

DESCRIPTION

CHIMNEY CONNECTION SYSTEM <SPK>

Chimney connection system <SPK> is used for building chimney connections (connecting stove with chimney duct), made with mild steel sheet type DC01 (according to EN-10130/07). It is recommended to be used with smoke extraction ducts from fireplaces and solid fuels burning devices working without condensation, where the temperature can rise up to 1000°C.

Chimney connection elements <SPK> can not be used to build a chimney duct.

Maximum working temperature - 600°C

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

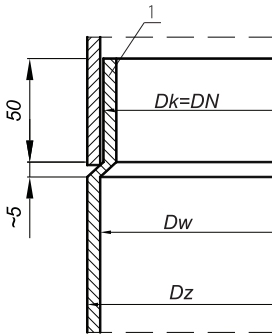
Marked with CE sign.

Elements laser welded coated with Senotherm heat resistant paint in black or cast grey colour.

2 years warranty

BELL JOINT PIPE CONNECTION

Individual elements of the chimney connection system are being joined 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 connection is characterized by very tight and stiff construction. It also assures the proper flow of smoke in the duct. The elements should be connected with the press-formed side up. Eventual change of this mounting schema (for example to prevent from condensate outbreak) can be performed with the usage of male connections. The proper condensate flow can be granted by the usage of female connections (with anti-condensation protection).



Connections between elements should be sealed with a special, resistant to 1200°C, sealant.

1.Spigot



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

MEASUREMENTS

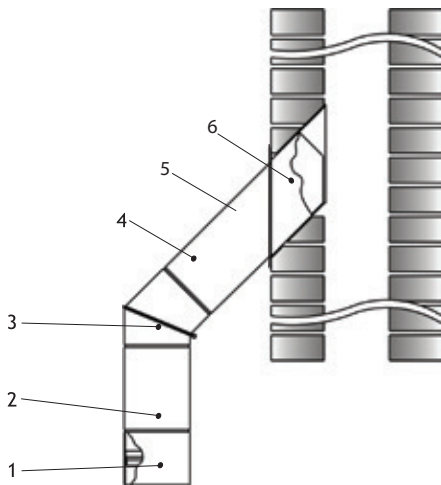
Lr - metal sheet layout [mm]±0,1
Dz - outer diameter of pipe [mm]
Dw - inner diameter of pipe [mm]
Dk - outer diameter of spigot [mm]

DESTINATION

D - smoke ducts

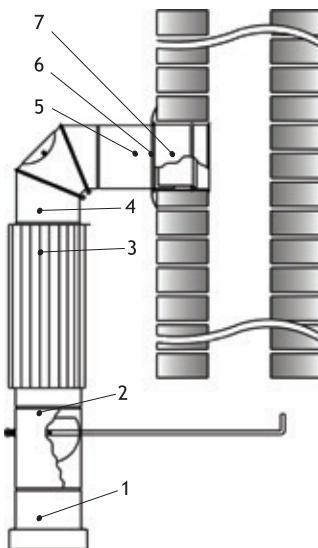


MODEL APPLICATION OF THE ELEMENTS



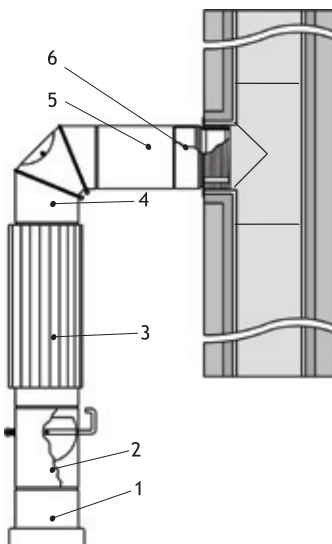
Pos	Name	Denotation
1	Female connector	ZZ150-CZ2
2	Straight pipe 250 [mm]	RP150/250-CZ2
3	Adjustable elbow 45°	KNS150/45-CZ2
4	Male connector	ZM150-CZ2
5	Straight pipe 0,5 m	RP150/500-CZ2
6	Angular wall insert with insulation	WKK150/45-CZ2

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.



Pos	Name	Denotation
1	Reducer (adapter)	RD200/180-CZ2-R
2	Chimney damper	SZK180-CZ2
3	Radiator pipe	RPZ180/500-CZ2
4	Adjustable elbow 90° with revision	KNSr180/90-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



Pos	Name	Denotation
1	Reducer (adapter)	RD200/180-CZ2-R
2	Chimney damper	SZK180-CZ2
3	Radiator pipe	RPZ180/500-CZ2
4	Adjustable elbow 90° with revision	KNSr180/90-CZ2
5	Straight pipe 250 [mm]	RP180/250-CZ2
6	Wall insert to ceramic chimneys	WKC150/160-CZ2

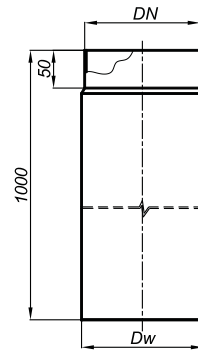
Fig. Example of a chimney connection of wood burning stove to a ceramic chimney (f.e. Schiedel).

1. STRAIGHT PIPE 1000 [MM] RP

PICTURE



MEASUREMENTS

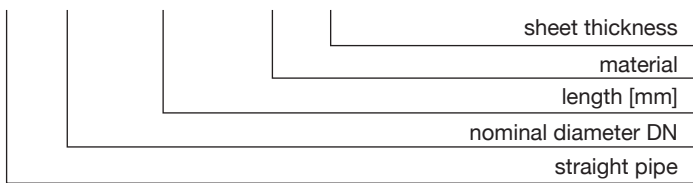


RP

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]	6.20	6.70	7.70	8.20	9.20	10.25	11.20	12.70

DENOTATIONS / PRODUCT CODES

RP x / 1000 - CZ 2



MATERIALS

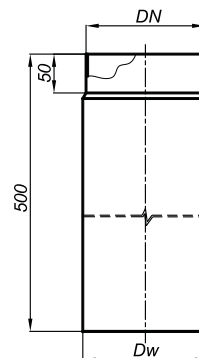
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

2. STRAIGHT PIPE 500 [MM] RP

PICTURE



MEASUREMENTS

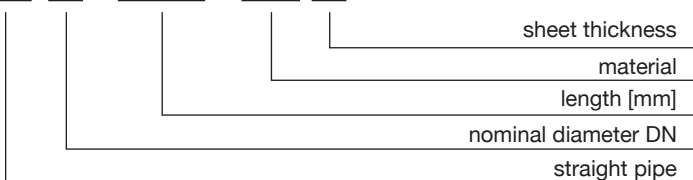


RP

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]	3.10	3.35	3.85	4.20	4.60	5.10	5.60	6.35

DENOTATIONS / PRODUCT CODES

RP x / 500 - CZ 2



MATERIALS

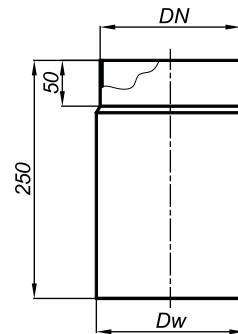
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

3. STRAIGHT PIPE 250 [MM] RP

PICTURE



MEASUREMENTS

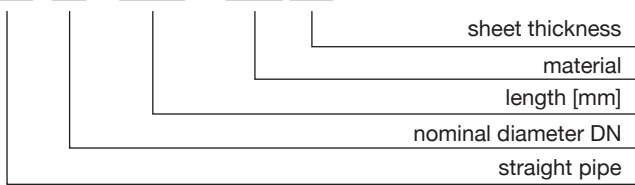


RP

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]	1.55	1.70	1.95	2.10	2.30	2.55	2.80	3.18

DENOTATIONS / PRODUCT CODES

RP x / 250 - CZ 2

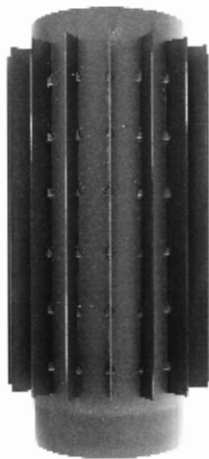


MATERIALS

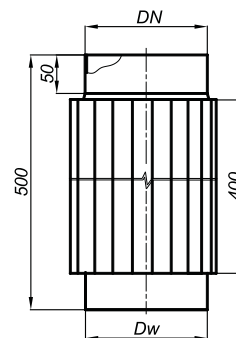
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

4. RADIATOR PIPE 500 [MM] RPZ

PICTURE



MEASUREMENTS

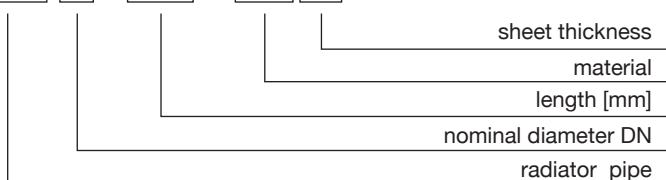


RPZ

Diameter DN	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
Dw	151.0	161.0	181.0	201.0	221.0	251.0
Weight [kg]	6.55	6.80	7.70	8.60	9.25	10.00

DENOTATIONS / PRODUCT CODES

RPZ x / 500 - CZ 2



MATERIALS

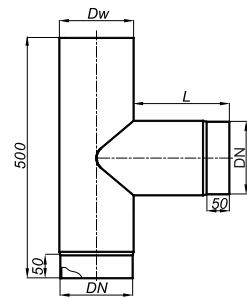
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

5. TEE 90° TR/90

PICTURE



MEASUREMENTS

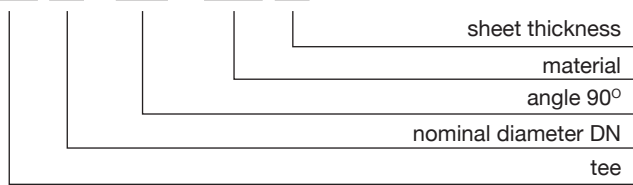


TR/90

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]	200	200	200	200	200	175	175.0	175.0
Weight [kg]	4.40	4.70	5.40	5.85	6.45	6.90	7.20	8.30

DENOTATIONS / PRODUCT CODES

TR x / 90 - CZ 2



MATERIALS

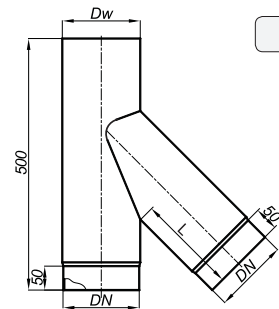
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

6. TEE 45° TR/45

PICTURE



MEASUREMENTS

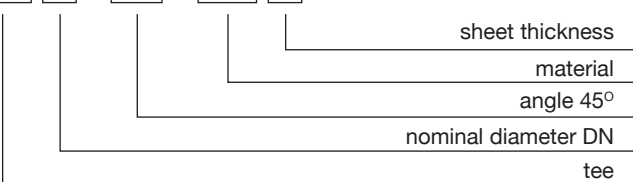


TR/45

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

DENOTATIONS / PRODUCT CODES

TR x / 45 - CZ 2



MATERIALS

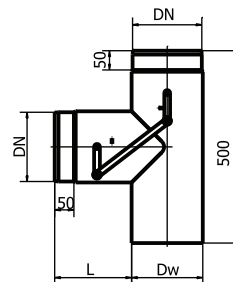
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

7. TWIN-FLOW TEE TRM

PICTURE



MEASUREMENTS

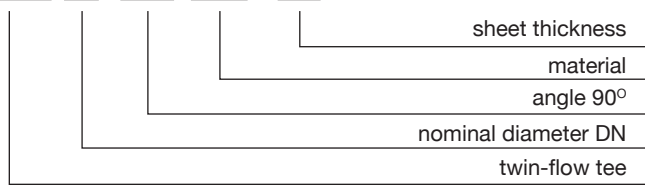


TRM

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]	200.0	200.0	200.0	200.0	200.0	175.0	180.0	120.0
Weight [kg]	4.90	5.30	6.10	6.50	7.35	7.95	7.55	8.70

DENOTATIONS / PRODUCT CODES

TRM x / 90 CZ - 2



MATERIALS

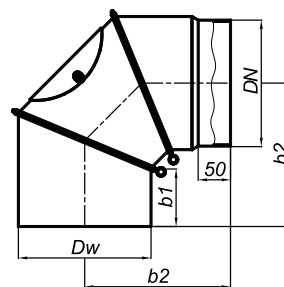
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

8. ADJUSTABLE ELBOW 90° WITH REVISION KNSR/90

PICTURE



MEASUREMENTS

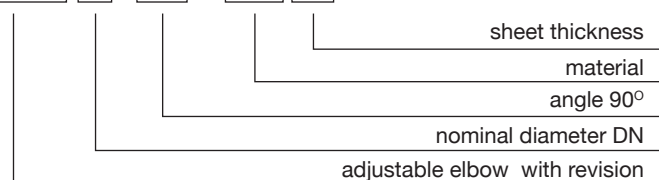


KNSR/90

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]	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

DENOTATIONS / PRODUCT CODES

KNSR x / 90 - CZ 2



MATERIALS

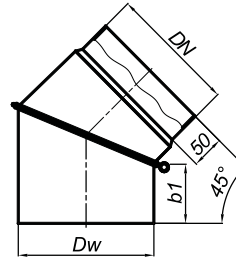
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

9. ADJUSTABLE ELBOW 45° KNS/45

PICTURE



MEASUREMENTS

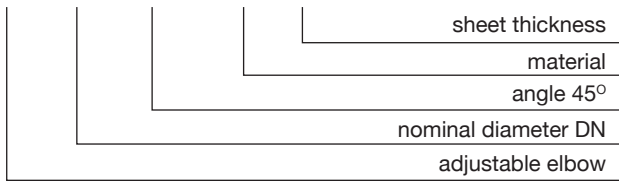


KNS/45

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]	84.0	86.0	85.0	85.0	82.0	73.0	83.0	83.0
Weight [kg]	1.80	1.90	2.10	2.20	2.35	2.50	3.30	3.30

DENOTATIONS / PRODUCT CODES

KNS x / **45** - **CZ** 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - Sheet thickness 2,0 mm

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

PICTURE



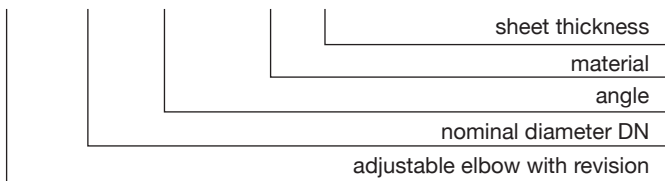
KNSR/UNI

MEASUREMENTS

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

DENOTATIONS / PRODUCT CODES

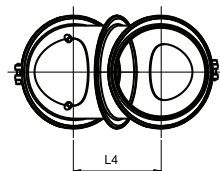
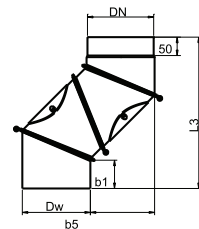
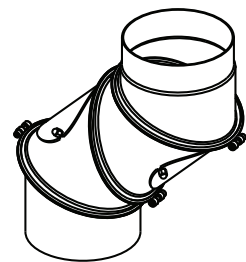
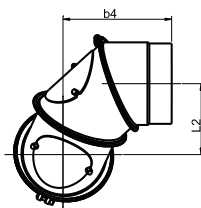
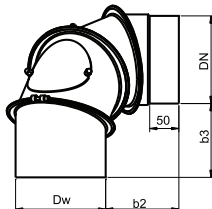
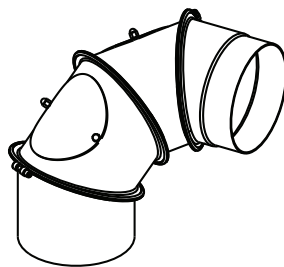
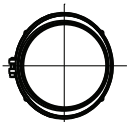
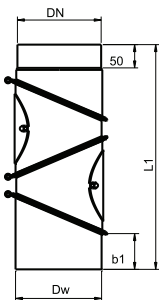
KNSR x / **UNI** - **CZ** 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - Sheet thickness 2,0 mm

AVAILABLE CONFIGURATIONS

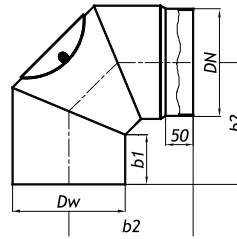


11. SOLID ELBOW 90° WITH REVISION KSR/90

PICTURE



MEASUREMENTS

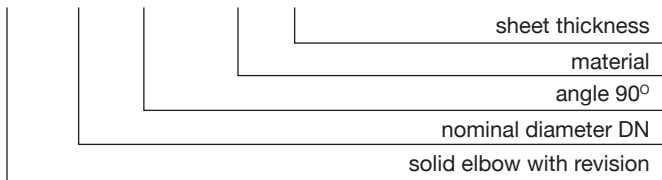


KSR/90

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]	145.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	220.0	220.0	235.5	235.0	235.0	235.0	310.0	310.0
Weight [kg]	2.80	3.00	3.40	3.60	4.10	4.50	6.0	6.80

DENOTATIONS / PRODUCT CODES

KSR x / **90** - **CZ** 2



MATERIALS

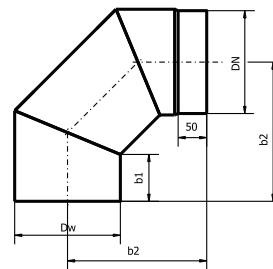
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

12. SOLID ELBOW 90° KS/90

PICTURE



MEASUREMENTS

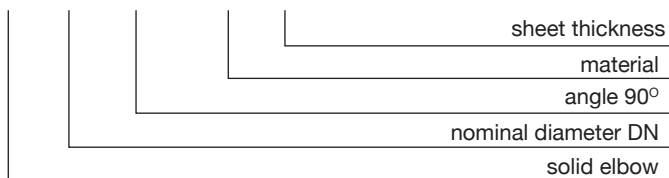


KS/90

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]	145.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
b2 [mm]	220.0	220.0	235.5	235.0	235.0	235.0	310.0	310.0
Weight [kg]	2.80	3.00	3.40	3.60	4.10	4.50	6.0	6.80

DENOTATIONS / PRODUCT CODES

KS x / **90** - **CZ** 2



MATERIALS

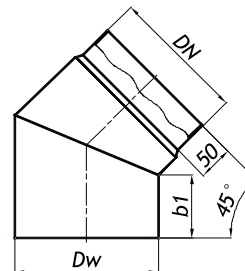
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

13. SOLID ELBOW 45°C KS/45

PICTURE



MEASUREMENTS

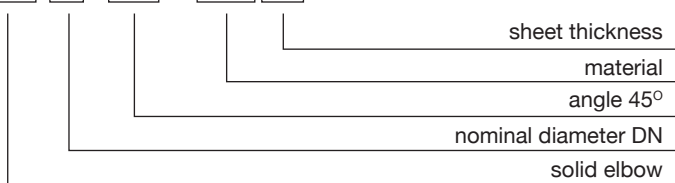


KS/45

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]	145.0	94.0	95.0	95.0	87.0	84.0	95.0	95.0
Weight [kg]	1.80	1.90	2.10	2.20	2.35	2.50	3.33	3.90

DENOTATIONS / PRODUCT CODES

KS x / 45 - CZ 2



MATERIALS

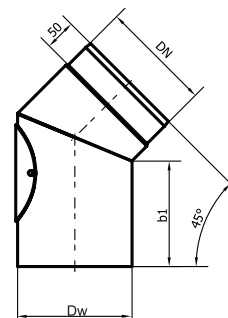
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

14. SOLID ELBOW 45°C WITH REVISION KSR/45

PICTURE



MEASUREMENTS

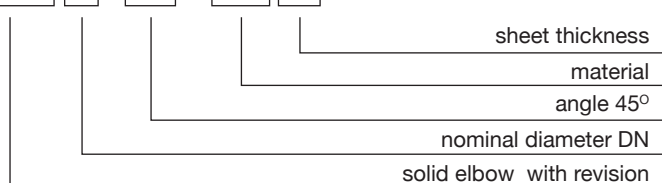


KSR/45

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
Weight [kg]	2.10	2.30	2.60	2.80	3.10	3.50	3.80	4.30

DENOTATIONS / PRODUCT CODES

KSR x / 45 - CZ 2



MATERIALS

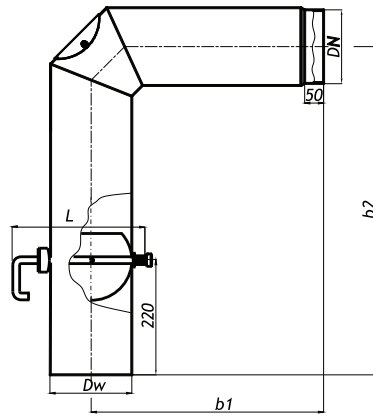
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

15. SOLID ELBOW WITH CHIMNEY DAMPER, BLOCKADE AND REVISION KSSR

PICTURE



MEASUREMENTS

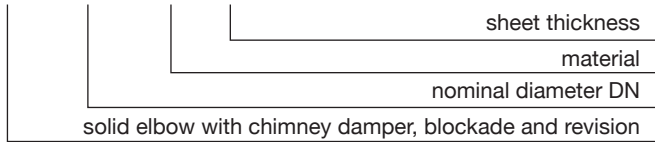


KSSR

Diameter DN	Ø120	Ø130	Ø150
Dw [mm]	121.0	131.0	151.0
b1 [mm]	433.5	437.5	443.5
b2 [mm]	637.5	632.5	622.5
L [mm]	193.0	203.0	223.0
Weight [kg]	6.60	7.20	8.30

DENOTATIONS / PRODUCT CODES

KSSR x - **CZ** 2



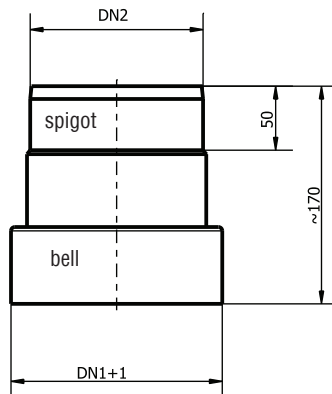
MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

16. REDUCERS RD

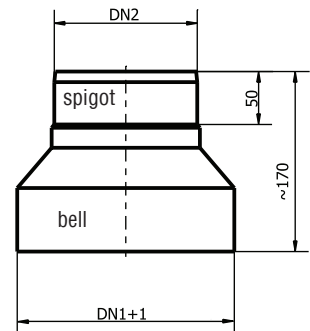
PICTURE

RD/I



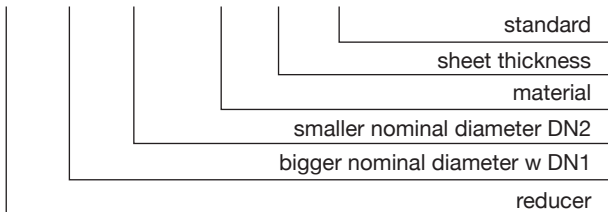
MEASUREMENTS

RD/I-S



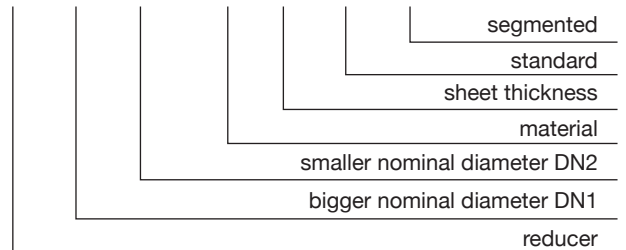
DENOTATIONS / PRODUCT CODES

RD x / y - **CZ** 2 / **I**



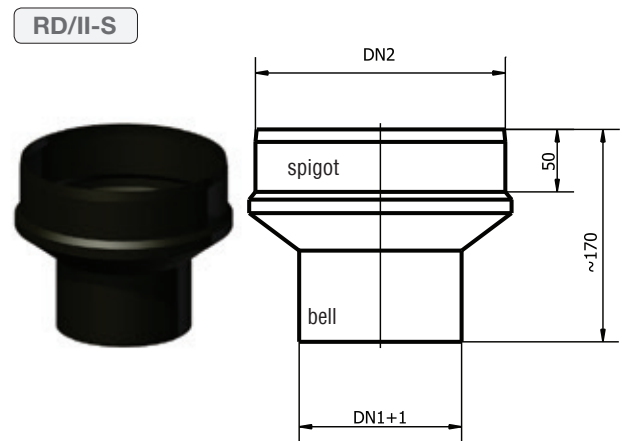
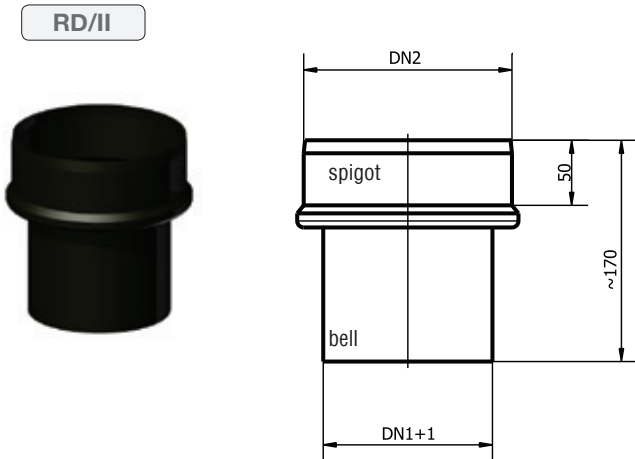
DENOTATIONS / PRODUCT CODES

RD x / y - **CZ** 2 / **I** - **S**

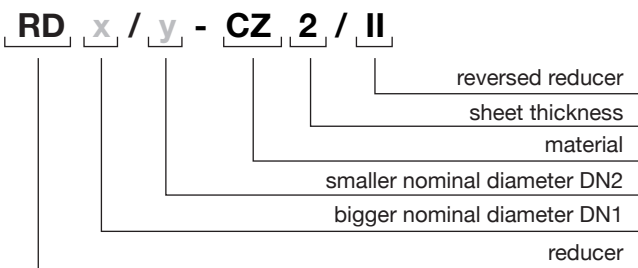


PICTURE

MEASUREMENTS



DENOTATIONS / PRODUCT CODES



DENOTATIONS / PRODUCT CODES

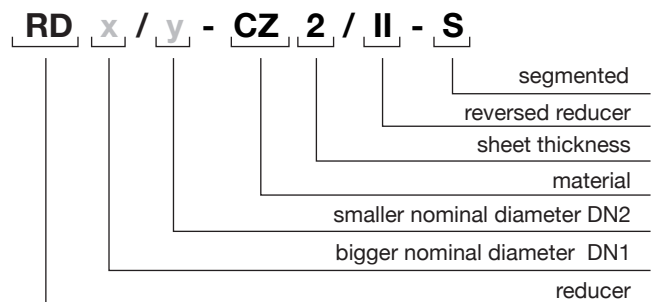


TABLE OF VERSIONS AND AVAILABLE DIAMETERS

DN 2

Diameter	Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
Ø120	-	RD-II	RD-II	RD-II	RD-II-S	RD-II-S	RD-II-S	RD-II-S
Ø130	RD-I	-	RD-II	RD-II	RD-II	RD-II-S	RD-II-S	RD-II-S
Ø150	RD-I	RD-I	-	RD-II	RD-II	RD-II	RD-II-S	RD-II-S
Ø160	RD-I	RD-I	RD-I	-	RD-II	RD-II	RD-II-S	RD-II-S
Ø180	RD-I-S	RD-I	RD-I	RD-I	-	RD-II	RD-II	RD-II-S
Ø200	RD-I-S	RD-I-S	RD-I	RD-I	RD-I	-	RD-II	RD-II
Ø220	RD-I-S	RD-I-S	RD-I-S	RD-I-S	RD-I	RD-I	-	RD-II
Ø250	RD-I-S	RD-I-S	RD-I-S	RD-I-S	RD-I-S	RD-I	RD-I	-

DN 1

MATERIAL

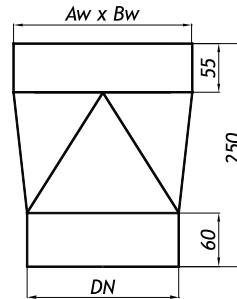
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

17. REDUCER RDKW

PICTURE



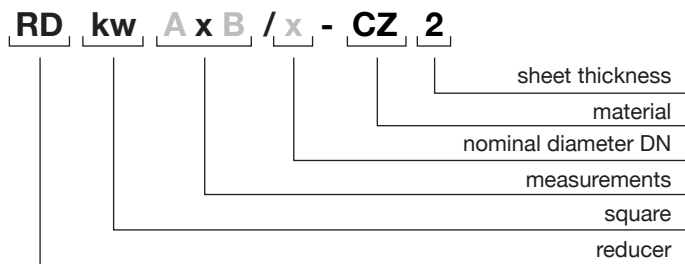
MEASUREMENTS



RDkw

MEASUREMENTS	162	192	135	142	142	122	150
Aw/Bw	162	192	135	142	162	122	150
Diameter DN	200	200	200	180	180	150	150
Weight [kg]	2.60	3.10	2.60	2.25	2.35	1.80	2.40

DENOTATIONS / PRODUCT CODES



MATERIALS

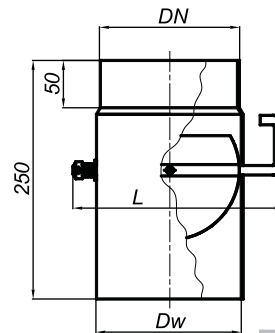
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

18. CHIMNEY DAMPER WITH SHORT HANDLE SZK

PICTURE



MEASUREMENTS

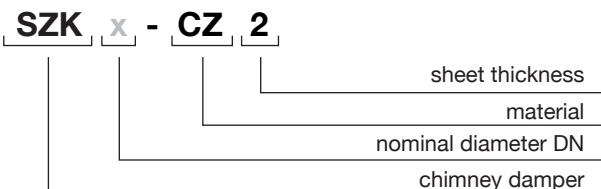


SZK

Chimney dampers are produced in versions:
- with long handle for diameters 180 and 200
- with short handle 120, 130, 150 and 160

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

DENOTATIONS / PRODUCT CODES

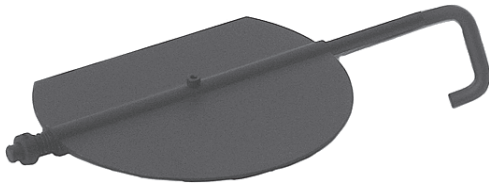


MATERIALS

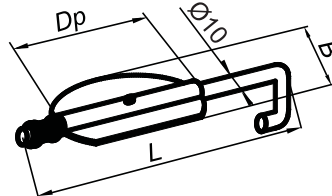
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

19. CHIMNEY DAMPER „DO IT YOURSELF” SET WITH SHORT HANDLE SZK-SET

PICTURE



MEASUREMENTS

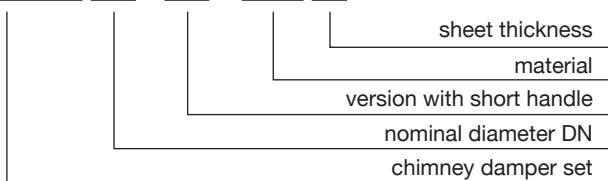


SZK-SET

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

DENOTATIONS / PRODUCT CODES

SZK-SET x - K - CZ 2



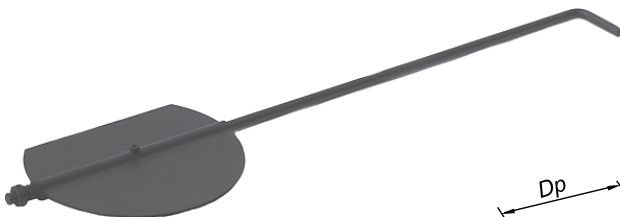
MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

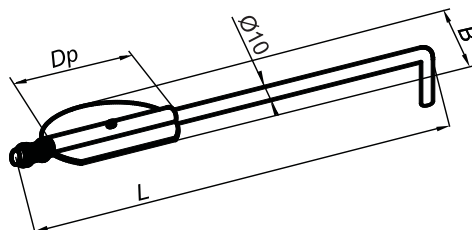
Chimney dampers are produced in versions:
 - with long handle for diameters 180 and 200
 - with short handle 120, 130, 150 and 160

20. CHIMNEY DAMPER „DO IT YOURSELF” SET WITH LONG HANDLE SZK-SET

PICTURE



MEASUREMENTS

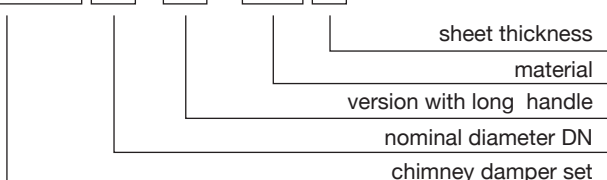


SZK-SET

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

DENOTATIONS / PRODUCT CODES

SZK-SET x - D - CZ 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

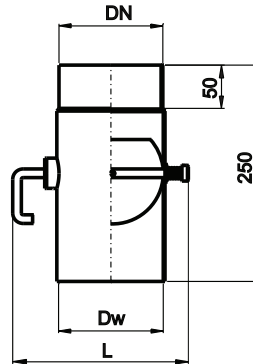
Chimney dampers are produced in versions:
 - with long handle for diameters 180 and 200
 - with short handle 120, 130, 150 and 160

21. CHIMNEY DAMPER WITH BLOCKADE SZKB

PICTURE



MEASUREMENTS

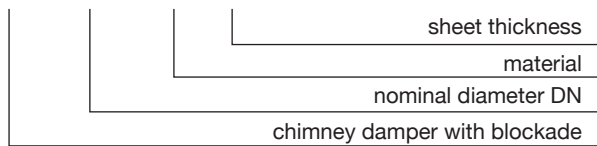


SZKB

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

DENOTATIONS / PRODUCT CODES

SZKB x - **CZ** 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

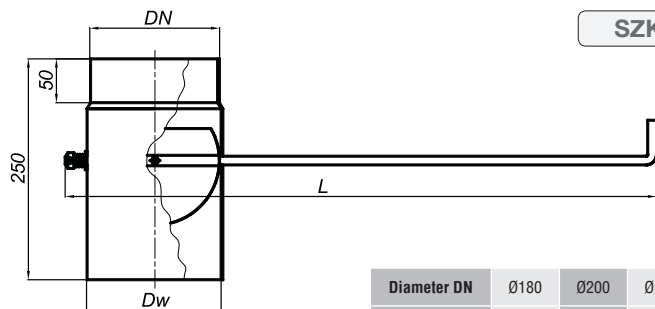
Chimney damper is produced in versions:
- with short handle 120, 130, 150 and 160

22. CHIMNEY DAMPER WITH LONG HANDLE SZK

PICTURE



MEASUREMENTS

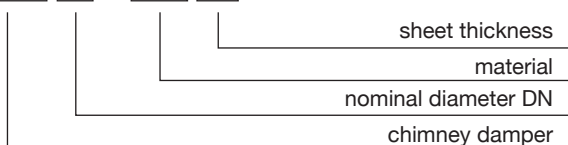


SZK

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

DENOTATIONS / PRODUCT CODES

SZK x - **CZ** 2



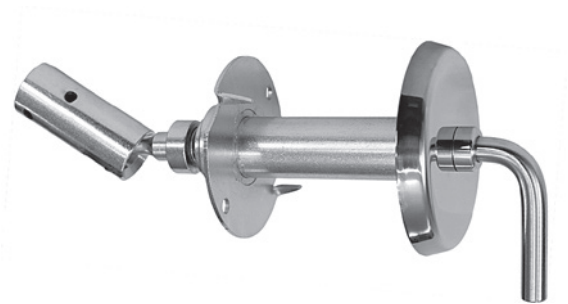
MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

Chimney damper is produced in versions:
- with long handle for diameters 180 and 200

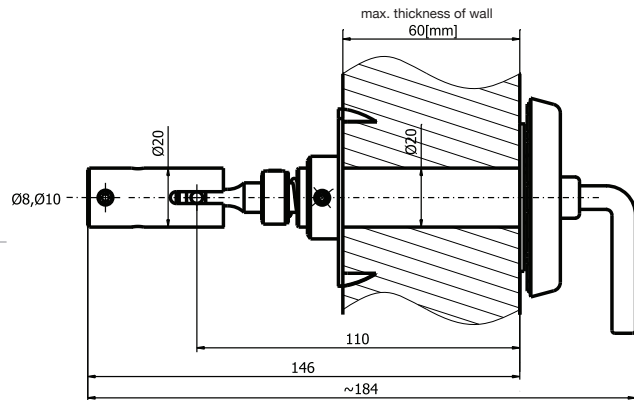
23. CHIMNEY DAMPER KNOB SZK-REG

PICTURE



MEASUREMENTS

SZK-REG



ADVANTAGES

- Allows to connect the damper in an angular fireplace hood
- Knob does not get hot during fireplace operation
- Aesthetic covering of the chimney damper knob
- Secures the damper min/max opening positions
- Has a possibility to set damper in 8 positions
- Suitable for chimney dampers with rod diameters: 8 and 10 mm

DENOTATIONS / PRODUCT CODES

SZK - REG



MATERIALS

Destination	-	-	-	W - ventilation ducts
	S	-	-	S - flue ducts
	-	-	D	D - smoke ducts
Material	CH	-	CH	CH - stainless steel 1.4301
	ML	-	ML	ML - stainless steel 1.4301 powder coated

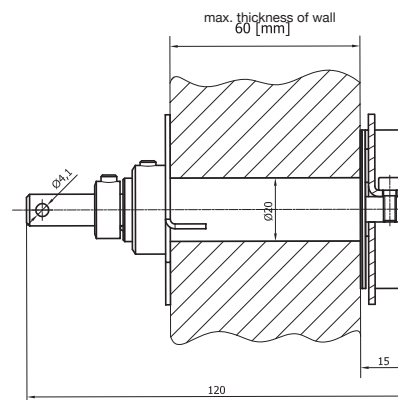
24. CHIMNEY DAMPER KNOB LIGHT SZK-REG-LIGHT

PICTURE



MEASUREMENTS

SZK-REG-LIGHT



ADVANTAGES

- Allows to connect the damper in angular fireplace hood (with usage of flexible shaft)
- Extreme damper positions are marked- „closed”(C) and „opened”(O)
- Creates an aesthetical covering of the chimney damper handle
- Secures the damper min/max opening positions
- Gives a possibility to set the damper in any position
- Dismountable front panel (allows easy finishing of fireplace hood, also under the damper knob front panel)
- Does not get meaningly hot during operation

DENOTATIONS / PRODUCT CODES

SZK - REG - LIGHT - B/CZ



MATERIALS

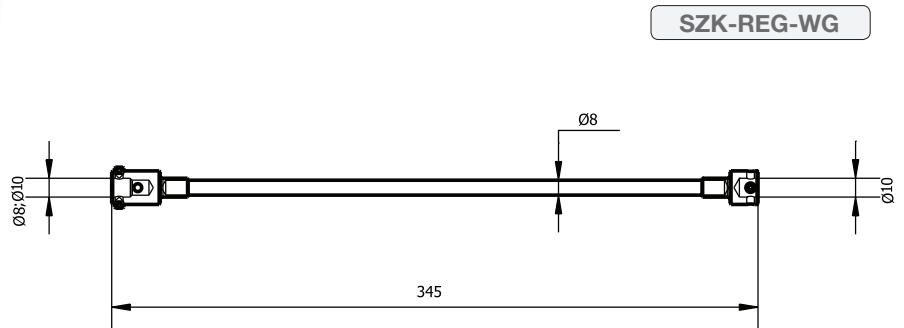
Destination	-	-	-	W - ventilation ducts
	S	-	-	S - flue ducts
	D	-	-	D - smoke ducts
Material	CZ	-	-	CZ - mild steel DC01 powder coated

25. FLEXIBLE SHAFT SZK-REG-WG

PICTURE



MEASUREMENTS



Compatible with chimney damper for diameter Ø 8 and Ø10 mm and knobs: SZK-REG and SZK-REG-LIGHT

DENOTATIONS / PRODUCT CODES

SZK - REG - WG

flexible shaft

MATERIALS

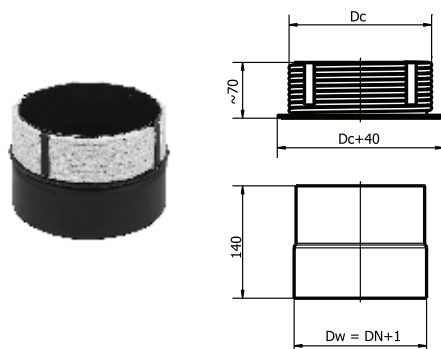
Destination	-	-	-	W - ventilation ducts
	S	-	-	S - flue ducts
	-	-	D	D - smoke ducts
Material	CZ	-	CZ	CZ - steel sheet (black)

26. WALL INSERT TO CERAMIC CHIMNEYS WKC; WKC-S

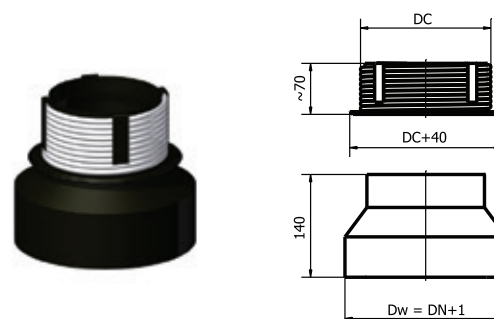
PICTURE

MEASUREMENTS

WKC

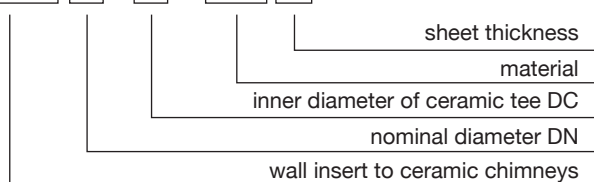


WKC-S



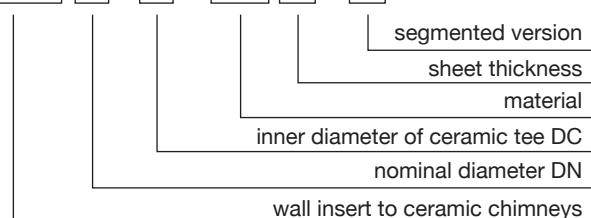
DENOTATIONS / PRODUCT CODES

WKC x / y - **CZ** 2



DENOTATIONS / PRODUCT CODES

WKC x / y - **CZ** 2 - **S**



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

TABLE OF VERSIONS AND AVAILABLE DIAMETERS

		DN								
		Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250	
DC	Ø120	WKC	WKC	WKC	WKC-S	WKC-S	WKC-S	WKC-S	WKC-S	
	Ø130	WKC	WKC	WKC	WKC-S	WKC-S	WKC-S	WKC-S	WKC-S	
	Ø140	WKC	WKC	WKC	WKC	WKC-S	WKC-S	WKC-S	WKC-S	
	Ø150	WKC	WKC	WKC	WKC	WKC	WKC-S	WKC-S	WKC-S	
	Ø160	WKC	WKC	WKC	WKC	WKC	WKC-S	WKC-S	WKC-S	
	Ø180	WKC	WKC	WKC	WKC	WKC	WKC	WKC-S	WKC-S	
	Ø200	WKC-S	WKC	WKC	WKC	WKC	WKC	WKC	WKC-S	
	Ø220	WKC-S	WKC-S	WKC	WKC	WKC	WKC	WKC	WKC-S	
	Ø250	WKC-S	WKC-S	WKC-S	WKC-S	WKC-S	WKC	WKC	WKC	

MATERIAL

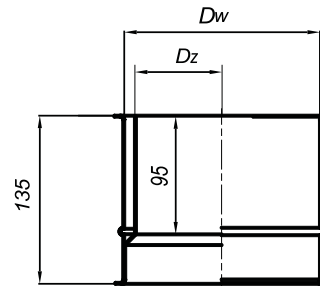
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

27. DOUBLE - WALLED WALL INSERT WD

PICTURE



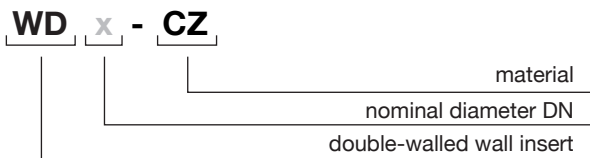
MEASUREMENTS



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	158.0	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

DENOTATIONS / PRODUCT CODES



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	8	8 - sheet thickness 0,8 mm

CAUTION!

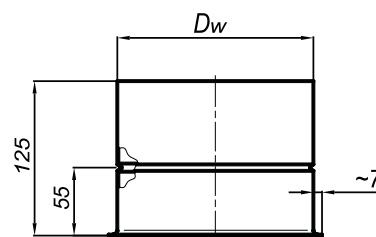
Double-walled insert is used to secure the connection of the SPK element to the chimney duct with metal insert.

28. SINGLE-WALLED WALL INSERT WJ

PICTURE



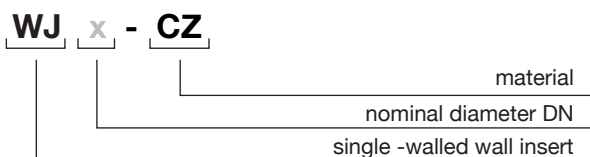
MEASUREMENTS



WJ

Diameter DN	Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
Dw [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

DENOTATIONS / PRODUCT CODES



MATERIALS

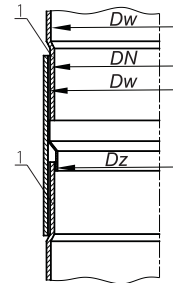
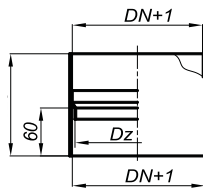
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	8	8 - sheet thickness 0,8 mm

29. FEMALE CONNECTOR WITH ANTI-CONDENSATION PROTECTION ZZ

PICTURE



MEASUREMENTS



ZZ

Fig. Diagram of connecting two straight pipes with the usage of ZZ female connector)

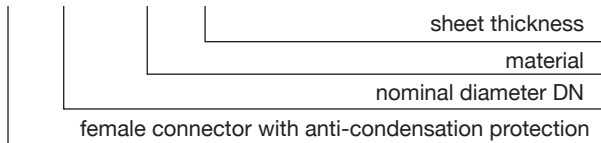
Diameter DN	Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
Dz [mm]	110.0	120.0	140.0	150.0	170.0	190.0	210.0	240.0
Weight [kg]	0.95	1.10	1.20	1.30	1.45	1.60	1.75	1.90

UWAGA!

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

DENOTATIONS / PRODUCT CODES

ZZ x - CZ 2



MATERIALS

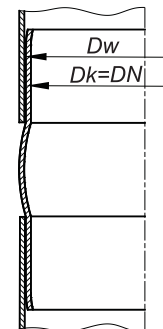
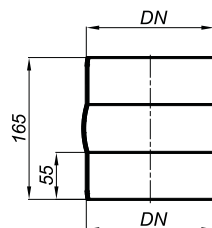
Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

30. MALE CONNECTOR ZM

PICTURE



MEASUREMENTS



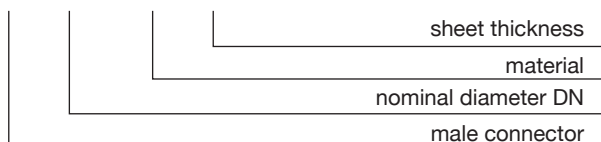
ZM

Fig. Diagram of connecting two straight pipes with the usage of ZM male connector)

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

DENOTATIONS / PRODUCT CODES

ZM x - CZ 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

CAUTION!

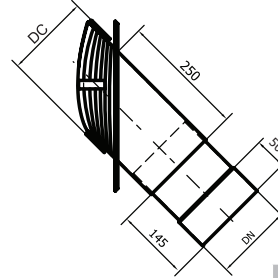
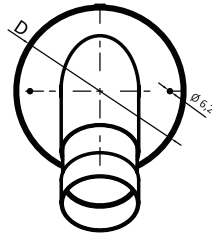
Male connector allows to connect the on site cut pipe elements to other elements of the SPK system.

31. TELESCOPIC WALL INSERT WITH CERAMIC ROPE TO CERAMIC CHIMNEYS WKK-CS

PICTURE



MEASUREMENTS



WKK-CS

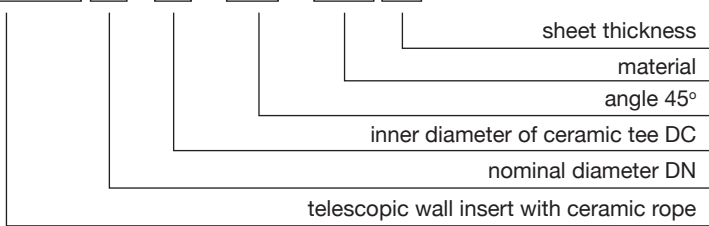
Diameter DN	Ø150	Ø150	Ø180
DC	180.0	200.0	200.0
D	340.0	360.0	360.0
Weight [kg]	2.95	3.20	3.20

CAUTION!
Other inserts upon individual order

DENOTATIONS / PRODUCT CODES

MATERIALS

WKK-CS x / y / 45 - CZ 2



Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

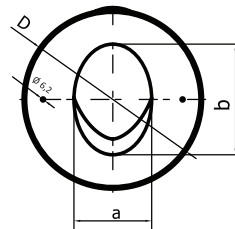
Telescopic wall insert allows to connect the stove/fireplace to the chimney at 45° angle.

32. ANGULAR WALL INSERT WITH CERAMIC ROPE WKK-KS

PICTURE



MEASUREMENTS



WKK-KS

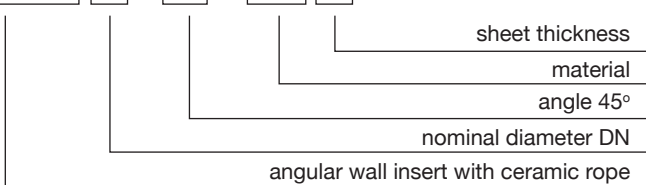
Diameter DN	Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
a [mm]	130.0	140.0	160.0	170.0	190.0	210.0	230.0	260.0
b [mm]	184.0	198.0	226.0	240.0	269.0	297.0	325.0	368.0
Diameter D	280	290	310	320	340	360	380	410
Weight [kg]	0.95	1.10	1.20	1.35	1.45	1.60	1.75	2.0

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

DENOTATIONS / PRODUCT CODES

MATERIALS

WKK-KS x / 45 - CZ 2

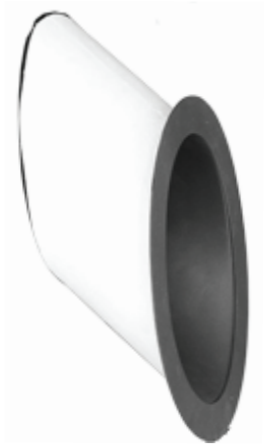


Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

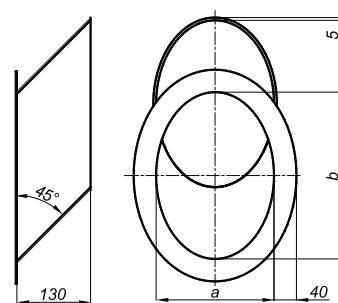
CAUTION!
The pipe element ending that is put into the WKK-KS wall insert should be cut at the proper angle, so the pipe does not go into chimney duct causing an obstruction.

33. ANGULAR WALL INSERT WITH INSULATION WKK

PICTURE



MEASUREMENTS



WKK

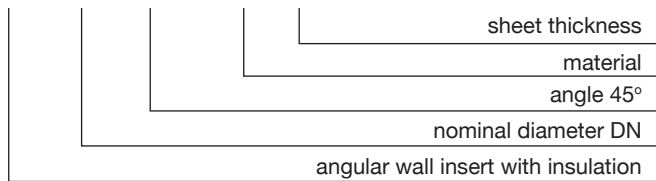
Diameter DN	Ø120	Ø130	Ø150	Ø160	Ø180	Ø200	Ø220	Ø250
a [mm]	130.0	140.0	160.0	170.0	190.0	210.0	230.0	260.0
b [mm]	184.0	198.0	226.0	240.0	269.0	297.0	325.0	368.0
Weight [kg]	0.95	1.10	1.20	1.35	1.45	1.60	1.75	1.90

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.

DENOTATIONS / PRODUCT CODES

WKK x / **45** - **CZ** 2



MATERIALS

Destination	D	D - smoke ducts
Material	CZ	CZ - mild steel DC01
Sheet thickness s	2	2 - sheet thickness 2,0 mm

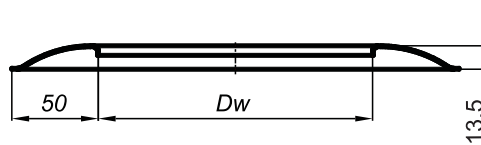
Angular wall insert allows to connect the stove to a chimney at 45° angle. Thermal insulation protects ceramic chimneys from damages caused by thermal expansion of metal elements.

34. ROSETTE ROZ

PICTURE



MEASUREMENTS

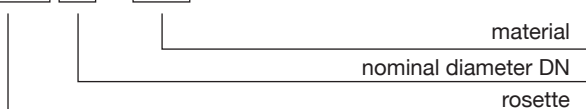


ROZ

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

DENOTATIONS / PRODUCT CODES

ROZ x - **CZ**



MATERIALS

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