

Isol



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Content – Isol

Circular duct



SRI 619

Bends



BUI 90° 620
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BUI 30° 622

Bends



BFUI 90° 623
BFUI 45° 624
BFUI 30° 625

Reducers



RCLUI 626
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T-piece



TCPUI 630
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NPUI 634

Female coupling



MFI 635

End caps



ESUI 636
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Dampers



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DRUI 639

Access doors



TRUI 640
ESHUI 641
EPFHUI 642

Sealing clamps



SVK 643
MFK 644

Take off



ILUI 645

General

ISOL is a complete pre-insulated duct system intended for both indoor and outdoor use, specially suitable when risk of condensation is present. The system is based on sheet steel inner and outer sheets with intermediate rock wool insulation.

Insulation

Insulation thickness is 25 or 50 mm.

The system can be delivered in other insulation thicknesses.

Inner sheath

Consists of hot dip galvanized steel sheet Z275.

Inner joints are with provided with Safe-gaskets which ensures a fast and airtight assembly without any need of extra treatment.

Outer sheath

Consists of hot dip galvanized steel sheet Z275. It can also be made in plastic coated galvanized steel sheet, aluminium, aluminiumzinc or stainless steel.

Thermal insulation

Inner and outer sheath with intermediate insulation ensures an efficient insulation against heat losses and a rigid strong duct system.

It is an universal solution to prevent condensation as the two sheaths each performs as moisture barriers, dependent of the field of application.

Joints

When installation is done outdoors, it is important to have a diffusion-proof outer sheath. For this reason, use the special sealing clamp SVK or MFK, which gives good mechanical strength and good sealing at the joints. The sealing material consists of long-life EPDM rubber.

Duct fixing

The ISOL-system is normally mounted on straps, in the same way as other duct systems.

Assembly

The assembly should be done according to the Assembly instructions.

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General

Heat/cold

Graphs of theoretically estimated power loss in a straight duct.

Prerequisites

Transported air $t_i = 20$ [°C]
 Heat transfer coefficient between outer sheath and surrounding air at 10 [m/s] $\alpha_y = 30-40$ [W/(m²·°C)]
 Ambient temperature $t_y = -20$ to $+20$ [°C]

Do like this:

1. Start with the insulation thickness t [mm]
 2. Continue with the temperature difference, Δt [°C], between the air in the duct and the surrounding.
 3. Go to the duct diameter, $\varnothing$ [mm].
 4. Find the specific power loss, P_l [W/m].
 5. Continue to the air flow, q [m³/s].
- Find the specific temperature drop, T_d [°C/m].

Example:

1. $t = 50$ mm and
2. $\Delta t = 30$ °C and
3. $\varnothing = 400$ mm yields
4. $P_l = 25$ W/m
5. $q = 0,1$ m³/s yields
6. $T_d = 0,208$ °C/m

Explanations:

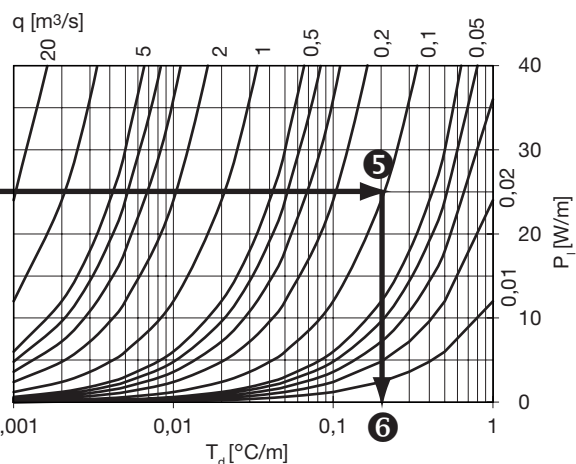
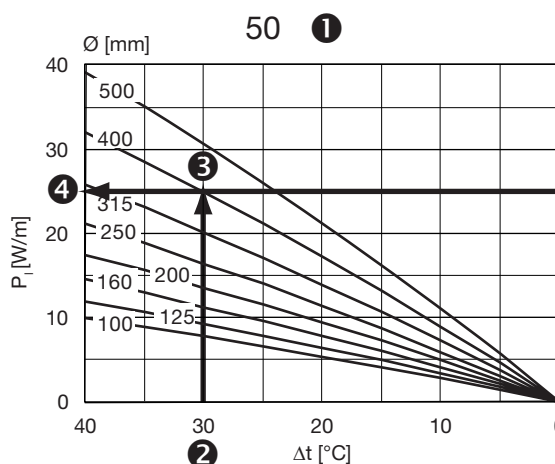
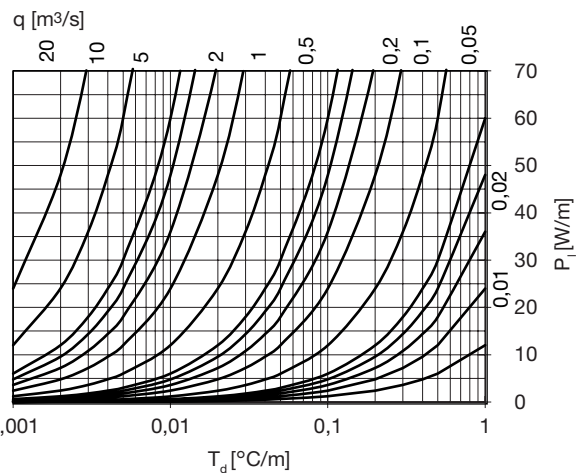
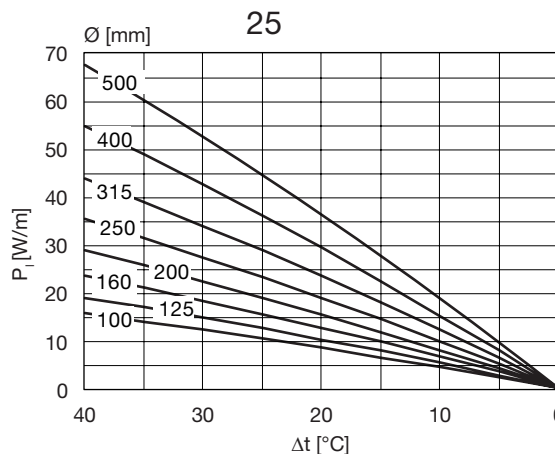
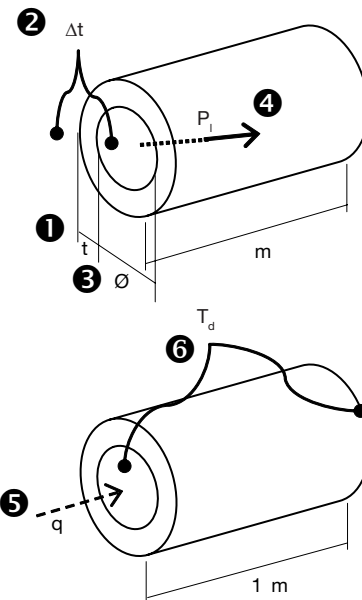
Δt = temperature difference, [°C]

$\varnothing$ = duct diameter, [mm]

P_l = specific power loss, [W/m]

q = air flow, [m³/s]

T_d = specific temperature drop, [°C/m]



Circular duct

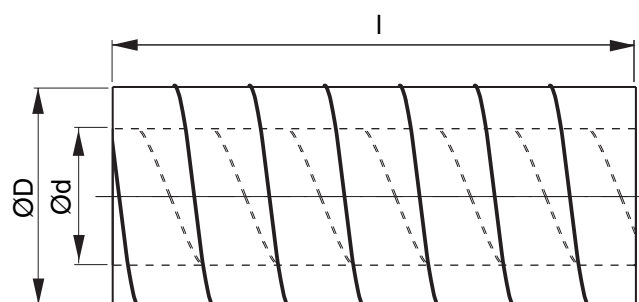
SRI



Description

Circular duct.

Dimensions



Ordering example

	SRI	250	3000	25
Product				
Dimension Ød				
Length l				
Insulation 25/50				

Dimensions

25 mm insulation.

Ød nom	ØD mm	m kg/m
100	150	4,20
125	180	5,10
140	200	5,30
150	200	5,70
160	200	6,10
180	224	6,80
200	250	7,40
224	280	8,30
250	300	9,80
280	355	11,0
300	355	12,5
315	355	13,1
355	400	14,6
400	450	16,4
450	500	17,4
500	560	22,1

50 mm insulation.

Ød nom	ØD mm	m kg/m
100	200	5,70
125	224	6,50
140	250	7,20
150	250	7,50
160	260	8,00
180	280	9,00
200	300	10,0
224	315	11,2
250	355	12,1
280	400	13,6
300	400	14,8
315	400	15,5
355	450	16,9
400	500	19,0
450	560	22,9
500	600	24,9

Bend

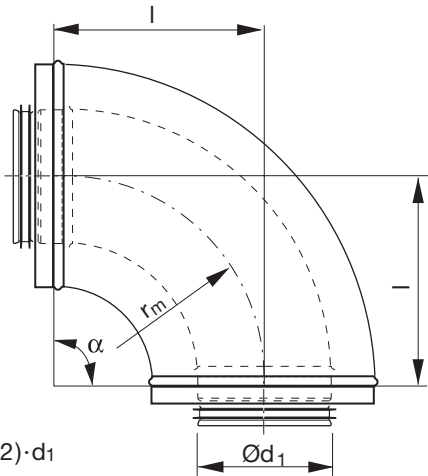
BUI 90°



Description

Bend with pressed outer casing.

Dimensions



$$r_m \approx (1-2) \cdot d_1$$

25 mm insulation.

O_{d_1} nom	l mm	m kg
100	150	1,70
125	180	2,40
150	200	3,10
160	200	3,60
200	250	5,10

50 mm insulation.

O_{d_1} nom	l mm	m kg
100	200	2,80
125	225	3,70
150	250	4,70

Ordering example

Product	BUI	200	90°	25
Dimension O_{d_1}				
Angle °				
Insulation 25/50				

Bend

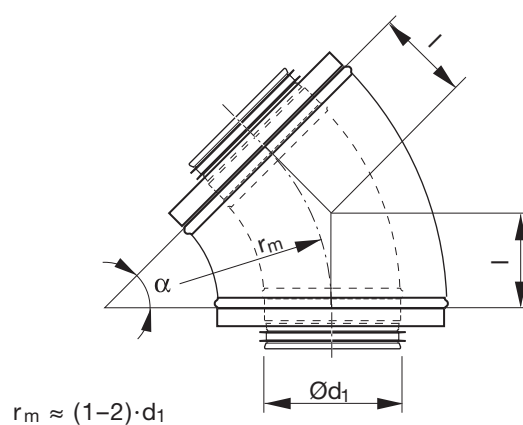
BUI 45°



Description

Bend with pressed outer casing.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg
100	62	1,20
125	73	1,40
150	83	1,90
160	83	2,10
200	104	2,80

50 mm insulation.

Ød ₁ nom	l mm	m kg
100	83	1,60
125	93	2,20
150	104	2,60

Ordering example

Product	BUI	200	45°	25
Dimension Ød ₁				
Angle °				
Insulation 25/50				

Bend

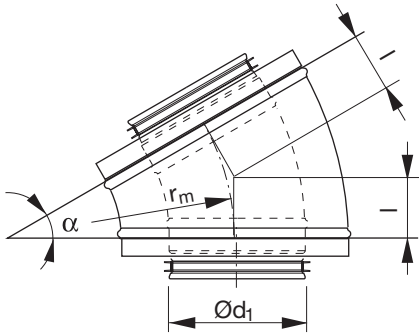
BUI 30°



Description

Bend with pressed outer casing.

Dimensions



$r_m \approx (0.8-2) \cdot d_1$

25 mm insulation.

Ød ₁ nom	l mm	m kg
100	40	0,90
125	47	1,20
150	54	1,40
160	67	1,60
200	67	2,60

50 mm insulation.

Ød ₁ nom	l mm	m kg
100	54	1,20
125	60	1,40
150	67	2,20

Ordering example

Product	BUI	200	30°	25
Dimension Ød ₁				
Angle °				
Insulation 25/50				

Bend

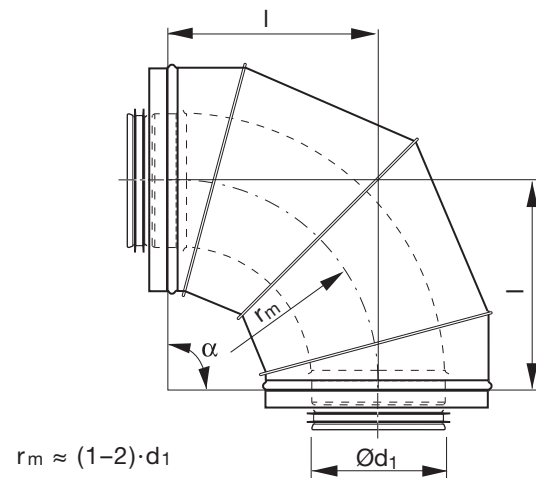
BFUI 90°



Description

The bend is double-jacketed and insulated with mineral wool, and is supplied with Safe rubber seal in the inner dimension. The inner bend is build in segments.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg
160	200	4,40
200	250	5,40
250	300	6,80
300	355	9,70
315	355	11,4
355	400	15,8
400	450	21,5
450	500	26,7
500	560	32,9

50 mm insulation.

Ød ₁ nom	l mm	m kg
160	260	5,80
200	300	7,30
250	355	8,90
300	400	12,5
315	400	14,7
355	450	20,6
400	500	25,3
450	560	31,8
500	600	38,9

Ordering example

Product	BFUI	250	90	25
Dimension Ød ₁				
Angle °				
Insulation 25/50				

Bend, isol

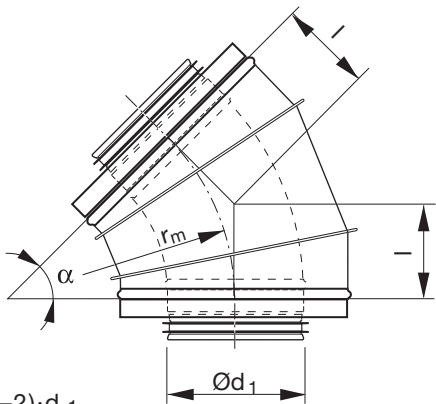
BFUI 45°



Description

The bend is double-jacketed and insulated with mineral wool, and is supplied with Safe rubber seal in the inner dimension. The inner bend is build in segments.

Dimensions



$$r_m \approx (1-2) \cdot d_1$$

25 mm insulation.

Ød ₁ nom	l mm	m kg
160	83	2,40
200	104	3,00
250	124	3,80
300	145	5,80
315	147	4,60
355	166	8,80
400	186	14,4
450	207	15,4
500	232	19,0

50 mm insulation.

Ød ₁ nom	l mm	m kg
160	108	3,40
200	124	4,20
250	147	5,10
300	166	7,30
315	166	8,60
355	186	12,0
400	207	14,4
450	232	18,2
500	249	22,3

Ordering example

Product	BFUI	250	45	25
Dimension Ød ₁				
Angle °				
Insulation 25/50				

Bend, isol

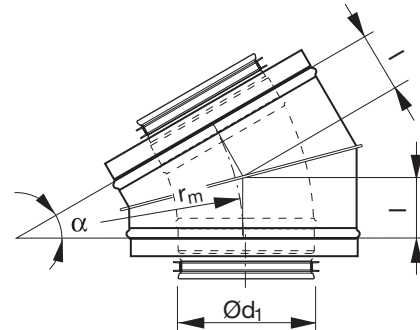
BFUI 30°



Description

The bend is double-jacketed and insulated with mineral wool, and is supplied with Safe rubber seal in the inner dimension. The inner bend is build in segments.

Dimensions



$$r_m \approx (0.8-2) \cdot d_1$$

25 mm insulation.

Ød nom	l mm	m kg
160	54	2,10
200	67	2,60
250	80	3,30
300	95	4,70
315	95	3,60
355	107	5,90
400	122	9,20
450	135	11,2
500	151	13,8

50 mm insulation.

Ød nom	l mm	m kg
160	70	2,90
200	80	3,60
250	95	4,20
300	107	5,40
315	107	6,30
355	122	8,80
400	134	10,7
450	150	13,2
500	161	16,0

Ordering example

Product	BUI	250	30	25
Dimension Ød ₁				
Angle °				
Insulation 25/50				

Reducer, long, isol

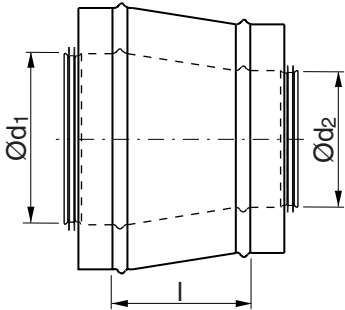
RCLUI



Description

Reduction, long, centric.

Dimensions



25 mm insulation.

Ød ₁ nom	Ød ₂ nom	l mm	m kg
125	100	71	1,20
150	100	99	1,30
150	125	58	1,40
160	100	99	1,40
160	125	58	1,50
200	100	167	2,00
200	125	126	2,10
200	150	99	2,20
200	160	99	2,30
250	100	236	2,80
250	125	195	2,50
250	150	167	2,60
250	160	167	2,70
250	200	99	2,70
300	100	310	3,80
300	125	270	3,70
300	150	243	3,00
300	200	174	3,10
300	250	106	3,30
315	100	310	4,20
315	125	270	4,10
315	150	243	4,00
315	160	243	4,10
315	200	174	3,70
315	250	106	3,40
355	100	377	5,40
355	125	337	5,20
355	150	310	5,10
355	200	241	4,00
355	250	172	4,20
355	300	97	4,30
355	315	97	4,30
400	100	439	7,20
400	125	402	7,00
400	150	378	6,50
400	200	310	6,10

Ordering example

	RCLUI	400	200	25
Product				
Dimension Ød ₁				
Dimension Ød ₂				
Insulation 25/50				

Reducer, long, isol

RCLUI

Ød ₁ nom	Ød ₂ nom	l mm	m kg
400	250	241	5,00
400	300	166	5,10
400	315	166	5,20
400	355	109	5,30
450	100	507	8,80
450	125	471	8,60
450	150	447	8,30
450	200	378	7,70
450	250	310	7,20
450	300	234	5,70
450	315	234	5,90
450	355	177	5,80
450	400	109	6,00
500	100	582	10,6
500	125	545	10,2
500	150	521	10,1
500	200	461	9,30
500	250	392	8,90
500	300	317	8,30
500	315	317	8,50
500	355	260	6,70
500	400	191	6,90
500	450	122	7,10

50 mm insulation.

Ød ₁ nom	Ød ₂ nom	l mm	m kg
125	100	63	1,90
150	100	99	2,40
150	125	66	2,50
160	100	99	2,60
160	125	66	2,50
200	100	167	2,90
200	125	135	3,00
200	150	99	3,20
200	160	99	3,40
250	100	243	3,90
250	125	210	4,00
250	150	174	4,20
250	160	174	4,40
250	200	106	4,40
300	100	310	4,70
300	125	277	4,50
300	150	241	5,00
300	200	172	5,10
300	250	97	5,30
315	160	310	6,60
315	200	277	5,90
315	250	241	5,40
355	100	378	6,40
355	125	346	6,10
355	150	310	5,90
355	200	241	5,70

Ød ₁ nom	Ød ₂ nom	l mm	m kg
355	250	166	6,00
355	300	109	6,20
400	100	447	7,70
400	125	414	7,70
400	150	378	7,40
400	200	310	6,90
400	250	234	6,90
400	300	177	7,10
400	315	177	7,10
400	355	109	7,30
450	100	521	10,1
450	125	492	9,80
450	150	461	9,60
450	200	392	8,90
450	250	317	8,30
450	300	260	8,20
450	315	260	8,50
450	355	191	8,40
450	400	122	8,60
500	100	576	11,7
500	125	547	11,6
500	150	516	10,9
500	200	447	10,5
500	250	372	9,80
500	300	315	9,40
500	315	315	9,80
500	355	246	8,40
500	400	177	8,80
500	450	95	9,10

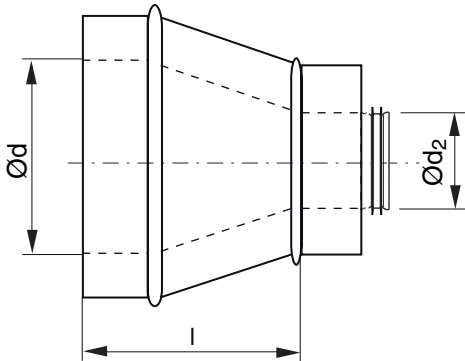
Reducer, long, female end, isol RCLFUI



Description

Reducer, long, centret, insulated.

Dimensions



25 mm insulation.

Ød nom	Ød ₂ nom	l mm	m kg
125	100	111	1,20
150	100	139	1,30
150	125	98	1,40
160	100	139	1,40
160	125	98	1,50
200	100	227	2,00
200	125	186	2,10
200	150	159	2,20
200	160	159	2,30
250	100	296	2,80
250	125	255	2,50
250	150	227	2,60
250	160	227	2,70
250	200	159	2,70
300	100	370	3,80
300	125	330	3,70
300	150	303	3,00
300	200	234	3,10
300	250	166	3,30
315	100	370	4,40
315	125	330	4,20
315	150	303	4,00
315	160	303	3,90
315	200	234	3,70
315	250	166	3,50
355	100	457	5,40
355	125	417	5,20
355	150	390	5,10
355	200	321	4,00
355	250	252	4,20
355	300	177	4,30
355	315	177	4,30
400	100	519	7,20
400	125	482	7,00
400	150	458	6,50
400	200	390	6,10

Ordering example

Product	RCLFUI	400	250	25
Dimension Ød ₁				
Dimension Ød ₂				
Insulation 25/50				

Reducer, long, female end, isol RCLFUI

Ød nom	Ød ₂ nom	l mm	m kg
400	250	321	5,00
400	300	246	5,10
400	315	246	5,20
400	355	189	5,30
450	100	587	8,80
450	125	551	8,60
450	150	527	8,30
450	200	458	7,70
450	250	390	7,20
450	300	314	5,70
450	315	314	5,90
450	355	257	5,80
450	400	189	6,00
500	100	662	10,6
500	125	625	10,2
500	150	601	10,1
500	200	541	9,30
500	250	472	8,90
500	300	397	8,30
500	315	397	8,50
500	355	340	6,70
500	400	271	6,90
500	450	202	7,10

50 mm insulation.

Ød nom	Ød ₂ nom	l mm	m kg
125	100	103	1,90
150	100	159	2,40
150	125	126	2,50
160	100	159	2,60
160	125	126	2,50
200	100	227	2,90
200	125	195	3,00
200	150	159	3,20
200	160	159	3,40
250	100	303	3,90
250	125	270	4,00
250	150	234	4,20
250	160	234	4,40
250	200	166	4,40
300	100	390	4,70
300	125	357	4,50
300	150	321	5,00
300	200	252	5,10
300	250	177	5,30
315	100	370	7,10
315	125	330	6,80
315	150	303	6,60
315	160	390	6,60
315	200	357	5,90
315	250	321	5,40
355	100	458	6,40

Ød nom	Ød ₂ nom	l mm	m kg
355	125	426	6,10
355	150	390	5,90
355	200	321	5,70
355	250	246	6,00
355	300	189	6,20
355	315	177	5,80
400	100	527	7,70
400	125	494	7,70
400	150	458	7,40
400	200	390	6,90
400	250	314	6,90
400	300	257	7,10
400	315	246	7,00
400	355	189	7,30
450	100	601	10,1
450	125	572	9,80
450	150	541	9,60
450	200	472	8,90
450	250	397	8,30
450	300	340	8,20
450	315	314	8,50
450	355	271	8,40
450	400	202	8,60
500	100	656	11,7
500	125	627	11,6
500	150	596	10,9
500	200	527	10,5
500	250	452	9,80
500	300	395	9,40
500	315	397	9,80
500	355	326	8,40
500	400	257	8,80
500	450	175	9,10

T-piece

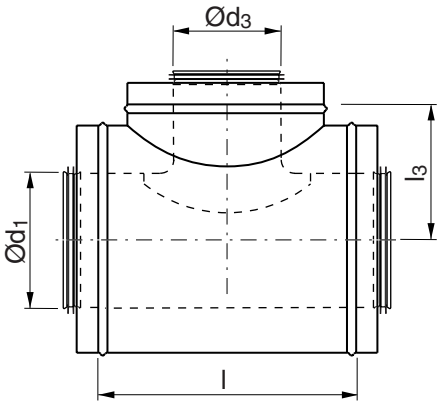
TCPUI



Description

Centric T-piece with pressed branch.

Dimensions



25 mm insulation.

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
100	100	260	95	1,80
125	100	260	110	1,90
125	125	285	115	2,40
150	100	260	120	2,30
150	125	285	125	2,70
150	150	281	125	3,00
160	160	249	125	3,20
200	100	255	145	3,30
200	125	306	150	3,50
200	150	306	150	3,60
200	200	307	150	4,70
250	100	255	170	4,10
250	125	306	175	4,60
250	150	306	175	5,10
250	200	350	175	6,10
250	250	430	175	5,80
300	100	255	198	5,00
300	125	306	203	5,60
300	150	306	203	5,80
300	200	350	203	6,90
300	250	430	203	8,00
315	100	255	198	5,50
315	125	306	203	6,30
315	150	306	203	6,40
315	200	350	203	7,20
315	250	430	203	8,50
355	100	255	220	6,20
355	125	306	225	6,60
355	150	300	225	6,80
355	200	350	225	8,00
355	250	430	225	9,10
400	100	255	245	7,60
400	125	306	250	8,20
400	200	350	250	9,60
400	250	430	250	11,1
400	355	510	250	14,0

Ordering example

	TCPUI	250	150	25
Product				
Dimension Ød ₁				
Dimension Ød ₃				
Insulation 25/50				

T-piece

TCPUI

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
450	100	350	275	9,30
450	125	350	275	9,50
450	150	350	275	10,3
450	200	350	275	11,3
450	250	430	275	12,4
450	355	510	275	14,5
500	100	255	305	10,1
500	125	306	305	10,5
500	200	400	305	12,2
500	250	403	305	13,2
500	450	552	320	16,8

50 mm insulation.

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
100	100	281	125	2,60
125	100	346	137	2,90
125	125	346	137	3,40
150	100	306	150	3,50
150	125	350	150	3,70
150	150	307	150	4,10
200	100	306	175	4,80
200	125	350	175	5,00
200	150	350	175	5,40
200	200	430	175	6,60
250	100	306	203	5,50
250	125	350	203	5,90
250	150	350	203	6,20
250	200	430	203	7,10
250	250	470	203	8,30
300	100	300	225	6,70
300	125	350	225	7,20
300	150	350	225	7,80
300	200	430	225	8,70
300	250	470	225	9,70
315	100	300	225	7,20
315	125	350	225	7,80
315	150	350	225	8,40
315	200	430	225	8,80
315	250	470	225	10,2
355	100	300	250	8,10
355	125	350	250	8,30
355	150	350	250	9,10
355	200	430	250	9,70
355	250	470	250	10,6
400	100	300	275	9,40
400	125	350	275	10,1
400	200	430	275	11,7
400	250	470	275	12,5
400	355	550	275	14,6
400	400	552	290	17,5
450	100	300	305	10,9
450	125	350	305	11,5

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
450	150	350	305	12,0
450	200	430	305	13,0
450	250	470	305	14,2
450	355	550	305	15,9
500	100	360	325	11,8
500	125	350	325	12,3
500	200	430	325	14,1
500	280	510	325	16,2

T-piece

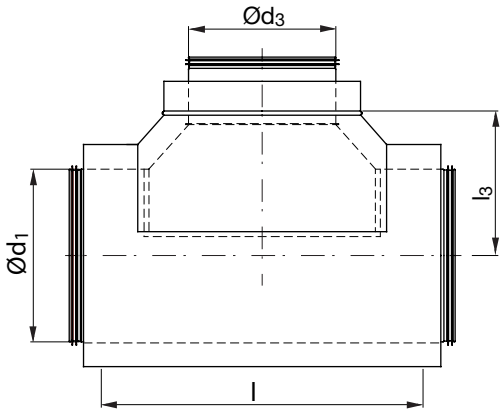
TCUI



Description

Centric T-piece with hand made branch.

Dimensions



25 mm insulation.

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
100	125	280	125	1,90
100	150	330	140	2,10
125	150	330	155	2,60
150	200	380	165	3,80
200	250	450	200	5,80
250	250	450	225	7,00
250	300	525	235	8,10
250	355	570	235	9,20
300	250	450	255	7,80
300	300	525	265	9,50
300	355	570	265	10,9
315	100	280	230	6,10
315	125	310	230	6,20
315	150	345	245	6,30
315	200	395	245	7,00
315	250	455	255	8,60
315	315	520	265	10,0
355	100	250	250	6,10
355	125	280	250	6,50
355	250	450	275	9,10
355	300	525	285	10,6
355	355	570	285	12,8
355	400	620	285	13,1
400	100	250	275	7,70
400	125	280	275	8,10
400	150	330	290	8,60
400	250	450	300	11,3
400	300	525	310	12,4
400	355	570	310	14,0
400	400	620	310	14,6
400	450	680	315	16,8
450	100	250	300	9,40
450	125	280	300	9,60

Ordering example

	TCUI	250	200	25
Product				
Dimension Ød ₁				
Dimension Ød ₃				
Insulation 25/50				

T-piece

TCUI

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
450	150	330	315	10,2
450	250	450	325	13,1
450	300	525	335	14,1
450	355	570	335	16,1
450	400	620	335	16,6
450	450	680	340	17,8
450	500	740	340	20,8
500	100	250	345	10,2
500	125	280	345	10,7
500	150	330	345	11,1
500	250	450	355	14,8
500	300	525	365	16,8
500	355	570	365	18,2
500	400	620	365	18,5
500	450	680	370	19,7
500	500	740	370	21,2

50 mm insulation.

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
100	125	355	165	2,90
100	150	380	165	3,00
125	150	380	180	4,00
150	200	450	200	5,20
200	200	450	225	6,50
200	250	525	235	7,60
250	200	450	255	7,20
250	250	525	265	9,40
250	300	570	265	9,90
250	355	620	265	11,1
300	200	450	275	9,50
300	250	525	285	11,1
300	300	570	285	12,4
300	355	620	285	12,9
315	100	345	265	7,60
315	125	240	265	7,80
315	150	395	265	7,90
315	200	455	275	8,80
315	250	520	285	10,8
315	315	565	285	12,5
355	200	450	300	10,8
355	250	525	310	12,2
355	300	570	310	13,4
355	355	620	310	15,1
355	400	680	315	16,4
400	125	355	315	10,2
400	150	380	315	10,8
400	200	450	325	12,3
400	250	525	335	13,8
400	300	570	335	15,2

Ød ₁ nom	Ød ₃ nom	l mm	l ₃ mm	m kg
400	355	620	335	17,2
400	400	680	340	18,7
400	450	740	340	19,8
450	125	355	345	11,8
450	150	380	345	12,1
450	200	450	355	14,2
450	250	525	365	16,2
450	300	570	365	17,4
450	355	620	365	19,5
450	400	680	370	20,3
450	450	740	370	22,9
450	500	780	370	23,7
500	125	355	365	12,8
500	150	380	365	12,9
500	200	450	375	15,1
500	250	525	385	17,6
500	300	570	385	18,5
500	355	620	385	23,1
500	400	680	390	24,8
500	450	740	390	26,3
500	500	780	390	27,6

Coupling

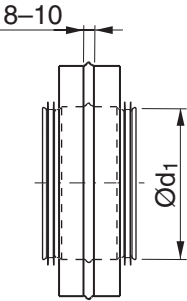
NPUI



Description

Coupling for joining of SRI ducts.

Dimensions



25 mm insulation.

Ød ₁ nom	m kg
100	0,40
125	0,60
150	0,70
160	0,75
200	0,90
250	1,20
300	1,40
315	1,60
355	2,20
400	2,90
450	3,20
500	3,70

50 mm insulation.

Ød ₁ nom	m kg
100	0,50
125	0,60
150	0,80
160	0,75
200	1,10
250	1,40
300	2,00
315	1,60
355	2,20
400	3,10
450	3,40
500	3,80

Ordering example

Product	NPUI	250	25
Dimension Ød ₁			
Insulation 25/50			

Female coupling

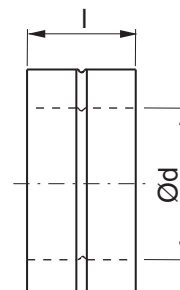
MFI



Description

Female coupling for joining of fittings.

Dimensions



25 mm insulation.

Ød nom	l mm	m kg
100	170	0,65
125	170	0,90
150	170	1,00
160	170	1,10
200	170	1,30
250	170	1,70
300	170	1,90
315	170	2,00
355	210	2,90
400	210	3,70
450	210	4,10
500	210	4,70

50 mm insulation.

Ød nom	l mm	m kg
100	170	0,80
125	170	0,90
150	170	1,20
160	170	1,30
200	170	1,60
250	170	2,00
300	210	2,60
315	210	2,70
355	210	2,80
400	210	4,00
450	210	4,30
500	210	4,80

Ordering example

Product	MFI	250	25
Dimension Ød			
Insulation 25/50			

End cap

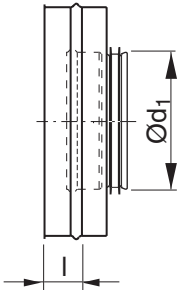
ESUI



Description

End cap which fits inside a duct.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg
100	25	0,40
125	25	0,50
150	25	0,60
160	25	0,70
200	25	1,00
250	25	1,50
300	25	2,10
315	25	2,20
355	25	2,60
400	25	3,20
450	25	3,80
500	25	4,20

50 mm insulation.

Ød ₁ nom	l mm	m kg
100	50	0,60
125	50	0,70
150	50	1,00
160	50	1,10
200	50	1,30
250	50	2,10
300	50	2,30
315	50	2,60
355	50	3,30
400	50	3,50
450	50	4,50
500	50	4,90

Ordering example

Product	ESUI	250	25
Dimension Ød ₁			
Insulation 25/50			

Access door

EPFUI



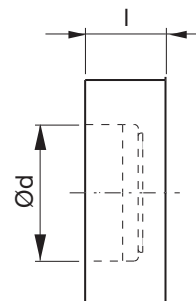
Description

End cap which fits outside a fitting.

Belongs to the Isol programme range.

Can achieve maximum tightness class D.

Dimensions



25 mm insulation.

Ød nom	l mm	m kg
100	70	0,50
125	70	0,60
150	70	0,75
160	70	0,83
200	70	1,03
250	90	1,71
300	90	2,16
315	90	2,29
355	90	3,00
400	110	3,81
450	110	4,30
500	110	5,40

50 mm insulation.

Ød nom	l mm	m kg
100	90	0,73
125	90	0,88
150	90	1,06
160	90	1,13
200	90	1,41
250	110	2,24
300	110	2,90
315	110	2,94
355	110	3,80
400	130	4,71
450	130	5,30
500	130	6,55

Ordering example

Product	EPFUI	250	25
Dimension Ød			
Insulation 25/50			

Damper, shut-off

DSUI

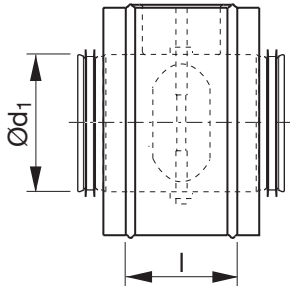


Description

Shut-off damper, insulated.

Technical data according to DSU.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg	Sealing class past closed blade
100	100	1,00	0
125	100	1,10	0
150	100	1,30	0
160	100	1,40	0
200	100	1,80	0
250	100	2,50	0
300	100	2,90	0
315	100	3,10	0
355	100	3,60	0
400	100	4,30	0
450	100	5,30	0
500	115	6,20	0

50 mm insulation.

Ød ₁ nom	l mm	m kg	Sealing class past closed blade
100	100	1,10	0
125	100	1,30	0
150	100	1,60	0
160	100	1,70	0
200	100	2,20	0
250	100	2,80	0
300	100	3,20	0
315	100	3,40	0
355	100	4,00	0
400	100	4,70	1
450	100	5,80	1
500	115	6,50	1

Ordering example

Product	DSUI	250	25
Dimension Ød ₁			
Insulation 25/50			

Damper

DRUI

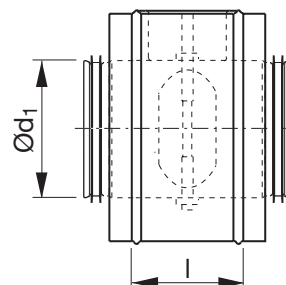


Description

Regulating damper, insulated.

Technical data according to DRU.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg	Sealing class past closed blade
100	100	1,00	0
125	100	1,10	0
150	100	1,30	0
160	100	1,40	0
200	100	1,80	0
250	100	2,50	0
300	100	2,90	0
315	100	3,10	0
355	100	3,60	0
400	100	4,30	0
450	115	5,30	0
500	115	6,20	0

50 mm insulation.

Ød ₁ nom	l mm	m kg	Sealing class past closed blade
100	100	1,10	0
125	100	1,30	0
150	100	1,60	0
160	100	1,70	0
200	100	2,20	0
250	100	2,80	0
300	100	3,20	0
315	100	3,40	0
355	100	4,00	0
400	100	4,70	0
450	115	5,80	0
500	115	6,50	0

Ordering example

Product	DRUI	250	25
Dimension Ød ₁			
Insulation 25/50			

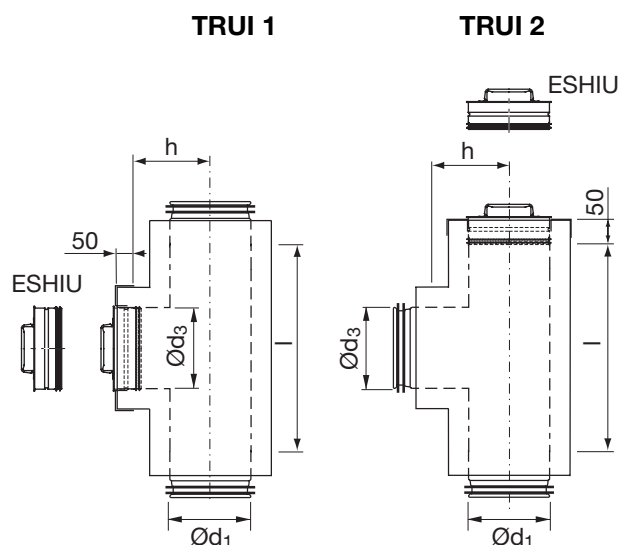
T-piece, cleaning

TRUI

**Description**

Insulated T-piece with optional placing of access door.

For indoor use only.

Dimensions**Ordering example**

Product	TRUI1	250	200	25
Dimension Ød_1				
Dimension Ød_3				
Insulation 25/50				

Dimensions

25 mm insulation.

Ød nom	Ød_3 nom	l mm	h mm	m kg
100	100	260	95	2,10
125	100	260	110	2,20
125	125	285	115	2,80
150	100	260	120	2,60
150	125	285	125	3,10
150	150	281	125	3,50
200	100	255	145	3,60
200	125	306	150	3,80
200	150	306	150	5,20
200	200	307	150	5,70
250	100	255	170	4,40
250	125	306	175	5,00
250	150	306	175	5,70
250	200	350	175	7,10
250	250	450	225	8,50
300	100	255	198	5,30
300	125	306	203	6,00
300	150	306	203	6,40
300	200	350	203	7,80
355	150	300	225	7,40
355	200	350	225	8,90
400	200	350	250	10,5
450	200	350	275	12,2
500	200	400	305	13,1

50 mm insulation.

Ød nom	Ød_3 nom	l mm	h mm	m kg
100	100	281	125	2,90
125	100	346	137	3,20
125	125	346	137	4,40
150	100	306	150	3,80
150	125	350	150	4,10
150	150	307	150	4,70
200	100	306	175	5,10
200	125	350	175	5,40
200	150	350	175	6,00
200	200	450	225	7,50
250	100	306	203	5,80
250	125	350	203	6,30
250	150	350	203	7,00
250	200	450	255	8,20
250	250	525	265	11,0

Access door

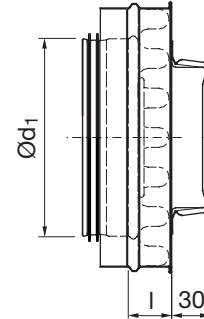
ESHUI



Description

Cleaning cover with handle, insulated.

Dimensions



25 mm insulation.

Ød ₁ nom	l mm	m kg
100	40	0,50
125	40	0,60
150	40	0,70
160	40	0,80
200	40	1,10
250	40	1,60
300	40	2,20
315	40	2,30
355	40	2,70
400	40	3,00
450	40	3,90
500	40	4,30

50 mm insulation.

Ød ₁ nom	l mm	m kg
100	60	0,70
125	60	0,80
150	60	1,10
160	60	1,20
200	60	1,40
250	60	2,20
300	60	2,40
315	60	2,70
355	60	3,40
400	60	3,60
450	60	4,80
500	60	5,00

Ordering example

Product	ESHUI	160
Dimension Ød ₁		

Access door

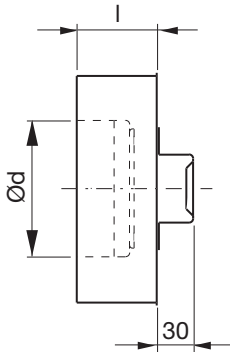
EPFHUI



Description

Cleaning cover with handle, insulated.

Dimensions



25 mm insulation.

Ød nom	l mm	m kg
100	70	0,60
125	70	0,70
150	70	0,85
160	70	0,93
200	70	1,10
250	90	1,81
300	90	2,26
315	90	2,39
355	90	3,10
400	110	3,91
450	110	4,40
500	110	5,50

50 mm insulation.

Ød nom	l mm	m kg
100	100	0,83
125	100	0,98
150	100	1,16
160	100	1,23
200	100	1,51
250	115	2,34
300	115	3,00
315	115	3,04
355	115	3,90
400	140	4,81
450	140	5,40
500	140	6,65

Ordering example

Product	EPFHUI	200	25
Dimension Ød			
Insulation thickness			

Sealing clamp

SVK



Description

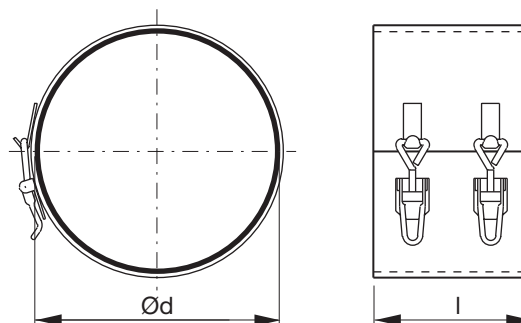
Removable sealing clamp to be installed outside the outer sheath.

The inside of the sealing clamp is covered with a thick layer of cellular EPDM rubber.

The table below specifies the sealing clamp SVK, with diameter d , which is used on each nominal diameter d_1 , of Isol.

Isol $\text{Ø}d_1$ nom	Use SVK $\text{Ø}d$
100	200
125	224
160	260
200	300
250	355
315	415
400	500
500	600

Dimensions



$\text{Ø}d$ nom	l mm	m kg
80 *	130	0,30
100 *	130	0,34
125 *	130	0,40
160	130	0,46
180	130	0,52
200	130	0,59
224	130	0,75
250 *	190	0,94
260	190	0,98
300	190	1,12
315	190	1,17
355	190	1,30
375	190	1,35
400 *	250	1,42
415	250	1,49
460	250	1,60
500	250	1,75
560	250	2,00
600	250	2,20

* Only used in the Safe programme

Ordering example

Product	SVK	315
Dimension $\text{Ø}d$		

Sealing clamp

MFK

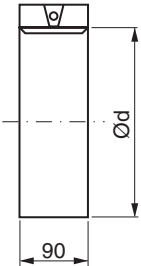


Description

The inside of the sealing clamp is clad with longlife resistant EPDM rubber.

Used for sealing joints on slide-on stub PTR and saddle PSVTR.

Dimensions



Ød mm	m kg
80	0,30
100	0,30
125	0,40
140	0,40
150	0,50
160	0,50
180	0,50
200	0,50
224	0,60
250	0,60
300	0,60
315	0,70
350	0,70
400	0,80
450	1,10
500	1,20

Ordering example

Product	MFK	200
Dimension Ød		

Take-off

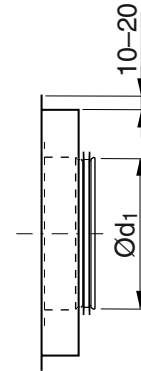
ILUI



Description

Take-off with radius 2–4 mm.

Dimensions



25 mm insulation.

Ød ₁ nom	m kg
100	0,24
125	0,28
150	0,37
160	0,45
200	0,47
250	0,68
300	0,91
315	0,95
355	1,30
400	1,37
450	1,54
500	1,79

50 mm insulation.

Ød ₁ nom	m kg
100	0,32
125	0,37
150	0,50
160	0,60
200	0,70
250	0,81
300	1,10
315	1,20
355	1,40
400	1,58
450	1,80
500	2,04

Ordering example

Product	ILUI	160	25
Dimension Ød ₁			
Insulation 25/50			