Lindab **Zinc-Magnesium Duct System**

Technical information

Lindab®

Duct system of Zinc-Magnesium ZM 310

A corrosion-resistant duct system for high environmental requirements

Products

The purpose of this brochure is to present which of Lindab's duct system products that is available in the Zink -Magnesium coated steel sheet material. More detailed technical information about the system and the products can be found in our brochure "General Information and Theory" or the product's website. Zinc-Magnesium products are usually handmade instead of pressed and can therefore differ from the standard galvanized assortment in size and weight.

The circular duct system

The circular system is part of the Lindab Safe range and is manufactured as standard with a double lipped gasket made of EPDM rubber. The standard dimensions are adapted to EN 1506, which is made with over bent edge, which provides excellent structural stability and increased durability against damage caused by handling. For chemical environments other than EPDM gasket can withstand, see also how our silicone gasket is performing in the brochure "General Information and Theory". The products can also be obtained without gasket if none of our gasket options meet the requirements.

Material description

Zinc-Magnesium is a zinc-Magnesium coated steel sheet that can be used unpainted up to corrosive class C5.

See table on next page for information about corrosive classes.

The alloy of the metal coat has a weight percentage of 3% Magnesium, 3,5%aluminum and 93,5% zinc with a coat weight of 310 g/m² per double side.

Appearance

The surface is initially glossy metal with a rose pattern but after some time it turns greyish, and eventually it becomes matt grey.

Sheet steel properties

Zink -Magnesium coated steel sheet ZM310	According to SS-EN 10346:2015
Fire Resistance Classification	A1 (EN 13501-1)

Lifetime

The layer of Zinc-Magnesium has a thickness of approx. 24 µm (0.024mm) per side and can in some cases be an alternative to stainless steel.

Due to corrosive and appearancerelated reasons, the following combinations should be avoided to prevent them from affecting the aesthetic and technical lifetime:

- Zinc-Magnesium in combination with copper, brass or lead can cause galvanic corrosion. Avoid drainage from constructions and roofs that contain these metals. In particularly aggressive environments.
- Zinc-Magnesium in contact with highgrade woods, damp wood or wood with waterproofing containing copper can cause black rust or corrosion.
- Zinc-Magnesium in combination with bitumen products without a UV stabiliser.
- Zinc-Magnesium in combination with wet concrete, cement and plastering that are very alkaline can cause discolouration or black rust.

Trimming edges

Corrosion on the edges can occur in environments that are exposed to corrosion and in which the edges of the sheet are exposed. Normally, the trimmed edges do not need to be painted with a protective paint. Protective paint can be applied in environments in which the trimmed edges are aesthetically prominent.

Corrosion

Zinc-Magnesium has an ability to repair itself which makes the material resistant to corrosion caused by scratches.

The long lifetime is due to the fact that the zinc-Magnesium coating provides the steel sheet with a double protection against corrosion. The first protection factor is the coating on the steel sheet that forms a passivating barrier against general corrosion. The other protection factor involves the formation of a galvanic element when the sheet is exposed to moisture (electrolyte), resulting in zinc ions flowing over and protecting the exposed steel against corrosion in scratches or trimmed edges.

Corrosive Class

Zinc-Magnesium can be used up to corrosive class C5 in accordance with EN ISO 12944-2.

Environment

The long lifetime of Zinc-Magnesium, in comparison with for instance hot dip galvanised sheets, entails major environmental benefits. There is a worldwide infrastructure for recycling steel that works well. Once steel is produced, it is part of a constant cycle as steel always contains recycled materials. Steel is always 100% recyclable, the metal layer does not pose any problems for remelting.

Eurovent certification

Lindab's circular duct system with rubber gasket connec¬tions Lindab Safe and Lindab Safe Click is certified to strength and leakage in tightness class D according to the Eurovent Certified Performance program for circular metallic ducts systems (DUCT-MC). Check ongoing validity of certif¬icate:

www.eurovent-certification.com

The purpose of Eurovent third party Certification is to create a common set of criteria to all relevant features for the rating of products in this system and ensure the constancy of per¬formance over time.

Through specification of products in Lindab's certified sys¬tem, Lindab Safe and Lindab Safe Click, the engineer's tasks become easier, since there is no need to carry out detailed comparison and performance qualification testing. Consultants, specifiers and users can select products with the assurance that the catalogue data are accurate to a cer¬tain level.

Lindab products that are Eurovent certified have the Eurovent logotype in the footer of the technical documenta¬tion.

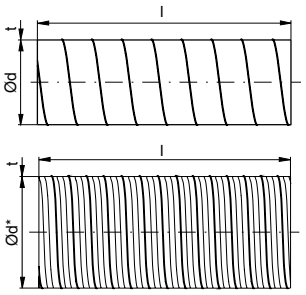
Note: Most Lindab Safe and Lindab Safe Click and the most commonly used product in a ventilation system are essen¬tially better than class D, however some products are according to EN 15727 not class D as a single product. These products are stated in the documentation as Class C and can be used in D class systems to a limited extension.

Corrosivity classes according to ISO 12944-2 with environmental examples

Corrosivity category	Corrosivity	Examples of typical environments (informative only)	
		Exterior	Interior
C1	Very low	-	Heated buildings with clean atmosphere, e.g. offices, shops, schools, hotels.
C2	Low	Atmospheres with low level of pollution: mostly rural areas.	Unheated buildings where condensation can occur, e.g. depots, sports halls.
C3	Medium	Urban and industrial atmospheres, moderate sulfur dioxide pollution; coastal areas with low salinity.	Production rooms with high humidity and some air pollution, e.g. food-processing plants, laundries, breweries, dairies.
C4	High	Industrial areas and coastal areas with moderate salinity.	Chemical plants, swimming pools, coastal ship and boatyards.
C5	Very high	Industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity.	Buildings or areas with almost permanent condensation and with high pollution.
CX	Extreme	Offshore areas with high salinity and industrial areas with extreme humidity and aggressive atmosphere and subtropical and tropical atmospheres.	Industrial areas with extreme humidity and aggressive atmosphere.

Circular duct system

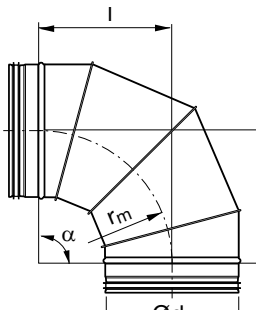
SR, circular duct



Ød nom	t mm	m kg/m	Comment
80	0,6	1,21	For more detailed information about technical data and measures see catalogue page for SR
100	0,6	1,52	
112	0,6	1,71	
125	0,6	1,88	
140	0,6	2,11	
150	0,6	2,27	
160	0,6	2,42	
180	0,6	2,71	
200	0,6	3,07	
224	0,6	3,44	
250	0,6	3,82	
280	0,6	4,28	
300	0,6	4,58	
315	0,6	4,81	
355	0,6	5,41	
400	0,6	6,56	
450	0,6	7,37	
500	0,7	9,54	
560	0,7	10,7	
600	0,7	11,5	
630	0,7	12,0	
710	1,0	19,4	
800	1,0	21,8	
900	1,0	24,1	
1000	1,0	26,8	
1120	1,0	30,0	
1250	1,0	33,6	

Circular duct system

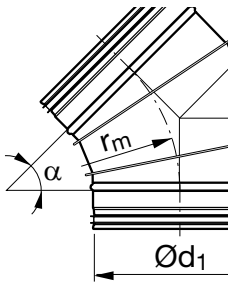
BFU 90°, lockseamed bend



Ød1 nom	l mm	m kg
80	80	0,65
140	140	1,12
150	150	1,21
180	180	1,48
200	200	1,67
224	224	1,95
250	•	•
280	•	•
300	•	•
315	•	•
355	•	•
400	•	•
450	•	•
500	•	•
560	•	•
600	•	•
630	•	•
710	•	•
800	•	•
900	•	•
1000	•	•
1120	•	•
1250	•	•

- For more detailed information about technical data and measures see catalogue page for BFU 90°

BFU 45°, lockseamed bend



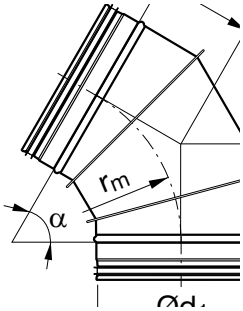
l1

Ød1 nom	l mm	m kg
80	33	0,53
140	58	0,61
150	62	0,67
180	75	0,84
200	83	0,95
224	93	1,12
250	•	•
280	•	•
300	•	•
315	•	•
355	•	•
400	•	•
450	•	•
500	•	•
560	•	•
600	•	•
630	•	•
710	•	•
800	•	•
900	•	•
1000	•	•
1120	•	•
1250	•	•

- For more detailed information about technical data and measures see catalogue page for BFU 45°

Circular duct system

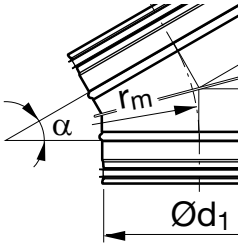
BFU 60°, lockseamed bend



Ød1 nom	l mm	m kg
80	46	0,59
100	58	0,68
125	72	0,77
140	81	0,86
150	87	0,94
180	92	1,05
160	104	1,16
200	115	1,31
224	129	1,40
250	•	•
280	•	•
300	•	•
315	•	•
355	•	•
400	•	•
450	•	•
500	•	•
560	•	•
600	•	•
630	•	•
710	•	•
800	•	•
900	•	•
1000	•	•
1120	•	•
1250	•	•

- For more detailed information about technical data and measures see catalogue page for BFU 60°

BFU 30°, lockseamed bend

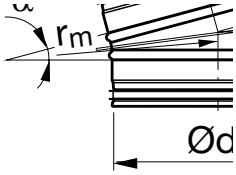


Ød1 nom	l mm	m kg
80	21	0,49
100	27	0,53
125	34	0,59
140	38	0,67
150	40	0,75
180	43	0,80
160	48	0,85
200	54	0,91
224	60	0,95
250	•	•
280	•	•
300	•	•
315	•	•
355	•	•
400	•	•
450	•	•
500	•	•
560	•	•
600	•	•
630	•	•
710	•	•
800	•	•
900	•	•
1000	•	•
1120	•	•
1250	•	•

- For more detailed information about technical data and measures see catalogue page for BFU 30°

Circular duct system

BFU 15°, lockseamed bend

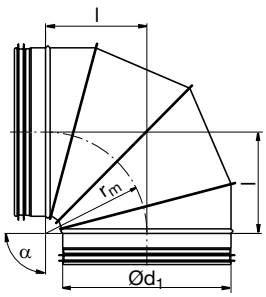


Ød, nom	l mm	m kg
80	11	0,43
100	13	0,46
125	17	0,49
140	18	0,51
150	20	0,53
180	21	0,56
160	24	0,58
200	26	0,60
224	30	0,63
250	•	•
280	•	•
300	•	•
315	•	•
355	•	•
400	•	•
450	•	•
500	•	•
560	•	•
600	•	•
630	•	•
710	•	•
800	•	•
900	•	•
1000	•	•
1120	•	•
1250	•	•

- For more detailed information about technical data and measures see catalogue page for BFU 15°

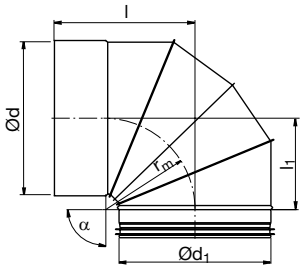
Circular duct system

BKFU 90°, short, lockseamed bend



Ød$_1$ nom	Comment
100	For more detailed information about technical data and measures see catalogue page for BKFU 90°
125	
160	
200	
250	
315	
355	
400	
500	
630	
710	
800	
1000	
1120	
1250	

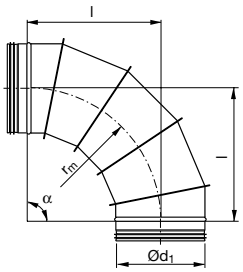
BKFMU 90°, short, segmented bend with female end



Ød$_1$ nom	Comment
100	For more detailed information about technical data and measures see catalogue page for BKFMU 90°
125	
160	
200	
250	
315	
400	
500	
630	
710	
800	
1000	
1120	
1250	

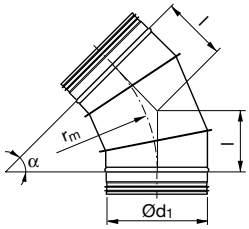
Circular duct system

BSFU 90°, long, lockseamed bend



Ød1 nom	Comment
250	For more detailed information about technical data and measures see catalogue page for BSFU 90°
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

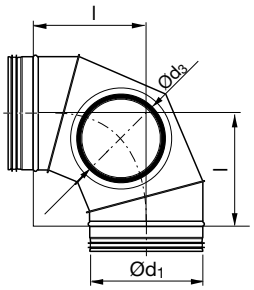
BSFU 45°, long, lockseamed bend



Ød1 nom	Comment
250	For more detailed information about technical data and measures see catalogue page for BSFU 45°
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

Circular duct system

BFKCU 90°, cleaning bend

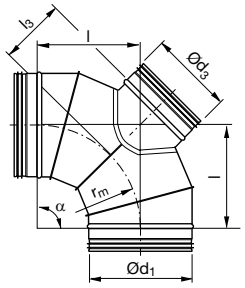


Ød1 nom	Ød3						
	100	125	160	200	250	315	400
100	•						
112	•						
125	•	•					
140		•					
150		•					
160		•	•				
180			•				
200			•				
224				•			
250				•	•		
300					•		
315					•	•	
400						•	•

Comment: For more detailed information about technical data and measures see catalogue page for BFKCU 90°

- Available dimensions

BFBKCU 90°, cleaning bend



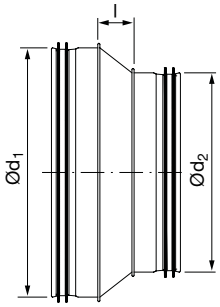
Ød1 nom	Ød3						
	100	125	160	200	250	315	400
100	•						
112	•						
125	•	•					
140		•					
160		•	•				
150		•					
180			•				
200			•				
224				•			
250				•	•		
300					•		
315					•	•	
400						•	•

Comment: For more detailed information about technical data and measures see catalogue page for BFBKCU 90°

- Available dimensions

Circular duct system

RCU, reducer



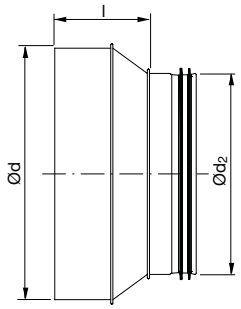
Ød$_1$ nom	80	100	125	150	160	180	200	224	250	315	400	500
100	•											
125	•	•										
150		•	•									
160	•	•	•	•								
180		•	•	•	•							
200		•	•	•	•	•						
224				•	•	•	•					
250			•	•	•	•	•	•				
300							•		•			
315					•		•		•			
355									•	•		
400							•		•	•		
500									•	•	•	
630										•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RCU

- Available dimensions

Circular duct system

RCFU, reducer with female end



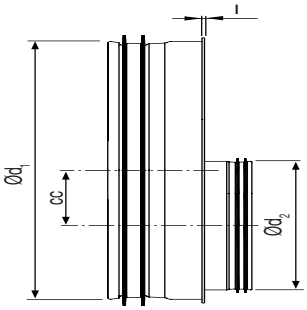
Ød nom	80	100	125	150	160	180	200	224	250	315	400	500
100	•											
125	•	•										
150		•	•									
160		•	•	•								
180		•	•	•	•							
200		•	•	•	•	•						
224				•	•	•	•					
250			•	•	•	•	•	•				
300							•		•			
315					•		•		•			
355									•	•		
400							•		•	•		
500									•	•	•	
630										•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RCFU

- Available dimensions

Circular duct system

RU, eccentric reducer



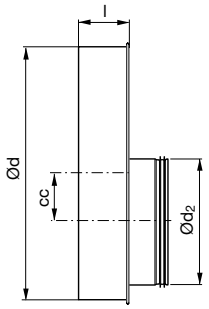
Ød1 nom	Ød2																	
	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
400	•	•	•	•	•	•	•											
450			•	•	•	•	•	•										
500			•	•	•	•	•	•	•									
560						•	•	•	•	•								
600						•	•	•	•	•	•							
630						•	•	•	•	•	•	•						
710								•	•	•	•	•	•					
800								•	•	•	•	•	•	•				
900										•	•	•	•	•	•			
1000										•	•	•	•	•	•	•		
1120													•	•	•	•	•	
1250													•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RU

- Available dimensions

Circular duct system

RFU, eccentric reducer with female end



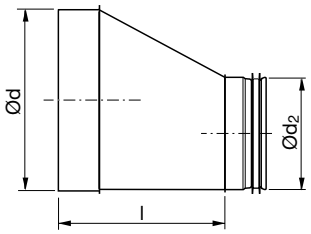
Ød nom	Ød2																	
	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
400	•	•	•	•	•	•	•											
450			•	•	•	•	•	•										
500			•	•	•	•	•	•	•									
560						•	•	•	•	•								
600						•	•	•	•	•	•							
630						•	•	•	•	•	•	•						
710								•	•	•	•	•	•					
800								•	•	•	•	•	•	•				
900										•	•	•	•	•	•			
1000										•	•	•	•	•	•	•		
1120													•	•	•	•	•	
1250													•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RFU

- Available dimensions

Circular duct system

RFLU, long, tangential reducer with female end



Ød nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
100	•																									
112	•	•																								
125	•		•																							
140	•		•	•																						
150	•	•	•	•	•																					
160	•	•	•	•	•	•																				
180	•	•	•	•	•	•	•																			
200	•	•	•	•	•	•	•	•																		
224		•	•	•	•	•	•	•	•																	
250		•	•	•	•	•	•	•	•	•																
280				•	•	•	•	•	•	•	•															
300				•	•	•	•	•	•	•	•	•														
315				•	•	•	•	•	•	•	•	•	•													
355							•	•	•	•	•	•	•	•												
400							•	•	•	•	•	•	•	•	•											
450									•	•	•	•	•	•	•	•										
500									•	•	•	•	•	•	•	•	•									
560											•	•	•	•	•	•	•	•								
600											•	•	•	•	•	•	•	•	•							
630											•	•	•	•	•	•	•	•	•	•						
710															•	•	•	•	•	•	•					
800																•	•	•	•	•	•	•				
900																	•	•	•	•	•	•	•			
1000																			•	•	•	•	•	•		
1120																			•	•	•	•	•	•	•	
1250																				•	•	•	•	•	•	•

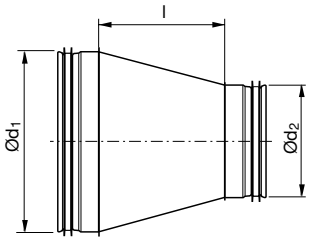
Comment: For more detailed information about technical data and measures see catalogue page for RFLU

- Available dimensions

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
www.eurovent-certification.com

Circular duct system

RCLU, long, concentric reducer



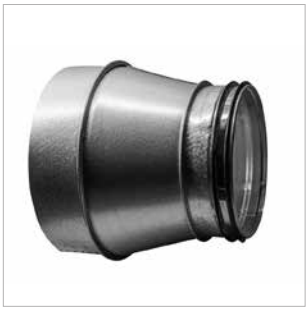
Ød$_1$ nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
100	•																									
112	•	•																								
125			•																							
140	•	•	•	•																						
150	•		•		•																					
160			•		•																					
180	•		•		•																					
200	•		•		•																					
224		•	•	•	•																					
250		•	•		•																					
280				•	•	•	•	•	•	•	•															
300				•	•	•	•	•		•		•														
315				•	•	•		•		•		•	•													
355							•	•	•	•	•	•	•													
400							•	•		•		•	•		•											
450									•	•	•	•	•	•	•	•										
500									•	•	•	•	•		•	•	•									
560											•	•	•	•	•	•	•	•								
600											•	•	•	•	•	•	•	•	•							
630											•	•	•		•	•	•		•	•						
710															•	•	•	•	•	•	•					
800																•	•	•	•	•	•	•				
900																	•	•	•	•	•	•	•			
1000																		•	•	•	•	•	•	•		
1120																			•	•	•	•	•	•	•	
1250																				•	•	•	•	•	•	•

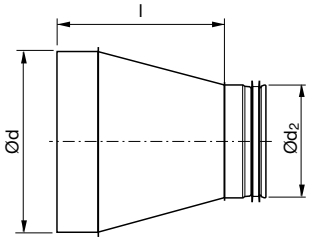
Comment: For more detailed information about technical data and measures see catalogue page for RCLU

- Available dimensions

Circular duct system

RCFLU, long, concentric reducer with female end





Ød nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
100	•																									
112	•	•																								
125	•	•	•																							
140	•	•	•	•																						
150	•	•	•	•	•																					
160	•	•	•	•	•	•																				
180	•	•	•	•	•	•	•																			
200	•	•	•	•	•	•	•	•																		
224		•	•	•	•	•	•	•	•																	
250		•	•	•	•	•	•	•	•	•																
280				•	•	•	•	•	•	•	•															
300				•	•	•	•	•	•	•	•	•														
315				•	•	•	•	•	•	•	•	•	•													
355							•	•	•	•	•	•	•	•												
400							•	•	•	•	•	•	•	•	•											
450									•	•	•	•	•	•	•	•										
500									•	•	•	•	•	•	•	•	•									
560											•	•	•	•	•	•	•	•								
600											•	•	•	•	•	•	•	•	•							
630											•	•	•	•	•	•	•	•	•	•						
710															•	•	•	•	•	•	•					
800																•	•	•	•	•	•	•				
900																	•	•	•	•	•	•	•			
1000																		•	•	•	•	•	•	•		
1120																			•	•	•	•	•	•	•	
1250																				•	•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RCFLU

- Available dimensions

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
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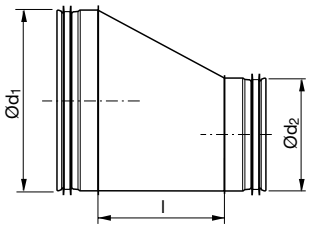
Circular duct system

RLU, long tangential reducer



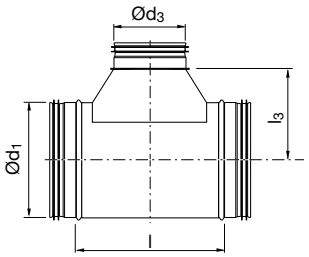
Ød$_1$ nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
100	•																									
112	•	•																								
125	•	•	•																							
140	•	•	•	•																						
150	•	•	•	•	•																					
160	•	•	•	•	•	•																				
180	•	•	•	•	•	•	•																			
200	•	•	•	•	•	•	•	•																		
224		•	•	•	•	•	•	•	•																	
250		•	•	•	•	•	•	•	•	•																
280				•	•	•	•	•	•	•	•															
300				•	•	•	•	•	•	•	•	•														
315				•	•	•	•	•	•	•	•	•	•													
355							•	•	•	•	•	•	•	•												
400							•	•	•	•	•	•	•	•	•											
450									•	•	•	•	•	•	•	•										
500									•	•	•	•	•	•	•	•	•									
560											•	•	•	•	•	•	•	•								
600											•	•	•	•	•	•	•	•	•							
630											•	•	•	•	•	•	•	•	•	•						
710															•	•	•	•	•	•	•					
800																•	•	•	•	•	•	•				
900																	•	•	•	•	•	•	•			
1000																		•	•	•	•	•	•	•		
1120																			•	•	•	•	•	•	•	
1250																				•	•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for RLU

- Available dimensions

Circular duct system

TCU, centric T-piece



Ød1 nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120	1250
80	•*		•	•																							
100	•*	•*	•	•	•	•	•																				
112	•*	•*	•		•	•	•	•																			
125	•*	•*	•*	•*	•	•	•	•	•																		
140	•*	•*	•*	•	•*	•	•	•	•	•																	
150	•*	•*	•	•*	•*	•*		•	•	•	•																
160	•*	•*		•*	•*	•*	•*		•	•	•																
180	•*	•*	•	•*	•*	•*	•*	•*	•	•	•	•															
200	•*	•*	•	•*	•*	•*	•*	•*	•*	•	•	•	•	•													
224	•*	•*	•	•*	•*	•*	•*	•*	•*	•*	•	•	•	•	•												
250	•*	•*	•	•*	•*	•*	•*	•*	•*	•*	•*	•	•	•	•	•											
280	•*	•*	•	•*	•*	•*	•*	•*	•*	•*	•	•	•	•	•	•	•										
300			•									•		•	•	•	•										
315	•*	•*	•	•*			•*		•*		•*			•*	•	•	•	•									
355			•									•			•	•	•	•	•								
400		•*	•	•*	•	•	•*	•	•*		•*	•		•*	•	•*	•	•	•	•	•						
450		•*		•*	•	•	•*	•	•*	•*	•*	•	•*	•*	•*	•*	•	•	•	•	•	•					
500		•*		•*	•	•	•*	•	•*	•	•*	•	•*	•*	•*	•*	•	•	•	•	•	•	•				
560		•*		•*			•*		•*	•	•*	•	•*	•*	•*	•*	•	•	•	•	•	•	•	•			
600		•*		•*			•*		•*	•	•*	•	•	•*	•	•*	•	•	•	•	•	•	•	•			
630		•*		•*			•*		•*	•	•*	•	•	•*	•	•*	•	•	•	•	•	•	•	•	•		
710											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
800											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
900														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1000														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1120																		•	•	•	•	•	•	•	•	•	•
1250																		•	•	•	•	•	•	•	•	•	•

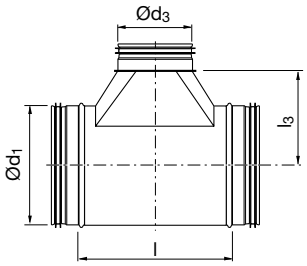
Comment: For more detailed information about technical data and measures see catalogue page for TCU

- Available dimensions
- * Only available in aluminum-zinc. When made in galvanized this dimension is pressed, see TCPU

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
www.eurovent-certification.com

Circular duct system

TU, tangential T-piece



Ød1 nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120	1250
80	•	•	•	•																							
100	•	•	•	•	•	•	•																				
112	•	•	•	•	•	•	•	•																			
125	•	•	•	•	•	•	•	•	•																		
140	•	•	•	•	•	•	•	•	•	•																	
150	•	•	•	•	•	•	•	•	•	•	•																
160	•	•	•	•	•	•	•	•	•	•	•																
180	•	•	•	•	•	•	•	•	•	•	•	•															
200	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
224	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•												
250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
280	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										
300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										
315	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
355		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
400		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
450				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
500				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
560									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
600									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
630									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
710											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
800											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
900														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1000														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1120																		•	•	•	•	•	•	•	•	•	•
1250																		•	•	•	•	•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for TU

- Available dimensions

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
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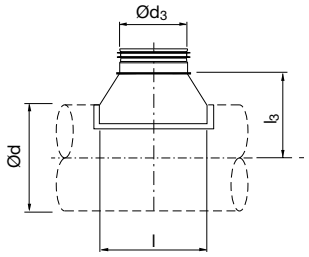
Lindab®

Circular duct system

TSTCU, centric T-piece



Ød nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120	1250
80	•*	•	•	•																							
100	•*	•*	•	•	•	•	•																				
112			•	•	•	•	•	•																			
125	•*	•*	•	•*	•	•	•	•	•																		
140	•		•			•	•	•	•	•																	
150	•		•				•	•	•	•	•																
160	•*	•*	•	•*			•*	•	•	•	•																
180	•		•	•	•	•	•		•	•	•	•															
200	•*	•*	•	•*			•*		•*	•	•	•	•	•													
224			•								•	•	•	•	•												
250		•*	•	•*			•*		•*		•*	•	•	•	•	•											
280			•								•	•	•	•	•	•	•										
300			•									•		•	•	•	•										
315	•*	•*	•	•*			•*		•*		•*	•		•*	•	•	•	•									
355			•									•		•	•	•	•	•	•								
400		•*	•	•*	•		•*	•	•*		•*	•		•*	•	•*	•	•	•	•	•						
450					•			•				•			•		•	•	•	•	•	•					
500					•			•				•			•		•	•	•	•	•	•	•				
560												•			•		•	•	•	•	•	•	•	•			
600												•			•		•	•	•	•	•	•	•	•			
630												•			•		•	•	•	•	•	•	•	•	•		
710											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
800											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
900														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1000														•	•	•	•	•	•	•	•	•	•	•	•	•	•
1120																		•	•	•	•	•	•	•	•	•	•
1250																		•	•	•	•	•	•	•	•	•	•

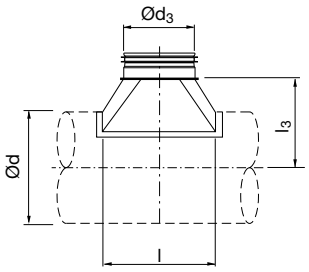
Comment: For more detailed information about technical data and measures see catalogue page for TSTCU

- Available dimensions
- * Only available in . When made in galvanized this dimension is pressed, see TCPU

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
www.eurovent-certification.com

Circular duct system

TSTU, tangential T-piece



Ød nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120	1250
80		•	•	•																							
100	•		•	•	•	•	•																				
112	•	•		•	•	•	•	•																			
125	•	•	•		•	•	•	•	•																		
140	•	•	•	•		•	•	•	•	•																	
150	•	•	•	•	•		•	•	•	•	•																
160	•	•	•	•	•	•		•	•	•	•																
180	•	•	•	•	•	•	•		•	•	•	•															
200	•	•	•	•	•	•	•	•		•	•	•	•	•													
224	•	•	•	•	•	•	•	•	•		•	•	•	•	•												
250	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•											
280	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•										
300	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•										
315	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•									
355		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•								
400		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•						
450				•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•					
500				•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•				
560									•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
600									•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			
630									•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		
710											•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	
800											•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
900														•	•	•	•	•	•	•	•	•	•		•	•	•
1000														•	•	•	•	•	•	•	•	•	•	•		•	•
1120																		•	•	•	•	•	•	•	•		•
1250																		•	•	•	•	•	•	•	•	•	

Comment: For more detailed information about technical data and measures see catalogue page for TSTU.

- Available dimensions

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
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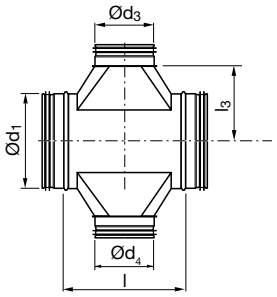
Lindab®

Circular duct system

XCU, centric X-piece



Ød1 nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120	1250
80	•																										
100	•	•																									
112	•	•	•																								
125	•	•	•	•																							
140	•	•	•	•	•																						
150	•	•	•	•	•	•																					
160	•	•	•	•	•	•	•																				
180	•	•	•	•	•	•	•	•																			
200	•	•	•	•	•	•	•	•	•																		
224	•	•	•	•	•	•	•	•	•	•																	
250	•	•	•	•	•	•	•	•	•	•	•																
280	•	•	•	•	•	•	•	•	•	•	•	•															
300	•	•	•	•	•	•	•	•	•	•	•	•	•														
315	•	•	•	•	•	•	•	•	•	•	•	•	•	•													
355		•	•	•	•	•	•	•	•	•	•	•	•	•	•												
400		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
450				•	•	•	•	•	•	•	•	•	•	•	•	•	•										
500				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
560									•	•	•	•	•	•	•	•	•	•	•								
600									•	•	•	•	•	•	•	•	•	•	•	•							
630									•	•	•	•	•	•	•	•	•	•	•	•	•						
710											•	•	•	•	•	•	•	•	•	•	•	•					
800											•	•	•	•	•	•	•	•	•	•	•	•	•				
900														•	•	•	•	•	•	•	•	•	•	•			
1000														•	•	•	•	•	•	•	•	•	•	•	•		
1120																		•	•	•	•	•	•	•	•	•	
1250																		•	•	•	•	•	•	•	•	•	•

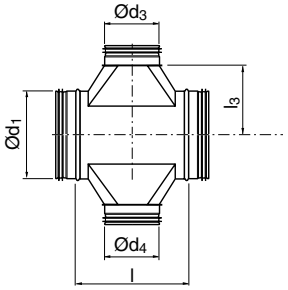
Comment: For more detailed information about technical data and measures see catalogue page for XCU.

- Available dimensions

EUROVENT CERTIFIED PERFORMANCE
DUCT-MC
Identification number 17.11.002
www.eurovent-certification.com

Circular duct system

XU, tangential X-piece



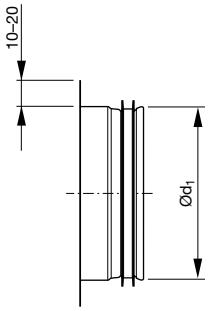
Ød1 nom	80	100	112	125	140	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1120
80																										
100	•																									
112	•	•																								
125	•	•	•																							
140	•	•	•	•																						
150	•	•	•	•	•																					
160	•	•	•	•	•	•																				
180	•	•	•	•	•	•	•																			
200	•	•	•	•	•	•	•	•																		
224	•	•	•	•	•	•	•	•	•																	
250	•	•	•	•	•	•	•	•	•	•																
280	•	•	•	•	•	•	•	•	•	•	•															
300	•	•	•	•	•	•	•	•	•	•	•	•														
315	•	•	•	•	•	•	•	•	•	•	•	•	•													
355		•	•	•	•	•	•	•	•	•	•	•	•	•												
400		•	•	•	•	•	•	•	•	•	•	•	•	•	•											
450				•	•	•	•	•	•	•	•	•	•	•	•	•										
500				•	•	•	•	•	•	•	•	•	•	•	•	•	•									
560									•	•	•	•	•	•	•	•	•	•								
600									•	•	•	•	•	•	•	•	•	•	•							
630									•	•	•	•	•	•	•	•	•	•	•	•						
710											•	•	•	•	•	•	•	•	•	•	•					
800											•	•	•	•	•	•	•	•	•	•	•	•				
900														•	•	•	•	•	•	•	•	•	•			
1000														•	•	•	•	•	•	•	•	•	•	•		
1120																		•	•	•	•	•	•	•	•	
1250																		•	•	•	•	•	•	•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for XU.

- Available dimensions

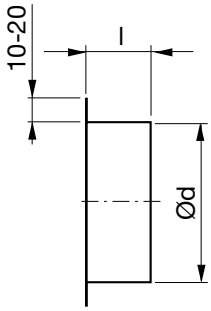
Circular duct system

ILU, take-off without radius



Ød1, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ILU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

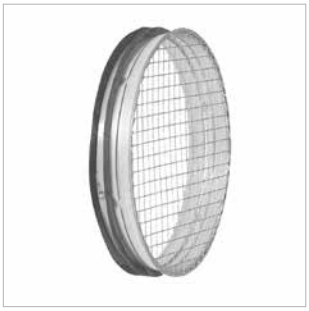
ILF, take-off without radius with female end

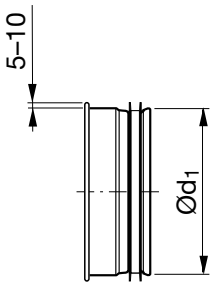


Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ILF.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

Circular duct system

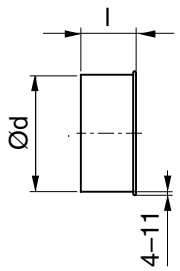
ESNU, take-off with mesh





Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ESNU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

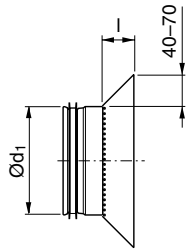
EPNF, take-off with mesh and female end



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for EPNF.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

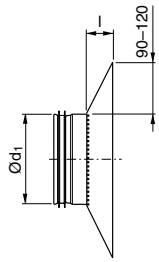
Circular duct system

ILKNU 50, take-off with mesh and cone



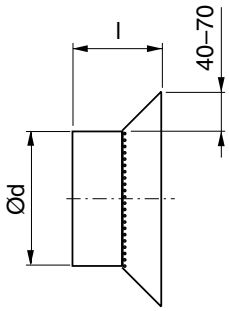
Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ILKNU 50.
100	
125	
160	
200	
250	
315	
400	
500	
630	
800	

ILKNU 100, take-off with mesh and cone



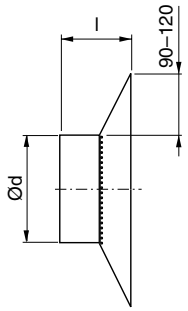
Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ILKNU 100.
100	
125	
160	
200	
250	
315	
400	
500	
630	
800	

ILKNF 50, take-off with mesh, cone and female end



Ød, nom	Comment
100	For more detailed information about technical data and measures see catalogue page for ILKNF 50.
125	
160	
200	
250	
315	
400	
500	
630	
800	

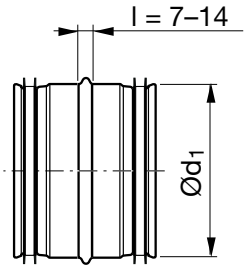
ILKNF 100, take-off with mesh, cone and female end



Ød, nom	Comment
100	For more detailed information about technical data and measures see catalogue page for ILKNF 100.
125	
160	
200	
250	
315	
400	
500	
630	
800	

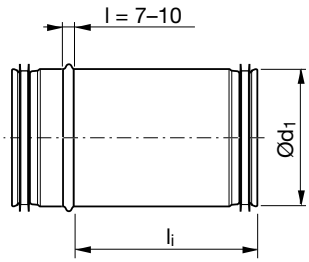
Circular duct system

NPU, coupling



Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for NPU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

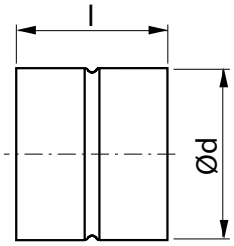
SNPU, slide-in coupling



Ød, nom	Comment
80	All dimensions available in nominal lengths 150 mm, 300 mm and 500 mm. For more detailed information about technical data and measures see catalogue page for SNPU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
630	
800	
1000	
1250	

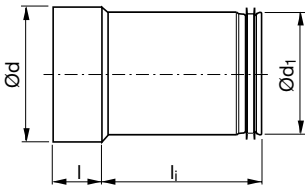
Circular duct system

MF, female coupling



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for MF.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

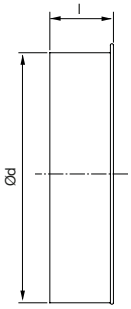
SMFU, slide-in female coupling



Ød1 nom	l mm	Comment
80	150, 300 or 500	For more detailed information about technical data and measures see catalogue page for SMFU.
100		
112		
125		
140		
150		
160		
180		
200		
224		
250		
280		
300		
315		
355		
400	300 or 500	
450		
500		
560		
630		
800	500	
1000		
1250		

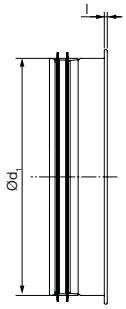
Circular duct system

EPF, end cap



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for EPF.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

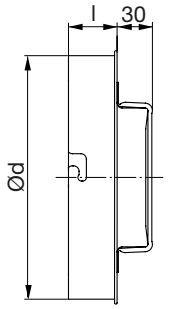
ESU, end cap



Ød1 nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ESU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	
710	
800	
900	
1000	
1120	
1250	

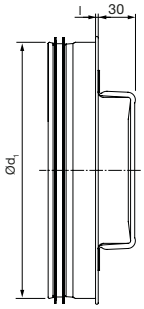
Circular duct system

EPFH, access door



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for EPFH.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
630	

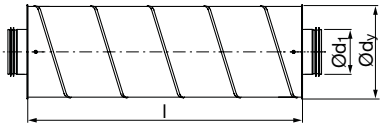
ESHU, access door



Ød1 nom	Comment
80	For more detailed information about technical data and measures see catalogue page for ESHU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
630	

Circular duct system

SLCU 50, circular straight silencer



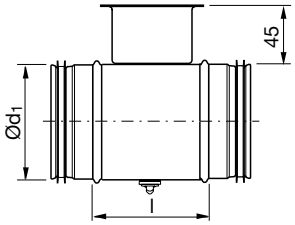
Ød$_1$ nom	l			
	300	600	900	1200
80	•	•	•	•
100	•	•	•	•
125	•	•	•	•
160	•	•	•	•
200	•	•	•	•
250		•	•	•
315		•	•	•
400		•	•	•

Comment: For more detailed information about technical data and measures see catalogue page for SLCU 50.

- Available lengths

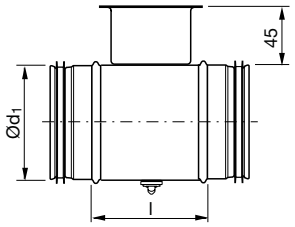
Circular duct system

DRU, regulating damper



Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for DRU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	

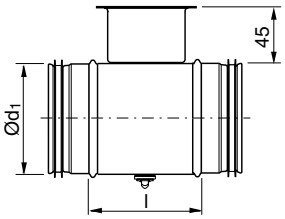
DSU, shut-off damper



Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for DSU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	

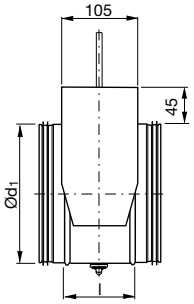
Circular duct system

DTU, shut-off damper



Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for DTU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	

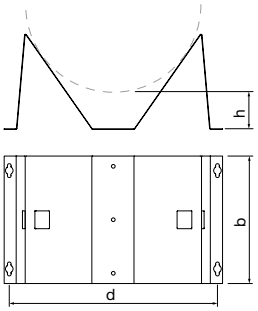
DTHU, shut-off damper with motor shelf



Ød, nom	Comment
80	For more detailed information about technical data and measures see catalogue page for DTHU.
100	
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	

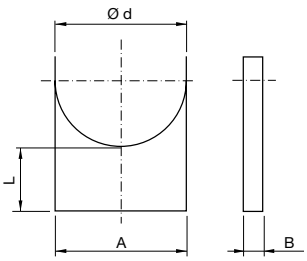
Duct suspension and support system

MDH, duct holder



Ød nom	Comment
100	For more detailed information about technical data and measures see catalogue page for MDH.
112	
125	
140	
150	
160	
180	
200	
224	
250	
280	
300	
315	
355	
400	
450	
500	
560	
600	
630	

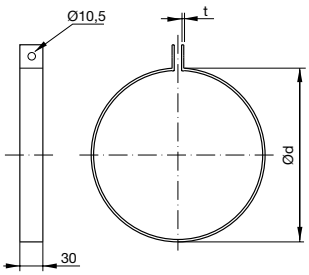
DH, duct holder



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for DH.
100	
125	
160	
200	
250	
315	
400	
500	
630	

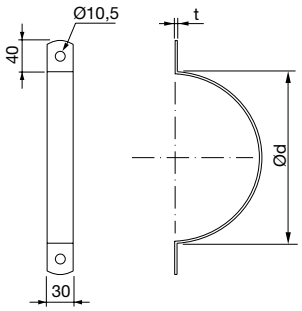
Duct suspension and support system

UV30, suspension rings



Ød nom	Comment
80	For more detailed information about technical data and measures see catalogue page for UV30.
100	
125	
160	
200	
250	
315	
400	
500	
630	
800	
1000	
1250	

UVH30, suspension rings



Ød nom	Comment
100	For more detailed information about technical data and measures see catalogue page for UVH30.
125	
160	
200	
250	
315	
400	
500	
630	
800	
1000	
1250	

Fasterners

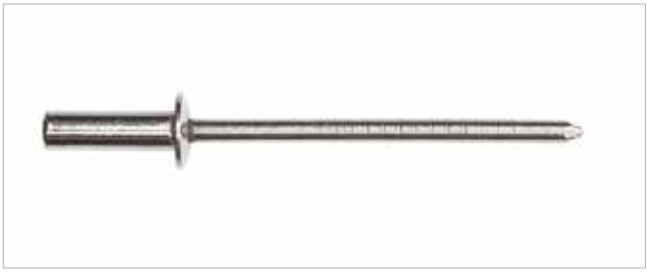
Drill screw, hexagon head

Type	Comment
TG10	For more detailed information about technical data and measures see technical information for TG
TG12	

Drill screw, convex head

Type	Comment
SH11	For more detailed information about technical data and measures see technical information for SH
SH12	

Blind rivet, pressure-tight



Type	Comment
RH13	For more detailed information about technical data and measures see technical information for RH
RH22	
RH31	
RH33	

Blind rivet, open

Type	Comment
RE12	For more detailed information about technical data and measures see technical information for RE
RE13	
RE14	
RE22	
RE24	

Good Thinking

At Lindab, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction