Insulated round pipes and fittings - OC (galvanized) products made entirely of galvanized steel sheet are used for building ducts in natural and mechanical ventilation systems, heating as well as air conditioning installations. Inner pipe and outer layer are made of galvanized steel sheet; thermal insulation - mineral wool of 50 mm thickness.
Maximum working temperature: 250°C.

Insulated round pipes and fittings made (both inner and outer layer) of chrome-nickel steel sheet (type 1.4301 according to DIN17441) with thermal insulation - mineral wool of 50 mm thickness are used for building ducts in natural and mechanical ventilation systems, heating as well as air conditioning installations.
Maximum working temperature: 250°C.

Application of chimneys and recommended sheet thicknesses

Diameter DN	OC W OC	OC *) OC	X W 1.4301	X *) 1.4301
100	0.5	0.5	0.5	0.5
110	0.5	0.5	0.5	0.5
120	0.5	0.5	0.5	0.5
130	0.5	0.5	0.5	0.5
140	0.5	0.5	0.6	0.5
150	0.5	0.5	0.6	0.5
160	0.5	0.5	0.6	0.5
180	0.5	0.5	0.6	0.5
200	0.5	0.5	0.6	0.5
225	0.5	0.5	0.6	0.6
240	0.5	0.5	0.6	0.6
250	0.5	0.5	0.6	0.6
300	0.5	0.5	0.6	0.6
350	0.7	0.5	0.6	0.6
400	0.7	0.5	0.6	0.6
450	0.7	0.5	0.6	0.6
500	0.7	0.5	0.6	0.6
550	-	0.5	0.6	0.6
600	-	0.5	0.6	0.6

Table of layouts and sizes

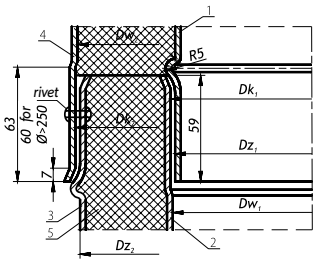
Diameter DN	Lr	Dz	Dw	Dk	s
100	315	100.8	99.8	101.8	0.5
110	350	111.9	110.9	112.9	
120	385	123.0	122.0	124.0	
130	415	132.6	131.6	133.6	
140	440	140.7	139.5	141.7	0.6
150	475	151.8	150.6	152.8	
160	505	161.4	160.2	162.4	
180	570	182.0	180.8	183.0	
200	630	201.1	199.9	202.1	
225	710	226.6	225.4	227.6	
240	766	244.4	243.2	245.4	
250	790	252.3	250.7	253.3	0.8
260	818	251.2	259.6	262.2	
280	880	280.9	279.3	281.9	
300	945	301.6	300.0	302.6	
325	1020	325.5	323.9	327.0	
350	1100	350.9	349.3	352.4	
400	1260	402.1	400.1	403.6	1.0
450	1415	451.4	449.4	452.9	
500	1575	502.3	500.3	503.8	
550	1728	551.0	549.0	552.5	
600	1885	601.0	599.0	602.5	

Destination:
W - ventilation
*) - outer pipe

Dimensions:
Lr - metal sheet layout [mm]±0.1
Dz - outer diameter of pipe [mm]±0.1
Dw - inner diameter of pipe [mm]±0.1
Dk - inner diameter of bell joint of pipe [mm]±0.1
s - metal sheet thickness [mm]

Bell joint of the pipe

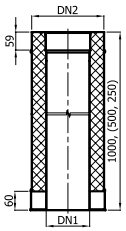
Individual elements of the chimney system are being joint by the way of pushing one part of the element - a spigot, into the other pressformed part of the element - a bell. Thanks to this type of pipe joining, metal chimney is characterized by very tight and stiff construction. It also assures the proper flow of condensate, along walls of the chimney straight to the condensate drain bowl. The outer elements are connected „bell down" which prevents the chimney insulation from rain water.
Outer cassings of the chimney elements should be riveted together with couple of stainless steel rivets before placing a fastening clamp.



1. Spigot - inner pipe
2. Bell - inner pipe
3. Spigot - outer pipe
4. Bell - outer pipe
5. Thermal insulation

Fig. Method of joining double-walled pipe elements.

1. STRAIGHT PIPE RPD



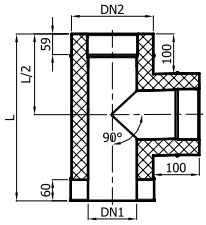
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	260	280	300	325	350	400	450	500	550	600	
Weight [kg]	7.00	7.20	8.10	8.25	8.75	9.25	9.35	10.50	11.35	12.40	13.45	15.60	17.75	19.90	22.00	24.15	

RPD DN1 / DN2 / L - m s

- sheet thickness DN1
- material DN1
- length [mm]
- diameter DN2
- diameter DN1
- straight pipe

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

2. TEE 90° TRD/90



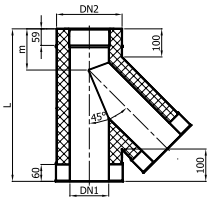
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	260	280	300	325	350	400	450	500	550	600	
L [mm]	400	400	425	425	440	450	450	480	500	525	550	600	650	700	750	800	
Weight [kg]	3.60	3.70	4.35	4.40	4.80	5.20	5.30	6.20	6.95	7.90	8.95	11.15	13.55	16.25	19.00	22.10	

TRD DN1 / DN2 / 90 - m s

- sheet thickness DN1
- material DN1
- angle
- diameter DN2
- diameter DN1
- tee

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

3. TEE 45° TRD/45



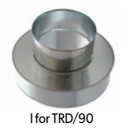
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
L [mm]	485	485	520	520	540	555	555	600	625	660	695	770	840	910	980	1050	
m [mm]	120	120	125	125	130	130	135	140	140	145	150	165	170	180	190	205	
Weight [kg]	4.10	4.20	5.00	5.10	5.55	6.00	6.10	7.30	8.15	9.35	10.70	13.50	16.55	20.00	23.65	27.60	

TRD DN1 / DN2 / 45 - m s

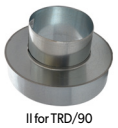
- sheet thickness DN1
- material DN1
- angle
- diameter DN2
- diameter DN1
- tee

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

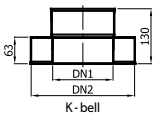
4. TEE PLUG ZTD-K (N)



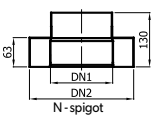
I for TRD/90



II for TRD/90



K - bell



N - spigot

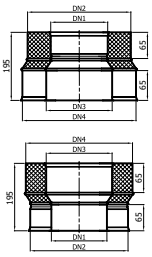
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	0.40	0.40	0.45	0.45	0.50	0.55	0.55	0.60	0.70	0.75	0.80	1.00	1.10	1.25	1.40	1.55	

ZTD DN1 / DN2 - m s - w

- version
- sheet thickness DN1
- material DN1
- diameter DN2
- diameter DN1
- tee plug

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

5. REDUCER RDD



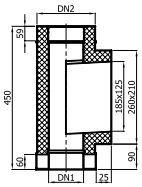
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	280	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	225	250	250	280	300	325	350	380	400	450	500	550	600	
Weight [kg]	depending on measurements																	

RDD DN1 / DN2 / DN3 / DN4 - m s - w

- version
- sheet thickness DN1
- material DN1
- diameter DN4
- diameter DN3
- diameter DN2
- diameter DN1
- reducer

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - bl. ocynkowana
Sheet thickness s	5	5	5 - thickness 0.5 mm
	6	-	6 - thickness 0.6 mm
	-	7	7 - thickness 0.75 mm
	8	-	8 - thickness 0.8 mm
	1	1	1 - thickness 1.0 mm

6. CLEAN OUT ELEMENT WITH DOORS



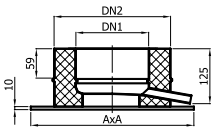
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	3.80	3.90	4.30	4.35	4.60	4.80	4.85	5.35	5.75	6.20	6.70	7.70	8.60	9.60	10.55	11.50	

WCD DN1 / DN2 - m s

- sheet thickness DN1
- material DN1
- diameter DN2
- diameter DN1
- clean out element with doors

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

7. CONDENSATE DRAIN BOWL MSD



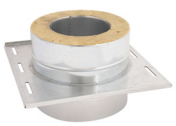
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
A [mm]	300	300	325	325	325	350	350	380	400	425	450	500	550	600	650	700	
Weight [kg]	2.15	2.20	2.50	2.55	2.70	2.90	3.00	3.50	3.90	4.20	4.65	5.60	6.70	7.90	9.15	10.40	

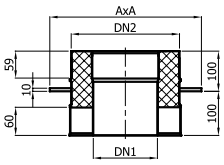
MSD DN1 / DN2 - m

- material DN1
- diameter DN2
- diameter DN1
- condensate drain bowl

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

8. INTERMEDIATE SUPPORT PPD





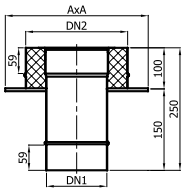
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
A [mm]	300	300	325	325	325	350	350	380	400	425	450	500	550	600	650	700	
Weight [kg]	2.35	2.30	2.60	2.60	2.75	2.90	2.90	3.30	3.40	3.90	4.25	4.95	5.65	6.40	7.10	7.85	

PPD DN1 / DN2 - m s

- sheet thickness DN1
- material
- diameter DN2
- diameter DN1
- intermediate support

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

9. INTERMEDIATE SUPPORT PJD



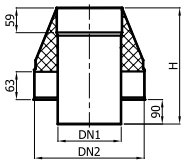
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
A [mm]	300	300	325	325	325	350	350	380	400	425	450	500	550	600	650	700	
Weight [kg]	2.00	2.00	2.35	2.35	2.50	2.70	2.70	3.15	3.50	3.90	4.35	5.20	6.20	7.20	8.30	9.30	

PJD DN1 / DN2 - m s

- sheet thickness DN1
- material DN1
- diameter DN2
- diameter DN1
- intermediate support

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

10. MOUTHPIECE USD



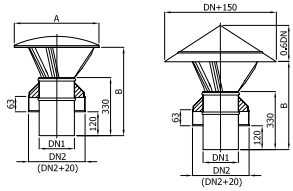
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
H [mm]	330	330	330	330	330	330	330	330	330	330	330	330	400	420	420	420	
Weight [kg]	1.00	1.05	1.15	1.20	1.35	1.50	1.60	1.80	2.00	3.80	4.20	4.90	7.10	8.00	10.70	11.80	

USD DN1 / DN2 - m s

- sheet thickness DN1
- material DN1
- diameter DN2
- diameter DN1
- mouthpiece

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

11. CAP DKD



for DN1/DN2<200/300 for DN1/DN2<225/325

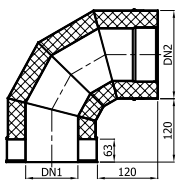
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
A [mm]	220	220	250	250	220	290	290	290	290	450	450	450	550	550	650	650	
B [mm]	410	410	410	410	430	430	430	430	450	600	630	690	750	810	870	930	
Weight [kg]	1.55	1.60	1.70	1.75	1.90	2.05	2.10	2.25	2.40	3.15	3.60	4.00	4.80	5.55	6.65	7.00	

DKD DN1 / DN2 - m s

- sheet thickness DN1
- material DN1
- diameter DN2
- diameter DN1
- cap

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

12. SOLID ELBOW 90° KSD/90



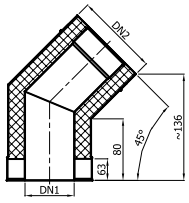
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	2.35	2.40	2.70	2.75	3.35	3.70	3.75	4.20	4.50	4.95	6.45	7.80	8.85	12.35	14.75	17.40	

KSD DN1 / DN2 / 90 - m s

- sheet thickness DN1
- material DN1
- angle
- diameter DN2
- diameter DN1
- solid elbow

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

13. SOLID ELBOW 45° KSD/45



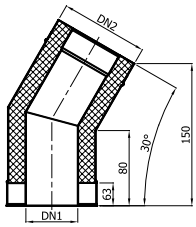
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	1.55	1.60	1.85	1.95	2.10	2.25	2.30	2.65	3.00	3.40	3.80	4.75	5.65	6.85	8.15	9.40	

KSD DN1 / DN2 / 45 - m s

- sheet thickness DN1
- material DN1
- angle
- diameter DN2
- diameter DN1
- solid elbow

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

14. SOLID ELBOW 30° KSD/30



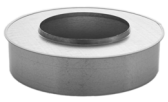
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	225	240	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	1.45	1.50	1.75	1.75	1.80	1.90	2.10	2.40	2.65	3.00	3.35	4.05	4.85	5.75	6.60	7.60	

KSD DN1 / DN2 / 30 - m s

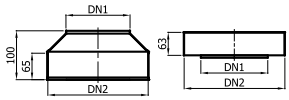
- sheet thickness DN1
- material DN1
- angle
- diameter DN2
- diameter DN1
- solid elbow

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm
	-	7	7 - sheet thickness 0.7 mm
	8	-	8 - sheet thickness 0.8 mm
	1	1	1 - sheet thickness 1.0 mm

15. INSULATION CLOSING COLLAR NKD-G (D)



G - TOP D - BOTTOM



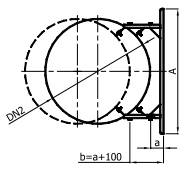
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.31	0.34	0.40	0.46	0.52	0.58	0.64	

NKD DN1 / DN2 - m w

- version
- material DN1
- diameter DN2
- diameter DN1
- collar

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

16. MOUNTING BRACKET OMD II



amin = 50 mm
adjustable = 100 mm

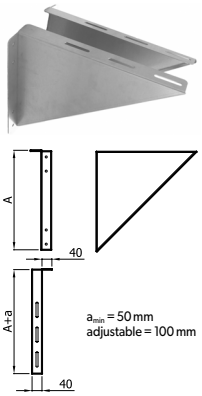
Diameter DN2	200	225	240	250	280	300	325	350	400	450	500	550	600
A [mm]	380	395	400	409	424	433	445	456	476	556	580	602	622
Weight [kg]	1.10	1.15	1.20	1.20	1.25	1.30	1.35	1.40	1.45	1.95	2.05	2.50	2.60

OMD-II - DN2 - m / a

- min. distance from the wall
- material
- diameter DN2
- mounting bracket

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet

17. SUPPORTING CONSOLE KWD



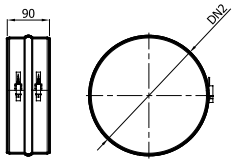
Diameter DN2	200	225	240	250	280	300	325	350	400	450	500	550	600	for s=2.0
A [mm]	304	304	354	354	384	404	429	454	504	552	604	654	701	
Weight [kg]	2.60	2.70	3.25	3.25	3.70	4.20	4.65	5.10	6.05	7.10	8.20	9.40	10.65	

KWD DN2 - m /a-(a+100)

- min. distance from the wall
- material
- diameter DN2
- supporting console

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet

18. FASTENING CLAMP OP I



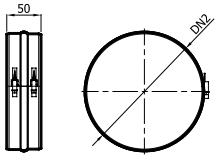
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	0.25	0.25	0.30	0.30	0.30	0.35	0.35	0.40	0.40	0.45	0.50	0.55	0.60	0.70	0.75	0.80	

OPI DN2 - m

- material
- diameter DN2
- fastening clamp I

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

19. FASTENING CLAMP OP II



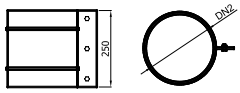
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 0.6/0.6
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	0.17	0.17	0.19	0.19	0.19	0.21	0.21	0.23	0.25	0.27	0.29	0.33	0.37	0.42	0.46	0.50	

OPII DN2 - m

- material
- diameter DN2
- fastening clamp II

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

20. FASTENING CLAMP OP III



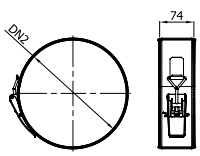
Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s=1.0
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	2.10	2.10	2.35	2.35	2.50	2.65	2.65	2.90	3.15	3.40	3.65	4.15	4.65	5.25	5.75	6.25	

OPIII DN2 - m

- material
- diameter DN2
- fastening clamp III

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	1	1	1 - sheet thickness 1.0 mm

21. FASTENING CLAMP OP IV



Diameter DN1/DN2	120	130	140	150	160	180	200	225	250	300	350	400	for s 0.6/0.6
	225	225	240	250	260	280	300	325	350	400	450	500	
Weight [kg]	0.38	0.38	0.38	0.41	0.42	0.44	0.46	0.49	0.52	0.57	0.63	0.69	

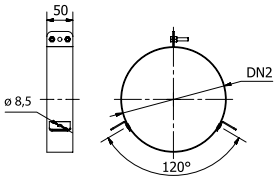
OPIV DN2 - m

- material
- diameter DN2
- fastening clamp IV

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

22. BRACKET FOR STABILIZING CORDS OPO

Diameter DN1/DN2	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s 1.5 (2.0)
	200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
Weight [kg]	0.50	0.50	0.55	0.55	0.55	0.59	0.59	0.65	0.69	0.73	0.78	0.88	0.97	1.07	1.16	1.25	

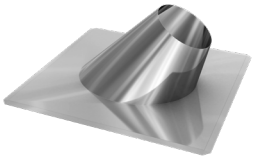


OPO DN2 - m

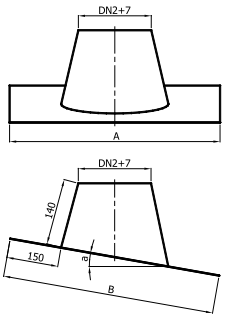
- m – material
- DN2 – diameter DN2
- OPO – bracket for stabilizing cords

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet

23. ROOF FLASHING PDK



Diameter DN1/DN2		100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s = 0.6
		200	200	225	225	240	250	250	280	300	325	350	400	450	500	550	600	
α 20	A	605	605	628	628	628	685	685	710	748	804	781	802	865	915	971	1022	
	B	610	610	632	632	632	708	708	718	756	820	816	803	875	929	982	1035	
α 35	A	645	645	665	665	665	694	694	708	746	778	806	867	917	974	1031	1088	
	B	715	715	724	724	724	758	758	769	816	854	899	939	1013	1079	1145	1211	
α 50	A	670	670	700	700	700	735	735	769	795	797	821	908	970	1032	1094	1156	
	B	867	867	879	879	879	944	944	980	1017	942	959	1168	1256	1346	1433	1522	
Weight [kg]		depending on measurements																



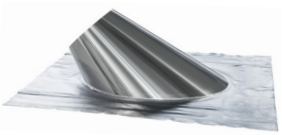
α = 20 → from 0-20°
α = 35 → from 20-35°
α = 50 → from 35-50°

PDK DN2 / α - m

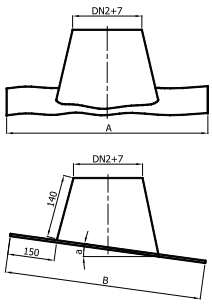
- m – material
- α – angle α
- DN2 – diameter DN2
- PDK – roof flashing

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

24. ANGULAR ROOF FLASHING WITH COLLAR PDK



Diameter DN1/DN2		100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500	for s = 0.6
		200	200	225	225	240	250	260	280	300	325	350	400	450	500	550	600	
α 20	A	1000 (1120 - PE version)																
	B	610	610	632	632	632	708	708	718	756	820	816	803	875	929	982	1035	
α 35	A	1000 (1120 - PE version)																
	B	715	715	724	724	724	758	758	769	816	854	899	939	1013	1079	1145	1211	
α 50	A	1000 (1120 - PE version)																
	B	867	867	879	879	879	944	944	980	1017	942	959	1168	1256	1346	1433	1522	
Weight [kg]		depending on measurements																



α = 20 → 0-20°
α = 35 → 20-35°
α = 50 → 35-50°

PDK DN2 / α - m ...

- ... – collar type (**PE** - elastic, **Pb** - lead)
- m – material
- α – angle α
- DN2 – diameter DN2
- PDK – angular roof flashing

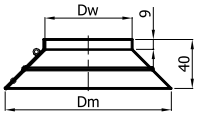
PDK DN2 / α - m PE (ML-...)

- ML-... – painted (ML-CZ/ML-GR)
- PE – elastic collar
- m – material
- α – angle α
- DN2 – diameter DN2
- PDK – angular roof flashing

Destination	W	W	W - ventilation
Material	X	-	X - stainless steel 1.4301
	-	OC	OC - galvanised steel sheet
Sheet thickness s	5	5	5 - sheet thickness 0.5 mm
	6	-	6 - sheet thickness 0.6 mm

ML-CZ: painted - black colour (RAL 9011)
ML-GR: painted - grey colour (RAL 7043)

25. RAIN COLLAR KPD



Diameter DN	ø80	ø100	ø110	ø120	ø130	ø140	ø150	ø160	ø180	ø200	ø225	ø250	ø280	ø300	ø350	ø400	ø450	ø500	ø550	ø600	for s=0.6 (0.5)
Dw [mm]	79.0	99.7	110.9	122.0	131.6	139.5	150.7	160.2	180.9	200.0	225.5	251.0	279	300.4	349.7	400.7	450.0	501.0	550	600	
Dm [mm]	151	172	183	194	204	212	223	232	253	272	326	350	379	400	450	501	550	601	650	700	
Weight [kg]	0.14	0.16	0.17	0.18	0.18	0.19	0.20	0.21	0.23	0.25	0.29	0.31	0.37	0.36	0.41	0.45	0.50	0.54	0.6	0.65	

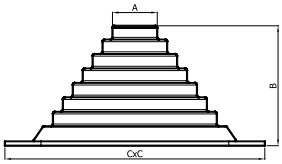
KPD x - X

- material
- diameter DN
- rain collar

Destination	W	W - ventilation ducts
	S	S - flue ducts (gas, oil)
	D	D - smoke ducts
Material	X	X - stainless steel 1.4301
Sheet thickness s	6	6 - sheet thickness 0.6 mm

26. SEALING COLLAR KV

KV sealing collars are made with EPDM elastomer with strip of flexible aluminum alloy on the edges. Flexible base adjusts to all roof types creating durable connection. Sealing collars are especially useful when making passages for antennas, small ventilation chimneys etc.



KV x

- diameter DN
- sealing collar

Type	A	B	CxC
KV 30	ø 6 - 100	80	205x205
KV 40	ø 75 - 155	100	250x250
KV 50	ø 102 - 178	105	270x270
KV 60	ø 125 - 230	130	305x305
KV 70	ø 150 - 280	140	360x360

Destination	Roof flashing

Max. working temperature 100°C.