



Connection Solutions  
4Workplaces

**simon**  
connect

**general  
catalogue**  
2011 - 2012



## K45 PVC AND ALUMINIUM TRUNKING

### C Specifications:

- Material: PVC and anodised-aluminium trunking.
- White and painted-aluminium thermoplastic accessories (except 70x50).
- Direct integration of Simon K45 mechanisms.
- Trunking length: 2 metres sections.
- Protective film.
- IP protection level: 4x.
- Impact resistance: IK07, medium.
- Does not propagate flames.

### Complies with:

- Directive 2006/95/EC.
- Low voltage electrotechnical regulations, Royal Decree 842/2002
- Harmonised standard UNE-EN-50.085.
- Regulations for Common Telecommunication Infrastructures (RICT) RD 401/2003.
- RoHS directive.
- EC-marked product.

### ✓ Quick and easy installation

#### K45 direct snap-fit mechanisms

Enables the assembly of all the mechanisms in the K45 range **without needing any accessories**, which affords great savings in assembly time and therefore reduces installation costs.



### ✓ Installation safety



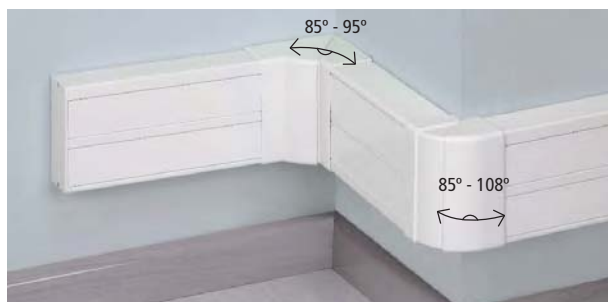
#### Separation of electrical and VDM circuits

The **interior separations**, which are pressure-fitted without using tools, and the **double or triple fixed compartmentalisation** of the trunkings enables insulation and improved organisation of the electrical and telecommunications cables.



### ✓ Increased flexibility

**Variable angle pieces in pure white or aluminium.** Allow better adaptation of the trunking to the unevenness of a wall.





#### T-PIECE EARTH JUNCTIONS

Maintain the IP4X level in the installation and hide the trunking cuts in the T-piece earth connections from any size of trunking to trunking with a width of 90, 130 or 160 mm.



#### STIFFENER

By placing the stiffener on either side of the assembly of electrical sockets or any plate in K45 format, **increased rigidity can be achieved for the fastening of mechanisms and plates** to the trunking.

This accessory also acts as a trim for the cover connections.



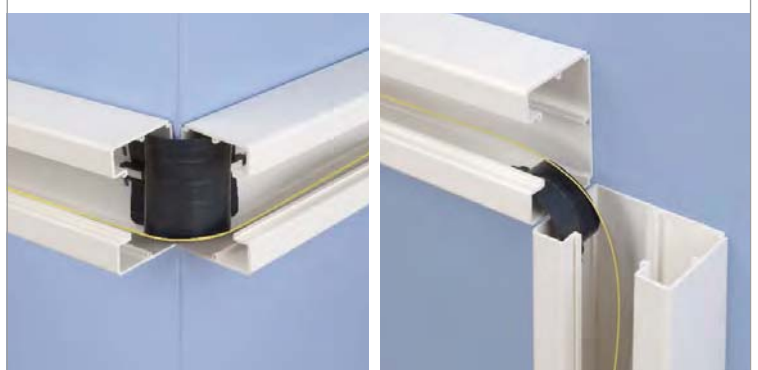
#### JUNCTION TO MINI-TRUNKING AND PVC CABLE ADAPTER TRUNKING

Simply by cutting the piece along the perforated line, it adapts to the desired mini-trunking size.



#### OUTER RADIUS OF CURVATURE





They protect the telecommunications cables and afford them an optimum curvature radius for each type of corner piece.




#### FLAT RADIUS OF CURVATURE




## PVC TRUNKING FOR K45 MECHANISMS

Trunking	Accessories			
 <ul style="list-style-type: none"> <li>PVC/Pure white</li> <li>Length: 2 m</li> </ul>	 <p>Flat angle piece</p>	 <p>Variable external angle piece</p>	 <p>Variable internal angle piece</p>	 <p>End cover</p>


### 90x55 mm 1 compartment

 <p>The 90x55 trunking is supplied with 1 stiffener every 0.5 m</p> <p><b>TK12081 /9</b></p>	<b>TKA101208 /9</b>	<b>TKA102208 /9</b>	<b>TKA103208 /9</b>	<b>TKA905502 /9</b>
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### 130x55 mm 2 compartments

 <p><b>TK12102 /9</b></p>	<b>TKA1305505 /9</b>	<b>TKA1305506 /9</b>	<b>TKA1305507 /9</b>	<b>TKA1305502 /9</b>
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### 160x55 mm 2 compartments

 <p><b>TK12122 /9</b></p>	<b>TKA101212 /9</b>	<b>TKA1605506 /9</b>	<b>TKA1605507 /9</b>	<b>TKA1605502 /9</b>
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### 185x55 mm 3 compartments

 <p><b>TK12143 /9</b></p>	<b>TKA101214 /9</b>	<b>TKA1855506 /9</b>	<b>TKA1855507 /9</b>	<b>TKA1855502 /9</b>
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### Functional accessories



**TKA901 /9**  
K45 Trunking stiffener  
Provides rigidity to the mechanism fastening. Cover splice joint trim. Supplied in 90x55-mm trunking



**TKA902**  
PVC divider  
(1000x45 mm)  
Supplied in 1 metre sections.



**TKA903**  
Section connecting pin  
Connects parts of sections and helps to level and provide a better finish.

### Spare Parts PVC K45 trunking



**RTT001 /9**  
Front cover for K45 PVC trunking. 2 m.





				
Sealing ring	T junction	Junction to mini-trunking 10x22, 20x30, 20x50 and 40x60	Flat radius of curvature	Outer radius of curvature

<b>TKA105208 /9</b>	to 90x55 <b>TKA106208 /9</b>	<b>TKA107 /9</b>	<b>TKA108</b>	<b>TKA109</b>
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<b>TKA1305508 /9</b>	to 90x55 <b>TKA106208 /9</b> to 130x55 <b>TKA106210 /9</b>	<b>TKA107 /9</b>	<b>TKA108</b>	<b>TKA109</b>
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<b>TKA105212 /9</b>	to 90x55 <b>TKA106208 /9</b> to 130x55 <b>TKA106210 /9</b> to 160x55 <b>TKA106212 /9</b>	<b>TKA107 /9</b>	<b>TKA108</b>	<b>TKA109</b>
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<b>TKA105214 /9</b>	to 90x55 <b>TKA106208 /9</b> to 130x55 <b>TKA106210 /9</b> to 160x55 <b>TKA106212 /9</b>	<b>TKA107 /9</b>	<b>TKA108</b>	<b>TKA109</b>
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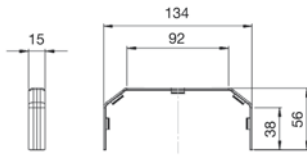
<b>K45 Installation accessories</b>				
	<b>KS11/..</b> Electrical sockets Quick terminal connection <i>+ information page 74</i>	<b>K106A/..</b> Protection K45 circuit-breaker <i>+ information page 76</i>	<b>KB95U/..</b> VD plates K45 VD plate with connectors <i>+ information page 78</i>	<b>K100B/..</b> Multimedia Plates K45 Plate 1 VGA connector <i>+ information page 82</i>

## PVC AND ALUMINIUM K45 TRUNKING

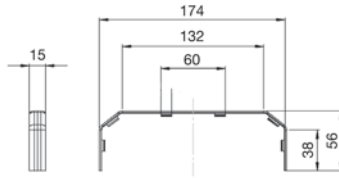
### PVC AND ALUMINIUM CABLOMAX ACCESSORIES

#### Sealing ring

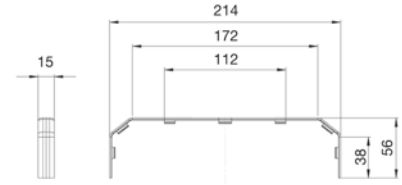
Ref. [TKA005210/..](#) 130x55



Ref. [TKA005213/..](#) 170x55



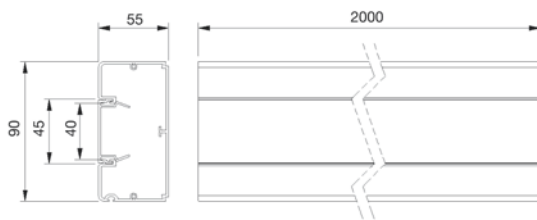
Ref. [TKA005216/..](#) 210x55



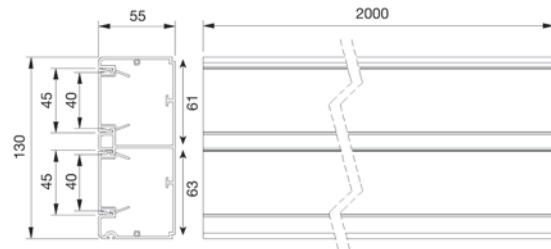
## PVC K45 TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Resistance level: IK07, medium.
- Manufactured out of thermoplastic material, which guarantees the non-propagation of flames in the event of a fire.

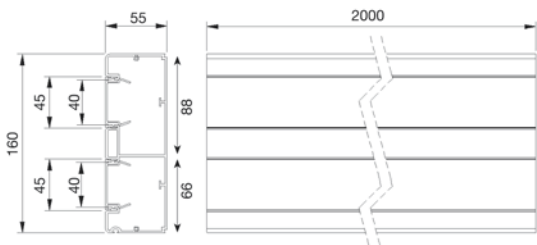
Ref. [TK12081/9](#) 90x55



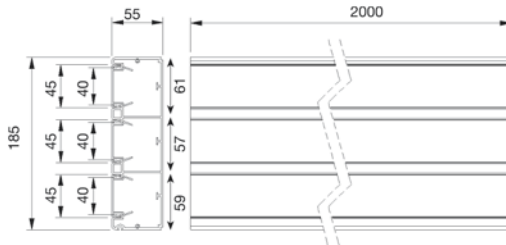
Ref. [TK12102/9](#) 130x55



Ref. [TK12122/9](#) 160x55



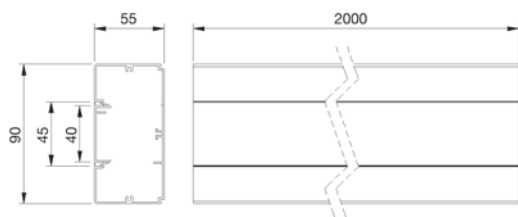
Ref. [TK12143/9](#) 185x55



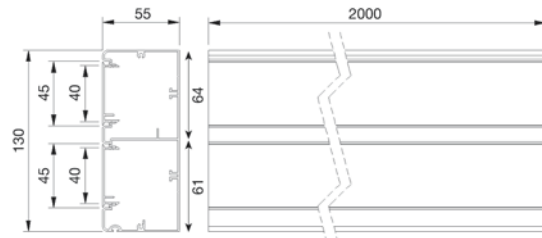
## ALUMINIUM K45 TRUNKING

- Product designed according to the Safety Requirements of Directive 2006/95/EC (Low Voltage) through standard UNE-EN-50.085.
- Compliant with Spanish ICT regulations according to Royal Decree 401/2003, section 8, "Safety requirements between installations".
- CE marked product.
- IP protection level: 4x.
- Sections made from anodised aluminium with painted aluminium accessories.

Ref. [TK11081/8](#) 90x55 compartment



Ref. [TK11102/8](#) 130x55 compartments

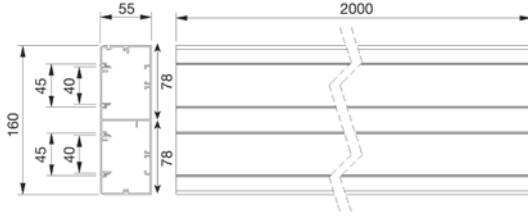


Measurements in mm

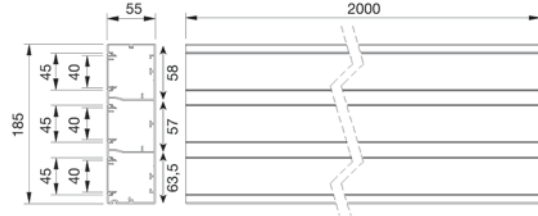
# Technical information

## ALUMINIUM K45 TRUNKING

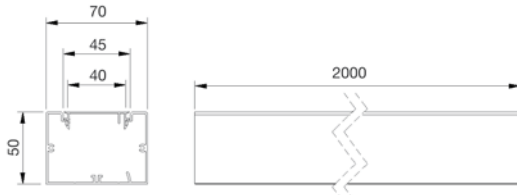
Ref. [TK11122/8](#) 160x55 2 compartments



Ref. [TK11143/8](#) 185x55 3 compartments

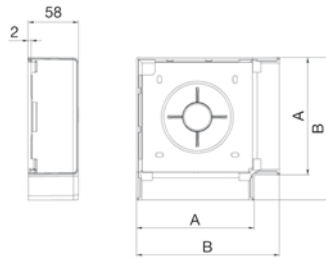


Ref. [TK11071/8](#) 70x50 1 compartment



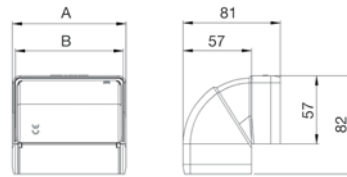
## K45 PVC AND ALUMINIUM COMMON ACCESSORIES

### Flat angle piece



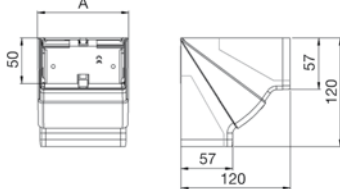
Trunking model	A	B
90x55	95	123
130x55	134	163
160x55	164	195
185x55	190	219

### External angle piece



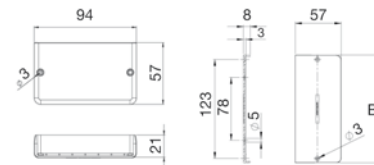
Trunking model	A	B
90x55	95	90
130x55	136	130
160x55	164	160
185x55	187	185

### Internal angle piece



Trunking model	A
90x55	94
130x55	134
160x55	168
185x55	189

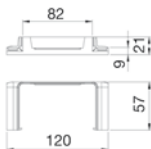
### End cover



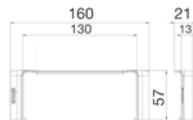
Trunking model	B
90x55	94
130x55	134
160x55	163
185x55	188

### T junction

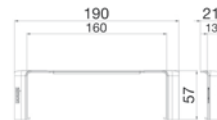
Ref. [TKA106208/..](#) to 90x55



Ref. [TKA106210/..](#) at 130x55

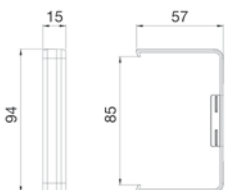


Ref. [TKA106212/..](#) at 160x55

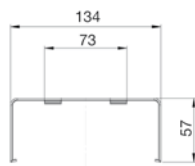


### Sealing ring

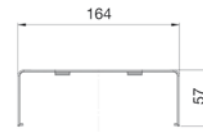
Ref. [TKA105208/..](#) 90x55



Ref. [TKA1305508/..](#) 130x55



Ref. [TKA105212/..](#) 160x55



Ref. [TKA105214/..](#) 185x55



Measurements in mm