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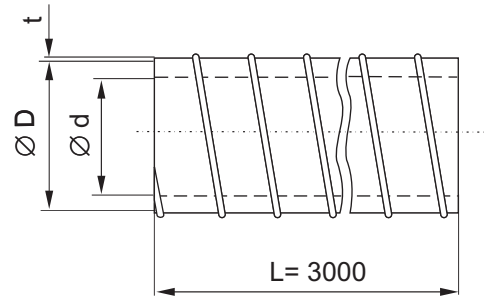
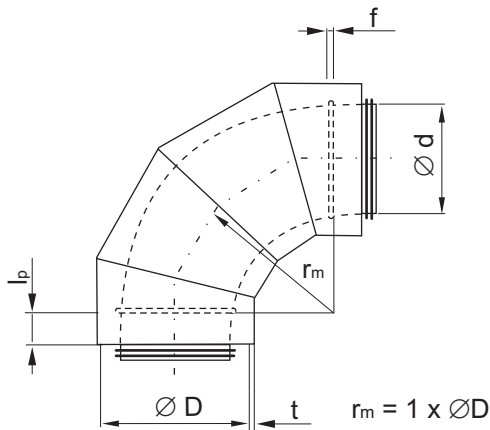


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Introduction



Dimension tolerances for couplings*

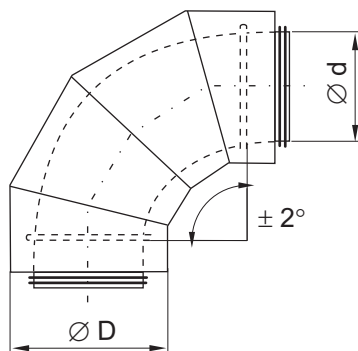
Ø d [mm]	Tolerance [mm]	l _p [mm]	t [mm]	f [mm]
63	61,8-62,3	40	0,6	6
80	78,8-79,3	40	0,6	6
100	98,8-99,3	40	0,6	6
125	123,8-124,3	40	0,6	6
140	138,7-139,3	40	0,6	6
150	148,7-149,3	40	0,6	6
160	158,7-159,3	40	0,6	6
180	178,6-179,3	40	0,6	6
200	198,6-199,3	40	0,6	6
224	222,5-223,3	40	0,6	6
250	248,5-249,3	60	0,6	6
280	278,4-279,3	60	0,6	6
300	298,4-299,3	60	0,6	6
315	313,4-314,3	60	0,7	6
355	353,3-354,3	60	0,7	8
400	398,3-399,3	80	0,7	8
450	448,2-449,3	80	0,7	8
500	498,2-499,3	80	0,7	8
560	558,1-559,3	80	0,7	8
600	598,1-599,3	80	0,7	8
630	628,1-629,3	80	0,9	8
710	708,0-709,3	100	0,9	12
800	798,0-799,3	100	0,9	12
900	897,9-899,3	100	1,1	12
1000	997,9-999,3	100	1,1	12
1120	1117,8-1119,3	120	1,1	12
1250	1247,8-1249,3	120	1,1	12
1400	1395,8-1398,4	120	1,1	14

Dimension tolerances for ducts *

Ø d [mm]	Tolerance [mm]	t [mm]
63	63,0-63,5	0,50
80	80,0-80,5	0,50
100	100,0-100,5	0,60
125	125,0-125,5	0,60
140	140,0-140,5	0,60
150	150,0-150,6	0,60
160	160,0-160,6	0,60
180	180,0-180,6	0,60
200	200,0-200,7	0,60
224	224,0-224,7	0,60
250	250,0-250,8	0,60
280	280,0-280,8	0,60
300	300,0-300,9	0,60
315	315,0-315,9	0,80
355	355,0-355,9	0,80
400	400,0-401,0	0,80
450	450,0-451,0	0,80
500	500,0-501,1	0,80
560	560,0-561,1	0,80
600	600,0-601,2	0,80
630	630,0-631,2	1,00
710	710,0-711,4	1,00
800	800,0-801,6	1,00
900	900,0-901,8	1,00
1000	1000,0-1002,0	1,00
1120	1120,0-1122,2	1,00
1250	1250,0-1252,5	1,00

* - according to PN-B-03434 and PN-EN 1506

Introduction



Tolerances

Length L, H [mm]	Tolerance [mm]
0 - 250	± 10
280 - 400	± 15
450 - 710	± 20
800 - 1600	± 25

Product marking normally includes the first letters of a product name, e.g.: Insulated straight spiral duct OPPSI.

Components are insulated with mineral wool with a thickness from 10 to 17.5 mm. Diameters of internal ducts are selected as per the series of types.

All components are equipped with a gasket. It is located at the internal duct. The components are normally made of galvanised sheet 1.0226 (DX51D+Z275 MA-C) acc. to PN-EN 10142.

The weight of zinc coating is 275 g/m². If the ordered components are made of this material, we do not provide any marking in the purchase order.

Products made of stainless steel are generally made of cold rolled sheets marked as 1.4301 (X5CrNi18-10) acc. to PN-EN 10088. In case of products made of stainless steel of another grade, please provide the material marks instead of the "mat." symbol.

Aluminium fittings are made of sheet 5754 (AlMg3) acc. to PN-EN 573.

The insulation is made of ISOVER Ultimate U MFN wool.

In the case of requests concerning different material of the jacket or internal duct, or painting of the duct inner side, please provide an additional written description.

Product marking:

MARKING: OPPSI - Ød / ØD / mat. / RAL xxxx

Type

Inside diam. d [mm]

Outside diam. D [mm]

Material

Galvanized sheet 1.0226 (PN-EN 10142)

Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (wg PN-EN 573)

RAL colour

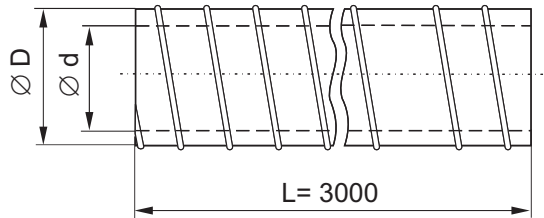
Not painted - no marking

Examples:

OPPSI - Ø280/315 - Straight duct with inside diameter of 280 mm, external jacket of 315 mm made of galvanized sheet, not painted.

OT190 - Ø224/250 / Ø100/132 / 1.4306 - Tee with inside diameter of 224, and outside diameter of 250, branch leg 100/132 made of stainless steel sheet 1.4306 (PN-EN 10088).

Straight duct OPPIS



DESCRIPTION:

Insulated spiral ducts OPPIS. Standard length of insulated spiral ducts is 3000 mm.

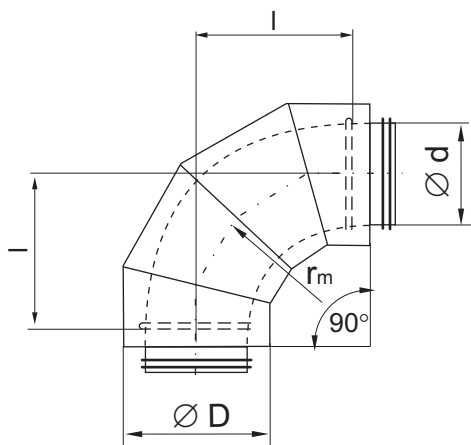
MARKING: OPPIS - Ød / ØD / mat. / RAL

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
standard length - no marking
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)
 RAL colour _____
Not painted - no marking

Table 1. Characteristic dimensions of insulated straight ducts OPPIS.

Ø d [mm]	Ø D [mm]	Insulation [mm]	Weight [kg/m]
80	100	10	2,8
100	132	16	3,6
125	157	16	4,3
160	192	16	5,3
200	232	16	6,5
224	250	13	7,2
250	280	15	8,3
280	315	17,5	10,2

Segmented bend OLSI 90



DESCRIPTION:

Segmented bend OLSI 90.
Gasket installed on internal duct.
 $r_m = 1 \times \text{Ød}$

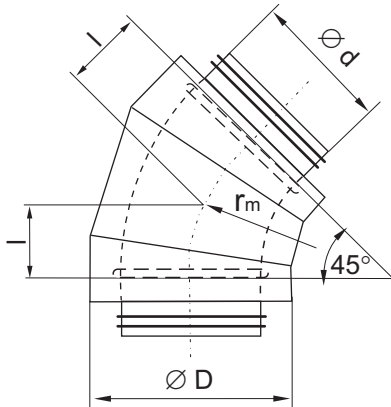
MARKING: OLSI90 - Ød / ØD / mat.

Type _____
Inside diam. d [mm] _____
Outside diam. D [mm] _____
Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 2. Dimensions of insulated bends OLSI 90.

Ø d [mm]	Ø D [mm]	l [mm]	Insulation [mm]	Weight [kg]
80	100	100	10	0,7
100	132	110	16	0,9
125	157	135	16	1,4
160	192	170	16	2,0
200	232	210	16	3,0
224	250	250	13	4,1
250	280	275	15	5,8
280	315	315	17,5	7,3

Segmented bend OLSI 45



DESCRIPTION:

Insulated segmented bend OLSI 45.
Gasket installed on internal duct.
 $rm = 1 \times \text{Ø}d$

MARKING: OLSI45 - Ød / ØD / mat.

Type _____
Inside diam. d [mm] _____
Outside diam. D [mm] _____
Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

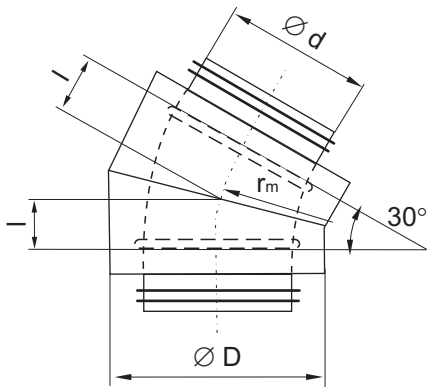
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 3. Dimensions of insulated bends OLSI45.

Ø d [mm]	Ø D [mm]	l [mm]	Insulation [mm]	Weight [kg]
80	100	51	10	0,6
100	132	53	16	0,7
125	157	67	16	0,9
160	192	76	16	1,3
200	232	93	16	1,8
224	250	103	13	2,3
250	280	115	15	3,1
280	315	129	17,5	4,2

Segmented bend OLSI 30



DESCRIPTION:

Insulated segmented bend OLSI 30.
Gasket installed on internal duct.
 $r_m = 1 \times \varnothing d$

MARKING: OLSI30 - $\varnothing d$ / $\varnothing D$ / mat.

Type _____
Inside diam. d [mm] _____
Outside diam. D [mm] _____
Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

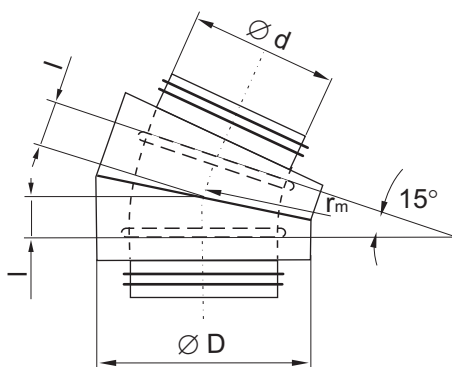
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 4. Dimensions of insulated bends OLSI 30.

$\varnothing d$ [mm]	$\varnothing D$ [mm]	l [mm]	Insulation [mm]	Weight [kg]
80	100	39	10	0,4
100	132	39	16	0,5
125	157	43	16	0,6
160	192	53	16	1,0
200	232	64	16	1,4
224	250	68	13	1,8
250	280	76	15	2,3
280	315	85	17,5	3,1

Segmented bend OLSI 15



DESCRIPTION:

Insulated segmented bend OLSI 15. Gasket installed on internal duct.
 $r_m = 1 \times \varnothing d$

MARKING: OLSI15 - $\varnothing d$ / $\varnothing D$ / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

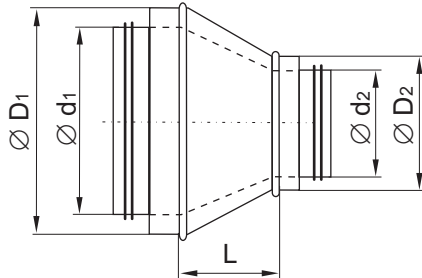
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 5. Dimensions of insulated bends OLSI 15.

$\varnothing d$ [mm]	$\varnothing D$ [mm]	l [mm]	Insulation [mm]	Weight [kg]
80	100	23	10	0,4
100	132	24	16	0,5
125	157	26	16	0,7
160	192	31	16	0,9
200	232	36	16	1,2
224	250	45	13	1,6
250	280	45	15	1,9
280	315	50	17,5	2,5

Symmetrical bushing ORSNI



DESCRIPTION:

Symmetrical bushing ORSNI "nipple/nipple" design. Gasket installed on internal duct.

MARKING: ORSNI - $\varnothing d_1$ / $\varnothing D_1$ / $\varnothing d_2$ / $\varnothing D_2$ / mat.

Type _____
 Inside diam. d_1 [mm] _____
 Outside diam. D_1 [mm] _____
 Inside diam. d_2 [mm] _____
 Outside diam. D_2 [mm] _____
 Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

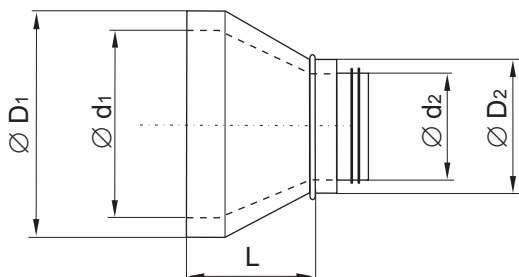
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 6. Dimensions of insulated bushings ORSNI.

d_1 [mm]	D_1 [mm]	d_2 [mm]	D_2 [mm]	L [mm]	Insulation [mm]	Weight [kg]
100	132	80	100	50	16/10	0,5
125	157	80	100	65	16/10	0,6
125	157	100	132	55	16	0,9
160	192	80	100	75	16/10	0,9
160	192	100	132	75	16	1,0
160	192	125	157	55	16	1,1
200	232	100	132	80	16	1,3
200	232	125	157	65	16	1,3
200	232	160	192	50	16	1,4
224	250	100	132	105	13/16	1,2
224	250	125	157	85	13/16	1,3
224	250	160	192	80	13/16	1,4
224	250	200	232	60	13/16	1,7
250	280	125	157	100	15/16	1,5
250	280	160	192	80	15/16	1,7
250	280	200	232	55	15/16	1,6
280	315	160	192	80	17,5/16	1,8
280	315	200	232	65	17,5/16	1,9
280	315	250	280	48	17,5/15	1,9
315	355	160	192	120	20/16	2,0
315	355	200	232	110	20/16	2,2
315	355	250	280	45	20/15	2,3

Symmetrical bushing ORSMI



DESCRIPTION:

Bushing ORSMI
"sleeve/nipple" design.
Gasket installed on internal duct.

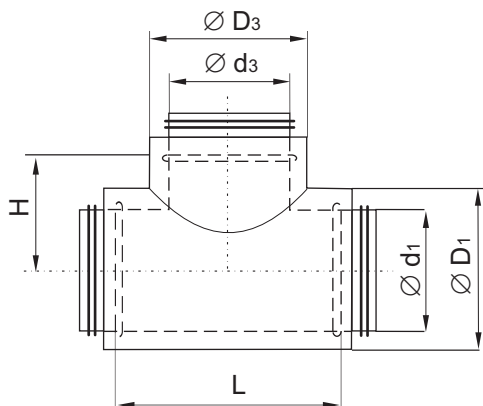
MARKING: ORSMI - $\varnothing d_1$ / $\varnothing D_1$ / $\varnothing d_2$ / $\varnothing D_2$ / mat.

Type _____
 Inside diam. d_1 [mm] _____
 Outside diam. D_1 [mm] _____
 Inside diam. d_2 [mm] _____
 Outside diam. D_2 [mm] _____
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 7. Dimensions of insulated bushings ORSMI.

d_1 [mm]	D_1 [mm]	d_2 [mm]	D_2 [mm]	L [mm]	Insulation [mm]	Weight [kg]
100	132	80	100	80	16/10	0,6
125	157	80	100	95	16/10	0,6
125	157	100	132	85	16	0,9
160	192	80	100	105	16/10	0,9
160	192	100	132	105	16	1,0
160	192	125	157	85	16	1,1
200	232	100	132	110	16	1,3
200	232	125	157	95	16	1,3
200	232	160	192	80	16	1,4
224	250	100	132	135	13/16	1,2
224	250	125	157	115	13/16	1,3
224	250	160	192	110	13/16	1,4
224	250	200	232	90	13/16	1,2
250	280	100	132	160	15/16	1,4
250	280	125	157	130	15/16	1,5
250	280	160	192	110	15/16	1,7
250	280	200	232	95	15/16	1,8
280	315	100	132	185	17,5/16	1,7
280	315	125	157	165	17,5/16	1,8
280	315	160	192	150	17,5/16	2,0
280	315	200	232	140	17,5/16	2,1
280	315	250	280	110	17,5/15	2,3

Insulated tee OTI 90



DESCRIPTION:

Insulated tee OTI 90. Gasket on internal duct.

MARKING: OTI90 - $\varnothing d_1$ / $\varnothing D_1$ / $\varnothing d_3$ / $\varnothing D_3$ / mat.

Type _____
 Inside diam. d_1 [mm] _____
 Outside diam. D_1 [mm] _____
 Inside diam. d_3 [mm] _____
 Outside diam. D_3 [mm] _____
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 8. Dimensions of insulated tees OTI 90.

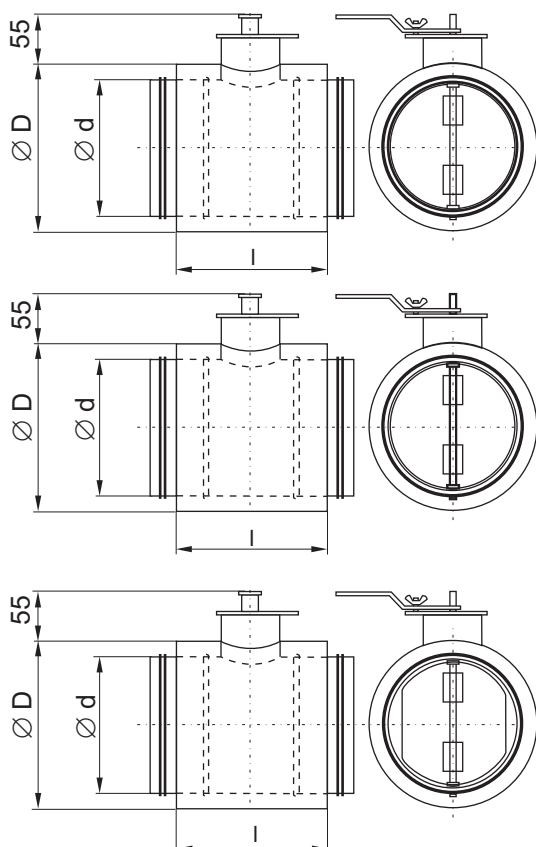
d_1 [mm]	D_1 [mm]	d_3 [mm]	D_3 [mm]	L [mm]	H [mm]	Insulation [mm]	Weight [kg]
80	100	80	100	200	70	10/10	1,1
100	132	80	100	200	86	16/10	1,2
100	132	100	132	220	90	16	1,4
125	157	80	100	200	100	16/10	1,4
125	157	100	132	230	100	16	1,6
125	157	125	157	244	103	16	1,6
160	192	80	100	200	117	16/10	1,7
160	192	100	132	220	120	16	1,9
160	192	125	157	244	125	16	2,1
160	192	160	192	290	125	16	2,4
200	232	80	100	200	138	16/10	2,5
200	232	100	132	220	140	16	2,7
200	232	125	157	244	145	16	2,9
200	232	160	192	290	145	16	3,2
200	232	200	232	330	148	16	4,0
224	250	80	100	200	150	13/10	2,6
224	250	100	132	220	150	13/16	3,1
224	250	125	157	244	155	13/16	3,3
224	250	160	192	290	155	13/16	3,6
224	250	200	232	330	155	13/16	4,4
224	250	224	250	350	158	13	4,8
250	280	100	132	220	165	15/16	3,7

Insulated tee OTI 90

Table 8. Continued dimensions of insulated tees OTI 90.

d₁ [mm]	D₁ [mm]	d₃ [mm]	D₃ [mm]	L [mm]	H [mm]	Insulation [mm]	Weight [kg]
250	280	125	157	244	165	15/16	3,9
250	280	160	192	290	170	15/16	4,2
250	280	200	232	330	170	15/16	5,0
250	280	250	280	380	175	15	6,0
280	315	100	132	220	182	17,5/16	4,3
280	315	125	157	244	185	17,5/16	4,4
280	315	160	192	290	188	17,5/16	4,8
280	315	200	232	330	190	17,5/16	5,5
280	315	224	250	350	190	17,5/13	6,0
280	315	250	280	380	190	17,5/15	6,2
280	315	280	315	520	190	17,5	7,1

Damper OPRI



OPRI_s



OPRIIn



OPRIr

DESCRIPTION:

Insulated manual OPRI dampers are equipped with a brass or steel sleeves to mount the screen axis. They are used in the shipbuilding industry and feature increased temperature resistance. Also available without insulation. Made in three different versions: OPRI_s tight damper, with a rubber seal installed on the circumference of the control screen, used where complete air shut-off is required; OPRIIn non-tight damper, without the control screen sealing, used to control the exhaust flow rates in branch legs; OPRIr control damper which prevents complete air flow shut-off, used for efficiency control, e.g. in supply diffusers.

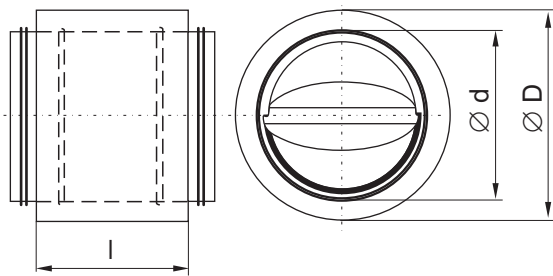
MARKING: OPRI - Ød / ØD / mat.

Type _____
 OPRI_s - tight damper
 OPRIIn - non-tight damper
 OPRIr - control damper
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____
 Galvanized sheet 1.0226 (PN-EN 10142)
 Stainless steel 1.4301 (PN-EN 10088)

Table 9. Dimensions of manual insulated dampers OPRI.

Ø d [mm]	Ø D [mm]	l [mm]	Insulation [mm]	Weight kg]
80	100	110	10	0,8
100	132	110	16	0,9
125	157	110	16	1,1
160	192	110	16	1,3
200	232	110	16	1,4
224	250	160	13	1,5
250	280	160	15	1,8
280	315	200	17,5	2,1

Non-return flap OKZI



DESCRIPTION:

Non-return flap OKZI is designed for low-pressure and medium-pressure ventilation systems. It is used in horizontal ducts. When the flow in the duct is lost, the flap closes its section, forced by gravitation.

MARKING: OKZI - Ød / ØD / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

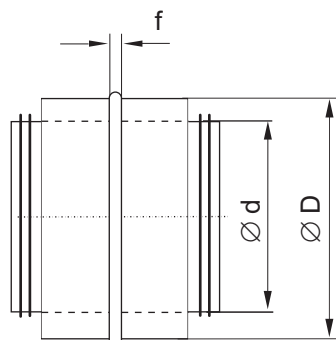
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 10. Dimensions of insulated non-return flaps OKZI.

Ø d [mm]	Ø D [mm]	l [mm]	Insulation [mm]	Weight [kg]
80	100	130	10	0,7
100	132	130	16	0,8
125	157	130	16	1,1
160	192	130	16	1,5
200	232	130	16	1,8
224	250	250	13	2,0
250	280	250	15	2,1
280	315	250	17,5	2,6

Internal coupling ONI



DESCRIPTION:

Internal coupling (nipple) ONI enables the connection of two duct system components.
Gasket installed on internal duct.

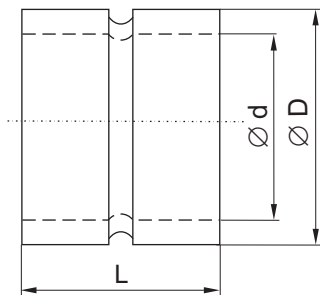
MARKING: ONI - Ød / ØD / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 11. Dimensions of insulated couplings (nipples) ONI.

Ø D [mm]	Ø d [mm]	Insulation [mm]	Weight [kg]
80	100	10	0,1
100	132	16	0,4
125	157	16	0,5
160	192	16	0,7
200	232	16	0,8
224	250	13	1,0
250	280	15	1,2
280	315	17,5	1,5

External coupling OMI



DESCRIPTION:

Internal coupling (sleeve) OMI enables the connection of two duct system components.

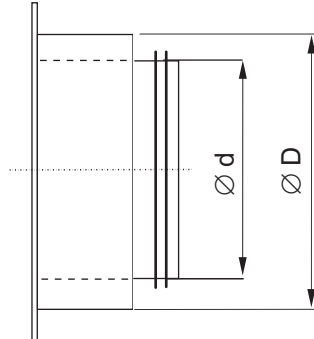
MARKING: OMI - Ød / ØD / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 12. Dimensions of insulated couplings (sleeves) OMI.

Ø d [mm]	Ø D [mm]	L [mm]	Insulation [mm]	Weight [kg]
80	100	90	10	0,1
100	132	90	16	0,4
125	157	90	16	0,5
160	192	90	16	0,7
200	232	90	16	0,8
224	250	90	13	1,0
250	280	90	15	1,2
280	315	90	17,5	1,5

Stub pipe OKI



DESCRIPTION:

Stub pipe OKI allows connection of a duct with circular cross section to a duct with a rectangular cross section.

MARKING: OKI - Ød / ØD / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

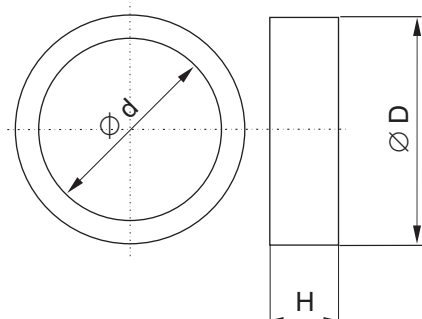
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 13. Dimensions of insulated stub pipes OKI.

Ø d [mm]	Ø D [mm]	Insulation [mm]	Weight [kg]
80	100	10	0,1
100	132	16	0,3
125	157	16	0,3
160	192	16	0,4
200	232	16	0,6
224	250	13	0,8
250	280	15	0,9
280	315	17,5	1,0

Stopper OZDI



DESCRIPTION:

Stopper OZDI is used to protect the insulation against falling off and moistness.

MARKING: OZDI - $\varnothing d$ / $\varnothing D$ / mat.

Type _____
 Inside diam. d [mm] _____
 Outside diam. D [mm] _____
 Material _____

Galvanized sheet 1.0226 (PN-EN 10142)

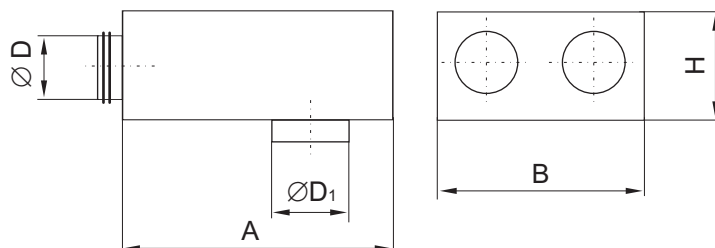
Stainless steel 1.4301 (PN-EN 10088)

Aluminium 5754 (PN-EN 573)

Table 14. Dimensions of stoppers OZDI.

$\varnothing d$ of duct [mm]	$\varnothing d$ [mm]	$\varnothing D$ [mm]	H [mm]	Weight [kg]
80	85	103	40	0,1
100	105	128	40	0,1
125	130	163	40	0,1
160	165	203	40	0,2
200	205	227	40	0,3
224	229	253	40	0,4
250	254	283	40	0,4
280	284	318	40	0,5

Mixing box SRMC



DESCRIPTION:

Mixing box SRMC is fitted with two connectors which allow the supply of cold and hot air. With the control knob located outside the air supply diffuser mounted on the box, it is possible to adjust the temperature of supplied air. It is mostly used on ships.

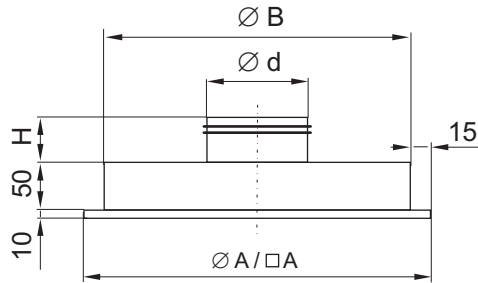
MARKING: SRMC - Ax B / ØD / ØD₁ / mat.

Type _____
 Dimensions A x B [mm] _____
 Diam. of stub pipes D [mm] _____
 Diam. of stub pipe D₁ [mm] _____
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)

Table 15. Characteristic dimensions of mixing plenum boxes SRMC.

Plenum box	Dimension A [mm]	Dimension B [mm]	Height H [mm]	Stub pipes Ø D [mm]	Stub pipe Ø D ₁ [mm]
SRMC	480	335	125	80	160
SRMC	600	400	145	100	160
SRMC	710	470	170	125	160

Supply diffuser MSKC/MSOC



DESCRIPTION:

Ceiling air supply diffuser MSKC/MSOC, with crevices forming a star, is used to supply air in swirls, with a high induction degree. The crevices are equipped with a guide vane to control the air exhaust angle. The diffuser may be applied in ventilation systems with a variable air volume (VAV). It is also adapted for installation in a suspended ceiling.

MARKING: MSKC/MSOC - A / mat. / RAL

Typ _____
 MSKC - square shaped
 MSOC - circular
 Dimension A [mm] _____
 ØA lub □A
 Material _____
 Galvanized sheet 1.0226 (PN-EN 10142)
 Stainless steel 1.4301 (PN-EN 10088)
 Aluminium 5754 (PN-EN 573)
RAL colour _____
 Not painted - no marking

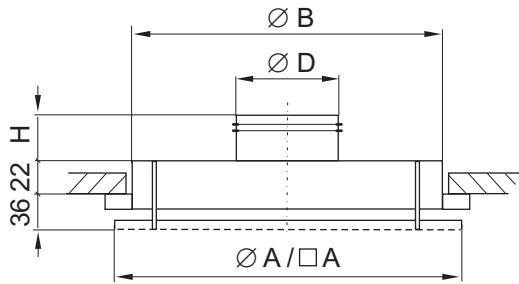
Table 16. Dimensions and parameters of supply diffusers MSKC / MSOC.

MSKC				MSOC			
Ød [mm]	□A [mm]	ØB [mm]	H [mm]	Ød [mm]	ØA [mm]	ØB [mm]	H [mm]
160	295	270	90	160	300	230	90
200	395	330	100	200	360	335	100
250	495	430	100	250	460	435	100
315	595	510	100	315	540	510	100

	MSKC / MSOC - 300					MSKC / MSOC - 400				
Capacity [m ³ /h]	100	125	150	200	250	200	250	300	350	400
Noise level [dB]	21	28	32	39	48	24	31	36	42	47
Flow resistance [Pa]	16	24	36	68	98	27	41	55	75	102
Horizontal range L(02) [m]	1,1	1,4	1,6	2,1	2,7	1,7	2,2	2,6	3,1	3,6

	MSKC / MSOC - 500					MSKC / MSOC - 600				
Capacity [m ³ /h]	250	300	350	400	500	300	400	500	600	700
Noise level [dB]	21	26	32	36	46	22	27	33	37	44
Flow resistance [Pa]	19	27	34	49	80	14	24	37	55	80
Horizontal range L(02) [m]	1,7	2,1	2,4	2,8	3,4	1,7	2,2	2,7	3,2	3,8

Supply diffuser MKC/MOC



DESCRIPTION:

The disk type air supply diffuser MKC/MOC is used for radial air supply under the room ceiling. Most often, the supplied air stream is isothermal. The MKC/MOC supply diffusers are adapted for installation in a suspended ceiling. They may be applied in ventilation systems with a variable air volume (VAV).

MARKING: MKC/MOC - A / mat. / RAL

Type _____
 Dimension A [mm] _____
 ØA lub □A
 Material _____
Galvanized sheet 1.0226 (PN-EN 10142)
Stainless steel 1.4301 (PN-EN 10088)
Aluminium 5754 (PN-EN 573)
RAL colour _____
Not painted - no marking

Table 17. Dimensions and parameters of supply diffusers MKC / MOC.

MKC			
Ød [mm]	□A [mm]	ØB [mm]	H [mm]
125	235	200	80
160	295	260	90
200	395	360	100
250	495	460	100
315	595	560	100
400	595	560	100

MOC			
Ød [mm]	ØA [mm]	ØB [mm]	H [mm]
125	240	200	80
160	300	260	90
200	360	320	100
250	460	420	100
315	540	500	100
400	540	500	100

	MKC / MOC - 125					MKC / MOC - 160				
	100	125	150	175	200	120	150	200	250	300
Capacity [m ³ /h]	100	125	150	175	200	120	150	200	250	300
Noise level [dB]	22	27	32	40	45	20	25	32	40	46
Flow resistance [Pa]	24	40	55	85	100	15	25	40	70	98
Horizontal range L(02) [m]	1,1	1,25	1,5	1,75	2	1,1	1,3	1,7	2,0	2,5

	MKC / MOC - 200					MKC / MOC - 250				
	200	250	300	350	400	250	300	400	500	600
Capacity [m ³ /h]	200	250	300	350	400	250	300	400	500	600
Noise level [dB]	22	26	32	37	42	21	26	31	38	46
Flow resistance [Pa]	18	25	38	50	65	16	30	40	60	90
Horizontal range L(02) [m]	1,6	1,9	2,3	2,7	3	1,7	2	2,6	3,2	3,8

	MKC / MOC - 315					MKC / MOC - 400				
	350	450	600	700	800	600	800	900	1000	1200
Capacity [m ³ /h]	350	450	600	700	800	600	800	900	1000	1200
Noise level [dB]	21	25	33	38	45	23	30	36	38	47
Flow resistance [Pa]	14	22	38	50	70	18	30	37	47	70
Horizontal range L(02) [m]	2,1	2,5	3,3	4	4,5	3	3,8	4,2	4,8	5,3