



Connection Solutions  
4Workplaces

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**general  
catalogue**  
2011 - 2012



## K45 MINI-COLUMNS



Offices



Laboratories



**DIRECT SNAP-FIT**

### 4 K45 MINI-COLUMN MODELS

#### Simplicity

- 1 face



#### Compact

- 1 face for VDM
- 1 side for Schukos (ref. K01/..)



#### For 4 workstations Maximum capacity

- 4 faces



#### For 2 workstations Aesthetics

- 2 faces
- Oval shaped



### Flush-mount power supply

(Cables embedded in paving or under raised floor)

K45 mini-columns are installed directly using floor attachment foot.



### Supplied with all necessary materials for installation

With **only one reference**, the K45 mini-columns are supplied complete and installation-ready: foot for floor attachment, top and side covers and fastenings.

*Mechanisms, electrical sockets and plates from page 72*



### Power supply through floor trunking

(Floor trunking 85x18 and 130x18)  
The adaptor ALKA02/8 provides for K45 mini-columns installation at the bases of the floor trunking and power is supplied through the mini-column.

*Floor trunking and bases on page 114*



### Configuration example of cable access through embedded tubes



	Quantity	Ref./Finish	Description
Covering	1	<b>ALK115/8</b>	K45 Mini-column No. 1, 70x60, one side for 5 mechanisms
Electrical sockets and plates	2	<b>K11/9</b>	K45 electrical socket, Schuko. Quick terminal connection, white
	2	<b>K11/6</b>	K45 electrical socket, Schuko. Quick terminal connection, red
	2	<b>AC11</b>	Connection block for multi-sockets
	1	<b>KB96U/9</b>	K45 flat V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	<b>K66</b>	90° positioner for K45 VDM plates

Aluminium  
Anodised

Pure white  
Ral 9010

Graphite grey  
Ral 7021

/8

/9

/14

## K45 MINI-COLUMNS

### 1 Side 70x60 mm

- ALK115 /8** 5 K45 mechanisms per side
- ALK116 /8** 6 K45 mechanisms per side
- ALK117 /8** 7 K45 mechanisms per side

No limitations in housing mechanisms

### 2 Side oval 110x80 mm

- ALK724 /8** 4 K45 mechanisms per side
- ALK725 /8** 5 K45 mechanisms per side
- ALK726 /8** 6 K45 mechanisms per side

No limitations in housing mechanisms

### 2 Side square 80x80 mm

- ALK224 /8** 4 K45 mechanisms per side
- ALK225 /8** 5 K45 mechanisms per side
- ALK227 /8** 7 K45 mechanisms per side

Designed for electrical bases with screw terminal connections on 1 side and VDM on the opposite side.

### 4 Sides 125x125 mm

- ALK544 /8** 4 K45 mechanisms per side
- ALK545 /8** 5 K45 mechanisms per side
- ALK546 /8** 6 K45 mechanisms per side

Does not allow electrical sockets with quick terminal connection on 2 of the 4 faces. No restrictions for other mechanisms.

## Spare parts

### Mini-column invisible fixed foot



**RALK005 /8**  
1 Side ALK11x/8



**RALK007 /8**  
2 Sides square  
ALK22x/8



**RALK006 /8**  
2 Sides oval  
ALK72x/8



**RALK008 /8**  
4 Sides ALK54x/8

### End cover



**RALK009 /8**  
1 Side ALK11x/8



**RALK011 /8**  
2 Sides square  
ALK22x/8



**RALK010 /8**  
2 Sides oval  
ALK72x/8



**RALK012 /8**  
4 Sides ALK54x/8

## K45 Installation accessories



**K66**  
**Mechanism Adaptation**  
K45 90° positioner for  
VDM plates  
[+ information page 80](#)



**K106A/..**  
**Protection**  
K45 circuit-breaker  
[+ information page 76](#)



**K100B/..**  
**Multimedia Plates**  
1 VGA connector plate  
[+ information page 82](#)



**K11/..**  
**Electrical sockets**  
Quick-connection terminals  
[+ information page 74](#)



**KB95U/..**  
**VD plates**  
VD plate with connector  
[+ information page 78](#)

## Configuration example of cable access through floor trunking

Front face

Rear face



	Quantity	Ref./Finish	Description
Covering	1	<b>ALK227/8</b>	K45 Mini-column No. 2, 80x80, 7 mechanisms on each side
Electrical sockets and plates	4	<b>K01/9</b>	K45 electrical socket, Schuko, white
	1	<b>KF04A/9</b>	K45 plate with 10A bipolar automatic circuit-breaker, curve C, white
	1	<b>KB8096U/9</b>	K45 angled V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	<b>K66</b>	90° positioner for K45 VDM plates
	1	<b>K101B/9</b>	K45 multimedia plate with 2 RCA audio connectors, white Screw connection
	1	<b>K128B/9</b>	K45 multimedia plate with 1 USB connector type A, female. Screw connection
	2	<b>K122/9</b>	K45 Multimedia plate for 1 XLR male or female connector, white
	1	<b>KTA804/8</b>	Base for tiled floor trunking
	1	<b>ALKA02/8</b>	Adapter for base
	1	<b>TF21172/8</b>	Aluminium trunking for paved floor

Technical details  
[See page 170](#)



## K45 COLUMNS



### Easy to install

The column is secured to the ceiling by pressure, without the need for screwing into the ground or the structure.

### Highly varied range

There are 4 different section models depending on the number of connection sides, from 1 to 4, in which an unlimited number of mechanisms can be installed.

### Installation mobility

The columns are **secured by pressure** on the floor slab. They do not have to be bolted to the floor, and it is therefore very easy to reconfigure the distribution of workstations.



*CIMA columns with finishes in white and graphite on page 34*

### Supplied with all necessary materials for installation

With only one reference, the K45 columns are supplied complete and installation-ready: floor attachment foot, ceiling trim, telescopic assembly for securing to the floor slab, aluminium covers and fastenings.

*Mechanisms, electrical sockets and plates from page 72*



### **i** Configuration example of a column for a supermarket checkout



Covering	Quantity	Ref./Finish	Description
	1	<b>ALK1100/8</b>	Column, 70x60, one side, length 3 m.
Electrical sockets and plates	1	<b>K11/9</b>	K45 electrical socket, Schuko. Quick terminal connection, white
	2	<b>K11/6</b>	K45 electrical socket, Schuko. Quick terminal connection, red
	1	<b>AC11</b>	Connection block for multi-sockets
	1	<b>KB8096U/9</b>	K45 angled V&D plate with 2 RJ45 connectors, Cat. 6 UTP, white
	1	<b>K66</b>	K45 90° positioner for VDM plates

## K45 COLUMNS

### 1 Side 70x60 mm

**ALK1100 /8** 1 side. 3 m.

No limitations in housing mechanisms

### 2 Sides square 80x80 mm

**ALK2200 /8** 2 Sides, square 3 m.

Designed for electrical bases with screw terminal connections on 1 side and VDM on the opposite side.

### 2 Sides oval 110x80 mm

**ALK7200 /8** 2 Sides, oval 3 m.

No limitations in housing mechanisms

### 4 Sides 125x125 mm

**ALK5400 /8** 4 Sides. 3 m.

Does not allow electrical sockets with quick terminal connection on 2 of the 4 faces. No restrictions for other mechanisms.

Fastening support length: 0.5 m

### Column Extension 2 sides, square

Includes connector pins

0  
Optional

**ALK22P05 /8** 0.5 m extension

**ALK22P10 /8** 1 m extension

**ALK22P15 /8** 1.5 m extension

Section length of the column: 3 m. Fastening support length: 0.5 m

### Column Extension 2 sides, oval

Includes connector pins

0  
Optional

**ALK72P05 /8** 0.5 m extension

**ALK72P10 /8** 1 m extension

**ALK72P15 /8** 1.5 m extension

Section length of the column: 3 m. Fastening support length: 0.5 m

### Column extension 4 sides

Includes connector pins

0  
Optional

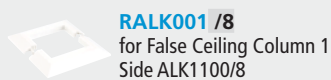
**ALK54P05 /8** 0.5 m extension

**ALK54P10 /8** 1 m extension

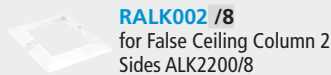
**ALK54P15 /8** 1.5 m extension

## Spare parts

### Ring trim



**RALK001 /8**  
for False Ceiling Column 1 Side ALK1100/8



**RALK002 /8**  
for False Ceiling Column 2 Sides ALK2200/8



**RALK003 /8**  
for False Ceiling Column 2 Sides oval ALK7200/8



**RALK004 /8**  
for False Ceiling Column 4 Sides ALK5400/8

### Front cover



**RALK013 /8**  
3 m for K45 columns ALK11X/8, ALK22X/8 and ALK54X/8

**RALK014 /8**  
3 m for K45 Columns ALK72X/8

## K45 Installation accessories



**K66**  
**Mechanism Adaptation**  
K45 90° positioner for VDM plates  
[+ information page 80](#)



**K106A/..**  
**Protection**  
K45 circuit-breaker  
[+ information page 76](#)



**K100B/..**  
**Multimedia Plates**  
1 VGA connector plate  
[+ information page 82](#)



**K111..**  
**Electrical sockets**  
Quick-connection terminals  
[+ information page 74](#)



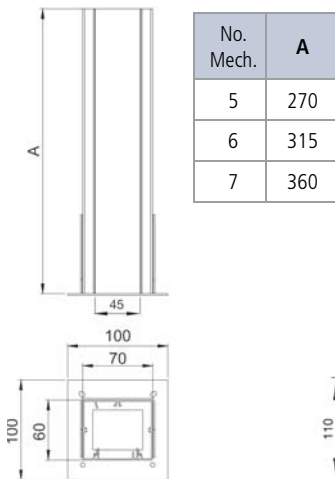
**KB95U/..**  
**VD plates**  
VD plate with connector  
[+ information page 78](#)

## K45 MINI-COLUMNS AND COLUMNS

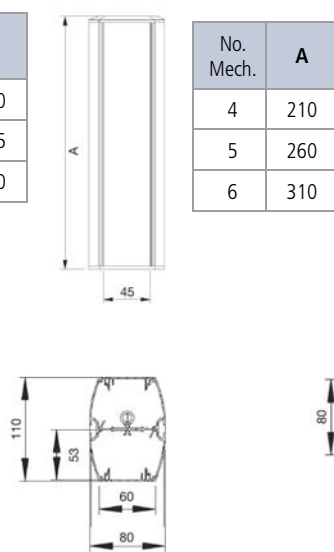
- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- CE marked product.
- IP protection level: 4x.
- The recommended temperature range during installation is: - 25°C to + 120°C.
- The maximum temperature during construction work is + 120°C.
- Manufactured in Anodised Aluminium/Painted.

### Mini-columns

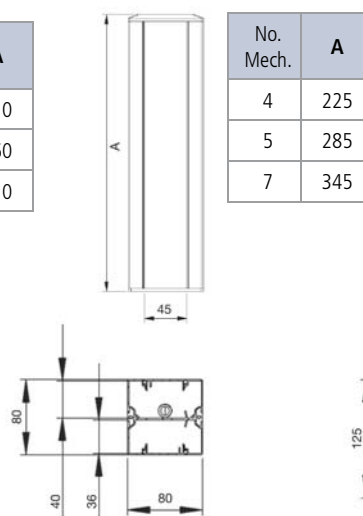
Ref. **ALK1XX/8**  
1 Side



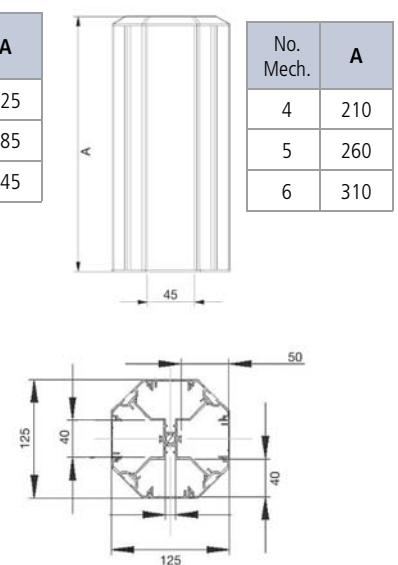
Ref. **ALK7XX/8**  
2 Sides oval



Ref. **ALK2XX/8**  
2 Sides square



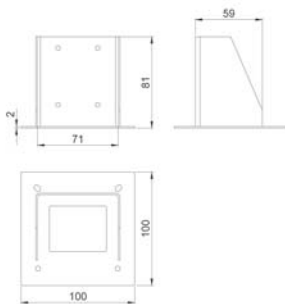
Ref. **ALK5XX/8**  
4 Sides



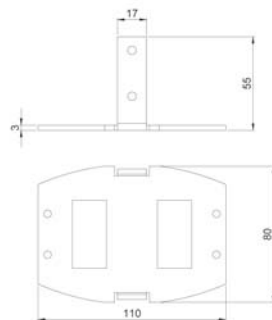
### Spare Parts Mini-columns

#### Invisible fixed foot

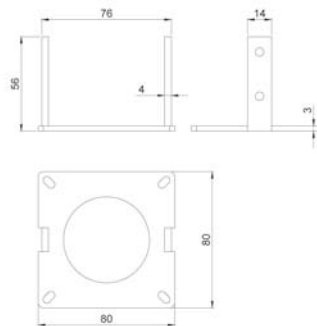
Ref. **RALK005/8**



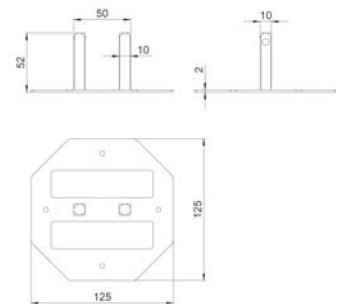
Ref. **RALK006/8**



Ref. **RALK007/8**

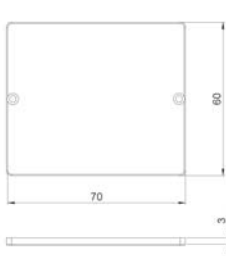


Ref. **RALK008/8**

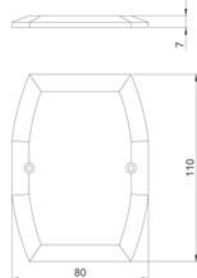


#### End cover

Ref. **RALK009/8**



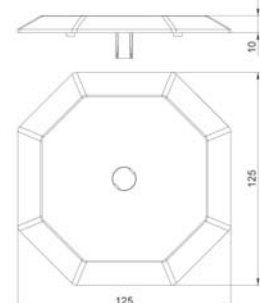
Ref. **RALK010/8**



Ref. **RALK011/8**



Ref. **RALK012/8**

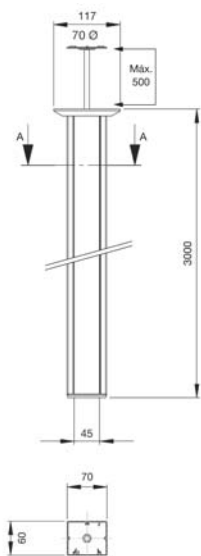


Measurements in mm

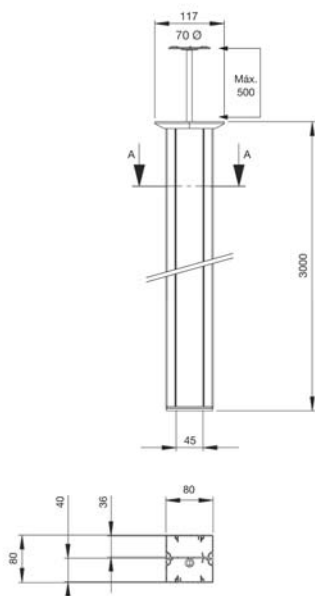
## K45 MINI-COLUMNS AND COLUMNS

### Columns

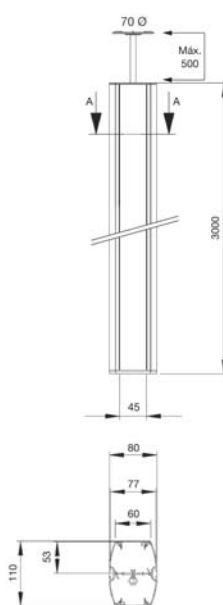
Ref. ALK1100/8  
1 Side



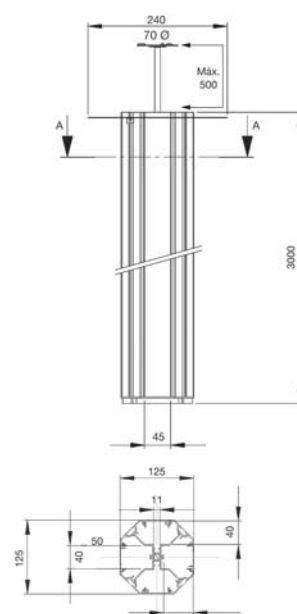
Ref. AL2200/8  
2 Sides square



Ref. ALK7200/8  
2 Sides oval



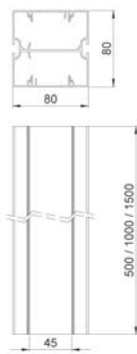
Ref. ALK5400/8  
4 Sides



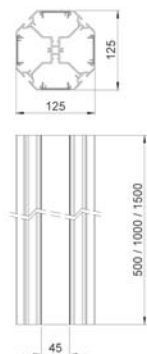
N.B.  
500 mm telescopic guide, maximum length

### Column Extensions

Ref. ALK22PXX/8



Ref. ALK54PXX/8



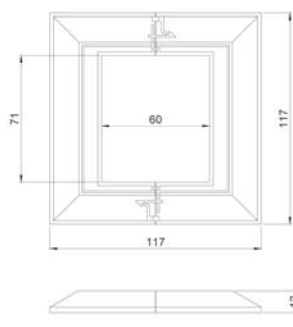
Ref. ALK72PXX/8



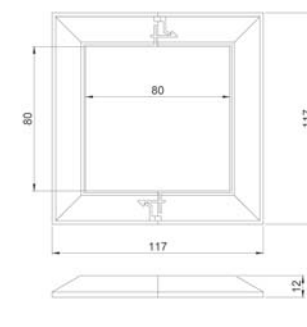
### Column spare parts

#### Ring trim

Ref. RALK001/8

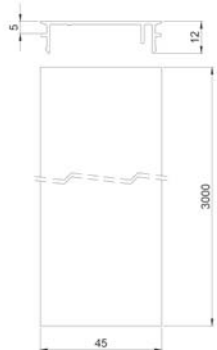


Ref. RALK002/8

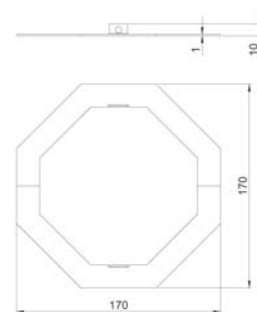
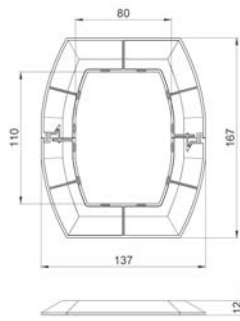
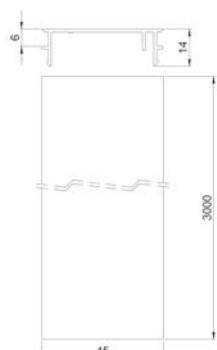


### Front cover

Ref. RALK013/8



Ref. RALK014/8



Measurements in mm