

Chimney connection system <SPK>

Chimney connection are made of mild steel DC01 according to EN-10130/07 of thickness 2.0 mm. Their application is fume extraction from fireplaces and stoves. Chimney connection elements <SPK> can not be used to build a chimney duct. Elements of system are laser welded, bell pipe joining. Maximum working temperature: 600°C.

Certificate of Factory Production Control 1450-CPR-0007 issued by INiG Cracow.



Bell joint pipe connection

Individual elements of the chimney connection system are being joint by the way of pushing one part of the element - specially press-formed (a spigot), into the other, not prefabricated part of the element. Thanks to this type of pipe joining, chimney liner is characterized by very tight and stiff construction. It also assures proper flow of exhaust fumes from stove to the chimney. Elements should be connected with the press-formed (shrunk) part up.

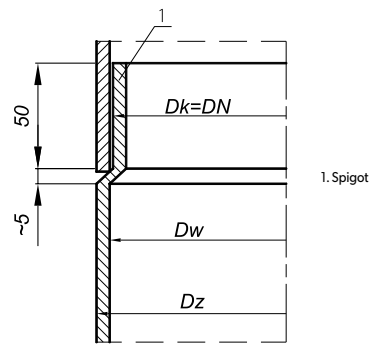


Fig. Method of joining chimney connection pipe elements

Table of layouts and sizes

Diameter DN	Lr	Dz	Dw	Dk=DN
120	386	125	121	120
130	418	135	131	130
150	481	155	151	150
160	512	165	161	160
180	575	185	181	180
200	638	205	201	200
220	700	225	221	220
250	795	255	251	250

Measurments

- Lr - metal sheet layout [mm] ±0.1
- Dz - outer diameter of pipe [mm]
- Dw - inner diameter of pipe [mm]
- Dk - inner diameter of spigot [mm]

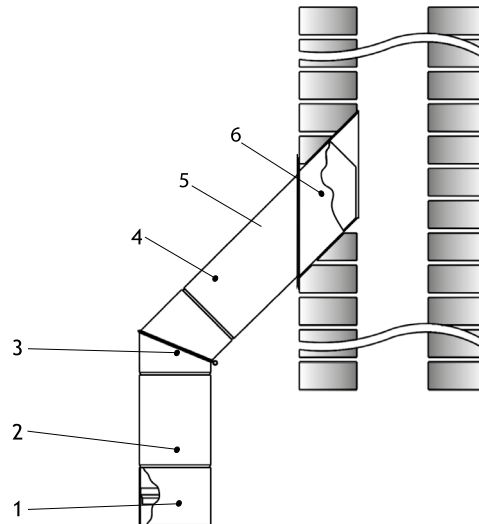
Destination

- D - smoke ducts

Model application of elements

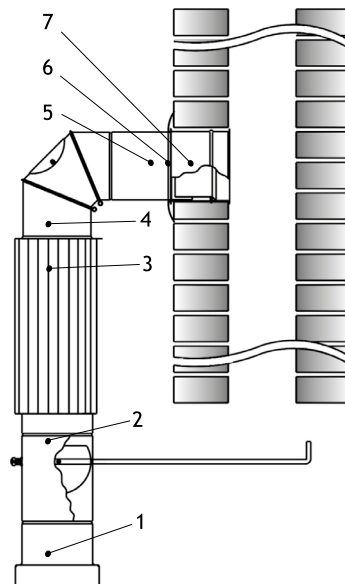
No	Name	Denotation
1	Female connector	ZZ150-CZ2
2	Straight pipe 250 [mm]	RP150/250-CZ2
3	Adjustable elbow 45°	KNS150/45-CZ2
4	Male connector	ZM150-CZ2
5	Straight pipe 0.5 m	RP150/500-CZ2
6	Angular wall insert with insulation	WKK150/45-CZ2

Fig. Example of a chimney connection of a fireplace insert with pre-installed damper. Connection at the angle of 45° can be made with the usage of special wall-insert. Pipe element ending that is put into the wall insert should be cut at the proper angle, so the pipe does not go into the chimney duct causing an obstruction.



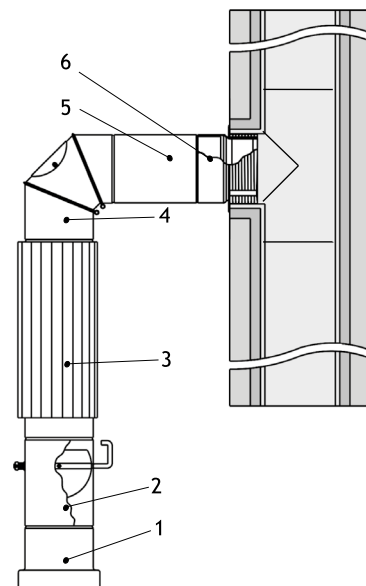
No	Name	Denotation
1	Reducer (adaptor)	RD200/180-CZ2-R
2	Chimney damper	SZK180-CZ2
3	Radiator pipe	RPZ180/500-CZ2
4	Adjustable elbow 90° with revision	KNS180/90-CZ2
5	Straight pipe 250 [mm]	RP180/250-CZ2
6	Rosette	ROZ180-CZ
7	Double-walled insert	WD180-CZ

Fig. Example of chimney connection construction for a fireplace with cladding

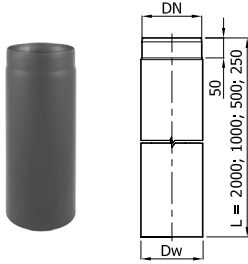


No	Name	Denotation
1	Reducer (adaptor)	RD200/180-CZ2-R
2	Chimney damper	SZK180-CZ2
3	Radiator pipe	RPZ180/500-CZ2
4	Adjustable elbow 90° with revision	KNS180/90-CZ2
5	Straight pipe 250 [mm]	RP180/250-CZ2
6	Wall insert to ceramic chimneys	WKCT150/160-CZ2

Fig. Example of a chimney connection of wood burning stove to a ceramic chimney (f.e. Schiedel).



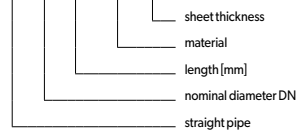
1. STRAIGHT PIPE 2000, 1000, 500, 250 [mm] RP



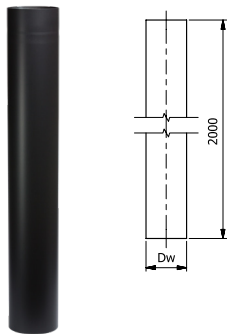
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg]	L=2000	12.40	13.40	15.40	16.40	18.40	20.50	22.40
	L=1000	6.20	6.70	7.70	8.20	9.20	10.25	11.20
	L=500	3.10	3.35	3.85	4.20	4.60	5.10	5.60
	L=250	1.55	1.70	1.95	2.10	2.30	2.55	2.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RP x/L - CZ 2



2. STRAIGHT PIPE 2000 [mm] FEMALE/FEMALE RP/FF



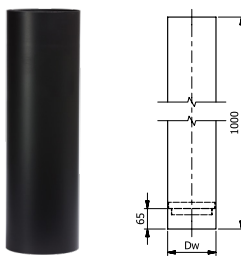
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg]	12.40	13.40	15.40	16.40	18.40	20.50	22.40	25.40

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RP x/ 2000 - CZ 2 /FF



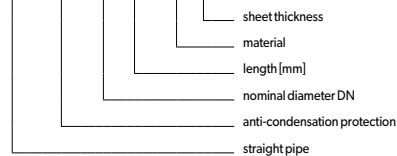
3. STRAIGHT PIPE WITH ANTI-CONDENSATION PROTECTION 1000, 500 [mm] RP/ZA



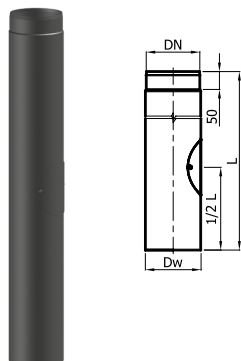
Diameter DN	ø120	ø130	ø150
Dw	121.0	131.0	151.0
Weight [kg] L=1000 mm	6.10	6.60	7.60

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RP/ ZA / x / L - CZ 2



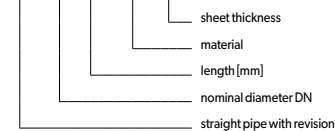
4. STRAIGHT PIPE WITH REVISION 1000, 500, 250 [mm] RPr



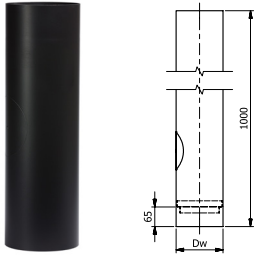
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg] L= 1000 mm	1.55	1.70	1.95	2.10	2.30	2.55	2.80	3.18

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RPr x/L - CZ 2



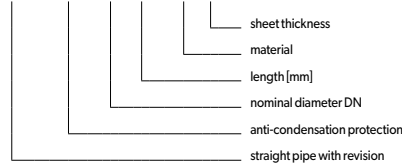
5. STRAIGHT PIPE WITH ANTI-CONDENSATION PROTECTION AND REVISION 1000, 500 [mm] PRr/ZA



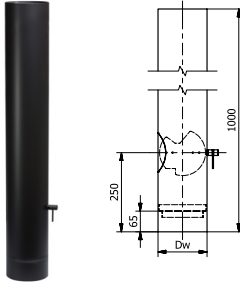
Diameter DN	ø120	ø130	ø150
Dw	121.0	131.0	151.0
Weight [kg] L = 1000 mm	6.30	6.80	7.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RPr / ZA / x / L - CZ 2



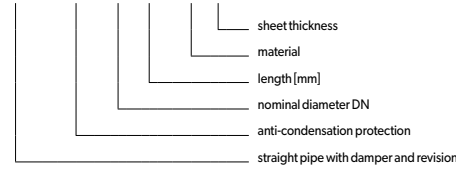
6. STRAIGHT PIPE WITH ANTI-CONDENSATION PROTECTION, DAMPER AND REVISION 1000, 500 [mm] RPrs/ZA



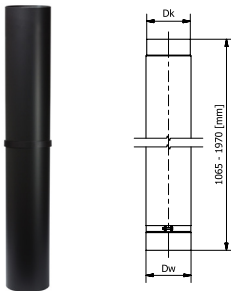
Diameter DN	ø120	ø130	ø150
Dw	121.0	131.0	151.0
Weight [kg] L = 1000 mm	6.50	6.90	7.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RPrs / ZA / x / L - CZ 2



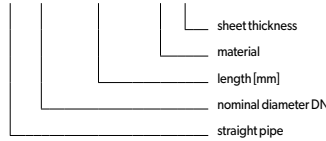
7. STRAIGHT PIPE RT



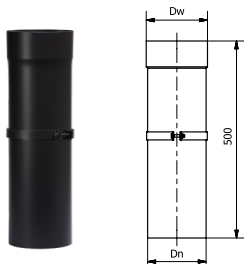
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg]	12.00	13.00	15.00	16.00	18.00	20.00	22.00	25.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RT x / 2x1,0 - CZ 2



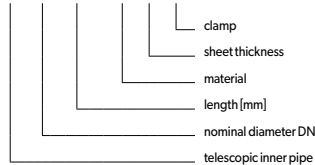
8. TELESCOPIC INNER PIPE WITH CLAMP 1000, 500 [mm] RT/O



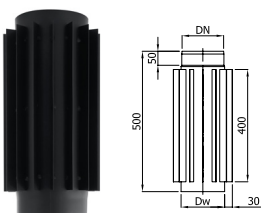
Diameter DN	ø120	ø130	ø150
Dw	121.0	131.0	151.0
Dn	118	128	148
Weight [kg] L = 500 mm	3.00	3.30	3.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

RT x / L - CZ 2 / O



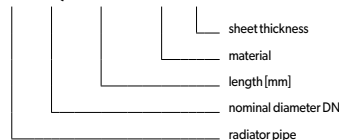
9. RADIATOR PIPE 500 [mm] RPZ



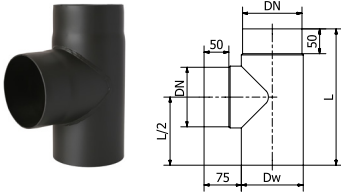
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg]	6.00	6.30	6.55	6.80	7.70	8.60	9.25	10.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.00 mm

RPZ x / 500 - CZ 2



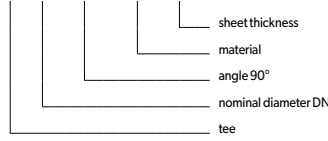
10. TEE 90° TR/90



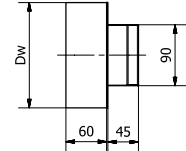
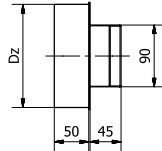
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
L [mm]	275	285	305	315	335	355	375	405
Weight [kg]	2.00	2.20	2.70	3.00	3.50	4.00	4.60	5.60

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

TR x/90 - CZ 2



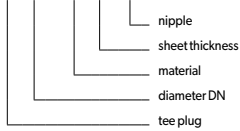
11. TEE PLUG ZT-K/N



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dz	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Weight [kg]	0.54	0.60	0.72	0.78	0.92	1.10	1.22	1.47

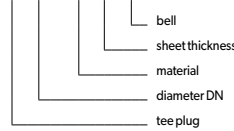
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	ø121	ø131	ø151	ø161	ø181	ø201	ø221	ø251
Weight [kg]	0.61	0.67	0.81	0.87	1.00	1.20	1.30	1.60

ZT x - CZ2 - N



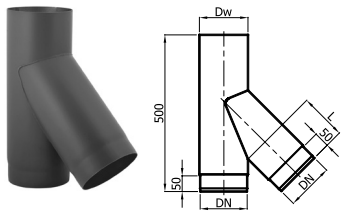
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

ZT x - CZ2 - K



Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

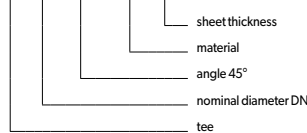
12. TEE 45° TR/45



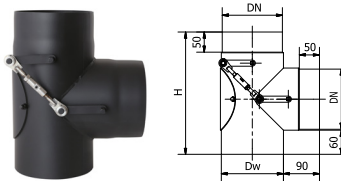
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
L [mm]	150.0	150.0	150.0	150.0	150.0	150.0	180.0	120.0
Weight [kg]	3.10	3.40	3.90	4.20	4.60	5.10	7.55	8.70

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

TR x/45 - CZ 2



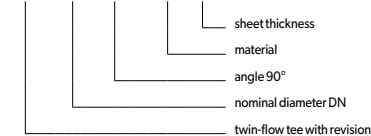
13. TWIN-FLOW TEE WITH REVISION TRMr



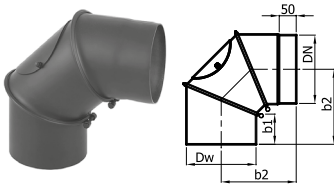
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121	131	151	161	181	201	221	251
H [mm]	275	285	305	315	335	355	375	405
Weight [kg]	3.10	3.40	4.00	4.40	5.10	6.00	6.80	8.10

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

TRMr x/90 - CZ 2



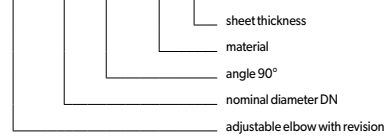
14. ADJUSTABLE ELBOW 90° WITH REVISION KNSR/90



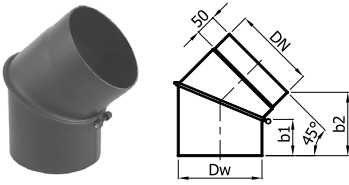
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	84.0	86.0	85.0	85.0	82.0	73.0	83.0	83.0
b2 [mm]	220.0	220.0	224.5	220.0	219.0	221.0	273.0	270.0
Weight [kg]	2.80	3.00	3.40	3.80	4.10	4.50	6.0	6.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KNSR x/90 - CZ 2



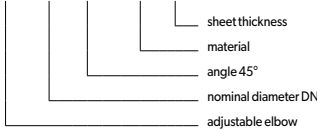
15. ADJUSTABLE ELBOW 45° KNS/45



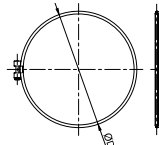
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	84.0	86.0	85.0	85.0	82.0	73.0	83.0	83.0
b2 [mm]	172.0	170.0	162.0	158.0	151.0	144.0	165.0	165.0
Weight [kg]	1.80	1.90	2.10	2.20	2.35	2.50	3.30	3.30

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KNS x/45 - CZ 2



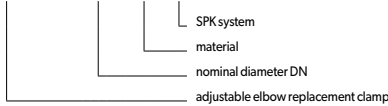
16. ADJUSTABLE ELBOW REPLACEMENT CLAMP; ADJUSTABLE ELBOW REPLACEMENT CERAMIC SEAL



Caution! Sold in sets of 2 pcs.

Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
D1	152	162	184	196	217	240	260	300
Weight [kg]	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

KNSR-OPASKA x - CZ 2



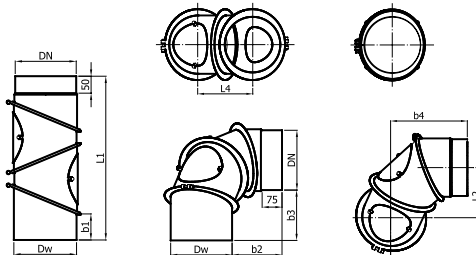
KNSR-USZCZELKA - CZ2



17. ADJUSTABLE ELBOW WITH REVISION - 4 SEGMENTS KNSR/UNI



Available configurations



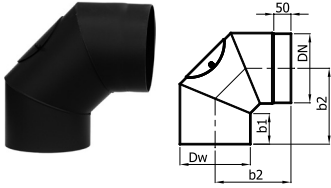
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	84.0	86.0	85.0	85.0	82.0	73.0	83.0	83.0
b2 [mm]	205.0	190.0	180.0	160.0	160.0	145.0	220.0	200.0
b3 [mm]	205.0	190.0	180.0	160.0	160.0	145.0	220.0	200.0
b4 [mm]	265.0	285.0	275.0	280.0	290.0	300.0	335.0	330.0
b5 [mm]	225.0	220.0	200.0	200.0	200.0	200.0	280.0	260.0
L1 [mm]	535.0	535.0	525.0	500.0	515.0	505.0	650.0	640.0
L2 [mm]	200.0	200.0	190.0	160.0	180.0	200.0	240.0	230.0
L3 [mm]	440.0	440.0	440.0	415.0	430.0	420.0	540.0	535.0
L4 [mm]	225.0	220.0	200.0	200.0	200.0	200.0	280.0	260.0
Weight [kg]	3.90	4.30	4.80	5.20	5.70	6.30	8.80	9.60

KNSR x/UNI - CZ 2-4seg



Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

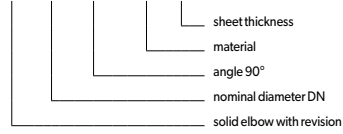
18. SOLID ELBOW 90° WITH REVISION KSr/90



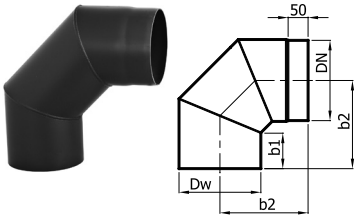
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	96.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	243.0	243.0	241.0	240.0	242.0	241.0	271.0	292.0
Weight [kg]	2.80	3.00	3.40	3.60	4.10	4.50	6.0	6.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr x/90 - CZ 2



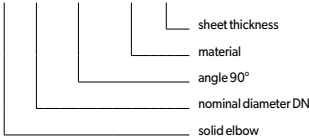
19. SOLID ELBOW 90° KS/90



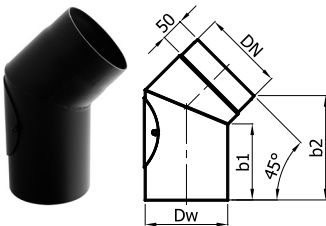
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	96.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	243.0	243.0	241.0	240.0	242.0	241.0	271.0	292.0
Weight [kg]	2.80	3.00	3.40	3.60	4.10	4.50	6.00	6.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/90 - CZ 2



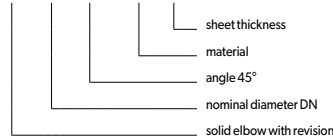
20. SOLID ELBOW 45° WITH REVISION KSr/45



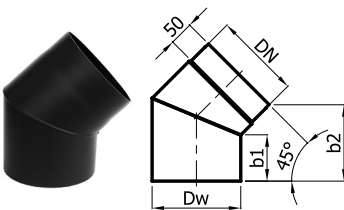
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	187.0	184.0	174.0	170.0	170.0	165.0	145.0	132.0
b2 [mm]	258.0	254.0	245.0	241.0	235.0	228.0	216.0	204.0
Weight [kg]	2.10	2.30	2.60	2.80	3.10	3.50	3.80	4.30

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr x/45 - CZ 2



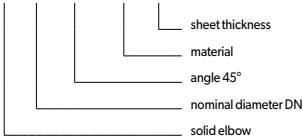
21. SOLID ELBOW 45° KS/45



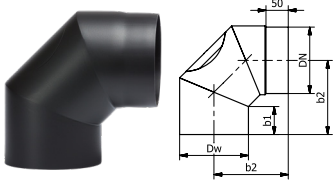
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	96	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	172.0	170.0	162.0	158.0	151.0	144.0	165.0	165.0
Weight [kg]	1.80	1.90	2.10	2.20	2.35	2.50	3.33	3.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/45 - CZ 2



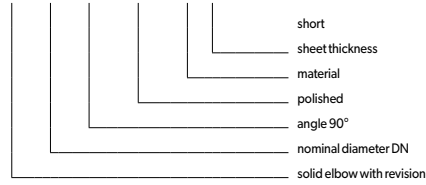
22. SOLID ELBOW 90° 3-SEGMENTS, POLISHED WITH REVISION, SHORT VERSION KSr/KR



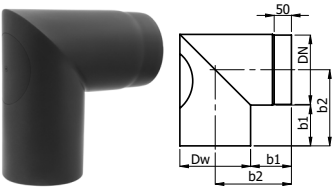
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
b1 [mm]	61	62	63.5
b2 [mm]	167.5	167.5	167.5
Weight [kg]	1.90	2.00	2.30

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr x/90 - SzL - CZ2 / KR



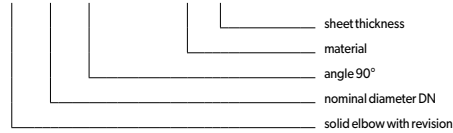
23. SOLID POLISHED ELBOW 90° WITH REVISION KSr/90



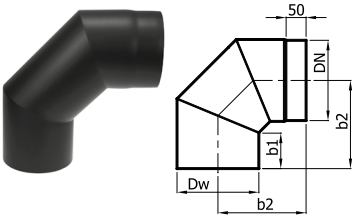
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	145	145	145	145	145	145	145	145
b2 [mm]	207.5	212.5	222.5	227.5	237.5	247.5	257.5	272.5
Weight [kg]	2.60	2.90	3.50	3.80	4.40	5.10	5.80	6.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr x/90 - SzL - CZ 2-2SEG



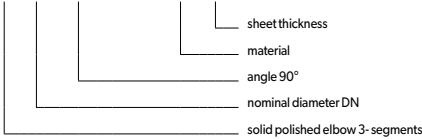
24. SOLID POLISHED ELBOW 3-SEGMENTS



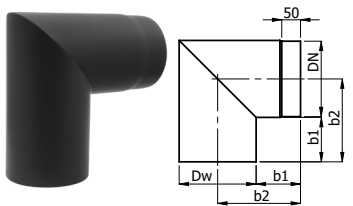
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	96.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	243.0	243.0	241.0	240.0	242.0	241.0	271.0	292.0
Weight [kg]	2.80	3.00	3.40	3.60	4.10	4.50	6.00	6.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/90 - SzL - CZ 2



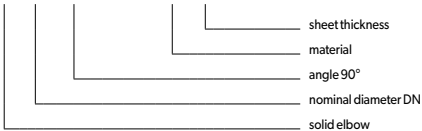
25. SOLID POLISHED ELBOW 90° KS/90



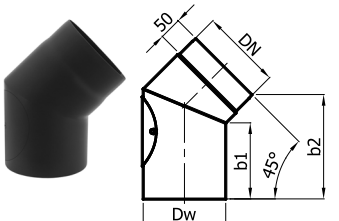
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	145	145	145	145	145	145	145	145
b2 [mm]	207.5	212.5	222.5	227.5	237.5	247.5	257.5	272.5
Weight [kg]	2.60	2.90	3.50	3.80	4.40	5.10	5.80	6.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/90 - SzL - CZ 2-2SEG



26. SOLID POLISHED ELBOW 45° WITH REVISION KSr/45



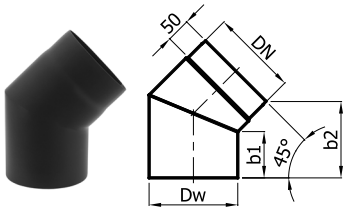
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	187.0	184.0	174.0	170.0	170.0	165.0	145.0	132.0
b2 [mm]	258.0	254.0	245.0	241.0	235.0	228.0	216.0	204.0
Weight [kg]	2.10	2.30	2.60	2.80	3.10	3.50	3.80	4.30

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr x/45 - SzL - CZ 2



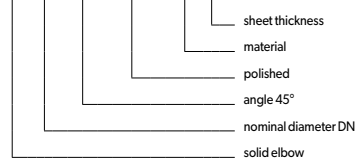
27. SOLID POLISHED ELBOW 45° KS/45



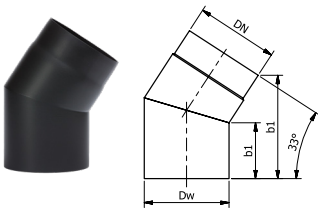
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
b1 [mm]	96	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	172.0	170.0	162.0	158.0	151.0	144.0	165.0	165.0
Weight [kg]	1.80	1.90	2.10	2.20	2.35	2.50	3.33	3.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/45 - SzL - CZ 2



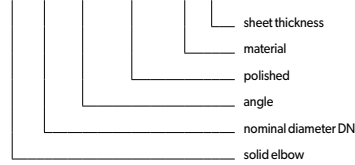
28. SOLID POLISHED ELBOW 33° KS/33



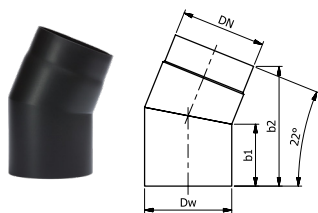
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
b1 [mm]	106.5	105	102
b2 [mm]	197	195	189
Weight [kg]	1.50	1.70	1.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/33 - SzL - CZ 2



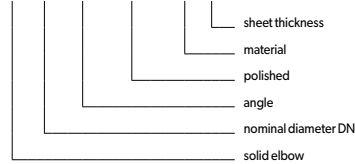
29. SOLID POLISHED ELBOW 22° KS/22



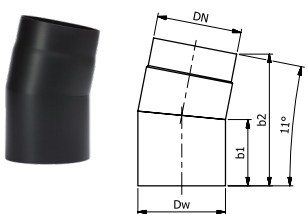
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
b1 [mm]	113	112	110
b2 [mm]	219	217	213
Weight [kg]	1.50	1.70	1.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/22 - SzL - CZ 2



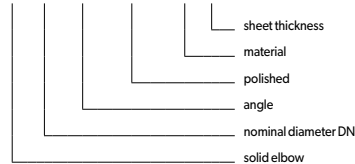
30. SOLID POLISHED ELBOW 11° KS/11



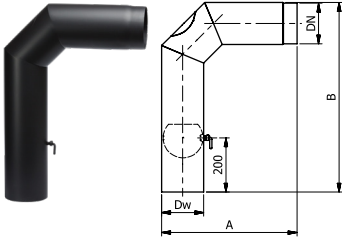
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
b1 [mm]	119	118.5	117.5
b2 [mm]	236	235	233
Weight [kg]	1.50	1.70	1.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KS x/11 - SzL - CZ 2



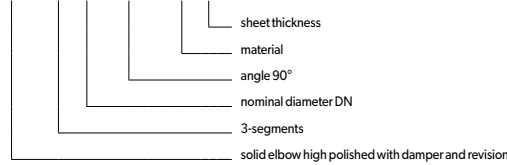
31. SOLID ELBOW HIGH 90° 3-SEGMENTS, POLISHED WITH DAMPER AND REVISION KSrs - III



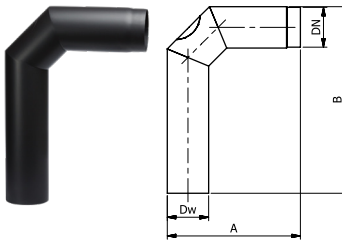
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
A [mm]	500	500	500
B [mm]	700	700	700
Weight [kg]	6.50	7.00	8.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSrs-III-x/90 - CZ 2



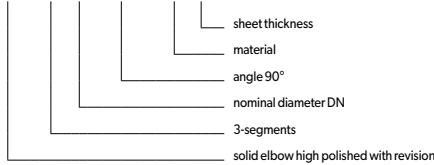
32. SOLID ELBOW HIGH 90° 3-SEGMENTS, POLISHED WITH REVISION KSr - III



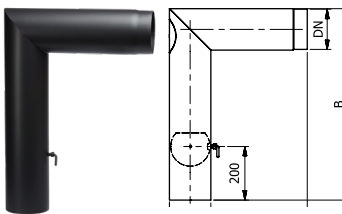
Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
A [mm]	500	500	500
B [mm]	700	700	700
Weight [kg]	6.00	6.50	7.50

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSr-III-x/90 - CZ 2



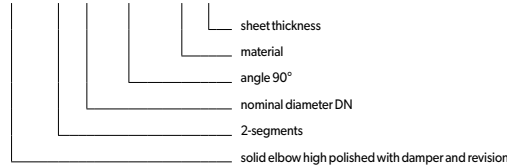
33. SOLID ELBOW HIGH 90° 2-SEGMENTS, POLISHED WITH DAMPER AND REVISION KSrs - II



Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
A [mm]	500	505	515
B [mm]	700	705	715
Weight [kg]	7.00	7.50	9.50

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KSrs-II-x/90 - CZ 2



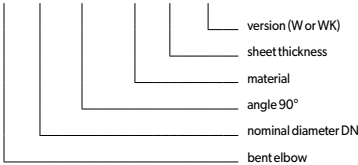
34. BENT ELBOW - HIGH, HIGH-SHORT KG



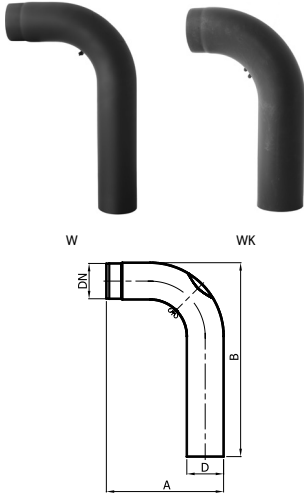
Version	W (high)			WK (high-short)		
Diameter DN	ø120	ø130	ø150	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0	120.0	130.0	150.0
A [mm]	398.0	420.0	460.0	318.0	340.0	380.0
B [mm]	645.0	640.0	645.0	645.0	640.0	645.0
Weight [kg]	5.10	5.50	6.60	4.70	5.00	6.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KG x/90 - CZ 2/ ...



35. BENT ELBOW - HIGH, HIGH-SHORT WITH REVISION



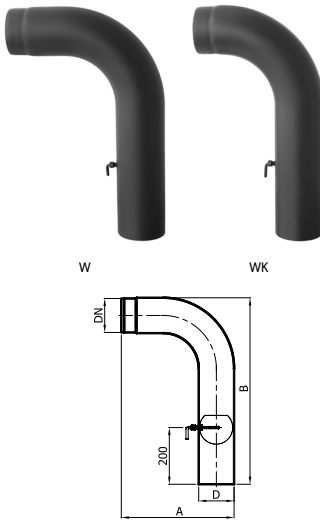
Version	W (high)			WK (high-short)		
Diameter DN	ø120	ø130	ø150	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0	120.0	130.0	150.0
A [mm]	398.0	420.0	460.0	318.0	340.0	380.0
B [mm]	645.0	640.0	645.0	645.0	640.0	645.0
Weight [kg]	5.20	5.60	6.70	4.70	5.00	6.10

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KG_r x / 90 - CZ 2 / ...

- version (W or WK)
- sheet thickness
- material
- angle 90°
- nominal diameter DN
- bent elbow with revision

36. BENT ELBOW - HIGH, HIGH-SHORT WITH CHIMNEY DAMPER KGS



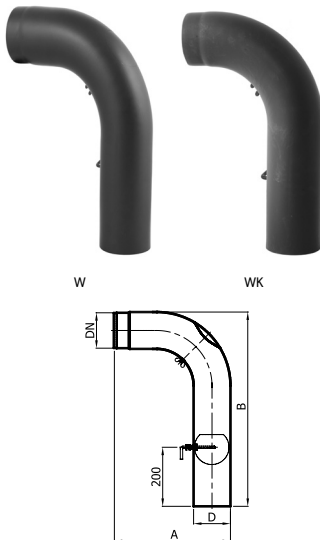
Version	W (high)			WK (high-short)		
Diameter DN	ø120	ø130	ø150	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0	120.0	130.0	150.0
A [mm]	398.0	420.0	460.0	318.0	340.0	380.0
B [mm]	645.0	640.0	645.0	645.0	640.0	645.0
Weight [kg]	5.40	5.80	6.90	4.90	5.20	6.30

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

KG_s x / 90 - CZ 2 / ...

- version (W or WK)
- sheet thickness
- material
- angle 90°
- nominal diameter DN
- bent elbow z with chimney damper

37. BENT ELBOW - HIGH, HIGH-SHORT WITH REVISION AND CHIMNEY DAMPER KGSR



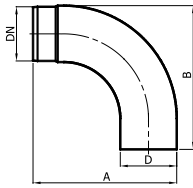
Version	W (high)			WK (high-short)		
Diameter DN	ø120	ø130	ø150	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0	120.0	130.0	150.0
A [mm]	398.0	420.0	460.0	318.0	340.0	380.0
B [mm]	645.0	640.0	645.0	645.0	640.0	645.0
Weight [kg]	5.50	5.80	7.00	5.00	5.30	6.40

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

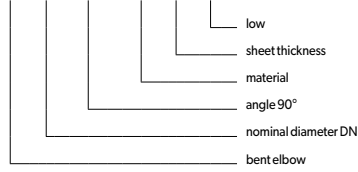
KG_{sr} x / 90 - CZ 2 / ...

- version (W or WK)
- sheet thickness
- material
- angle 90°
- nominal diameter DN
- bent elbow with revision and chimney damper

38. BENT ELBOW LOW KG



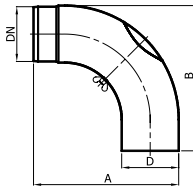
KG x/90 - CZ 2/N



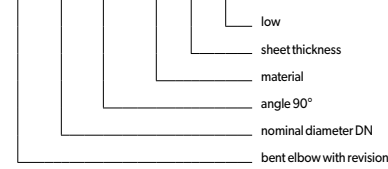
Diameter DN	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0
A [mm]	318.0	340.0	380.0
B [mm]	318.0	340.0	380.0
Weight [kg]	2.60	3.00	3.80

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

39. BENT ELBOW LOW WITH REVISION KGR



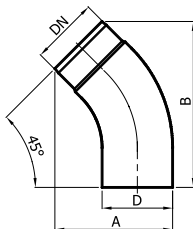
KGr x/90 - CZ 2/N



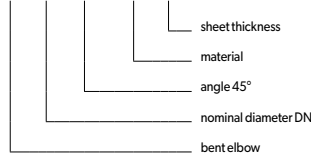
Diameter DN	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0
A [mm]	318.0	340.0	380.0
B [mm]	318.0	340.0	380.0
Weight [kg]	2.70	3.10	3.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

40. BENT ELBOW 45° KG



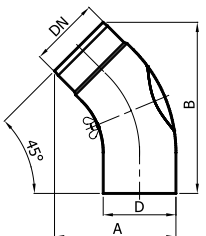
KG x/45 - CZ 2



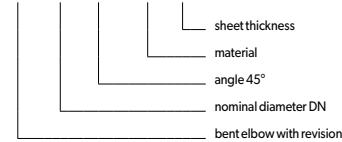
Diameter DN	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0
A [mm]	208.0	222.0	248.0
B [mm]	294.0	308.0	336.0
Weight [kg]	1.70	1.90	2.40

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

41. BENT ELBOW 45° WITH REVISION KGR



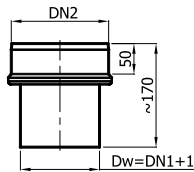
KGr x/45 - CZ 2



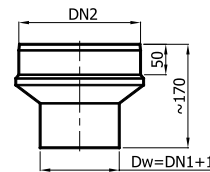
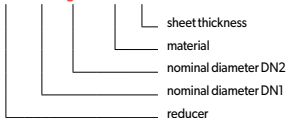
Diameter DN	ø120	ø130	ø150
øD [mm]	125.0	135.0	155.0
øDk [mm]	120.0	130.0	150.0
A [mm]	208.0	222.0	248.0
B [mm]	294.0	308.0	336.0
Weight [kg]	1.80	2.00	2.50

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

42. REDUCERS RD



RD x/y - CZ 2



RD x/y - CZ 2 - S

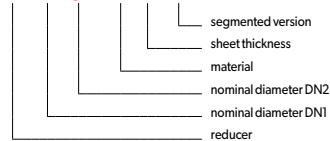
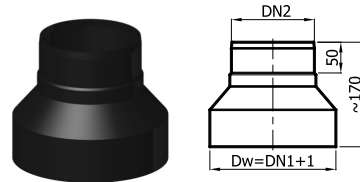
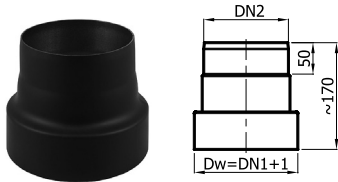


Table of versions and available diameters

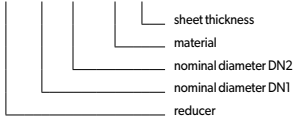
Diameter DN 2	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Diameter DN 1	ø120	-	RD	RD	RD	RD-S	RD-S	RD-S
	ø130	RD	-	RD	RD	RD	RD-S	RD-S
	ø150	RD	RD	-	RD	RD	RD-S	RD-S
	ø160	RD	RD	RD	-	RD	RD	RD-S
	ø180	RD-S	RD	RD	RD	-	RD	RD-S
	ø200	RD-S	RD-S	RD	RD	RD	-	RD
	ø220	RD-S	RD-S	RD-S	RD-S	RD	RD	-
	ø250	RD-S	RD-S	RD-S	RD-S	RD-S	RD	-

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

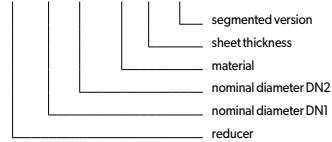
43. REDUCERS RD



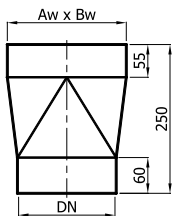
RD x/y - CZ 2



RD x/y - CZ 2 - S

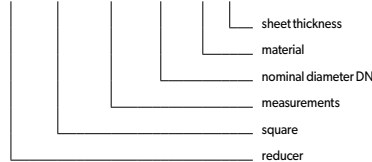


44. REDUCER RDKW



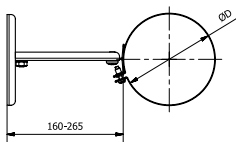
Measurements Aw x Bw [mm]	122 x 122	135 x 189	142 x 142	142 x 162	152 x 152	162 x 162	171 x 171	180 x 180	192 x 192	200 x 200
Diameter DN	ø120	1.80 kg	-	-	-	-	-	-	-	-
	ø130	1.85 kg	-	2.00 kg	-	2.05 kg	-	-	-	-
	ø150	1.95 kg	-	2.10 kg	-	2.10 kg	2.30 kg	2.35 kg	2.40 kg	-
	ø160	-	-	2.15 kg	-	2.15 kg	2.40 kg	2.45 kg	2.50 kg	2.60 kg
	ø180	-	2.70 kg	2.25 kg	2.40 kg	2.30 kg	2.50 kg	2.55 kg	2.60 kg	2.70 kg
	ø200	-	2.90 kg	2.35 kg	-	2.45 kg	2.60 kg	2.65 kg	2.70 kg	2.80 kg

RD kw Ax B / x - CZ 2



Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

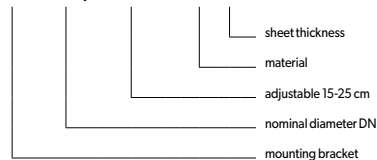
45. MOUNTING BRACKET



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
D [mm]	125	135	155	165	185	205	225	255
Weight [kg]	0.44	0.45	0.47	0.48	0.50	0.52	0.54	0.57

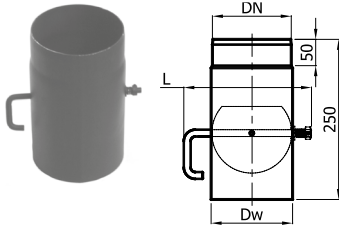
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

OMD-I ... / 15-25 - CZ 2



Not to use with flammable materials.

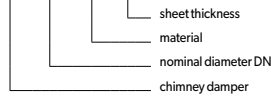
46. CHIMNEY DAMPER WITH SHORT HANDLE SZK



Chimney dampers are produced in versions:

- with long handle for diameters 180, 200, 220 and 250
- with short handle 120, 130, 150 and 160

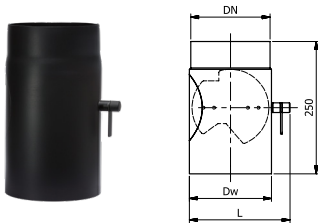
SZK x - CZ 2



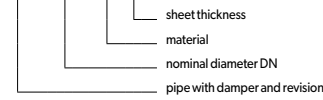
Diameter DN	ø120	ø130	ø150	ø160
Dw [mm]	121.0	131.0	151.0	161.0
L [mm]	193.0	203.0	223.0	223.0
Weight [kg]	3.20	3.50	4.00	4.50

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

47. CHIMNEY DAMPER WITH REVISION SZKr



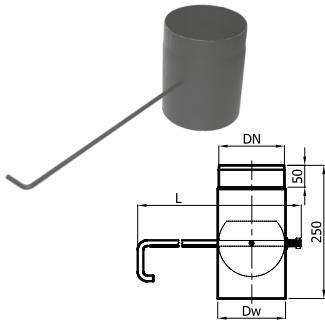
SZKr x - CZ 2



Diameter DN	ø120	ø130	ø150
Dw [mm]	121.0	131.0	151.0
L [mm]	160	170	190
Weight [kg]	1.65	1.95	2.25

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

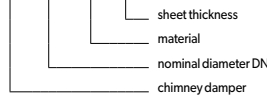
48. CHIMNEY DAMPER WITH LONG HANDLE SZK



Chimney dampers are produced in versions:

- with long handle for diameters 180, 200, 220 and 250
- with short handle 120, 130, 150 and 160

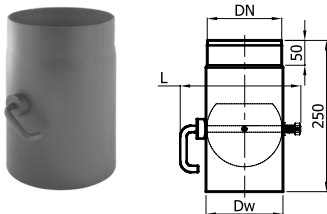
SZK x - CZ 2



Diameter DN	ø180	ø200	ø220	ø250
Dw [mm]	181.0	201.0	221.0	251.0
L [mm]	690.0	710.0	730.0	760.0
Weight [kg]	3.40	3.60	3.90	4.30

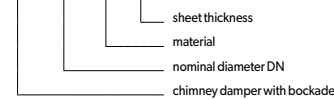
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

49. CHIMNEY DAMPER WITH BLOCKADE SZKB



In standard version damper is produced with short handle.

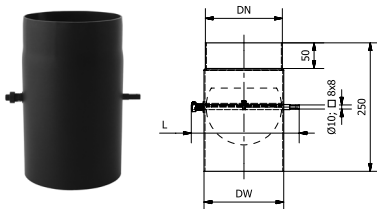
SZKB x - CZ 2



Diameter DN	ø120	ø130	ø150	ø160
Dw [mm]	121.0	131.0	151.0	161.0
L [mm]	193.0	203.0	223.0	223.0
Weight [kg]	3.20	3.50	4.00	4.50

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

50. CHIMNEY DAMPER SZK 8x8



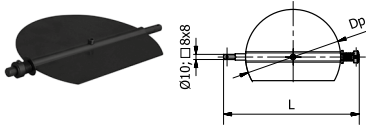
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	121.0	131.0	151.0	161.0	181.0	201.0	221.0	251.0
L [mm]	180	190	210	220	240	260	280	310
Weight [kg]	1.65	1.95	2.25	2.41	2.76	3.10	3.47	4.00

SZK x - CZ 2 - 8x8



Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

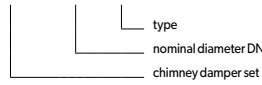
51. CHIMNEY DAMPER SET SZK-SET 8x8



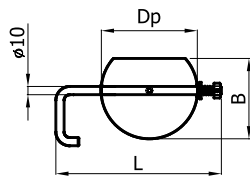
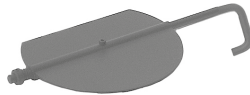
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dp [mm]	117	127	147	157	177	197	217	247
L [mm]	180	190	210	220	240	260	280	310
Weight [kg]	0.28	0.32	0.37	0.41	0.51	0.59	0.73	0.91

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

SZK-SET x - 8x8



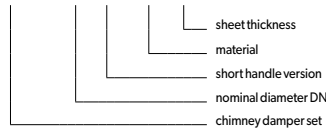
52. CHIMNEY DAMPER „DO IT YOURSELF“ SET WITH SHORT HANDLE SZK-SET



Chimney dampers are produced in versions:

- with long handle for diameters 180, 200, 220 and 250
- with short handle 120, 130, 150 and 160

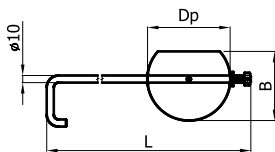
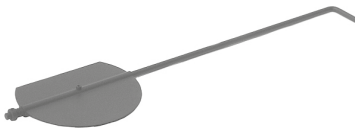
SZK-SET x - K - CZ 2



Diameter DN	ø120	ø130	ø150	ø160
B [mm]	97.5	105.0	110.0	118.0
Dp [mm]	117.0	127.0	147.0	157.0
L [mm]	193.0	203.0	223.0	223.0
Weight [kg]	1.65	1.80	2.00	2.20

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

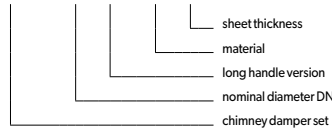
53. CHIMNEY DAMPER „DO IT YOURSELF“ SET WITH LONG HANDLE SZK-SET



Chimney dampers are produced in versions:

- with long handle for diameters 180, 200, 220 and 250
- with short handle 120, 130, 150 and 160

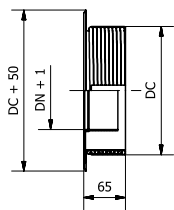
SZK-SET x - D - CZ 2



Diameter DN	ø180	ø200
B [mm]	142.5	154.5
Dp [mm]	177.0	197.0
L [mm]	690.0	710.0
Weight [kg]	2.70	3.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

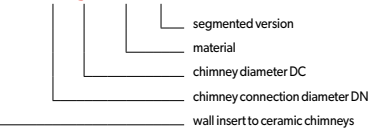
54. WALL INSERT TO CERAMIC CHIMNEYS WKCP



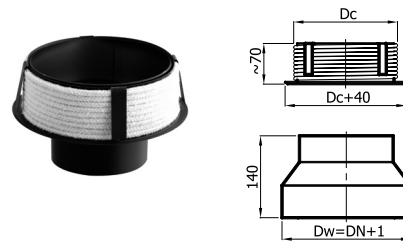
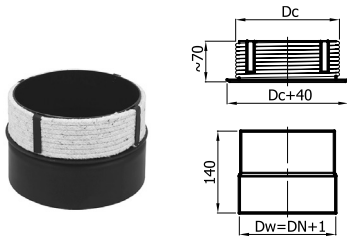
Diameter DC	ø150	ø160	ø180	ø200	ø220	ø250
Diameter DN	ø120	WKCP	WKCP	WKCP	WKCP	WKCP
	ø130	-	WKCP	WKCP	WKCP	WKCP
	ø150	-	-	WKCP	WKCP	WKCP
	ø160	-	-	-	WKCP	WKCP
	ø180	-	-	-	-	WKCP
	ø200	-	-	-	-	WKCP
	ø220	-	-	-	-	WKCP

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

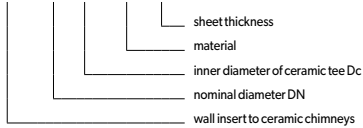
WKCP x/y - CZ 2



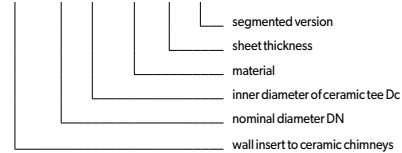
55. WALL INSERTS TO CERAMIC CHIMNEYS WKC; WKC-S



WKC x/y - CZ 2



WKC x/y - CZ 2 - S



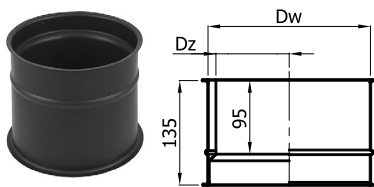
This wall insert protects tees of ceramic chimneys from damages caused by thermal expansion of metal elements of the chimney connection.

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

Table of versions and available sets

		Diameter DC																	
		ø120		ø130		ø140		ø150		ø160		ø180		ø200		ø220		ø250	
Diameter DN	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	Version	Weight [kg]	
		ø120	WKC	1.10	WKC	1.15	WKC	1.30	WKC	1.30	WKC	1.40	WKC	1.60	WKC-S	1.85	WKC-S	-	WKC-S
ø130	WKC	1.15	WKC	1.20	WKC	1.35	WKC	1.35	WKC	1.50	WKC	1.60	WKC	1.65	WKC-S	-	WKC-S	-	
ø150	WKC	1.25	WKC	1.30	WKC	1.40	WKC	1.50	WKC	1.60	WKC	1.65	WKC	1.70	WKC	1.90	WKC-S	-	
ø160	WKC-S	1.70	WKC-S	1.75	WKC	1.50	WKC	1.60	WKC	1.65	WKC	1.70	WKC	1.75	WKC	1.90	WKC	1.95	
ø180	WKC-S	1.85	WKC-S	1.90	WKC-S	1.95	WKC-S	2.00	WKC	1.75	WKC	1.80	WKC	1.85	WKC	2.00	WKC	2.00	
ø200	WKC-S	1.95	WKC-S	2.00	WKC-S	2.05	WKC-S	2.10	WKC-S	2.15	WKC	1.90	WKC	1.95	WKC	2.05	WKC	2.05	
ø220	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	-	WKC	2.00	WKC	2.05	WKC	2.10	WKC	2.20	
ø250	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	-	WKC-S	2.35	WKC	2.20	WKC	2.30	

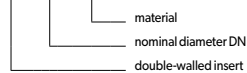
56. DOUBLE - WALLED WALL INSERT WD



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dz [mm]	110.0	120.0	140.0	150.0	170.0	190.0	210.0	240.0
Dw [mm]	128.0	138.0	158.0	168.0	188.0	208.0	228.0	258.0
Weight [kg]	0.65	0.70	0.85	0.90	1.00	1.10	1.20	1.25

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	8	8 - sheet thickness 0.8 mm

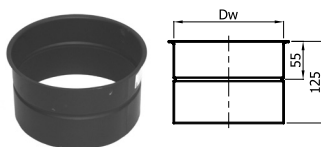
WD x - CZ



Caution!

Double-walled insert is used to secure connection of the SPK element to chimney duct with metal insert.

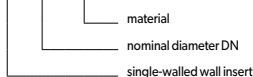
57. SINGLE-WALLED WALL INSERT WJ



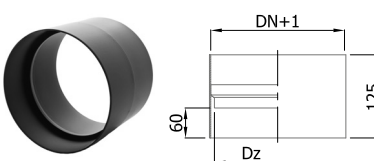
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dz [mm]	128.0	138.0	158.0	168.0	188.0	208.0	228.0	258.0
Weight [kg]	0.30	0.35	0.40	0.42	0.45	0.50	0.55	0.60

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	8	8 - sheet thickness 0.8 mm

WJ x - CZ



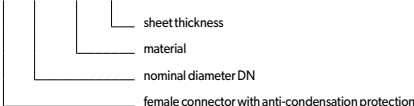
58. FEMALE CONNECTOR WITH ANTI-CONDENSATION PROTECTION ZZ



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dz [mm]	110.0	120.0	140.0	150.0	170.0	190.0	210.0	240.0
Weight [kg]	0.95	1.10	1.20	1.30	1.45	1.60	1.75	1.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

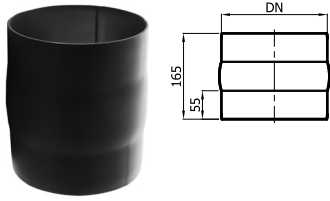
ZZ x - CZ 2



Caution!

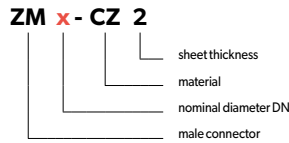
Female connector allows to connect two press-formed elements to each other and divert the connection schema.

59. MALE CONNECTOR ZM



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Weight [kg]	0.40	0.45	0.50	0.55	0.60	0.70	0.80	0.90

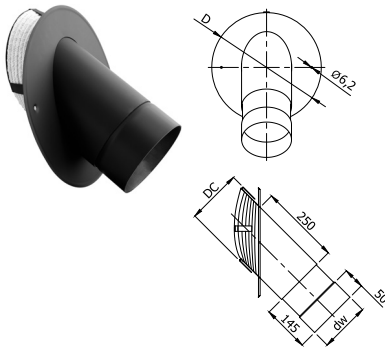
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm



Caution!

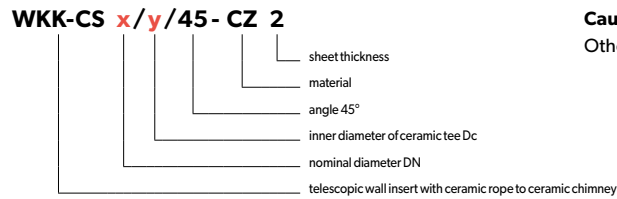
Male connector allows to connect the on site cut pipe elements to other elements of the SPK system.

60. TELESCOPIC WALL INSERT WITH CERAMIC ROPE TO CERAMIC CHIMNEY WKK-CS



Diameter DN	ø150	ø150	ø180
DC	180.0	200.0	200.0
D	340.0	360.0	360.0
dw	151	151	181
Weight [kg]	2.95	3.20	3.20

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

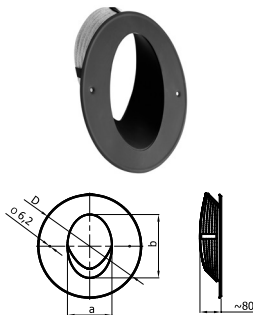


Telescopic wall insert allows to connect the stove/fireplace to the chimney at 45° angle

Caution!

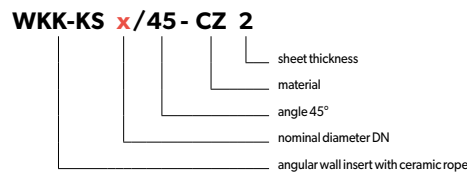
Other inserts upon individual order

61. ANGULAR WALL INSERT WITH CERAMIC ROPE WKK-KS (TO BE BUILT IN)



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
a [mm]	130.0	140.0	160.0	170.0	190.0	210.0	230.0	260.0
b [mm]	184.0	198.0	226.0	240.0	269.0	297.0	325.0	368.0
Diameter D	280	290	310	320	340	360	380	410
Weight [kg]	0.95	1.10	1.20	1.35	1.45	1.60	1.75	2.00

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

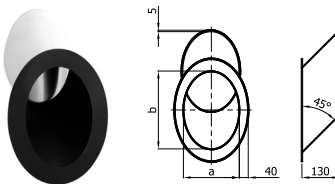


Angular insert allows to connect the stove/fireplace to the chimney at 45° angle.

Caution!

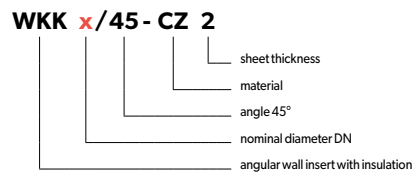
Pipe element ending that is put into the WKK-KS wall insert should be cut at the proper angle, so the pipe does not go into chimney duct causing an obstruction.

62. ANGULAR WALL INSERT WITH INSULATION WKK (TO BE BUILT IN)



Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
a [mm]	130.0	140.0	160.0	170.0	190.0	210.0	230.0	260.0
b [mm]	184.0	198.0	226.0	240.0	269.0	297.0	325.0	368.0
Weight [kg]	0.95	1.10	1.20	1.35	1.45	1.60	1.75	1.90

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

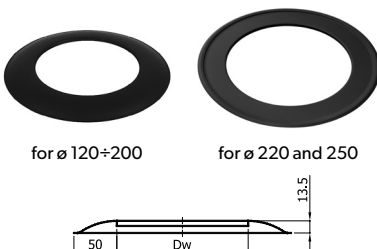


Angular wall insert allows to connect the stove to a chimney at 45° angle. Thermal insulation protects ceramic chimneys from damages caused by thermal expansion of metal elements.

Caution!

Pipe element ending that is put into the WKK wall insert should be cut at the proper angle, so the pipe does not go into chimney duct causing an obstruction.

63. ROSETTE ROZ

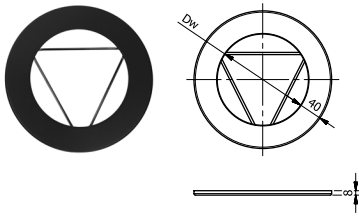


Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	126.5	136.5	156.5	166.5	186.5	206.5	226.5	256.5
Weight [kg]	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	6	6 - sheet thickness 0.6 mm



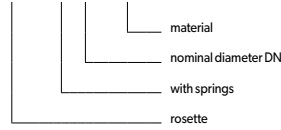
64. ROSETTE WITH SPRINGS ROZ/S



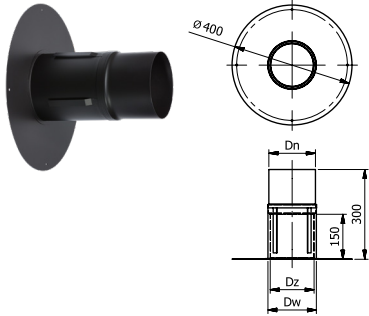
Diameter DN	ø120	ø130	ø150	ø160	ø180	ø200	ø220	ø250
Dw [mm]	127	137	157	167	187	207	227	257
Weight [kg]	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	6	6 - sheet thickness 0,6 mm

ROZ/S x - CZ



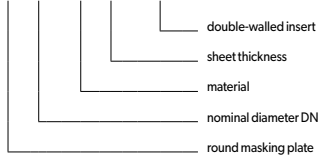
65. ROUND MASKING PLATE Ø400 WITH DOUBLE-WALLED INSERT PLo/WD



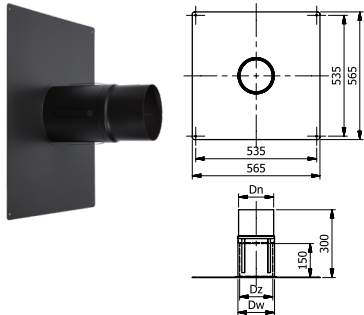
Diameter DN	ø120	ø130	ø150
Dw [mm]	117	127	147
Dz [mm]	130	140	160
Dn [mm]	125	135	155
Weight [kg]	4.90	5.00	5.10

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

PLo x - CZ 2 / WD



66. SQUARE MASKING PLATE #565x565 WITH DOUBLE-WALLED INSERT PLkw/WD



Diameter DN	ø120	ø130	ø150
Dw [mm]	117	127	147
Dz [mm]	130	140	160
Dn [mm]	125	135	155
Weight [kg]	4.90	5.00	5.10

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2.0 mm

PLkw x - CZ 2 / WD

