



LORO-X

Retention Rotary Slide for Parapet Drains and DRAINLET® Flat Roof Drains

fits onto LORO-X parapet drain body:

Series 79 DN 50, DN 70 and DN 100

Series 88 DN 50, DN 70 and DN 100

Series 89 DN 70 and DN 100

and

fits onto LORO-X flat roof drain body:

Series 84 DRAINLET® DN 50, DN 70 and DN 100

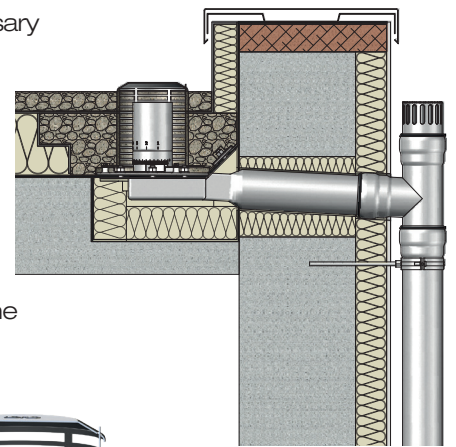
Main drainage

Gravity flow

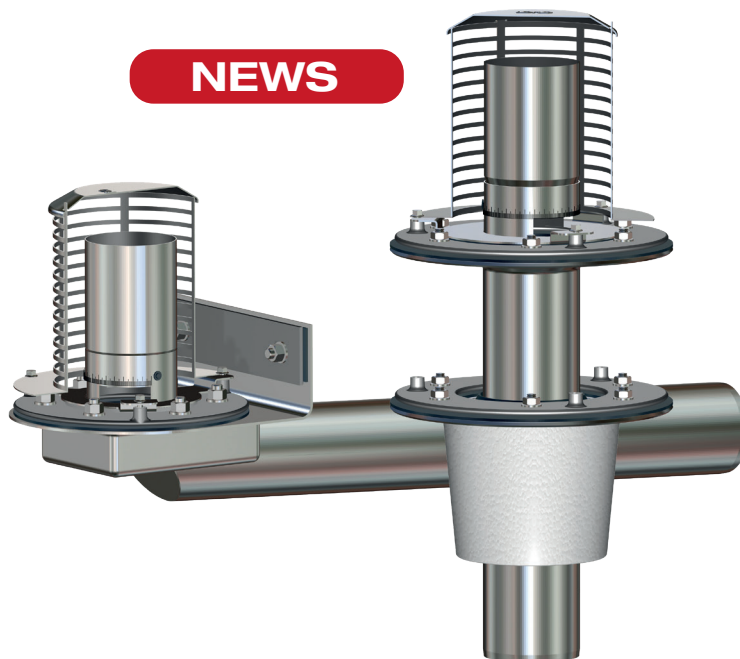
With retention roof drainage, it is increasingly necessary to be able to adjust the retention flow through the retention openings on the retention pipe

It is essential that the relationship between retention flow and retention water level can be reliably adjusted using a rotary valve.

Unlike retention drains with factory-made retention openings, the retention drain is adjusted on site by the installer.



NEWS



Advantages:

- adjustment of the retention runoff on site
- table for the number of open retention runoff openings
- calculation programme based on measurement
- storage without object-related production possible
- weatherproof and long-lasting due to production made of stainless steel

Setup diagramm/System components

LORO-X

Retention Rotary Slide for Parapet Drains and

DRAINLET® Flat Roof Drains

fits onto LORO-X parapet-drain body:

Series 79, 88 and 89

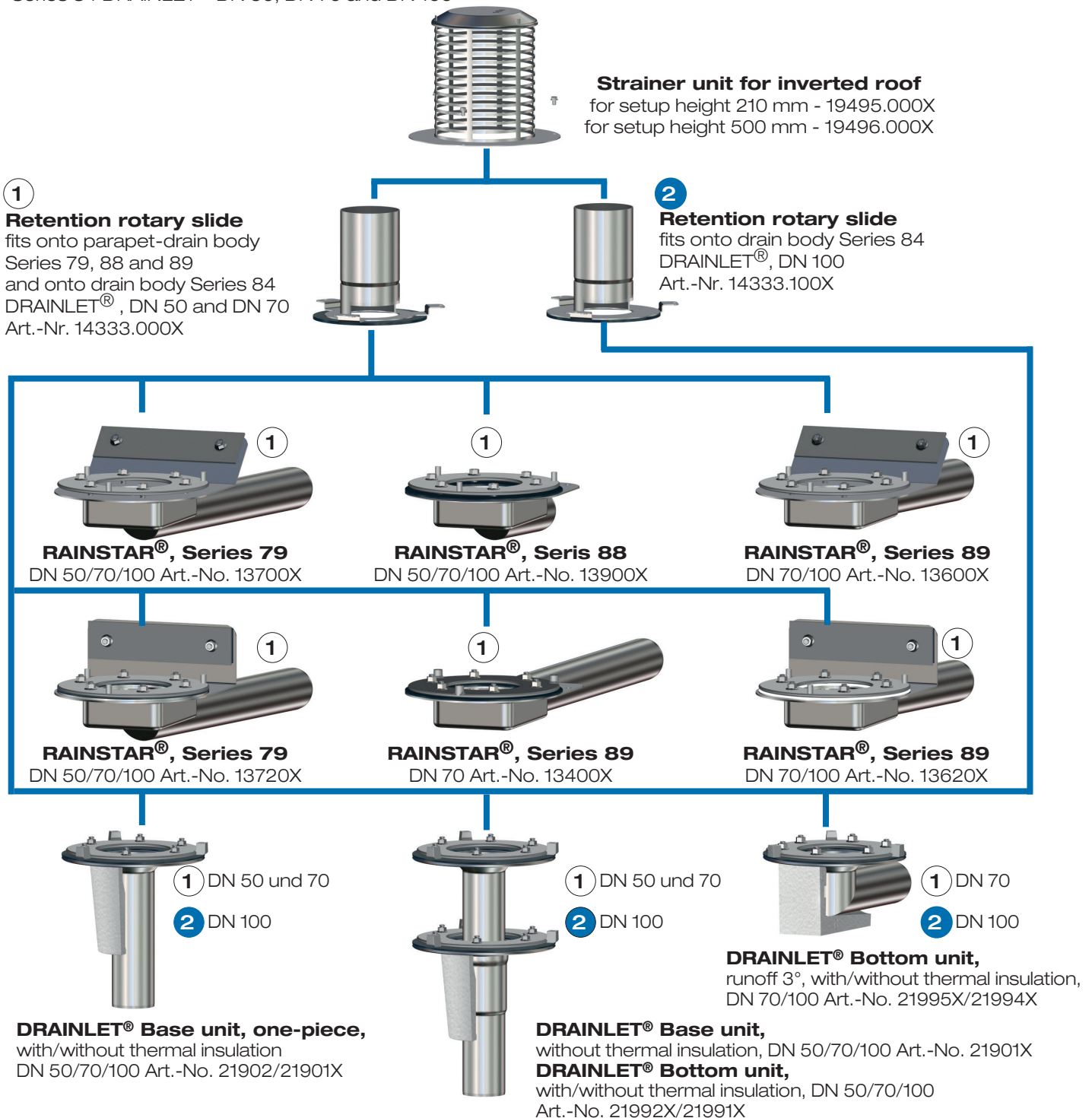
DN 50, DN 70 and DN 100

and

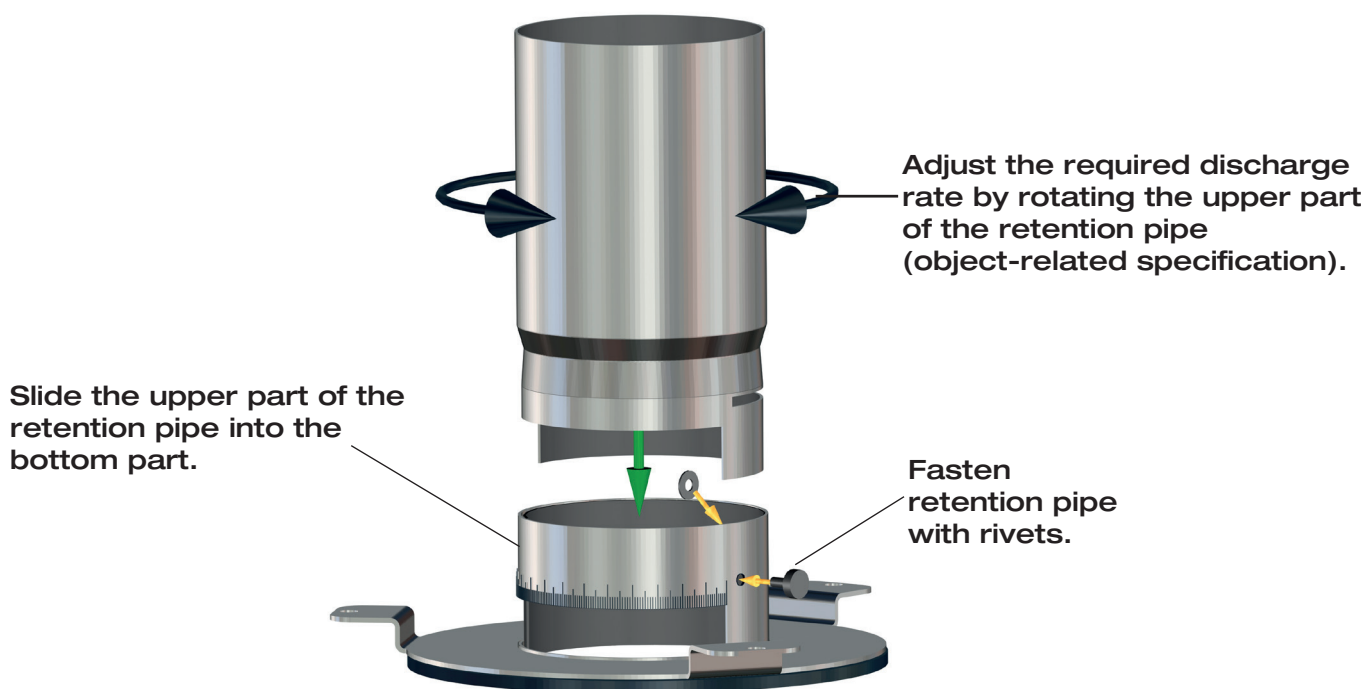
fits onto LORO-X flat roof-drain body:

Series 84 DRAINLET® DN 50, DN 70 and DN 100

NEWS



LORO-X Retention Rotary Slide for Parapet Drains and DRAINLET[®] Flat Roof Drains



Retention discharge height hRet in mm

	20	25	30	35	40	45	50	55	60	65	70	75	80	85
Retention discharge Q														
Liter per second														
0,1	13	12	11	10	9	9	8	8	8	7	7	7	7	6
0,2	26	24	22	20	19	18	17	16	15	15	14	14	13	13
0,3	40	35	32	30	28	26	25	24	23	22	21	20	20	19
0,4	53	47	43	40	37	35	33	32	30	29	28	27	26	26
0,5	66	59	54	50	47	44	42	40	38	37	35	34	33	32
0,6	79	71	65	60	56	53	50	48	46	44	42	41	40	38
0,7	92	83	75	70	65	62	58	56	53	51	49	48	46	45
0,8	106	94	86	80	75	70	67	64	61	59	56	55	53	51
0,9	119	106	97	90	84	79	75	72	69	66	63	61	59	58
1	132	118	108	100	93	88	83	80	76	73	71	68	66	64

Slot width to be set in mm

Example of how to use the rotary valve retention value table:

Given: required retention flow 0.5 l/s, desired retention water level: 70 mm,
set the slot width in mm by turning the retention rotary valve according to the engraving.

Retention discharge height hRet in mm

	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
0,1	13	12	11	10	9	9	8	8	8	7	7	7	7	6	6	6
0,2	26	24	22	20	19	18	17	16	15	15	14	14	13	13	12	12
0,3	40	35	32	30	28	26	25	24	23	22	21	20	20	19	19	18
0,4	53	47	43	40	37	35	33	32	30	29	28	27	26	26	25	24
0,5	66	59	54	50	47	44	42	40	38	37	35	34	33	32	31	30
0,6	79	71	65	60	56	53	50	48	46	44	42	41	40	38	37	36
0,7	92	83	75	70	65	62	58	56	53	51	49	48	46	45	44	42
0,8	106	94	86	80	75	70	67	64	61	59	56	55	53	51	50	48
0,9	119	106	97	90	84	79	75	72	69	66	63	61	59	58	56	54
1	132	118	108	100	93	88	83	80	76	73	71	68	66	64	62	61
1,1		130	119	110	103	97	92	88	84	81	78	75	73	70	68	67
1,2		142	129	120	112	106	100	95	91	88	85	82	79	77	75	73
1,3			140	130	121	114	108	103	99	95	92	89	86	83	81	79
1,4				140	131	123	117	111	107	102	99	95	92	90	87	85
1,5					140	132	125	119	114	110	106	102	99	96	93	91
1,6						141	134	127	122	117	113	109	106	102	100	97
1,7							142	135	130	124	120	116	112	109	106	103
1,8									137	132	127	123	119	115	112	109
1,9										139	134	129	125	122	118	115
2											141	136	132	128	124	121
2,1													139	134	131	127
2,2														141	137	133
2,3																139
2,4																
2,5					Not possible with rotary valves.											
2,6					Please enquire about VARIOFIT units!											
2,7																
2,8																
2,9																
3																
3,1																
3,2																

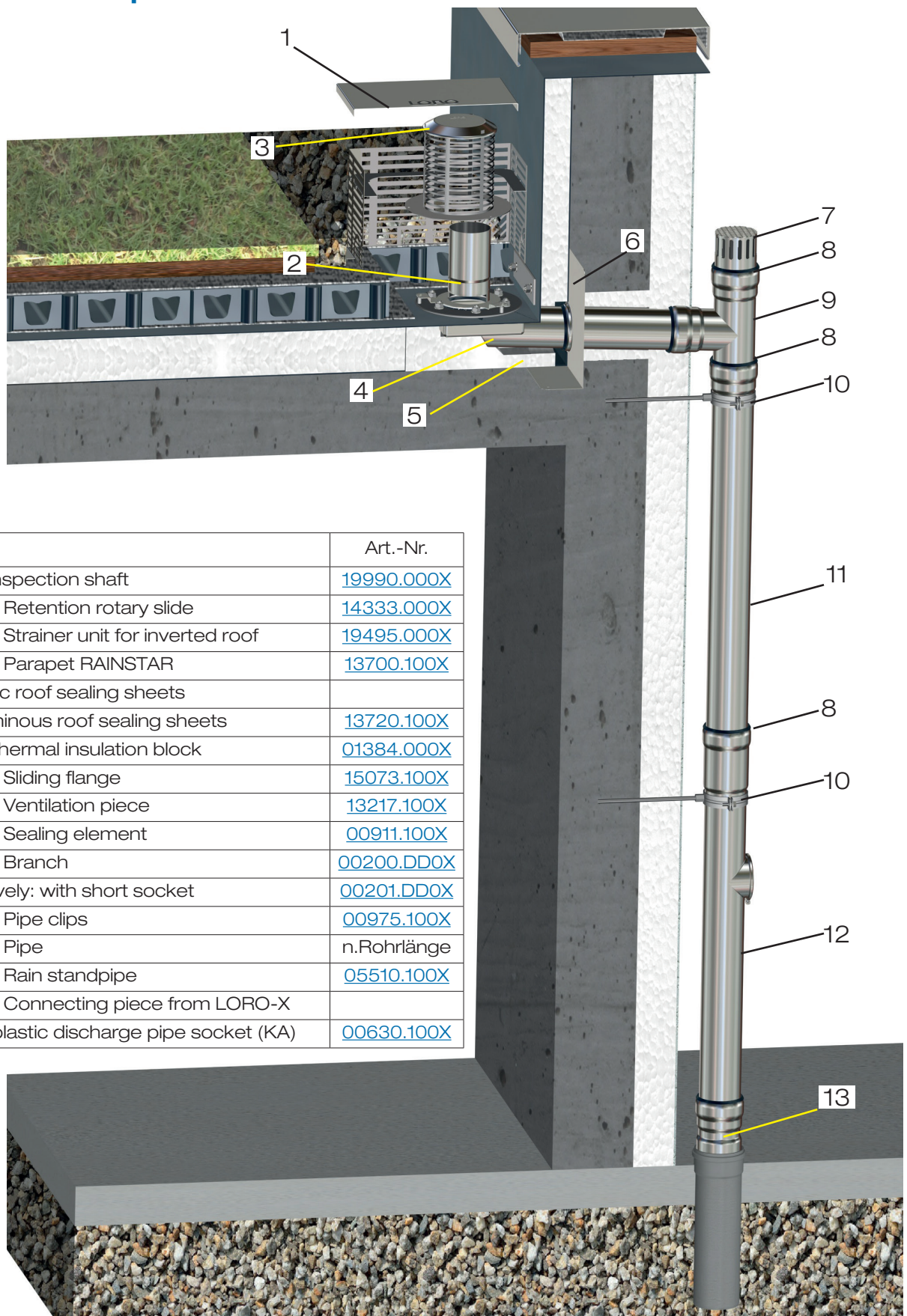
Slot width to be set in mm

Retention discharge height hRet in mm

		100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Retention discharge Q Liter per second	0,1	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	4	4
	0,2	12	12	11	11	11	11	10	10	10	10	10	9	9	9	9	9	9
	0,3	18	17	17	17	16	16	16	15	15	15	14	14	14	14	14	13	13
	0,4	24	23	23	22	22	21	21	20	20	20	19	19	19	18	18	18	18
	0,5	30	29	28	28	27	26	26	25	25	25	24	24	23	23	23	22	22
	0,6	35	35	34	33	32	32	31	30	30	29	29	28	28	28	27	27	26
	0,7	41	40	39	39	38	37	36	36	35	34	34	33	33	32	32	31	31
	0,8	47	46	45	44	43	42	41	41	40	39	39	38	37	37	36	36	35
	0,9	53	52	51	50	48	48	47	46	45	44	43	43	42	41	41	40	40
	1	59	58	56	55	54	53	52	51	50	49	48	47	47	46	45	45	44
	1,1	65	63	62	61	59	58	57	56	55	54	53	52	51	51	50	49	48
	1,2	71	69	68	66	65	63	62	61	60	59	58	57	56	55	54	54	53
	1,3	77	75	73	72	70	69	67	66	65	64	63	62	61	60	59	58	57
	1,4	83	81	79	77	75	74	72	71	70	69	67	66	65	64	63	62	62
	1,5	89	86	84	83	81	79	78	76	75	74	72	71	70	69	68	67	66
	1,6	94	92	90	88	86	84	83	81	80	78	77	76	75	74	72	71	70
	1,7	100	98	96	94	92	90	88	86	85	83	82	81	79	78	77	76	75
	1,8	106	104	101	99	97	95	93	91	90	88	87	85	84	83	81	80	79
	1,9	112	109	107	105	102	100	98	96	95	93	92	90	89	87	86	85	84
	2	118	115	113	110	108	106	104	102	100	98	96	95	93	92	91	89	88
	2,1	124	121	118	116	113	111	109	107	105	103	101	100	98	96	95	94	92
	2,2	130	127	124	121	119	116	114	112	110	108	106	104	103	101	100	98	97
	2,3	136	132	129	127	124	121	119	117	115	113	111	109	107	106	104	103	101
	2,4	142	138	135	132	129	127	124	122	120	118	116	114	112	110	109	107	106
	2,5			141	138	135	132	129	127	125	123	120	118	117	115	113	112	110
	2,6					140	137	135	132	130	127	125	123	121	119	118	116	114
	2,7						143	140	137	135	132	130	128	126	124	122	120	119
	2,8								142	140	137	135	133	131	129	127	125	123
	2,9										142	140	137	135	133	131	129	128
	3												142	140	138	136	134	132
	3,1														142	140	138	136
	3,2																143	141

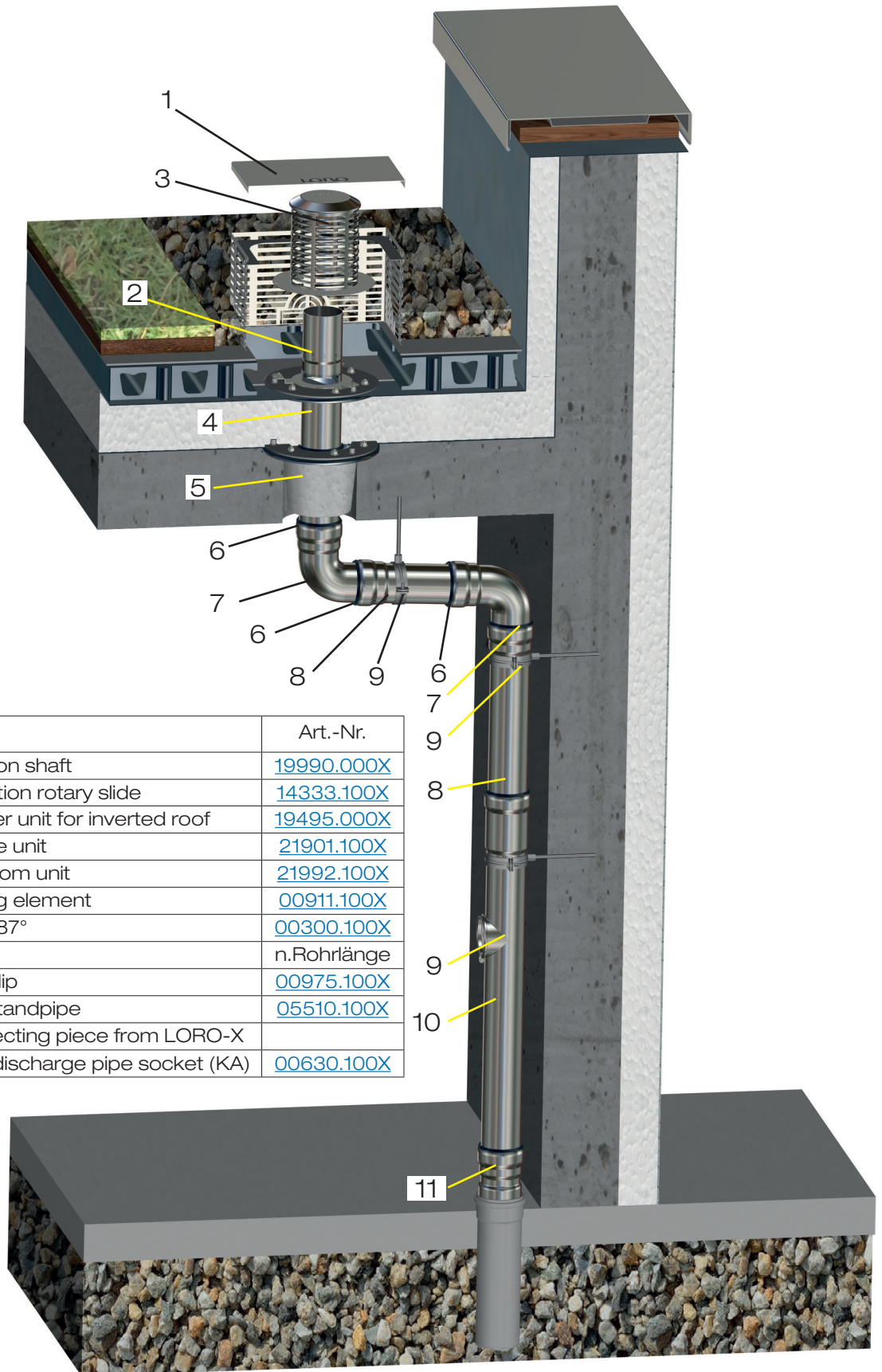
Slot width to be set in mm

Application example

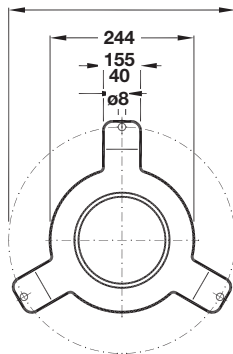
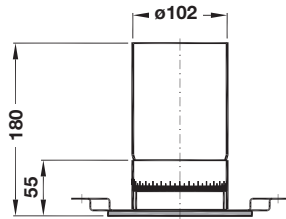


Pos.	Name	Art.-Nr.
1	LORO-Inspection shaft	19990.000X
2	LORO-X Retention rotary slide	14333.000X
3	LORO-X Strainer unit for inverted roof	19495.000X
4	LORO-X Parapet RAINSTAR	13700.100X
	for plastic roof sealing sheets	
	for bituminous roof sealing sheets	13720.100X
5	LORO-Thermal insulation block	01384.000X
6	LORO-X Sliding flange	15073.100X
7	LORO-X Ventilation piece	13217.100X
8	LORO-X Sealing element	00911.100X
9	LORO-X Branch	00200.DD0X
	alternatively: with short socket	00201.DD0X
10	LORO-X Pipe clips	00975.100X
11	LORO-X Pipe	n.Rohrlänge
12	LORO-X Rain standpipe	05510.100X
13	LORO-X Connecting piece from LORO-X	
	pipe to plastic discharge pipe socket (KA)	00630.100X

Application example



Pos.	Name	Art.-Nr.
1	LORO-Inspection shaft	19990.000X
2	LORO-X Retention rotary slide	14333.100X
3	LORO-X Strainer unit for inverted roof	19495.000X
4	DRAINLET Base unit	21901.100X
5	DRAINLET Bottom unit	21992.100X
6	LORO-X Sealing element	00911.100X
7	LORO-X Bend 87°	00300.100X
8	LORO-X Pipe	n.Rohrlänge
9	LORO-X Pipe clip	00975.100X
10	LORO-X Rain standpipe	05510.100X
11	LORO-X Connecting piece from LORO-X pipe to plastic discharge pipe socket (KA)	00630.100X



LORO-X **Retention rotary slide for** **parapet drains DN 50 - DN 100 and** **DRAINLET® flat roof drains** **DN 50 and DN 70**

made of stainless steel, according to DIN EN 1253
for a planned rainwater retention on the roof

fits onto LORO-X parapet drain body:

Series 79 DN 50, 70 and DN 100

Series 88 DN 50, 70 and DN 100

Series 89 DN 70 and DN 100

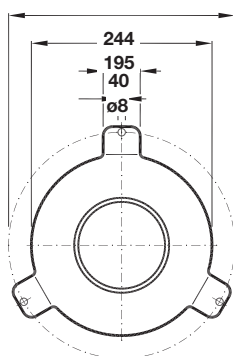
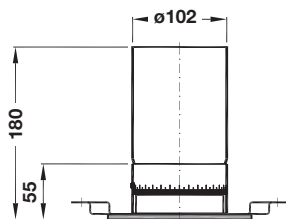
and

fits onto LORO-X flat roof drain body:

Series 84 DRAINLET® DN 50 and DN 70

DN 100: Art.-No. [14333.000X](#)

Weight: 0,9 kg



LORO-X **Retention rotary slide for DRAINLET®** **flat roof drains DN 100**

made of stainless steel, according to DIN EN 1253
for a planned rainwater retention on the roof

fits onto LORO-X flat roof drain body:

Series 84 DRAINLET® DN 100

DN 100: Art.-No. [14333.100X](#)

Weight: 0,9 kg