800x1200	PE03	7,96
VS0350004	56	56	60	70	86	3	0,078	10	160	2400	1150x800x1200	PE03	9,80
VS0350005	63	60	60	77	92	3	0,080	10	140	1960	1110x800x1200	PE03	9,93
VS0350007	75	70	60	90	105	3	0,101	10	480	1440	1070x800x1200	PE03	11,28
VS0350009	90	90	60	106	121	3	0,126	10	350	1050	1070x800x1200	PE03	12,54
VS0350011	110	100	60	126	143	3	0,161	10	270	810	1070x800x1200	PE03	14,29
VS0350013	125	125	60	142	158	3	0,213	5	200	600	1070x800x1200	PE03	18,07
VS0350015	160	150	60	178	194	3	0,286	5	120	360	1140x800x1200	PE03	32,68
VS0350117	200	200	153	233	248	3	1,399	1	-	75	930x800x1200	PE03	199,78
VS0350119	250	250	153	285	300	3	1,786	1	-	55	930x800x1200	PE03	249,65
VS0350121	315	300	153	350	365	3	2,598	1	-	34	930x800x1200	PE03	319,50

Sliding connector
Überschiebmuffe

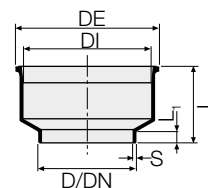


COD.	D	DN	s	L	DE	kg		HxLxP	CL	€/pz
VS0355017	160	150	6,7	230	185	1,316	1	930x800x1200	PE02	198,28
VS0355019	200	200	6,7	270	226	1,811	1	930x800x1200	PE02	252,87
VS0355021	250	250	8,3	300	284	3,298	1	930x800x1200	PE02	374,56
VS0355023	315	300	10,4	320	354	5,019	1	930x800x1200	PE02	519,68

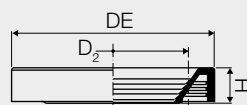
Bi-joint
Doppelsteckmuffe



COD.	D	DN	s	L	H	DE	kg		HxLxP	CL	€/pz
VS0357017	160	150	6,7	230	6	185	1,337	1	930x800x1200	PE02	198,28
VS0357019	200	200	6,7	270	6	226	1,881	1	930x800x1200	PE02	252,87
VS0357021	250	250	8,3	300	7	284	3,277	1	930x800x1200	PE02	378,36
VS0357023	315	300	10,4	320	9	354	5,189	1	930x800x1200	PE02	519,68

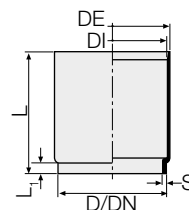
HDPE RANGE
SORTIMENT HDPE**WC pan connector
with protective cap***Boden-WC-Muffe mit
Schutzdeckel*

COD.	D	DN	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0352001	90	90	3,5	120	131	67	12	0,120	20	160	480	1015x800x1200	PE02	10,42
VS0352003	110	100	4,3	120	131	68	15	0,127	20	160	480	1015x800x1200	PE02	10,42

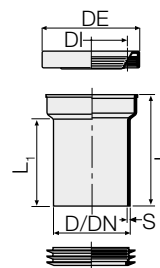
Accessories - Ersatzteile**Seal for sleeves, traps
and WC toilet bends***WC-Anschlussbogen,
Ersatzdichtung*

COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

**Extended WC pan
connector with
protective cap***WC-Anschlussstutzen
verlängert mit
Schutzdeckel*

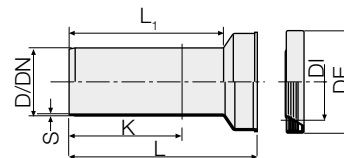
COD.	D	DN	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0356001	90	90	3,5	110	117	125	9	0,203	20	80	320	1050x800x1200	PE02	9,65
VS0356003	110	100	4,3	110	117	125	11	0,196	20	80	320	1050x800x1200	PE02	10,35

**Extended floor pan
connector with 2
seals***WC-Anschlussstutzen
mit 2 Dichtungen*

COD.	D	DN	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0361001	110	100	4,3	102±5	140	166	125	0,403	10	40	160	1050x800x1200	PE02	29,50

Long connection sleeve for wall-hung pan with seal

WC-Anschlussstutzen lang mit Dichtung



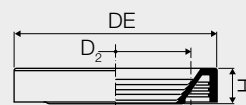
COD.	D	DN	s	DE	DI	L	L ₁	K	kg				HxLxP	CL	€/pz
VS0366125	90	90	3,5	140	102±5	250	200	150	0,402	10	40	160	1050x800x1200	ACCA	30,50
VS0366133	90	90	3,5	140	102±5	300	260	200	0,451	10	40	160	1050x800x1200	ACCA	31,19

Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

Seal for sleeves, traps and WC toilet bends

WC-Anschlussbogen, Ersatzdichtung

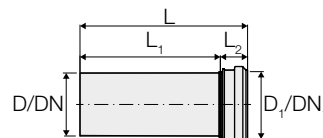


COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

Straight connector for wall-hung pan with seal

Verbinder Wand-WC-Anschluss, gerade



COD.	D/D ₁	DN/DN ₁	L	L ₁	L ₂	kg		CL	€/pz
VS0364130	90/90	90/90	240	201	39	0,293	1	ACCA	44,91

Straight connector for wall-hung pan with seal and protective cap

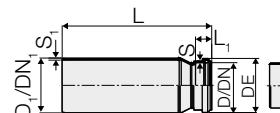
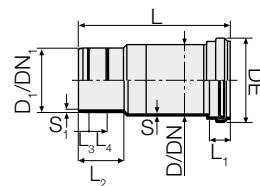
Wand-WC-Anschlussstutzen mit Dichtung und Schutzdeckel



Mod. A - for PVC



Mod. B



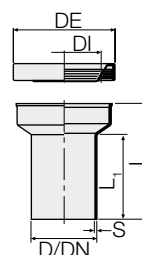
COD.	D/D ₁	DN/DN ₁	Mod.	S	S ₁	DE	L	L ₁	L ₂	L ₃	L ₄	kg				HxLxP	CL	€/pz
VS0366090	90/100	90/100	A	3,5	5,5	109	232	31	70	15	28	0,328	10	80	240	1015x800x1200	ACCA	37,37
VS0366113	90/110	90/100	B	4,3	4,30	109	300	31	180	-	-	0,476	10	40	160	1050x800x1200	ACCA	47,07

Welded. - Abzweiger angeschweißt.

HDPE RANGE
SORTIMENT HDPE**Spare parts - Ersatzteile****O-ring for adaptors
(HDPE - PVC)**O-Ring für Verbindung
mit PVC

COD.	D	DI	H	kg		CL	€/pz
VS0392222	100	95	2,62	0,002	20	CC01	0,93

For codes - Für ART.-NR. VS0353001-VS0353003-VS0354001-VS0366090-VS0366110-VS0364100.

**Connection sleeve
for back-to-wall WC
toilet**WC-Anschlussstutzen
HDPE weiß

COD.	D	DN	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0365001	90	90	3,5	102±5	140	166	130	0,287	10	80	240	1015x800x1200	PE02	21,94
VS0365003	110	100	4,30	102±5	140	166	130	0,308	10	80	240	1050x800x1200	PE02	23,20

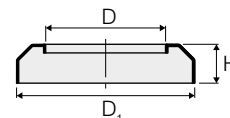
Spare parts - Ersatzteile**Seal for sleeves, traps
and WC toilet bends**WC-Anschlussbogen, Ersatz-
dichtung

COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386001	125	125	102±5	134	23,5	black - Schwarz	0,130	20	160	1600	1130x800x1200	CC01	2,88

For codes - Für ART.-NR. VS0365.

White flange

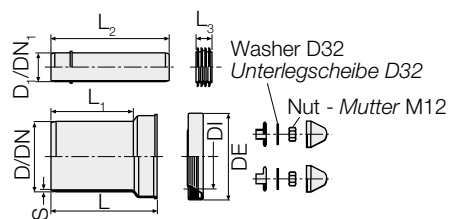
Rosette weiß



COD.	D	D ₁	H	kg				HxLxP	CL	€/pz
VS0588003	90	145	35	0,034	20	160	960	970x800x1200	CC01	3,59
VS0588001	110	165	35	0,040	20	160	640	850x800x1200	CC01	3,98

Connection kit for wall-hung WC toilet

WC-Anschlussgarnitur



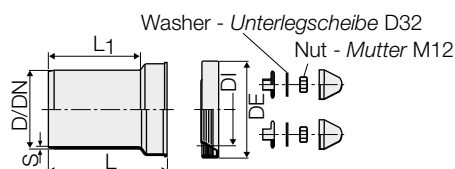
COD.	D/D ₁	DN	s	DI	DE	L	L ₁	L ₂	L ₃	kg				HxLxP	CL	€/pz
VS0366001 *	90/45	90	3,5	102±5	132	166	122	195	24	0,432	10	80	240	1015x800x1200	ACCA	27,21
VS0366003 **	110/45	100	4,3	102±5	132	166	129	199	24	0,485	10	40	160	1050x800x1200	ACCA	27,27

* With o-ring. - Mit Dichtung.

** Without o-ring. - Ohne Dichtung.

Connection sleeve for wall-hung WC toilet

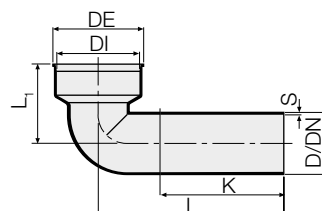
WC-Anschlussgarnitur



COD.	D	DN	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0367001	90	90	3,5	102±5	133	166	128	0,352	10	80	240	1015x800x1200	ACCA	23,77
VS0367003	110	100	4,3	102±5	131	166	128	0,424	10	80	240	1050x800x1200	ACCA	23,77

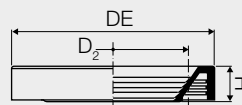
WC toilet bend with protective cap

WC-Bogen mit
Schutzdeckel



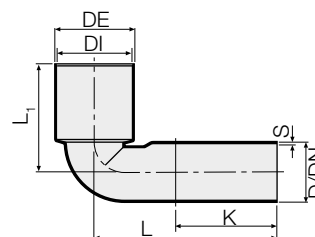
COD.	D	DN	s	DI	DE	L	L ₁	K	kg				HxLxP	CL	€/pz
VS0360001 *	90	90	3,5	120	132	270	115	200	0,418	10	40	160	1210x800x1200	PE02	23,51
VS0360003	110	100	4,30	120	132	300	125	200	0,602	10	40	80	1050x800x1200	PE02	29,24

* Welded. - Abzweiger angeschweißt.

HDPE RANGE
SORTIMENT HDPE**Accessories - Ersatzteile****Seal for sleeves, traps
and WC toilet bends***WC-Anschlussbogen, Ersatz-
dichtung*

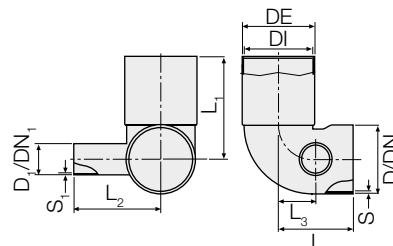
COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

**Extended WC toilet
bend with protective
cap***WC-Bogen mit verlän-
gerter Muffe und Schutz-
deckel*

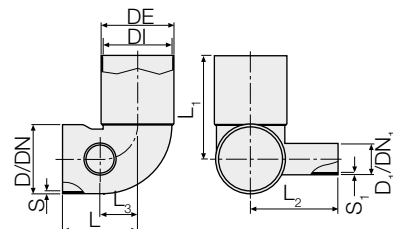
COD.	D	DN	s	DI	DE	L	L ₁	K	kg				HxLxP	CL	€/pz
VS0362001	90/110	90	3,5	110	116	270	160	200	0,490	15	60	120	950x800x1200	PE02	23,14
VS0362003	110/110	100	4,3	110	116	300	170	220	0,677	10	40	80	950x800x1200	PE02	25,72
VS0362125 *	110/125	100	4,3	125	132	300	190	220	0,705	10	40	80	950x800x1200	PE02	41,56

* Without cap. Welded. - Ohne Stopfen. Abzweiger angeschweißt.

**WC toilet extended
bend with protective
cap, branch on right***WC-Bogen, verlängert
mit Anschluss rechts und
Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	kg				HxLxP	CL	€/pz
VS0363001	110/50	100/50	4,3	3	110	116	120	165	140	60	0,457	10	40	120	1054x800x1200	PE02	38,11

Welded. - Abzweiger angeschweißt.

**Extended WC toilet
bend with left inlet
and protective cap***WC-Bogen, verlängert
mit Anschluss links und
Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	kg				HxLxP	CL	€/pz
VS0363003	110/50	100/50	4,3	3	110	116	120	165	140	60	0,471	10	40	120	1054x800x1200	PE02	38,11

Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

Seal for WC toilet sleeves and extended bends

WC-Anschlussbogen, Ersatz-
dichtung

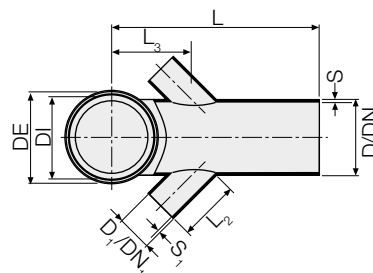
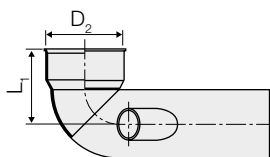


COD.	D	D ₂	DE	H	kg				HxLxP	CL	€/pz
VS0388001	115	102±5	120	23,5	0,076	30	240	1440	1060x800x1200	PE02	5,18

For codes - Für ART.-NR. VS0353-VS0362-VS0363.

WC toilet bend with 2 inlets with protective cap and blank end for side inlet

WC-Bogen mit 2 An-
schlüssen, einem HDPE
Stopfen und Schutz-
deckel



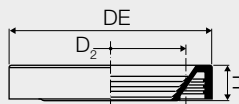
COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	kg				HxLxP	CL	€/pz
VS0380001	90/40/120	90/40	3,5	3	120	130	270	120	87	112	0,472	5	20	80	1050x800x1200	PE02	55,70
VS0380003	90/50/120	90/50	3,5	3	120	130	270	120	87	112	0,480	5	20	80	1050x800x1200	PE02	55,70
VS0380005	110/40/120	100/40	4,3	3	120	130	300	117	87	115	0,656	5	20	80	1050x800x1200	PE02	55,70
VS0380007	110/50/120	100/50	4,3	3	120	130	300	117	87	115	0,650	5	20	80	1210x800x1200	PE02	55,70

Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

Seal for sleeves, traps and WC toilet bends

WC-Anschlussbogen,
Ersatzdichtung



COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

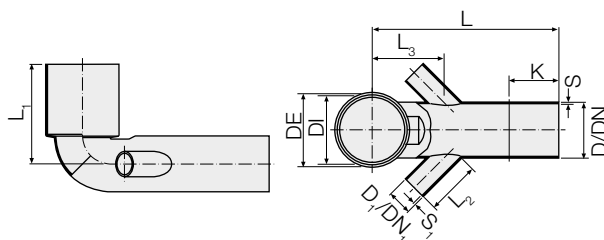
For codes - Für ART.-NR. VS0352-VS0354-VS0362-125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

HDPE RANGE

SORTIMENT HDPE

Extended WC toilet bend with 2 inlets with protective cap and blank end for side inlet

WC-Bogen, verlängert, mit 2 Anschlüssen, einem HDPE Stopfen und Schutzdeckel



COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	K	kg				HxLxP	CL	€/pz
VS0381001 ♦	90/40	90/40	3,5	3	110	116	270	160	87	115	80	0,549	5	20	80	1050x800x1200	PE02	55,70
VS0381003 ♦	90/50	90/50	3,5	3	110	116	270	160	87	115	80	0,542	5	20	80	1050x800x1200	PE02	55,70
VS0381005 ♦	100/40	100/40	4,3	3	110	116	300	170	100	115	120	0,763	5	20	80	1210x800x1200	PE02	55,70
VS0381007	110/50	100/50	4,3	3	110	116	300	170	87	120	120	0,746	5	20	80	1210x800x1200	PE02	55,70
VS0381125 ♦*	110/50	100/50	4,3	3	125	131	300	190	87	115	120	0,739	5	20	80	1210x800x1200	PE02	55,70

* Without cap. - Ohne Stopfen.

♦ Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

Seal for WC toilet sleeves and extended bends

WC-Anschlussbogen, Ersatzdichtung

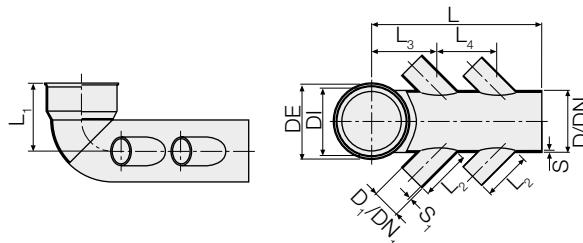


COD.	D	D ₂	DE	H	kg				HxLxP	CL	€/pz
VS0388001	115	102±5	120	23,5	0,076	30	240	1440	1060x800x1200	PE02	5,18

For codes - Für ART.-NR. VS0353-VS0362-VS0363.

WC toilet bend with 4 inlets with protective cap and blank end for side inlet

WC-Bogen mit 4 Anschlüssen, einem HDPE Stopfen und Schutzdeckel



COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	L ₄	kg				HxLxP	CL	€/pz
VS0378001	110/40	100/40	4,3	3	120	130	300	117	87	115	107	0,689	5	-	60	1230x800x1200	PE02	56,57
VS0378003	110/50	100/50	4,3	3	120	130	300	117	87	115	107	0,692	5	20	80	1210x800x1200	PE02	56,57

Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

Seal for sleeves, traps and WC toilet bends

WC-Anschlussbogen, Ersatzdichtung

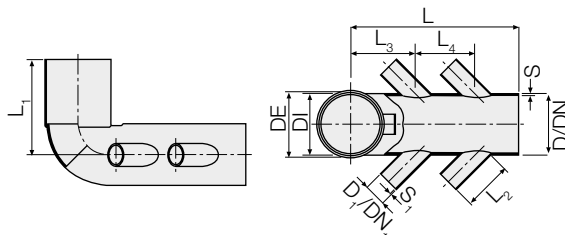


COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

Extended WC toilet bend with 4 inlets with protective cap and blank end for side inlet

WC-Bogen, verlängert, mit 4 Anschlüssen, einem HDPE Stopfen und Schutzdeckel



COD.	D/D ₁	DN/DN ₁	s	s ₁	DI	DE	L	L ₁	L ₂	L ₃	L ₄	kg				HxLxP	CL	€/pz
VS0379001	110/40	100/40	4,3	3	110	117	300	170	87	115	107	0,765	5	20	60	1054x800x1200	PE02	64,06
VS0379003	110/50	100/50	4,3	3	110	117	300	170	87	120	107	0,796	5	20	60	1054x800x1200	PE02	64,06
VS0379125 *	110/50	100/50	4,3	3	125	130	300	190	87	115	107	0,806	5	20	40	950x800x1200	PE02	59,83

* Without cap. - Ohne Stopfen.

Welded. - Abzweiger angeschweißt.

Accessories - Ersatzteile

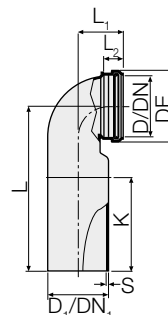
Seal for WC toilet sleeves and extended bends

WC-Anschlussbogen, Ersatzdichtung

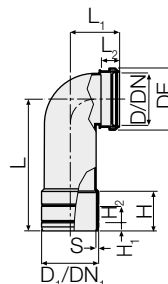


COD.	D	D ₂	DE	H	kg				HxLxP	CL	€/pz
VS0388001	115	102±5	120	23,5	0,076	30	240	1440	1060x800x1200	PE02	5,18

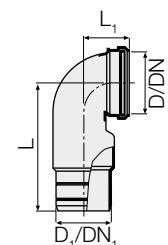
For codes - Für ART.-NR. VS0353-VS0362-VS0363.

HDPE RANGE
SORTIMENT HDPE**WC toilet bend for wall-hung pan with seal and protective cap***WC-Anschlussbogen, mit Dichtung und Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	Mat.	s	L	L ₁	L ₂	DE	H	H ₁	H ₂	K	kg				HxLxP	CL	€/pz
VS0364001	90/90	90/90	HDPE	3,5	270	90	40	108	-	-	-	150	0,388	10	40	160	1050x800x1200	ACCA	29,55
VS0364003	110/110	100/100	HDPE	4,3	300	87	40	130	-	-	-	180	0,597	10	40	160	1210x800x1200	ACCA	30,50
VS0364006 *	90/90	90/90	PP	3,5	230	65	35	108	-	-	-	150	0,239	10	40	160	1210x800x1200	ACCA	28,77
VS0364008 *	90/90	90/90	PP	2,5	400	66	33	105	-	-	-	-	0,410	10	40	160	1210x800x1200	ACCA	37,92
VS0364015	90/100	90/100	PVC	3,6	300	90	35	108	-	-	-	-	0,331	1	-	-	980x800x1200	ACCA	27,94
VS0364052	90/100	90/100	PP	2,9	230	86	32	108	-	-	-	136	0,316	1	-	168	980x800x1200	ACCA	28,71
VS0364111	90/110	90/100	HDPE	4,3	230	90	40	108	74	24	15	-	0,525	10	40	160	1050x800x1200	ACCA	30,50

* Space-saving. - *Raumsparend.***WC toilet bend for wall-hung pan with seal and protective cap***WC-Anschlussbogen, mit Dichtung und Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	Mat.	s	L	L ₁	L ₂	DE	H	H ₁	H ₂	kg				HxLxP	CL	€/pz
VS0364059	90/100	90/100	HDPE	5	230	81	39	109	70	17	25	0,352	1	-	200	950x800x1200	ACCA	39,96

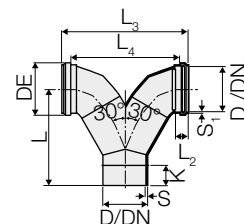
WC toilet bend for wall-hung pan with seal and protective cap*WC-Anschlussbogen, mit Dichtung und Schutzdeckel*

COD.	D/D ₁	DN/DN ₁	Mat.	L	L ₁	kg				HxLxP	CL	€/pz
VS0364100 ♦	110/100	100/100	HDPE	230	82	0,520	10	40	160	1210x800x1200	ACCA	54,41

♦ Welded. - *Abzweiger angeschweißt.*

Double bend for wall-hung WC toilet, vertical installation

WC-Doppelanschlussbogen, senkrecht mit Dichtungen und Schutzdeckel

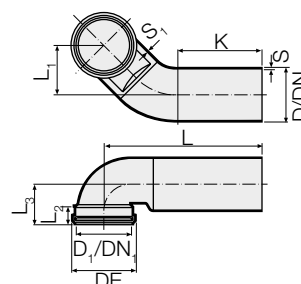


COD.	D/D ₁	DN/DN ₁	s	s ₁	DE	L	L ₂	L ₃	L ₄	K	kg				HxLxP 	CL	€/pz
VS0368001	110/110	100/100	4,3	4,3	130	205	37	285	240	50	0,828	5	20	60	1054x800x1200	PE02	87,19
VS0368003	110/90	100/90	4,3	3,5	108	210	-	270	-	50	0,772	5	20	60	1054x800x1200	PE02	87,19

Welded. - Abzweiger angeschweißt.

Bend for wall-hung WC toilet, horizontal installation, left, with seal and cap

WC-Anschlussbogen, waagerecht, links mit Dichtung und Schutzdeckel

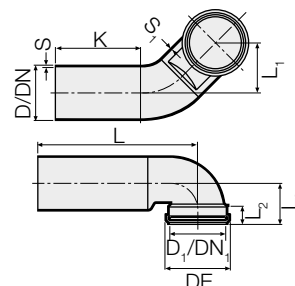


COD.	D/D ₁	DN/DN ₁	s	s ₁	DE	L	L ₁	L ₂	L ₃	K	kg				HxLxP	CL	€/pz
VS0370002	90/90	90/90	3,5	3,5	108	290	100	35	85	150	0,452	5	40	120	1015x800x1200	PE02	45,68
VS0370003	110/90	100/90	4,3	3,5	108	315	100	35	85	170	0,602	5	20	80	1050x800x1200	PE02	48,50
VS0370001	110/110	100/100	4,3	4,3	130	320	100	35	85	170	0,704	5	20	80	1050x800x1200	PE02	48,50

Welded. - Abzweiger angeschweißt.

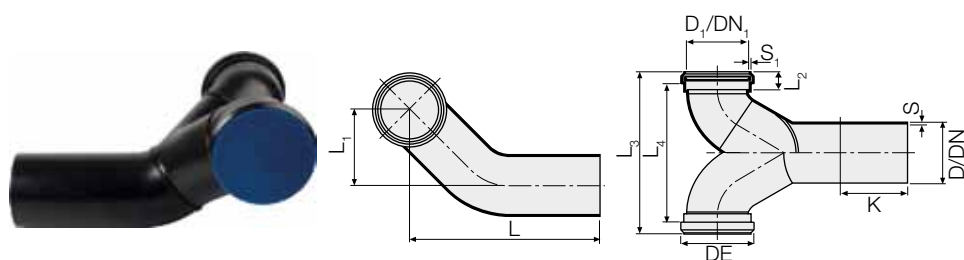
Bend for wall-hung WC toilet, horizontal installation, right, with seal and cap

WC-Anschlussbogen, waagerecht, rechts mit Dichtung und Schutzdeckel



COD.	D/D ₁	DN/DN ₁	s	s ₁	DE	L	L ₁	L ₂	L ₃	K	kg				HxLxP	CL	€/pz
VS0372002	90/90	90/90	3,5	3,5	110	290	100	35	85	150	0,450	5	40	120	1015x800x1200	PE02	45,68
VS0372003	110/90	100/90	4,3	3,5	108	315	100	35	85	170	0,602	5	20	80	1050x800x1200	PE02	48,50
VS0372001	110/110	100/100	3,5	4,3	130	340	100	35	85	170	0,691	5	20	80	1050x800x1200	PE02	48,50

Welded. - Abzweiger angeschweißt.

HDPE RANGE
SORTIMENT HDPE**Double bend for wall-hung WC toilet, horizontal installation, with seals and protective caps***WC-Doppelanschlussbogen, waagrecht, mit Dichtung und Schutzdeckel*

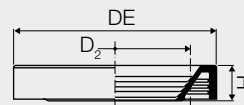
COD.	D/D ₁	DN/DN ₁	s	s ₁	DE	L	L ₁	L ₂	L ₃	L ₄	K	kg				HxLxP	CL	€/pz
VS0374001	110/110	100/100	4,3	4,3	130	340	95	37	285	240	120	1,032	5	20	40	950x800x1200	PE02	115,89
VS0374003	110/90	100/90	4,3	3,5	108	335	100	-	270	-	120	0,984	5	20	40	950x800x1200	PE02	115,89

Welded. - Abzweiger angeschweißt.

Trap for squatting toilet with seal and protective cap*Hocktoilette Anschlussiphon mit Dichtung und Schutzdeckel*

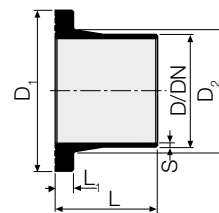
COD.	D	DN	α	s	DI	DE	L	L ₁	L ₂	kg				HxLxP	CL	€/pz
VS0375001	110	100	0°	4,3	102±5	140	270	215	170	0,826	5	20	80	950x800x1200	PE02	72,07
VS0375003	110	100	45°	4,3	102±5	140	240	225	160	1,044	5	20	40	950x800x1200	PE02	73,22
VS0375005	110	100	90°	4,3	102±5	140	340	225	220	1,133	5	20	40	950x800x1200	PE02	82,94

Welded. - Abzweiger angeschweißt.

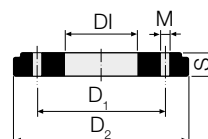
Accessories - Ersatzteile**Seal for sleeves, traps and WC toilet bends***WC-Anschlussbogen, Ersatzdichtung*

COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

Stub end
Vorschweißbund


COD.	D	DN	s	D ₁	D ₂	L	L ₁	kg		CL	€/pz
VS0347003	50	50	3	88	61	63	12	0,092	1	PE02	16,87
VS0347006	56	56	3	94	72	90	12	0,109	1	PE02	21,16
VS0347007	63	60	3	102	75	90	15	0,137	1	PE02	21,16
VS0347009	75	70	3	122	89	90	15	0,191	1	PE02	22,88
VS0347011	90	90	3,5	138	106	90	15	0,257	1	PE02	25,73
VS0347013	110	100	4,3	158	120	100	18	0,367	1	PE02	29,17
VS0347015	125	125	4,9	158	128	100	18	0,334	1	PE02	35,19
VS0347017	140	140	4,9	188	150	100	18	0,472	1	PE02	48,25
VS0347019	160	150	6,2	212	175	100	18	0,634	1	PE02	49,48
VS0347021	200	200	6,2	268	232	128	20	1,149	1	PE02	129,14
VS0347023	250	250	7,8	320	285	130	20	1,679	1	PE02	230,08
VS0347025	315	300	9,8	370	336	130	20	2,095	1	PE02	309,96

**Painted aluminium
backing flange**
*Losflansch leer in
lackiertem Aluminium*


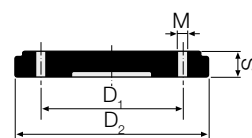
COD.	D	DN	DI	D ₁	D ₂	M	s	Hole n° Loch Nr.	kg		CL	€/pz
VS0345003	50	50	62	110	149	18	20	4	0,547	1	PE02	34,87
VS0345006	56	56	58	126	163	18	16	4	0,713	1	PE02	40,67
VS0345007	63	60	78	125	164	18	22	4	0,711	1	PE02	41,95
VS0345009	75	70	93	146	184	18	22	4	0,880	1	PE02	49,58
VS0345011	90	90	108	160	200	18	22	8	0,985	1	PE02	50,85
VS0345013	110	100	128	180	218	20	18	8	1,142	1	PE02	61,30
VS0345015	125	125	136	180	217	18	18	8	1,066	1	PE02	69,54
VS0345017	140	140	160	210	249	18	22	8	1,354	1	PE02	80,85
VS0345019	160	150	179	240	284	22	18	8	1,844	1	PE02	89,06
VS0345021	200	200	235	295	340	21	20	8	2,341	1	PE02	146,21
VS0345023	250	250	285	350	394	22	22	12	3,106	1	PE02	205,97
VS0345025	315	300	340	400	443	22	22	12	3,531	1	PE02	292,42

HDPE RANGE

SORTIMENT HDPE

Painted aluminium blank flange

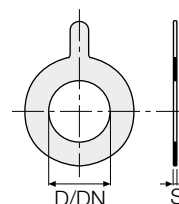
Blindflansch leer in
lackiertem Aluminium



COD.	D	DN	D ₁	D ₂	M	s	Hole n° Lock nr.	kg		CL	€/pz
VS0346003	50	50	110	149	18	20	4	0,757	1	PE02	36,18
VS0346006	56	56	126	163	18	16	4	0,868	1	PE02	42,38
VS0346007	63	60	125	164	18	22	4	1,017	1	PE02	42,38
VS0346009	75	70	146	184	18	22	4	1,088	1	PE02	54,72
VS0346011	90	90	160	200	18	22	8	1,531	1	PE02	68,09
VS0346013	110	100	180	218	20	18	8	1,718	1	PE02	81,03
VS0346015	125	125	180	217	18	18	8	1,797	1	PE02	86,86
VS0346017	140	140	210	249	18	22	8	2,392	1	PE02	127,50
VS0346019	160	150	240	284	22	18	8	2,821	1	PE02	133,22
VS0346021	200	200	295	340	21	20	8	4,627	1	PE02	154,89
VS0346023	250	250	350	394	22	22	12	7,437	1	PE02	220,02
VS0346025	315	300	400	443	22	22	12	9,282	1	PE02	325,29

Flat rubber seal for flange

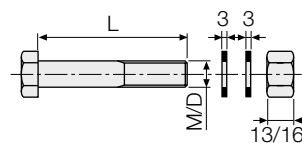
Flanschdichtung



COD.	D	DN	s	kg		CL	€/pz
VS0343003	50	50	3	0,018	10	PE02	2,39
VS0343005	56	56	3	0,019	10	PE02	2,39
VS0343007	63	60	3	0,021	10	PE02	3,56
VS0343009	75	70	3	0,032	10	PE02	8,38
VS0343011	90	90	3	0,037	10	PE02	4,39
VS0343013	110	100	3	0,044	10	PE02	4,45
VS0343015	125	125	3	0,036	10	PE02	4,70
VS0343017	140	140	3	0,067	10	PE02	6,11
VS0343019	160	150	3	0,068	10	PE02	7,08
VS0343021	200	200	3	0,111	10	PE02	7,37
VS0343023	250	250	3	0,143	10	PE02	14,74
VS0343025	315	300	3	0,150	10	PE02	15,59

Galvanised bolt with washer and nut for flange

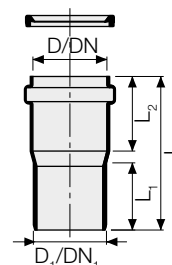
Schrauben-Set mit verzinkter Mutter und Scheiben für Flansch



COD.	M/DN	L	For flange Für Flansch D	kg		CL	€/pz
VS0341003	16	90	50-56	0,865	1 (4 pcs)	PE02	15,33
VS0341005	16	100	63-75	0,923	1 (4 pcs)	PE02	19,47
VS0341006	16	100	90	1,863	1 (8 pcs)	PE02	31,10
VS0341007	16	110	110-125-140	1,971	1 (8 pcs)	PE02	33,36
VS0341009	20	110	160	3,243	1 (8 pcs)	PE02	51,99
VS0341011	20	130	200-250-315	5,404	1 (12 pcs)	PE02	85,90

Solvent weld adaptor for connection to PVC

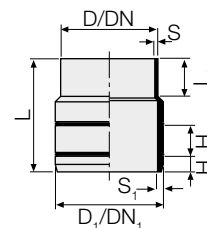
Anschlussstück an PVC (zum Kleben)



COD.	D/D ₁	DN/DN ₁	L	L ₁	L ₂	kg				HxLxP	CL	€/pz
VS0564121	40/40	40/40	105	50	55	0,045	40	320	1920	970x800x1200	SF01	4,19
VS0564122	50/47	50/40	105	44	47	0,051	30	240	1440	970x800x1200	SF01	4,61
VS0564123	50/50	50/50	105	50	55	0,054	30	240	1440	970x800x1200	SF01	4,30
VS0564150	50/100	50/100	130	91	40	0,186	10	80	480	970x800x1200	SF01	13,62
VS0564075	75/75	70/70	144	87	58	0,177	15	120	480	850x800x1200	SF01	9,00
VS0564131	75/80	70/80	154	78	75	0,176	15	120	480	1010x800x1200	SF01	9,00
VS0564182	75/82	70/80	159	78	80	0,197	15	120	480	850x800x1200	SF01	9,01
VS0564175	75/100	70/100	156	77	77	0,143	10	80	480	970x800x1200	SF01	9,95
VS0564190	90/100	90/100	143	76	65	0,216	10	80	320	1010x800x1200	SF01	10,00
VS0564101	110/100	100/100	147	83	57	0,241	10	80	320	1010x800x1200	SF01	13,93
VS0564251	110/125	100/125	145	83	60	0,290	10	80	240	1015x800x1200	SF01	10,50

Male adaptor with o-rings for connection to PVC

Anschlussstück an PVC mit Dichtung



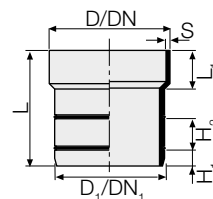
COD.	D/D ₁	DN/DN ₁	s	s ₁	L	L ₁	H ₁	H ₂	kg				HxLxP	CL	€/pz
VS0353001	90/100	90/100	3,5	6	115	30	15	24	0,142	10	80	480	1060x800x1200	PE02	17,54

HDPE RANGE

SORTIMENT HDPE

Male adaptor with o-rings for connection to PVC

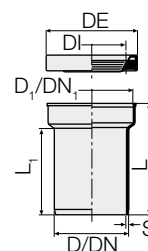
Anschlussstück an PVC
mit Dichtung



COD.	D/D ₁	DN/DN ₁	s	DE	L	L ₁	H ₁	H ₂	kg				HxLxP	CL	€/pz
VS0353003	110/100	100/100	4,3	105	105	30	26	27	0,160	15	120	600	1180x800x1200	PE02	19,43

Female adaptor for connection to PVC

Anschlussstück an PVC
mit Dichtung

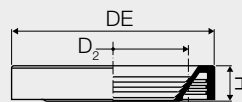


COD.	D/D ₁	DN/DN ₁	s	DI	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0353005	90/100	90/100	3,5	102±5	140	166	130	0,275	10	40	160	1050x800x1200	PE02	23,85
VS0353007	110/100	100/100	4,3	102±5	140	166	130	0,347	10	40	160	1050x800x1200	PE02	25,81

Spare parts - Ersatzteile

Seal for sleeves, traps and WC toilet bends

WC-Anschlussbogen, Ersatz-
dichtung

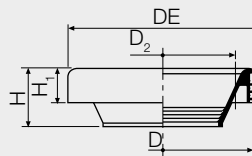


COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

Seal for connecting sleeve (PVC)

Dichtung für Anschlussstück
an PVC

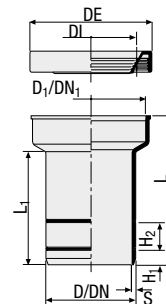


COD.	D	DN	DE	D ₂	H	H ₁	kg				HxLxP	CL	€/pz
VS0386005	125	125	130	100±7	40	23	0,145	20	160	1600	1130x800x1200	PE02	6,67

For codes - Für ART.-NR. VS0353007.

WC toilet connector for PVC with ring seal

WC-Anschlussstück an
PVC mit O-Ring



COD.	D	DN	s	DI	DE	L	L ₁	L ₂	H ₂	kg				HxLxP	CL	€/pz
VS0354001	100	100	4,3	102±5	140	166	125	17	30	0,327	10	80	240	1015x800x1200	ACCA	35,27

Spare parts - Ersatzteile

Seal for sleeves, traps and WC toilet bends

WC-Anschlussbogen, Ersatz-
dichtung

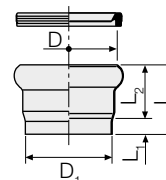


COD.	D	DN	D ₂	DE	H	Colour - Farbe	kg				HxLxP	CL	€/pz
VS0386003	125	125	102±5	134	23,5	white - Weiß	0,104	20	160	1600	1130x800x1200	CC01	4,07

For codes - Für ART.-NR. VS0352-VS0354-VS0362125-VS0356-VS0366-VS0367-VS0375-VS0378-VS0380-VS0353.

Metal adaptor (brass)

Anschlussstück aus Mes-
sing für Verbindung an
Metallrohr mit Dichtung



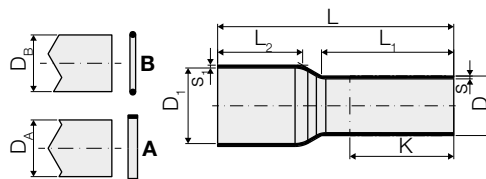
COD.	D	D ₁	L	L ₁	L ₂	kg				HxLxP	CL	€/pz
VS0570001	32	32	61	26	33	0,028	40	800	5600	935x800x1200	SF01	5,90
VS0570002	40	32	59	28	25	0,040	40	800	5600	935x800x1200	SF01	5,90
VS0570003	40	40	55	25	25	0,037	40	800	5600	935x800x1200	SF01	5,90

HDPE RANGE

SORTIMENT HDPE

Contraction sleeve for connection to cast iron, asbestos, steel pipes

Anschlussstück an Guss,
Eternit, Stahl, usw. mit
Schrumpfmuffe



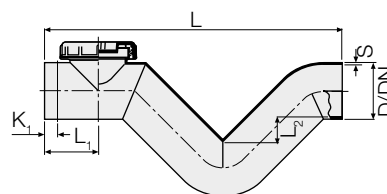
COD.	D	D ₁	s	s ₁	L	L ₁	L ₂	K	D _A	D _B	kg				HxLxP	CL	€/pz
VS0383001	50	60	3	3	300	220	60	190	53-54	48-49	0,230	15	120	360	1015x800x1200	PE02	16,76
VS0383003 *	50	73	3	3	285	105	70	75	60-67	53-60	0,256	15	120	360	1015x800x1200	PE02	46,51
VS0383005 *	50	80	3	3	310	120	90	90	67-74	60-67	0,216	15	120	360	1015x800x1200	PE02	46,51
VS0383007 *	50	90	3	3	295	105	80	75	80-84	73-79	0,301	15	60	240	1050x800x1200	PE02	46,51
VS0383011	56	60	3	3	250	180	60	150	53-54	48-49	0,141	15	120	360	1015x800x1200	PE02	17,28
VS0383013	56	73	3	3	260	155	75	125	60-67	53-60	0,159	15	120	360	1015x800x1200	PE02	17,28
VS0383021	63	73	3	3	265	165	70	135	60-67	53-60	0,249	15	60	240	1050x800x1200	PE02	17,41
VS0383023	63	80	3	3	250	140	90	110	67-74	60-67	0,218	15	60	240	1050x800x1200	PE02	17,41
VS0383025 *•	63	90	3	3	295	105	80	75	80-84	73-79	0,313	15	60	240	1050x800x1200	PE02	25,42
VS0383029	75	80	3	3	255	160	60	130	67-74	60-67	0,315	15	60	240	1050x800x1200	PE02	25,31
VS0383031	75	90	3	3	255	145	80	115	80-84	73-79	0,320	10	80	240	1015x800x1200	PE02	25,31
VS0383033 *	75	100	3	3	290	180	60	150	88-94	83-87	0,257	10	80	240	1015x800x1200	PE02	58,95
VS0382001	90	110	3,5	3,5	180	80	85	50	84-98	-	0,239	10	80	240	1015x800x1200	PE02	30,94
VS0382003	110	122	4,3	4,3	210	80	100	55	102-111	100-109	0,338	10	40	160	1050x800x1200	PE02	32,68
VS0382005	110	140	4,3	4,3	225	80	100	55	102-126	100-124	0,422	10	40	160	1210x800x1200	PE02	43,34
VS0382007	125	150	4,9	4,9	225	80	100	55	116-136	115-134	0,519	10	40	120	1054x800x1200	PE02	43,34

* Welded. - Abzweiger angeschweißt.

• Sell out. - Ausverkauf.

Firenze trap with access D 110

Siphon Firenze mit Reini-
gungsrohr D 110

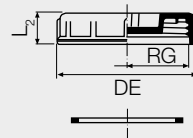


COD.	D	DN	s	L	L ₁	L ₂	K ₁	kg		CL	€/pz
VS0375110	110	100	4,3	580	105	50	20	1,248	1	PE02	112,46
VS0375125	125	125	4,9	650	100	50	20	1,759	1	PE02	137,72
VS0375160	160	150	6,2	870	140	50	30	3,471	1	PE02	298,42

Welded. - Abzweiger angeschweißt.

Spare parts - Ersatzteile

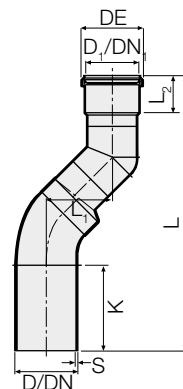
Short end cap with seal

Verschlusskappe mit Dich-
tung

COD.	D	DN	RG	DE	L ₂	kg				HxLxP	CL	€/pz
VS0340210	110	100	132	149	33	0,138	10	80	800	1130x800x1200	PE02	7,96

Offsetting fitting

Etagenbogen

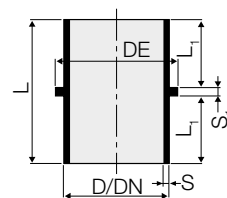


COD.	D/D ₁	DN/DN ₁	s	DE	L	L ₁	L ₂	K	kg				HxLxP	CL	€/pz
VS0323090	90/90	90/90	3,5	108	470	100	70	135	0,531	5	20	80	1050x800x1200	PE02	52,62
VS0323109	110/90	100/90	4,3	108	480	110	65	170	0,706	5	20	80	1050x800x1200	PE02	50,71

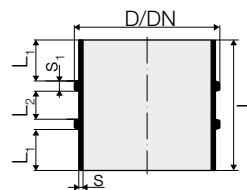
Welded. - Abzweiger angeschweißt.

Flange bushing

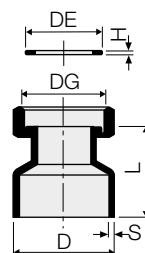
Bundbuchse



COD.	D	DN	s	s ₁	DE	L	L ₁	kg				HxLxP	CL	€/pz
VS0344001	40	40	3	4	46	64	30	0,023	50	400	4000	1130x800x1200	PE02	2,23
VS0344003	50	50	3	4	57	68	32	0,032	50	400	2400	1060x800x1200	PE02	2,42
VS0344004	56	56	3	4	64	68	32	0,036	40	320	1920	1060x800x1200	PE02	2,67
VS0344005	63	60	3	4	71	72	34	0,044	20	160	1600	1130x800x1200	PE02	3,17
VS0344007	75	70	3	5	84	83	39,5	0,061	20	160	960	1180x800x1200	PE02	4,50
VS0344009	90	90	3,5	5	100	100	47,5	0,100	15	120	600	1180x800x1200	PE02	6,68
VS0344011	110	100	4,3	6	120	112	53,5	0,171	10	80	400	1180x800x1200	PE02	7,60

HDPE RANGE
SORTIMENT HDPE**Flange bushing with housing for clip***Bundbuchse
Doppelflansch*

COD.	D	DN	s	s ₁	DE	L	L ₁	L ₂	kg				HxLxP	CL	€/pz
VS0344215	200	200	6,2	15	13	191	60	41	0,816	1	-	80	950x800x1200	PE02	79,55
VS0344217	250	250	7,7	20	262	201	60	41	1,345	1	-	48	950x800x1200	PE02	103,84
VS0344219	315	300	9,7	20	326	201	60	41	2,030	1	-	28	950x800x1200	PE02	145,83

Cap and lining seal*Anschlusssutzen mit
Schraubmutter und
Dichtung*

RUBBER SEAL - GUMMIDICHTUNG

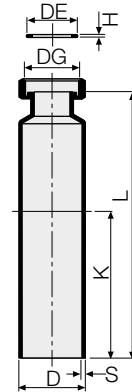
COD.	D	DG	S	L	DE	H	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700038	32	1"1/4	3	45	40	2	brass - Messing	0,071	50	400	3200	970x800x1200	SF01	8,34
VS0700043	40	1"1/4	3	45	40	2	brass - Messing	0,077	50	400	4000	970x800x1200	SF01	6,97
VS0700045	40	1"1/2	3	45	45	2	brass - Messing	0,087	50	400	3200	970x800x1200	SF01	7,25
VS0700062	50	1"1/4	3	45	40	2	brass - Messing	0,082	40	320	3200	970x800x1200	SF01	7,25
VS0700063	50	1"1/2	3	45	45	2	brass - Messing	0,089	40	320	3200	970x800x1200	SF01	7,37

FIBRE SEAL - FASERDICHTUNG

COD.	D	DG	S	L	DE	H	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700238	32	1"1/4	3	45	40	2	plastic - Kunststoff	0,022	40	320	3200	970x800x1200	SF01	7,37
VS0700243	40	1"1/4	3	45	40	2	plastic - Kunststoff	0,026	40	320	3200	970x800x1200	SF01	6,06
VS0700245	40	1"1/2	3	45	45	2	plastic - Kunststoff	0,031	50	400	4000	970x800x1200	SF01	6,06
VS0700262	50	1"1/4	3	45	40	2	plastic - Kunststoff	0,028	40	320	3200	970x800x1200	SF01	6,06
VS0700263	50	1"1/2	3	45	45	2	plastic - Kunststoff	0,031	40	320	3200	970x800x1200	SF01	6,44

Cap and lining - long

Anschlussstutzen lang
mit Schraubmutter und
Dichtung



RUBBER SEAL - GUMMIDICHTUNG

COD.	D	DG	S	L	DE	H	K	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700051	40	1"1/4	3	195	40	2	110	brass - Messing	0,132	20	160	1280	970x800x1200	SF01	11,76
VS0700053	40	1"1/2	3	195	45	2	110	brass - Messing	0,144	20	160	1280	965x800x1200	SF01	11,12
VS0700058	50	1"1/4	3	195	40	2	110	brass - Messing	0,149	20	160	1120	970x800x1200	SF01	12,71
VS0700060	50	1"1/2	3	195	45	2	110	brass - Messing	0,160	20	160	1120	970x800x1200	SF01	12,71

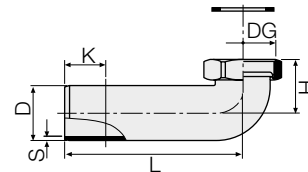
FIBRE SEAL - FASERDICHTUNG

COD.	D	DG	S	L	DE	H	K	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700251	40	1"1/4	3	195	40	2	110	plastic - Kunststoff	0,080	20	160	1600	970x800x1200	SF01	10,90
VS0700253	40	1"1/2	3	195	45	2	110	plastic - Kunststoff	0,085	20	160	1120	970x800x1200	SF01	10,31
VS0700254	48	1"1/4	3	195	40	2	110	plastic - Kunststoff	0,094	20	160	1120	970x800x1200	SF01	11,26
VS0700256	48	1"1/2	3	195	45	2	110	plastic - Kunststoff	0,099	20	160	1120	970x800x1200	SF01	11,26
VS0700258	50	1"1/4	3	195	40	2	110	plastic - Kunststoff	0,098	20	160	1120	970x800x1200	SF01	11,26
VS0700260	50	1"1/2	3	195	45	2	110	plastic - Kunststoff	0,102	20	160	1120	970x800x1200	SF01	12,65

Welded. - Abzweiger angeschweißt.

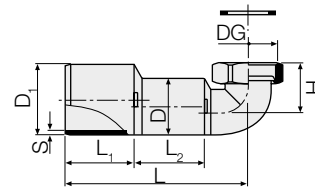
Cap and lining - curved

Bogen-Anschlussstutzen
mit Schraubmutter und
Dichtung



RUBBER SEAL - GUMMIDICHTUNG

COD.	D	DG	S	L	H	K	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700180	40	1"1/4	3	130	25	100	brass - Messing	0,093	20	320	1600	970x800x1200	SF01	6,41
VS0700190	40	1"1/2	3	130	30	100	brass - Messing	0,111	20	320	1600	970x800x1200	SF01	6,65

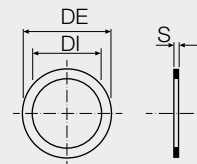
HDPE RANGE
SORTIMENT HDPE**Cap and lining -
curved***Bogen-Anschlussstutzen
mit Schraubmutter und
Dichtung*

RUBBER SEAL - GUMMIDICHTUNG

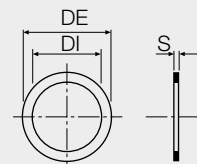
COD.	D	DG	S	L	L ₁	L ₂	H	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700059	40/50	1"1/4	3	130	50	54	25	brass - Messing	0,103	20	320	1600	970x800x1200	SF01	6,44
VS0700061	40/50	1"1/2	3	120	50	-	30	brass - Messing	0,122	25	200	1400	970x800x1200	SF01	6,83

FIBRE SEAL - FASERDICHTUNG

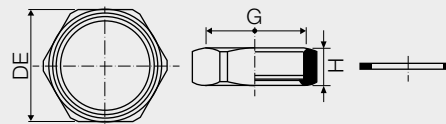
COD.	D	DG	S	L	L ₁	L ₂	H	Nut - Mutter	kg				HxLxP	CL	€/pz
VS0700261	40/50	1"1/2	3	120	50	N.C.	30	plastic - Kunststoff	0,073	20	160	1120	970x800x1200	SF01	7,15

Spare parts - Ersatzteile**Flat fibre seal***Faserflachdichtung*

COD.	G	s	DE	DI	kg		CL	€/pz
VS0703029	1"1/4	2,4	38	30	0,011	10	SF01	0,50
VS0703027	1"1/2	2,4	45	36	0,011	10	SF01	0,50

Flat rubber seal*Gummiflachdichtung*

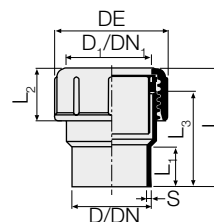
COD.	G	s	DE	DI	kg		CL	€/pz
VS0703024	1"1/4	2,4	38	30	0,002	10	SF01	0,78
VS0703021	1"1/2	2,4	45	36	0,001	10	SF01	0,50

Brass nut*Mutter aus Messing*

COD.	G	DE	H	kg		CL	€/pz
VS0703114	1"1/4	Key 45 - 45er- Schlüssel	15	0,064	10	SF01	4,88
VS0703121	1"1/2	Key 45 - 45er- Schlüssel	15	0,078	10	SF01	4,88

Threaded coupling

Verschraubung

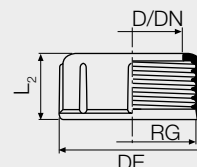


COD.	D/D ₁	DN/DN ₁	s	L	L ₁	L ₂	L ₃	DE	kg				HxLxP	CL	€/pz
VS0338001	40	40	3	74	30	34	66	60	0,062	40	320	1920	1060x800x1200	PE02	7,63
VS0338003	50	50	3	76	30	33	66	70	0,075	40	320	1920	1180x800x1200	PE02	8,11
VS0338004	56	56	3	46	30	34	66	80	0,110	25	200	1200	1180x800x1200	PE02	10,93
VS0338005	63	60	3	79	30	43	66	85	0,125	25	200	1200	1180x800x1200	PE02	11,64
VS0338006	63/56	60	3	48	-	34	66	80	0,110	25	200	1200	1060x800x1200	PE02	12,34
VS0338007	75	70	3	106	30	45	87	109	0,241	20	160	480	1015x800x1200	PE02	15,22
VS0338009	90	90	3,5	86	30	46	88	128	0,321	15	120	360	1015x800x1200	PE02	21,72
VS0338011	110	100	4,3	113	30	65	89	144	0,481	10	80	240	1015x800x1200	PE02	21,85

Spare parts - Ersatzteile

Nut

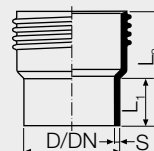
Überwurfmutter



COD.	D	DN	RG	DE	L ₂	kg				HxLxP	CL	€/pz
VS0338840	40	40	52	60	34	0,026	10	200	1600	1010x800x1200	PE02	5,08
VS0338850	50	50	62	70	33	0,028	10	200	1600	1010x800x1200	PE02	5,36
VS0338856	56	56	71	80	34	0,051	10	200	1600	1010x800x1200	PE02	6,81
VS0338863	63	60	76	85	43	0,058	10	200	1600	1010x800x1200	PE02	7,14
VS0338875	75	70	96	109	45	0,103	10	80	800	1130x800x1200	PE02	9,55
VS0338890	90	80	112	128	46	0,147	10	80	480	1060x800x1200	PE02	11,46
VS0338811	110	100	132	144	65	0,221	10	80	480	1060x800x1200	PE02	11,73

Threaded pipe end

Gewindestutzen



COD.	D	DN	s	L ₁	L ₃	kg				HxLxP	CL	€/pz
VS0340340	40	40	3	30	66	0,025	10	200	1600	1010x800x1200	PE02	3,95
VS0340350	50	50	3	30	66	0,034	10	200	1600	1010x800x1200	PE02	4,35
VS0340356	56	56	3	30	66	0,046	10	200	1600	1010x800x1200	PE02	4,27
VS0340363	63	60	3	30	66	0,045	10	200	1600	1010x800x1200	PE02	5,26
VS0340365	75	70	3	30	87	0,098	15	120	720	1060x800x1200	PE02	6,05
VS0340375	90	90	3,5	30	88	0,131	10	80	480	1060x800x1200	PE02	9,48
VS0340310	110	100	4,3	30	89	0,182	10	80	400	1180x800x1200	PE02	9,79

For codes - Für ART.-NR. VS0338001-VS0338003-VS0338004-VS0338005-VS0338006-VS0338007-VS0338009-VS0338011-VS0340001-VS0340003-VS0340004-VS0340005-VS0340007-VS0340009-VS0340011.

HDPE RANGE
SORTIMENT HDPE**Spare parts - Ersatzteile****Ring**

Schleifring

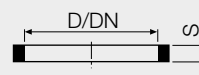


COD.	D	DN	s	kg		CL	€/pz
VS0338041	40	40	4	0,001	10	PE02	1,96
VS0338051	50	50	3	0,001	10	PE02	1,96
VS0338058	56	56	4	0,002	10	PE02	2,33
VS0338065	63	60	4	0,002	10	PE02	1,96
VS0338076	75	70	4	0,005	10	PE02	2,43
VS0338091	90	90	3	0,006	10	PE02	2,70
VS0338111	110	100	4	0,007	10	PE02	2,70

For codes - Für ART.-NR. VS0338001-VS0338003-VS0338004-VS0338005-VS0338006-VS0338007-VS0338009-VS0338011-VS0340001-VS0340003-VS0340004-VS0340005-VS0340007-VS0340009-VS0340011.

Rubber seal

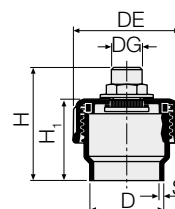
Gummidichtung



COD.	D	DN	s	kg		CL	€/pz
VS0338040	40	40	6	0,004	10	PE02	1,36
VS0338050	50	50	6	0,005	10	PE02	1,36
VS0338056	56	56	6	0,005	10	PE02	1,47
VS0338063	63	60	7	0,006	10	PE02	1,60
VS0338075	75	70	10	0,023	10	PE02	2,21
VS0338090	90	90	7	0,017	10	PE02	3,21
VS0338110	110 A	100	10	0,025	10	PE02	3,03
VS0338121 *	110 B	100	5	0,013	10	PE02	3,03

For codes - Für ART.-NR. VS0338001-VS0338003-VS0338004-VS0338005-VS0338006-VS0338007-VS0338009-VS0338011-VS0340001-VS0340003-VS0340004-VS0340005-VS0340007-VS0340009-VS0340011.

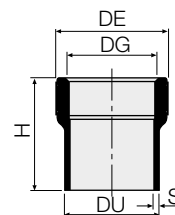
* Low type for code - Typ unterer Teil für ART.-NR. VS0340111.

Threaded joint with brass threaded unionVerschraubung
mit Messingnippel

COD.	D	DG	s	DE	H	H ₁	kg				HxLxP	CL	€/pz
VS0387001	40	1/2"	3	60	81	74	0,140	10	200	1600	1010x800x1200	PE02	39,68
VS0387003	40	3/4"	3	60	84	74	0,176	10	200	1600	1010x800x1200	PE02	39,68
VS0387007	50	1/2"	3	71	92	76	0,143	5	100	800	1010x800x1200	PE02	39,68
VS0387009	50	3/4"	3	71	95	76	0,184	5	100	800	1010x800x1200	PE02	39,68
VS0387011	50	1"	3	71	95	76	0,241	5	100	800	1010x800x1200	PE02	39,68

HDPE adaptor with reinforced female thread and steel ring

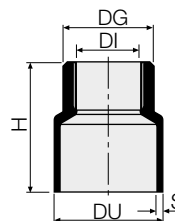
HDPE-Anschweißende mit verstärktem Innengewinde und Stahlring



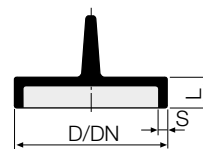
COD.	DU	DG	s	DE	H	kg				HxLxP	CL	€/pz
VS0384001	40	1/2"	3	40,5	55	0,054	20	400	3200	1010x800x1200	PE02	33,27
VS0384003	40	3/4"	3	40,5	55	0,053	20	400	3200	1010x800x1200	PE02	33,27
VS0384005	40	1"	3	40,5	55	0,050	20	400	3200	1010x800x1200	PE02	33,27
VS0384007	50	1/2"	3	50	60	0,077	20	400	3200	1010x800x1200	PE02	50,23
VS0384009	50	3/4"	3	50	60	0,074	20	400	3200	1010x800x1200	PE02	50,23
VS0384011	50	1"	3	50	60	0,070	20	400	3200	1010x800x1200	PE02	50,23
VS0384013	50	1 1/4"	3	50	60	0,059	10	200	1600	1010x800x1200	PE02	50,23
VS0384015	50	1 1/2"	3	58,5	60	0,075	10	200	1600	1010x800x1200	PE02	50,23
VS0384017	56	2"	3	70	65	0,100	10	200	1600	1010x800x1200	PE02	58,09
VS0384019	63	2"	3	70	65	0,103	5	100	800	1010x800x1200	PE02	75,42
VS0384021	75	2 1/2"	3	89	70	0,176	5	100	800	1010x800x1200	PE02	89,36

HDPE adaptor with reinforced male thread and steel ring

HDPE-Anschweißende mit verstärktem Innengewinde und Stahlring



COD.	DU	DG	s	DI	H	kg				HxLxP	CL	€/pz
VS0385013	50	1 1/4"	3	29	60	0,053	10	200	1600	1010x800x1200	PE02	50,23
VS0385015	50	1 1/2"	3	29	60	0,064	10	200	1600	1010x800x1200	PE02	50,23
VS0385017	56	2"	3	47	65	0,078	10	200	1600	1010x800x1200	PE02	58,09
VS0385019	63	2"	3	47	65	0,089	10	200	1600	1010x800x1200	PE02	75,42
VS0385021	75	2 1/2"	3	57	70	0,135	5	100	800	1010x800x1200	PE02	89,36

HDPE RANGE
SORTIMENT HDPE**Blank end**Verschlussdeckel zum
Schweißen

COD.	D	DN	s	L	kg				HxLxP	CL	€/pz
VS0342001	32	30	3	5	0,004	100	2000	16000	1010x800x1200	PE02	2,49
VS0342003	40	40	3	10	0,007	100	2000	16000	1010x800x1200	PE02	3,06
VS0342005	50	50	3	10	0,010	50	1000	8000	1010x800x1200	PE02	3,28
VS0342006	56	56	3	10	0,012	50	1000	8000	1010x800x1200	PE02	3,40
VS0342007	63	60	3	10	0,015	50	1000	8000	1010x800x1200	PE02	3,46
VS0342009	75	70	3	10	0,019	30	600	4800	1010x800x1200	PE02	4,10
VS0342011	90	90	3,5	10	0,029	20	400	3200	1010x800x1200	PE02	4,18
VS0342013	110	100	4,3	10	0,050	40	320	1920	1060x800x1200	PE02	7,21
VS0342015	125	125	4,9	10	0,068	30	240	1440	1060x800x1200	PE02	10,59
VS0342017 *	160	150	6,9	73	0,309	1	-	-	930x800x1200	PE02	31,45
VS0342019 *	200	200	7,3	110	0,582	1	-	60	930x800x1200	PE02	35,26
VS0342021 *	250	250	8,2	94	0,831	1	-	-	930x800x1200	PE02	61,21
VS0342023 *	315	300	10,8	117	1,555	1	-	60	930x800x1200	PE02	73,24

* Welded. - Abzweiger angeschweißt.

Repair for holesReparatur-Verschus-
sdeckel

COD.	D	DN	kg		CL	€/pz
VS0455050	38	-	0,071	1 (20 pcs)	ATPE	45,38