

DUCTEL office trunking systems

Quality in Focus





DUCTEL Twist – an office trunking system with a twist

Nordic Aluminium's DUCTEL Twist is a new office trunking system that offers several possibilities for distributing electricity, telecom and data. The turnable trunking TB 1740 with two cable spaces leaves the freedom of choice to the designer and the contractor. Both traditional and 45 mm outlets can be used, based on individual needs. As usual, the trunking can be installed on wall brackets with the small cable space on bottom of the trunking or alternatively with the small cable space at the top of the trunking. This enables an exceptionally large cabling space.



One corner piece

The DUCTEL Twist corner piece is extremely simple and easy to install, since the same product is used as external and internal corner. In addition, it allows a deviation of a few degrees in corner measurements. The piece is designed specifically with simple installation and stylish design in mind. The corner piece is available with anodised and painted white surface.



The new faster end plate

The DUCTEL Twist end plate is most simple to install. The attachment to the trunking is done without screws and tools. The snap-on attachment is pressed into place and the robust locking mechanism ensures a firm and reliable connection. The effortless installment also gives additional cost savings – less time, less effort and less working hours.



Versatile outlets

DUCTEL Twist can be fitted with both 45 mm and 80 mm outlets. All the small outlet openings in DUCTEL Twist series are suited for 45 mm outlets, which enables a slimmer and more slender appearance, without compromising in cabling space. The new TB 1340 trunking, with two 45 mm outlet openings, is an excellent example of the new generation of streamlined trunking systems.



DUCTEL Twist trunking system



DUCTEL Twist is available in painted white (RAL 9010) or natural anodised (EN 000) finishes and on order also in other RAL colours. The trunking and covers are delivered with protective film on the surfaces.



The DUCTEL Twist trunking can be installed either directly to the wall or using wall brackets. Uneven wall surfaces can be compensated with adjusting pieces. The opening behind trunking can be covered with a cover panel.



Developed especially for DUCTEL Twist, the new jointing pieces connect the trunkings reliably together.



The DUCTEL Twist corner piece is used as both the external and the internal corner. The easy-to-install corner is available with painted white and anodised finishes.



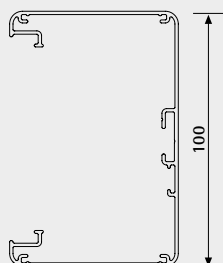
The jointing collars enable vertical trunking attachments to be made easily.



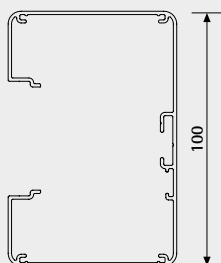
Mini trunkings are used for feeding cables in installations where there is no need for outlets. The larger mini trunkings are ideal for feeding horizontal trunkings.

DUCTEL Twist trunking selection

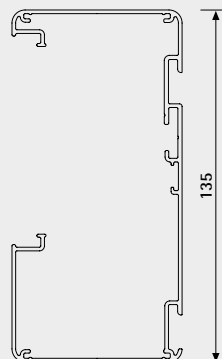
Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).
Depth 65 mm. Opening 40,5 mm or 72 mm.



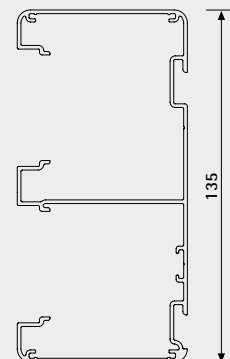
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TB 1010-1
TB 1010-3



Type
TB 1040-1
TB 1040-3

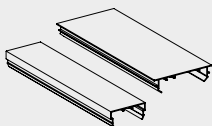


Type
TB 1310-1
TB 1310-3



Type
TB 1340-1
TB 1340-3

Cover section TB



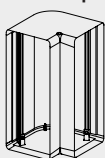
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TB 80-1
TB 80-3

Type
TB 45-1
TB 45-3

Type
TB 80-1
TB 80-3

Type
TB 45-1
TB 45-3

Corner piece TBC



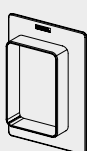
Type
TBC 100-1
TBC 100-3

Type
TBC 100-1
TBC 100-3

Type
TBC 135-1
TBC 135-3

Type
TBC 135-1
TBC 135-3

Wall collar TBO



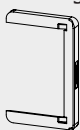
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TBP 100-3

Type
TBP 100-1
TBP 100-3

Type
TBP 135-1
TBP 135-3

Type
TBP 135-1
TBP 135-3

Joining collar TBL



Type
TBO 100-3

Type
TBO 100-3

Type
TBO 135-3

Type
TBO 135-3

End plate TBP



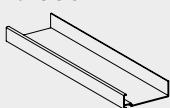
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TBL 10-3

Type
TBL 10-1
TBL 10-3

Type
TBL 13-1
TBL 13-3

Type
TBL 13-1
TBL 13-3

Partition TBH

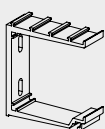


Type
TBH 1

Type
TBH 1

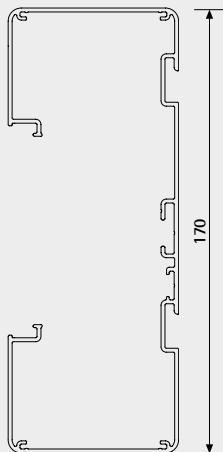
Type
TBH 1

Wall bracket TBE



Type
TBE 25
TBE 50
TBE 75
TBE 100
TBE 125

Type
TBE 25
TBE 50
TBE 75
TBE 100
TBE 125



Type
TB 1710-1
TB 1710-3

Type
TB 80-1
TB 80-3

Type
TBC 170-1
TBC 170-3

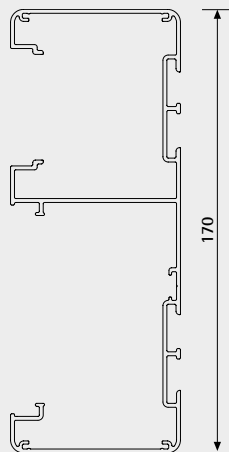
Type
TBO 170-3

Type
TBL 17-1
TBL 17-3

Type
TBP 170-1
TBP 170-3

Type
TBH 1

Type
TBE 25
TBE 50
TBE 75
TBE 100
TBE 125



Type
TB 1740-1
TB 1740-3

Type
TB 80-1
TB 80-3
TB 45-1
TB 45-3

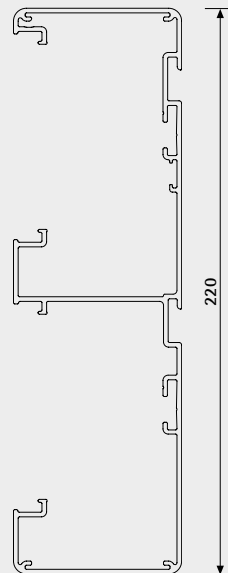
Type
TBC 170-1
TBC 170-3

Type
TBO 170-3

Type
TBL 17-1
TBL 17-3

Type
TBP 170-1
TBP 170-3

Type
TBE 25
TBE 50
TBE 75
TBE 100
TBE 125



Type
TB 2210-1
TB 2210-3

Type
TB 80-1
TB 80-3

Type
TBC 220-1
TBC 220-3

Type
TBO 220-3

Type
TBL 22-1
TBL 22-3

Type
TBP 220-1
TBL 220-3

Type
TBH 1

Type
TBE 25
TBE 50
TBE 75
TBE 100
TBE 125

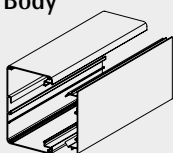
DUCTEL Twist products

Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

TB 1010

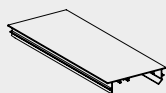
The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
This trunking cannot be installed on wall brackets.
The length of body and cover section is 3 m.

Body



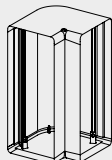
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1010-1	64100 14 419 30-1	Anodised	100 x 65 x 3000
TB 1010-3	64100 14 419 40-0	Painted white	100 x 65 x 3000

Cover



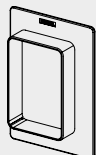
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000

Corner



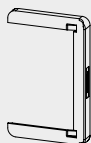
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 100-1	64100 14 419 60-8	Grey/anod. plastic/alum.	90 x 90 x 103
TBC 100-3	64100 14 419 65-3	White/painted plastic/alum.	90 x 90 x 103

Wall collar



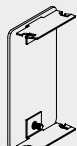
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 100-3	64100 14 207 40-3	White plastic	151 x 106 x 25

Jointing collar



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 10-1	64100 14 419 70-7	Grey plastic	105 x 67 x 12
TBL 10-3	64100 14 207 35-9	White plastic	105 x 67 x 12

End plate

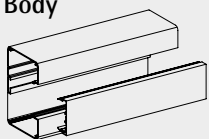


Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 100-1	64100 14 419 50-9	Anodised	100 x 65 x 24
TBP 100-3	64100 14 419 55-4	Painted white	100 x 65 x 24

TB 1040

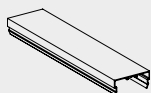
The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
This trunking cannot be installed on wall brackets.
The length of body and cover section is 3 m.

Body



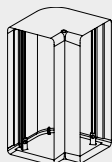
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1040-1	64100 14 419 31-8	Anodised	100 x 65 x 3000
TB 1040-3	64100 14 419 41-7	Painted white	100 x 65 x 3000

Cover



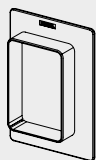
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 45-1	64100 14 419 38-7	Anodised	45 x 19 x 3000
TB 45-3	64100 14 419 48-6	Painted white	45 x 19 x 3000

Corner



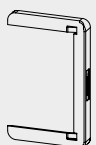
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 100-1	64100 14 419 60-8	Grey/anod. plastic/alum.	90 x 90 x 103
TBC 100-3	64100 14 419 65-3	White/painted plastic/alum.	90 x 90 x 103

Wall collar



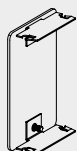
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 100-3	64100 14 207 40-3	White plastic	151 x 106 x 25

Joining collar



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 10-1	64100 14 419 70-7	Grey plastic	105 x 67 x 12
TBL 10-3	64100 14 207 35-9	White plastic	105 x 67 x 12

End plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 100-1	64100 14 419 50-9	Anodised	100 x 65 x 24
TBP 100-3	64100 14 419 55-4	Painted white	100 x 65 x 24

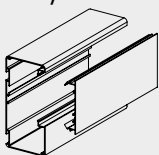
DUCTEL Twist products

Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

TB 1310

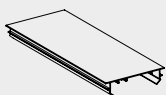
The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
The length of body and cover section is 3 m.

Body



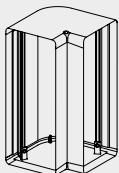
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1310-1	64100 14 419 32-5	Anodised	135 x 65 x 3000
TB 1310-3	64100 14 419 42-4	Painted white	135 x 65 x 3000

Cover



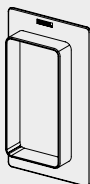
Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000

Corner



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 135-1	64100 14 419 61-5	Grey/anod. plastic/alum.	90 x 90 x 138
TBC 135-3	64100 14 419 66-0	White/painted plastic/alum.	90 x 90 x 138

Wall collar



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 135-3	64100 14 207 41-0	White plastic	186 x 106 x 25

Jointing collar



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 13-1	64100 14 419 71-4	Grey plastic	140 x 67 x 12
TBL 13-3	64100 14 207 36-6	White plastic	140 x 67 x 12

End plate

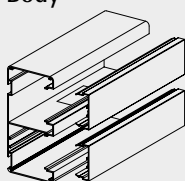


Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 135-1	64100 14 419 51-6	Anodised	135 x 65 x 24
TBP 135-3	64100 14 419 56-1	Painted white	135 x 65 x 24

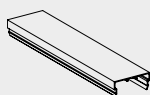
TB 1340

The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
The length of body and cover section is 3 m.

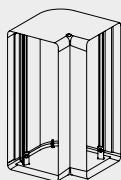
Body



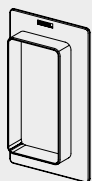
Cover



Corner



Wall collar



Joining collar



End plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1340-1	64100 14 419 33-2	Anodised	135 x 65 x 3000
TB 1340-3	64100 14 419 43-1	Painted white	135 x 65 x 3000

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 45-1	64100 14 419 38-7	Anodised	45 x 19 x 3000
TB 45-3	64100 14 419 48-6	Painted white	45 x 19 x 3000

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 135-1	64100 14 419 61-5	Grey/anod. plastic/alum.	90 x 90 x 138
TBC 135-3	64100 14 419 66-0	White/painted plastic/alum.	90 x 90 x 138

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 135-3	64100 14 207 41-0	White plastic	186 x 106 x 25

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 13-1	64100 14 419 71-4	Grey plastic	140 x 67 x 12
TBL 13-3	64100 14 207 36-6	White plastic	140 x 67 x 12

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 135-1	64100 14 419 51-6	Anodised	135 x 65 x 24
TBP 135-3	64100 14 419 56-1	Painted white	135 x 65 x 24

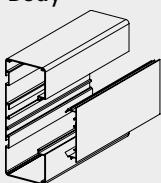
DUCTEL Twist products

Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

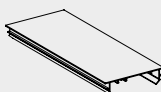
TB 1710

The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
The length of body and cover section is 3 m.

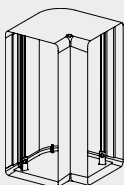
Body



Cover



Corner



Wall collar



Joining collar



End plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1710-1	64100 14 419 34 -9	Anodised	135 x 65 x 3000
TB 1710-3	64100 14 419 44 -8	Painted white	135 x 65 x 3000

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31 -1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32 -8	Painted white	80 x 19 x 3000

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 135-1	64100 14 419 61 -5	Grey/anod. plastic/alum.	90 x 90 x 138
TBC 135-3	64100 14 419 66 -0	White/painted plastic/alum.	90 x 90 x 138

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 135-3	64100 14 207 41 -0	White plastic	186 x 106 x 25

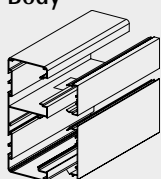
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 13-1	64100 14 419 71 -4	Grey plastic	140 x 67 x 12
TBL 13-3	64100 14 207 36 -6	White plastic	140 x 67 x 12

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 135-1	64100 14 419 51 -6	Anodised	135 x 65 x 24
TBP 135-3	64100 14 419 56 -1	Painted white	135 x 65 x 24

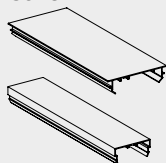
TB 1740

The cable space can be divided by partitions into several sections.
The trunking is grooved for earthing clamp TBM 1.
The length of body and cover section is 3 m.

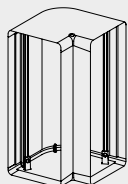
Body



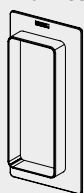
Cover



Corner



Wall collar



Joining collar



End plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 1740-1	64100 14 419 35 -6	Anodised	170 x 65 x 3000
TB 1740-3	64100 14 419 45 -5	Painted white	170 x 65 x 3000

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31 -1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32 -8	Painted white	80 x 19 x 3000
TB 45-1	64100 14 419 38 -7	Anodised 45 x	19 x 3000
TB 45-3	64100 14 419 48 -6	Painted white	45 x 19 x 3000

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 170-1	64100 14 419 62 -2	Grey/anod. plastic/alum.	90 x 90 x 173
TBC 170-3	64100 14 419 67 -7	White/painted plastic/alum.	90 x 90 x 173

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 170-3	64100 14 207 42 -7	White plastic	221 x 106 x 25

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 17-1	64100 14 419 72 -1	Grey plastic	175 x 67 x 12
TBL 17-3	64100 14 207 37 -3	White plastic	175 x 67 x 12

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 170-1	64100 14 419 52 -3	Anodised	170 x 65 x 24
TBP 170-3	64100 14 419 57 -8	Painted white	170 x 65 x 24

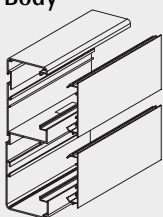
DUCTEL Twist products

Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

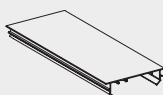
TB 2210

The cable space can be divided by partitions into several sections. The partition is punched with 50 x 21 mm holes, hole distribution 320 mm. The trunking is grooved for earthing clamp TBM 1. The length of body and cover section is 3 m.

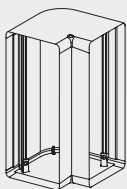
Body



Cover



Corner



Wall collar



Jointing collar



End plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 2210-1	64100 14 419 36-3	Anodised	220 x 65 x 3000
TB 2210-3	64100 14 419 46-2	Painted white	220 x 65 x 3000

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBC 220-1	64100 14 419 63-9	Grey/anod. plastic/alum.	90 x 90 x 223
TBC 220-3	64100 14 419 68-4	White/painted plastic/alum.	90 x 90 x 223

Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBO 220-3	64100 14 207 43-4	White plastic	271 x 106 x 25

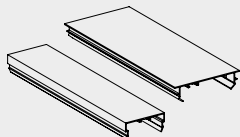
Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBL 22-1	64100 14 419 73-8	Grey plastic	225 x 67 x 12
TBL 22-3	64100 14 207 38-0	White plastic	225 x 67 x 12

Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TBP 220-1	64100 14 419 53-0	Anodised	220 x 65 x 24
TBP 220-3	64100 14 419 58-5	Painted white	220 x 65 x 24

DUCTEL accessories

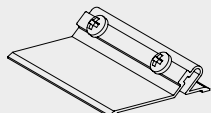
Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

Covers



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000
TB 45-1	64100 14 419 38-7	Anodised	45 x 19 x 3000
TB 45-3	64100 14 419 48-6	Painted white	45 x 19 x 3000

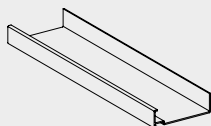
Joining piece



Type	EAN code	Material	Measurements (width) x (depth) x (length) mm
TBJ 1	64100 14 419 24-0	Aluminium	53 x 12 x 70

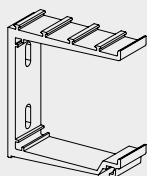
Joining piece screws M5 x 10 mm pzd nro 2.

Partition



Type	EAN code	Material	Measurements (width) x (depth) x (length) mm
TBH 1	64100 14 206 39-5	Aluminium	52 x 15 x 3000

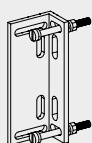
Wall brackets



Type	EAN code	Trunking distance from the wall (mm)
TBE 25	64100 14 206 31-4	25
TBE 50	64100 14 206 32-1	50
TBE 75	64100 14 206 33-8	75
TBE 100	64100 14 206 34-5	100
TBE 125	64100 14 206 35-2	125

The wall brackets are manufactured from aluminium profile.
The top edge of trunking goes 50 mm above the center of the top hole.

Adjusting piece

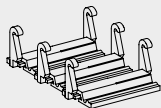


Type	EAN code	Material
TBE 1	64100 14 206 36-9	Aluminium

Can be used with wall brackets, where adjustability is needed.

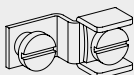
DUCTEL accessories

Panel clip



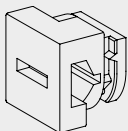
Type	EAN code	Material	Measurements (width) x (depth) mm	Panel usage:	
				Bracket	No. clips
TBE 3	64100 14 206 37-6	Plastic	73 x 40	TBE 25	1/3
The clip is pushed to wall bracket from the side. The clip is suitable for TBE 75 wall bracket as such. When using smaller wall brackets, pieces are to be removed from the panel clip and when using larger wall brackets, panel clips are added to the bracket.				TBE 50	2/3
				TBE 75	1
				TBE 100	1 1/3
				TBE 125	1 2/3

Earthing clamp



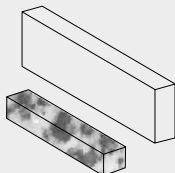
Type	EAN code	Material
TBM 1	64100 14 206 47-5	Steel
The clamp is used for earthing the trunkings and covers. The clamp can be installed with max. 2 pcs of 4 mm ² Cu-conductors.		

Fastening clamp



Type	EAN code	Material
TBK 1	64100 14 206 48-2	Plastic
Used for attaching cables to the bottom of trunking with max. 5 mm cable tie. Delivered without cable tie. Attachment to earthing clamp groove, cannot be used in mini trunkings TBA 102, TBA 202, TBA 302 and TBA 652.		

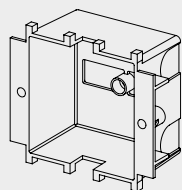
Sound absorbers



Type	EAN code	Measurements (width) x (depth) x (length) mm
XTBO 304	64100 14 200 66-4	32 x 30 x 300
XTBO 308	64100 14 200 67-1	74 x 30 x 300
The sound absorbers can be used to dampen sound transfer from room to room through office trunkings. Can be attached to trunking covers with adhesive surface. To be glued on plates on each side of the wall. The pieces are manufactured from open pore foam plastic.		

DUCTEL accessories

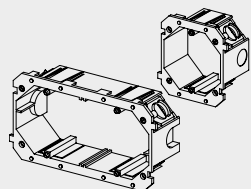
Mounting box



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
XTBF 1211	64100 14 203 16-0	Grey plastic	78 x 50 x 95

The mounting box is used with Strömfors power outlets.
The mounting box is fitted to the trunking with a mounting base, which comes with the box.
The mounting box does not include a strain relief.

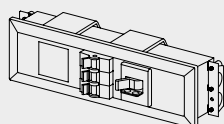
Mounting boxes



Type	EAN code	Colour/material	Measurements (width) x (depth) x (length) mm
TBF 1	64100 14 206 40-6	Blue plastic	79 x 42,5 x 79
TBF 2	64100 14 206 41-3	Blue plastic	79 x 42,5 x 150

Only single phase deep mountable boxes can be used, maximum attachment ring size on TBF 1 is 71 x 71 mm and TBF 2 is 71 x 142 mm. The maximum amount of cap connectors is 5, when using the mounting box as a distributing box. The mounting box is fitted into the trunking by pressing it in place. 2 pcs of strain reliefs included.

Group centers



Type	EAN code	Colour/material	16 A line protection automat
XTBR 3-3	64100 14 203 97-9	White plastic	3 single-phase

The group centers have a 40 A three-phase main switch and 3 single-phase 16 A (B) line protection automats and zero- and protective earthing busbars. The extension of supply line is possible from the main switch connectors, if the conductor cross-section is max. 6 mm². The group centers are attached to the trunking with a mounting base, which is included in the group center.

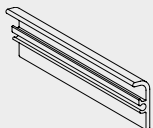
Trunking measurements: length 300 mm, width 78 mm, depth 52 mm
Cover measurements: length 285 mm, width 85 mm
Installation instructions: www.nordicaluminium.fi

Installation instructions: www.nordicaluminium.fi

DUCTEL accessories

Surface treatments in product numbers:
-1 anodised (EN 000), -3 white (RAL 9010).

Panels



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm	No. of panels Wall Panels brackets
TBE 20-1	64100 14 206 30-4	Anodised	24 x 9 x 3000	TBE 25 1
TBE 20-3	64100 14 207 30-2	Painted white	24 x 9 x 3000	TBE 50 2 TBE 75 3 TBE 100 4 TBE 125 5

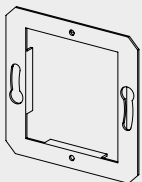
Connection pin



Type	EAN code	Material	Measurements (width) x (depth) mm
TBJ 8	64100 14 206 51-2	Steel	3 x 18

For extending mini trunkings TBA 302, 652, 10, 18 and panels TBE 20-1 JA TBE 20-3.

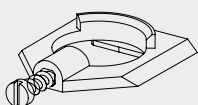
Fitting ring



Type	EAN code	Material	Measurements (width) x (depth) x (length) mm
TBF 12	64100 14 206 45-1	Steel	70 x 70 x 5

To be used with TBF 1 ja TBF 2 mounting boxes for turning the fitting screws into horizontal position.
Used mainly with antenna mountings.

Strain relief



Type	EAN code	Colour
TBF 11	64100 14 206 44-4	Black

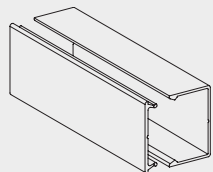
Strain reliefs for mounting boxes TBF 1 and TBF 2.

DUCTEL mini trunkings

The mini trunkings are used for feeding cabling in installations, where there is no need for outlets. DUCTEL Twist mini trunkings are ideal for feeding horizontal trunkings. All parts of the wall mountable trunkings are manufactured from aluminium. The trunking and cover lengths are 3 m, except for TBA 102 ja TBA 12 (length 2,5 m). Surface treatments in product numbers: -1 anodised (EN 000), -3 white (RAL 9010).

TBA 202

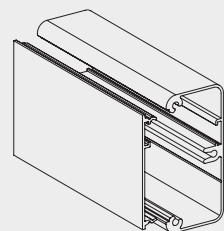
Body and cover



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
Body			
TBA 202-1	64100 14 206 82-6	Anodised	32 x 20,5 x 3000
TBA 202-3	64100 14 207 82-3	Painted white	32 x 20,5 x 3000
Cover			
TBA 22-1	64100 14 206 86-4	Anodised	32 x 6 x 3000
TBA 22-3	64100 14 207 86-1	Painted white	32 x 6 x 300

TBA 302

Body, cover and end plate

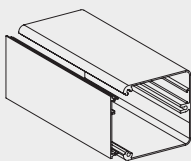


Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
Body			
TBA 302-1	64100 14 206 81-9	Anodised	65 x 30 x 3000
TBA 302-3	64100 14 207 81-6	Painted white	65 x 30 x 3000
Cover			
TBA 32-1	64100 14 206 85-7	Anodised	54 x 7,5 x 3000
TBA 32-3	64100 14 207 85-4	Painted white	54 x 7,5 x 3000
End plate			
TBD 30-1	64100 14 206 89-5	Anodised	65 x 30
TBD 30-3	64100 14 207 89-2	Painted white	65 x 30

DUCTEL mini trunkings

TBA 652

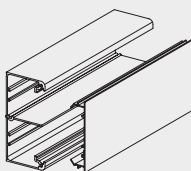
Body, cover and end plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
Body			
TBA 652-1	64100 14 206 80-2	Anodised	65 x 65 x 3000
TBA 652-3	64100 14 207 80-9	Painted white	65 x 65 x 3000
Cover			
TBA 32-1	64100 14 206 85-7	Anodised	54 x 7,5 x 3000
TBA 32-3	64100 14 207 85-4	Painted white	54 x 7,5 x 3000
End plate			
TBD 65-1	64100 14 206 88-8	Anodised	65 x 65
TBD 65-3	64100 14 207 88-5	Painted white	65 x 65

TBA 10

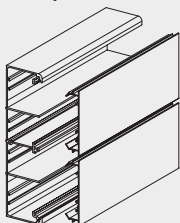
Body, cover and end plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
Body			
TBA 10-1	64100 14 206 06-2	Anodised	100 x 49 x 3000
TBA 10-3	64100 14 207 16-8	Painted white	100 x 49 x 3000
Cover			
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000
End plate			
TBD 100-1	64100 14 206 90-1	Anodised	100 x 49
TBD 100-3	64100 14 207 90-8	Painted white	100 x 49

TBA 18

Body, cover and end plate



Type	EAN code	Surface treatment/colour	Measurements (width) x (depth) x (length) mm
Body			
TBA 18-1	64100 14 206 07-9	Anodised	184 x 49 x 3000
TBA 18-3	64100 14 207 17-5	Painted white	184 x 49 x 3000
Cover			
TB 80-1	64100 14 207 31-1	Anodised	80 x 19 x 3000
TB 80-3	64100 14 207 32-8	Painted white	80 x 19 x 3000
End plate			
TBD 180-1	64100 14 206 91-8	Anodised	184 x 49
TBD 180-3	64100 14 207 91-5	Painted white	184 x 49

DUCTEL Twist is safe

Damping electric and magnetic fields

Damping electric and magnetic fields in office and working spaces can be achieved by using aluminium office trunkings. By grounding the trunking, these fields can be dampened even more effectively. Based on the measurements by the Finnish Institute of Occupational Health and the Swedish Construction Federation, the electric and magnetic fields of office trunking systems clearly pass below the recommended figures of the International Radiation Protection Association. We will happily provide a copy of the measuring results made by the Finnish Institute of Occupational Health, if wanted.

Soundproofing structural lead-throughs

DUCTEL Twist accessories include open pore, fireproof foam plastic sound absorbers. The absorbers, which are glued to the trunking covers, do not make the trunking completely soundproof, but dampen sounds transferred from room to room through the office trunkings. Thanks to the slim design, the cabling capacity of the trunkings is not compromised. VTT, the Technical Research Centre of Finland has measured the soundproofing capabilities of office trunkings according to ISO 140-10:1991 (E) and ISO 717-1:1982 (E) -standards. The measured unit noise reduction values $D_{n,e}$ varied between 50–80 dB, depending on frequency and type of trunking. The emphasised unit noise reduction values $D_{n,e,w}$ were 69–71 dB. We will happily provide a copy of VTT measurements, if wanted.

DUCTEL Lite installation trunking system



Lite is a new installation trunking system that complements the **DUCTEL® Twist** product family. The u-design in the bottom and cover stiffens the trunking and makes the installation easier and quicker. Because of the stiffness and stability the trunking will maintain its fine condition over the years. The smooth surface is easy to keep clean and it will not attract dust. Factory made installation parts ensure a finished and neat result.



Safe

The shockproof aluminum trunking is an excellent choice for public spaces and conditions where heavy use is part of everyday life, e.g. schools, hotel rooms, stairways, offices and commercial and technical premises.

The cover will be locked when installed and it can be opened only with a tool. The trunking is perfectly suitable for wiring the camera and surveillance systems. Installation trunking is also vandal resistant and maintenance free.

The system is fire-safe. Aluminum won't increase the fire load and the installation parts are V0-fire protected. TBA40 system applies for installations made inside as well as outside because of the UV-resistant materials.



Installation friendly

Mounting is made to walls or ceilings with screws or stickers. The cover is fastened with a snap-on technique. The cover and bottom are sawed to the same length so there won't be time consuming notches. Working is easy also at the site. The marks from hand sawing are covered with the installation parts.

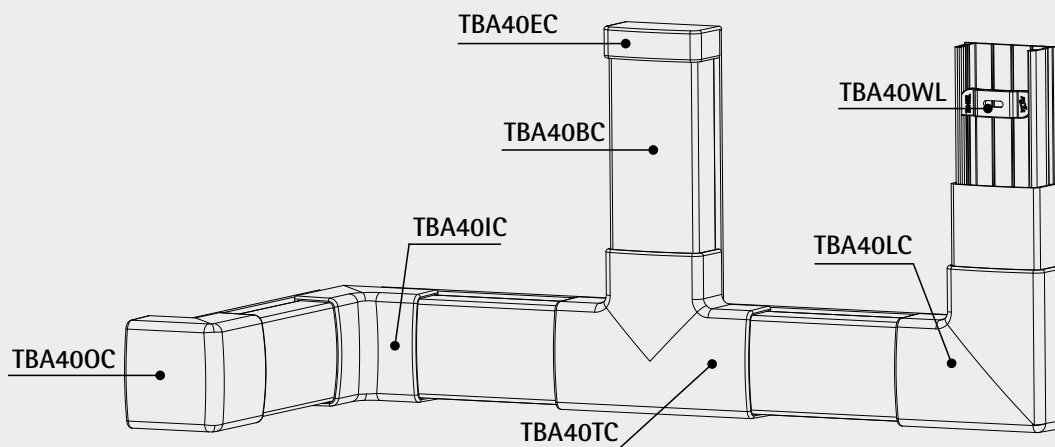
The structure solution of the bottom and cover enables also space-saving corner installations.

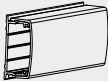
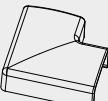
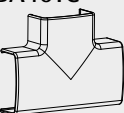
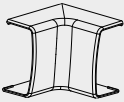
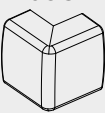
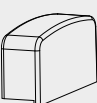

The quick mounted cable locks provide an easier and faster installation, especially when it comes to roof installations.

Eco-friendly

Aluminum trunking, installation parts and package materials are fully recyclable.

The new installation trunking system is an excellent choice for long life cycle destinations because of its structural strength and material durability.



Product	Type	EAN code	Dimensions (mm) (w) x (d) x (l)	Surface treatment/color	PCS/ package
TBA40BC 	TBA40BC-1 BA40BC-3	6410014414061 6410014414122	40 x 19 x 2500 40 x 19 x 2500	Anodized White	1/20 1/20
TBA40LC 	TBA40LC-1 TBA40LC-3	6410014414184 6410014414191	60 x 19 x 60 60 x 19 x 60	Grey White	1/50 1/50
TBA40TC 	TBA40TC-1 TBA40TC-3	6410014414252 6410014414313	60 x 19 x 80 60 x 19 x 80	Grey White0	1/50 1/50
TBA40IC 	TBA40IC- TBA40IC-	1 6410014414375 3 6410014414382	40 x 39 x 39 40 x 39 x 39	Grey White	1/50 1/50
TBA40OC 	TBA40OC- TBA40OC-	1 6410014414399 3 6410014414450	40 x 39 x 39 40 x 39 x 39	Grey White	1/50 1/50
TBA40EC 	TBA40EC- TBA40EC-	1 6410014414511 1 6410014414511	20 x 12 x 40 20 x 12 x 40	Grey Grey	1/50 1/50
TBA40WL 	TBA40WL-	3 6410014414580	10 x 3 x 30	White	200/1000

Installation trunking TBA40BC is delivered bottom and cover packed together. The sales unit is pcs. The installation parts are packed individually in plastic so they will remain clean and scratch free. Surface treatment/color: -1 anodized C-0-05 (EN000)/-1 painted grey RAL7040 and -3 painted white RAL9010.



Bureau Veritas Assurance has approved our
Quality Management System to the following
Quality Management Standards:
ISO 9001:2008



Bureau Veritas Quality Assurance has approved our
Environmental Management System to the following
Environmental Management System Standards:
ISO 14001:2001

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