

# Dimensions

## — Pipes / fittings / couplings

Nominal width DN	External diameter		Wall thickness		Insertion length (sealing zone) t	Pipe weight		Surface approx. m <sup>2</sup> per m
	DE	Permitted deviation	e	Pipes and fittings permitted deviation		empty approx. kg/m	Full approx. kg/m	
50	58	+2	3,5	-0,5	30	4,3	6,4	0,18
70	78		3,5	-0,5	35	6,5	9,9	0,25
75-S	75		3,5	-0,5	35	5,7	10,1	0,25
80	83	-1	3,5	-0,5	35	7,3	10,6	0,26
100	110		3,5	-0,5	40	9,5	16,7	0,35
125	135	+2	4,0	-0,5	45	12,6	24,5	0,42
150	160	-2	4,0	-0,5	50	15,3	32,2	0,50
200	210	+2,5	5,0	-1,0	60	23,1	54,5	0,65
250	274		5,5	-1,0	70	33,3	87,6	0,85
300	326	-2,5	6,0	-1,0	80	43,2	120,6	1,02

# SML pipes and fittings

## — Product overview

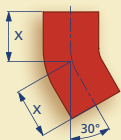


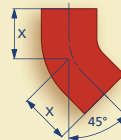
3000 mm PIPE	DN	kg/pcs.	ART.NR.	PU
	50	13,0	26620	37
	70	17,7	26621	41
	75-S	17,0	19903	41
	80	18,9	26622	38
	100	25,4	26623	38
	125	35,7	26624	23
	150	42,5	26626	20
	200	69,8	26627	10
	250	100,5	26628	8
	300	130,7	26629	6

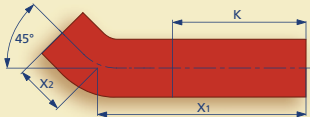
15° BEND	DN	kg/pcs.	ART.NR.	X
	50	0,4	11270	40
	70	0,6	11269	45
	75-S	0,6	25935	45
	80	0,7	19945	45
	100	1,0	10041	50
	125	1,8	11268	60
	150	2,6	11267	65
	200	4,6	19844	80

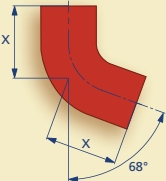
22° BEND	DN	kg/pcs.	ART.NR.	X
	75-S	0,7	20916	45
	100	1,3	25964	50

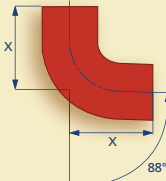
75-S = Scandinavian norm. Further products available on request

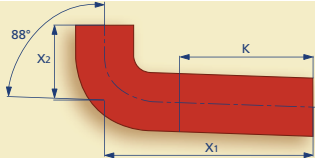
30° BEND	DN	kg/pcs.	ART.NR.	X
	50	0,5	11266	45
	70	0,7	10042	50
	75-S	0,7	25936	50
	80	0,8	19946	50
	100	1,3	10043	60
	125	2,1	11265	70
	150	3,0	11264	80
	200	5,4	19845	95
	250	8,0	10045	110
	300	14,0	10048	130

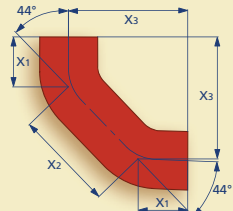
45° BEND	DN	kg/pcs.	ART.NR.	X
	50	0,5	10050	50
	70	0,9	10067	60
	75-S	0,8	15552	60
	80	0,9	13875	60
	100	1,6	10073	70
	125	2,3	10076	80
	150	3,5	10079	90
	200	5,7	10082	110
	250	10,3	18242	130
	300	16,5	10096	155

BEND WITH LONG 45° LEG	DN	kg/pcs.	ART.NR.	X1	X2	K
	100	3,5	10101	250	70	180

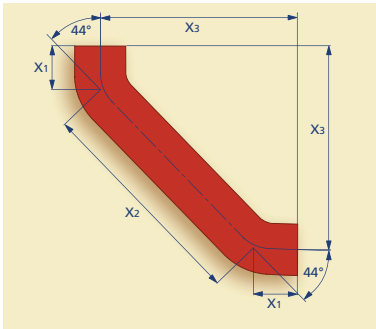
68° BEND	DN	kg/pcs.	ART.NR.	X
	50	0,7	19709	65
	70	1,1	10112	75
	75-S	1,1	25937	75
	80	1,2	23733	80
	100	1,9	10113	90
	125	2,9	11263	105
	150	4,1	11262	120
	200	7,7	10115	145

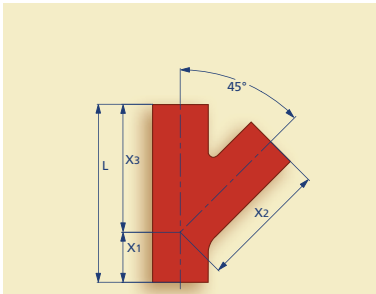
88° BEND	DN	kg/pcs.	ART.NR.	X
	50	0,7	10118	75
	70	1,2	10121	90
	75-S	1,2	15553	90
	80	1,3	13876	95
	100	2,1	10125	110
	125	3,2	10129	125
	150	4,3	10131	145
	200	8,8	18241	180

BEND WITH LONG 88° LEG	DN	kg/pcs.	ART.NR.	X	X2	K
	100	3,6	10109	250	110	140

88° DOUBLE BEND	DN	kg/pcs.	ART.NR.	X1	X2	X3
	50	1,0	19115	50	100	121
	70	1,8	19986	60	120	145
	80	1,9	19985	60	120	145
	100	3,2	10152	70	140	170
	125	4,3	10151	80	160	195
	150	6,2	10154	90	180	219

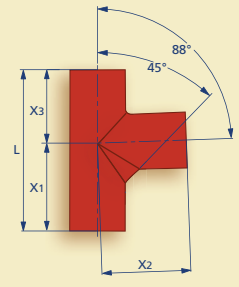
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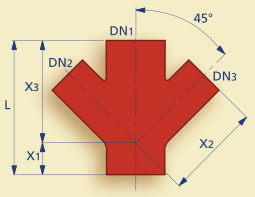
88° BEND WITH STRAIGHT LINE	DN	kg/pcs.	ART.NR.	X1	X2	X3
	100	4,8	10032	70	312	291
	125	6,4	10037	80	322	308
	150	8,7	10039	90	334	326

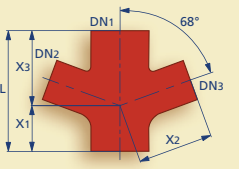
45° BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	50 x 50	1,4	17017	50	135	135	185
	70 x 50	1,6	10002	40	150	150	190
	70 x 70	2,1	10028	55	160	160	215
	75-S x 50	1,6	25950	40	130	130	170
	75-S x 75-S	2,1	15554	55	160	160	215
	80 x 50	1,6	19756	45	135	135	180
	80 x 80	2,3	13878	60	155	155	215
	100 x 50	2,3	10029	35	165	165	200
	100 x 70	3,0	10030	50	185	185	235
	100 x 75-S	3,0	15555	50	185	185	235
	100 x 80	3,0	13877	50	170	170	220
	100 x 100	4,4	10033	70	205	205	275
	125 x 50	3,2	11301	20	185	185	205
	125 x 70	4,0	11302	40	200	200	240
	125 x 80	4,4	23831	51	189	189	240
	125 x 100	5,0	10034	60	220	220	280
	125 x 125	6,1	10035	80	240	240	320
	150 x 70	5,3	11300	30	215	215	245
	150 x 80	5,3	21002	115	140	105	220
	150 x 100	6,5	10060	55	240	240	295
	150 x 125	7,2	10061	70	255	255	325
	150 x 150	8,3	10062	90	265	265	355
	200 x 100	10,0	11299	40	265	265	305
	200 x 125	11,6	11298	55	280	280	335
	200 x 150	13,3	10063	75	300	300	375
	200 x 200	17,2	11297	115	340	340	455
	250 x 100	13,6	10064	15	310	310	325
	250 x 125	16,3	10065	35	335	335	370
	250 x 200	20,4	10068	90	385	385	475
	250 x 250	31,5	10071	130	430	430	560
	300 x 125	21,0	10072	15	360	360	375
	300 x 200	30,0	10074	70	440	415	485
	300 x 250	36,9	10075	115	465	465	580
	300 x 300	48,2	10077	155	505	505	660

75-S = Scandinavian norm. Further products available on request

68° BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	50 x 50	0,9	24870	55	80	80	135
	70 x 50	1,0	24869	55	90	90	145
	70 x 70	1,2	22405	70	100	100	170
	100 x 50	1,9	10080	55	110	100	155
	100 x 70	2,4	10081	70	120	110	180
	100 x 100	2,9	10083	85	130	130	215
	125 x 100	3,9	11257	85	145	140	225

88° BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	50 x 50	1,1	11296	79	80	66	145
	70 x 50	1,3	10086	83	90	72	155
	70 x 70	1,7	10087	97	95	83	180
	75-S x 75-S	1,6	20409	97	95	83	180
	80 x 50	1,4	19757	85	90	75	160
	80 x 80	1,8	13880	95	95	85	180
	100 x 50	2,1	10088	94	105	76	170
	100 x 70	2,4	10089	102	110	88	190
	100 x 75-S	2,3	18088	102	110	88	190
	100 x 80	2,4	13879	100	110	90	190
	100 x 100	2,9	10090	115	115	105	220
	125 x 50	3,0	11295	98	120	82	180
	125 x 70	3,6	10097	107	125	93	200
	125 x 80	3,4	23992	105	125	100	205
	125 x 100	4,0	11294	125	130	110	235
	125 x 125	4,6	19841	137	135	123	260
	150 x 50	4,4	10095	100	140	100	200
	150 x 100	4,7	10099	130	145	115	245
150 x 125	6,2	19842	147	150	128	275	
150 x 150	6,9	19843	158	155	142	300	

45° DOUBLE BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	100x100x100	3,8	21186	70	130	130	215

68° DOUBLE BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	100x100x100	3,6	20463	85	130	130	215

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88° DOUBLE BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	100x50x50	2,2	11288	100	80	105	180
	100x70x70	3,0	20619	102	88	110	190
	100x100x100	3,9	10138	120	120	120	230
	125x100x100	5,0	19846	130	115	135	245
	150x100x100	7,1	19847	130	115	145	245

88° ANGLE DOUBLE BRANCH	DN	kg/pcs.	ART.NR.	X1	X2	X3	L
	100x100x100	3,8	10146	115	120	105	220
	150x100x100	6,1	21826	130	130	145	245

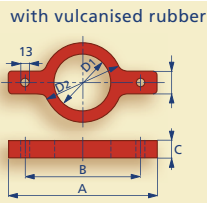
ECCENTRIC REDUCER	DN	kg/pcs.	ART.NR.	A	L
	70/50	0,7	10139	10	75
	75-S/50	0,6	20410	10	75
	80/50	0,7	13884	13	80
	100/50	0,9	10140	25	80
	100/70	0,9	10142	16	85
	100/75-S	0,9	18089	10	75
	100/80	1,0	13882	14	90
	125/50	1,4	19856	38,5	85
	125/70	1,6	10144	28,5	90
	125/80	1,7	23833	26	95
	125/100	1,8	10145	12,5	95
	150/70	2,2	11282	41	100
	150/80	2,3	20676	39	100
	150/100	2,4	10147	25	105
	150/125	2,6	10149	12,5	110
	200/100	4,1	18654	50	115
	200/125	4,1	19762	37,5	120
	200/150	4,3	18243	25	125
	250/150	6,8	18244	57	140
	250/200	7,0	18245	32	145
300/250	12,4	19126	26	170	

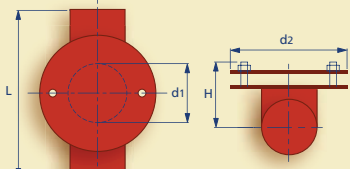
S-BEND	DN	kg/pcs.	ART.NR.	A
	100	2,5	11261	65 mm
		3,4	11258	130 mm

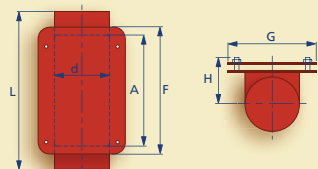
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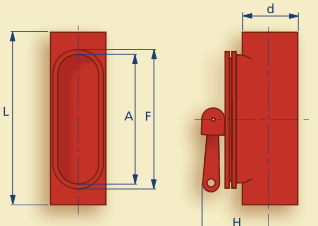
PLUG	DN	kg/pcs.	ART.NR.	L
	50	0,3	11284	30
	70	0,4	11287	35
	75-S	0,4	25952	35
	80	0,5	13888	35
	100	0,8	10150	40
	125	1,1	19114	45
	150	1,6	11290	50
	200	3,1	19850	60
	250	6,0	19851	70
	300	9,5	21633	80

DOWNPIPE BRACKET	DN	kg/pcs.	ART.NR.	D	L
	50	1,3	19852	87	200
	70	1,8	11276	106	200
	80	1,8	13887	118	220
	100	2,7	10106	145	200
	125	3,0	11275	170	200
	150	4,0	11274	195	200
	200	5,9	20499	245	200
	250	18,7	19854	340	300

BEARING FOR DOWNPIPE BRACKET	DN	kg/pcs.	ART.NR.	D1	D2	A	B	C
	50	0,8	10104	61	93	195	148	25
	70	1,0	10024	81	114	215	166	26
	80	1,1	24013	87	133	218	175	19
	100	1,4	10027	115	147	250	202	28
	125	1,5	21139	138	171	275	224	28
	150	2,0	21918	163	199	300	252	30
	200	3,0	21237	215	250	360	310	30

CLEANING PIPE WITH ○ COVER	DN	kg/pcs.	ART.NR.	H	d1	d2	L
	50	2,3	13226	59	53	105	190
	70	2,8	10133	69	73	125	210
	75-S	2,8	21783	68	73	125	210
	80	3,5	13885	71	73	125	210
	100	4,8	10135	84	104	159	260

CLEANING PIPE WITH □ COVER	DN	kg/pcs.	ART.NR.	H	G	d	A	F	L
	100	7,0	10122	83	160	100	200	230	340
	125	10,0	10128	101	190	125	225	255	370
	150	12,8	10130	112	215	150	250	280	395
	200	25,2	18468	137	265	200	300	330	465
	250	36,5	18469	170	330	259	350	426	570
	300	51,0	18471	195	380	309	400	476	640

CLEANING PIPE WITH TOGGLE COVER	DN	kg/pcs.	ART.NR.	A	F	d	H	L
	100	9,2	10114	250	275	110	160	400
	125	10,2	10117	250	275	135	172,5	410
	150	11,5	10119	250	275	160	185	420
	200	17,9	10120	250	275	210	210	440

75-S = Scandinavian norm. Further products available on request

SIPHON	DN	kg/pcs.	ART.NR.	l	h	X1	X2	X3	X4	w
	50	2,9	20182	190	250	182	68	122	68	60
	70	5,8	20170	265	293	200	93	172	93	60
	80	5,9	23848	265	293	200	93	172	93	60
	100	9,5	17988	325	392	282	110	215	110	100
	125	13,0	19859	390	446	316	130	260	130	100
	150	21,8	20191	470	493	348	145	325	145	100
	200	38,4	20177	600	600	420	180	400	200	100

RAINWATER SIPHON	DN	kg/pcs.	ART.NR.	l	l2	l3	a	b
	100	18,5	11271	588	90	408	276	124
	125	28,5	11272	687	100	487	344	144

75-5 = Scandinavian norm. Further products available on request

# SML couplings

## Product overview



		DN and pressure (bar)										compatibility chart				
		50	70	80	75-5	100	125	150	200	250	300	PREIS® Rapid coupling	PREIS® Rapid clamp	PREIS® CV-coupling	CV-clamp	Universal-clamp
<b>PREIS® Rapid coupling</b>		0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,3	0,3		✓	✗	✓	✓
<b>PREIS® Rapid clamp</b>		10	10	10	10	7	6	4	3			✓		✗	✗	✗
<b>PREIS® CV-coupling</b>		-	-	-	-	-	-	-	-	-	-	✗	✗		✓	✓
<b>CV-clamp</b>		10	10	10	10	10	5	5	3			✓	✗	✓		✗
<b>Universal-clamp</b>		Rapid 10	Rapid 10	Rapid 10	Rapid 10	Rapid 10	Rapid 10	Rapid 5	Rapid 5	Rapid 3	Rapid 3	✓	✗	✓	✗	
		CV 5	CV 5	CV 5	CV 5	CV 5	CV 5	CV 5	CV 5	CV 5	CV 3	CV 3	✓	✗	✓	✗