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.

DIRECT
SNAP-FIT
Click

Installation safety


VDM
VOICE, DATA &
MULTIMEDIA

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.

85º - 95º
85º - 108º

85º - 95º
85º - 108º
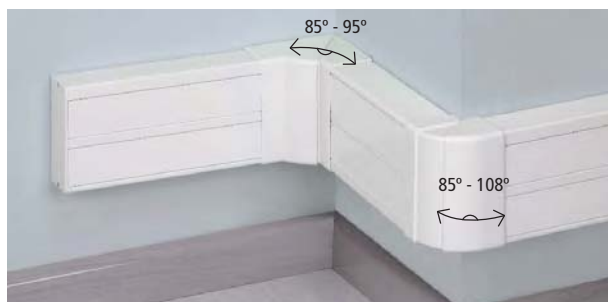
T-PIECE EARTH JUNCTIONS

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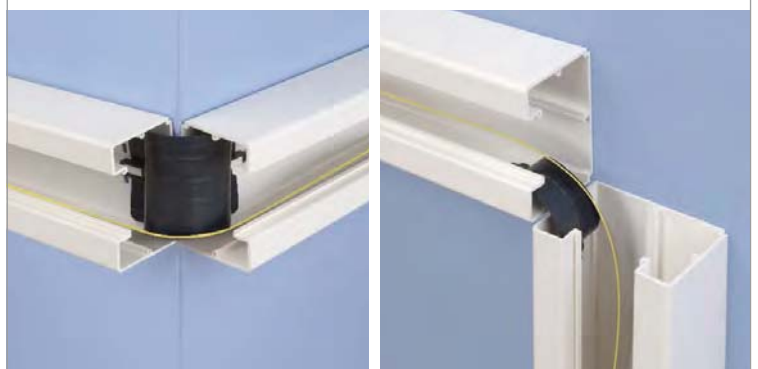
This accessory also acts as a trim for the cover connections.

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.

From 10x22 mm
to 40x60 mm

OUTER RADIUS OF CURVATURE

FLAT RADIUS OF CURVATURE

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

Simon
TRUNKING

ALUMINIUM TRUNKING FOR K45 MECHANISMS

DIRECT SNAP-FIT
Click

Trunking	Accessories			
• Anodised aluminium • Length: 2 m	Flat angle piece (Painted aluminium)	Variable outer angle piece (Painted aluminium)	Variable inner angle piece (Painted aluminium)	End cover (Painted aluminium)
90x55 mm **1 compartment** **TK11081 /8**	TKA101208 /8	TKA102208 /8	TKA103208 /8	TKA905502 /8
130x55 mm **2 compartments** **TK11102 /8**	TKA10305505 /8	TKA1305506 /8	TKA1305507 /8	TKA1305502 /8
160x55 mm **2 compartments** **TK11122 /8**	TKA101212 /8	TKA1605506 /8	TKA1605507 /8	TKA1605502 /8
185x55 mm **3 compartments** **TK11143 /8**	TKA101214 /8	TKA1855506 /8	TKA1855507 /8	TKA1855502 /8

70x50 mm **1 compartment**	Accessories for 70x50 mm stainless-steel trunking			
	Universal Accessory (flat corner piece and junction)	Fixed external angle piece	Fixed internal angle piece	End cover (Stainless steel)
TK11071 /8 *	TKA101307 /8	TKA102307 /8	TKA103307 /8	TKA104307 /8

*The 70x50 mm trunking model does not allow the assembly of multi-sockets ref. K11/.., K22/.., KS11/.. and KS22/..

Functional accessories

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

TKA903
 1 U section joint pin
 Connects parts of sections and helps to level and provide a better finish.

TKA904
 Cable with faston connector for 120 mm earth connection
 For earthing sections

Anodised aluminium	Pale grey Ral 7035
/8	/24

Splice plate (Painted aluminium)	T junction (Painted aluminium)	Flat radius of curvature	Outer radius of curvature

TKA105208 /8	to 90x55 **TKA106208** /8	**TKA108**	**TKA109**

TKA1305508 /8	to 90x55 **TKA106208** /8 to 130x55 **TKA106210** /8	**TKA108**	**TKA109**

TKA105212 /8	to 90x55 **TKA106208** /8 to 130x55 **TKA106210** /8 to 160x55 **TKA106212** /8	**TKA108**	**TKA109**

TKA105214 /8	to 90x55 **TKA106208** /8 to 130x55 **TKA106210** /8 to 160x55 **TKA106212** /8	**TKA108**	**TKA109**

End cover (ABS grey finish)	Splice plate	Spare Parts Aluminium K45 Trunking		
TKA104207 /24	**TKA105307** /8		**RTT001** /8 **Aluminium K45 trunking cover 2 m. Anodised aluminium**	**RTP002** /8 **Aluminium K45 trunking section 70x50 mm Anodised aluminium**

K45 Installation accessories

K11/..
Electrical sockets
Quick terminal connection
+ information page 74

K106A/..
Protection
K45 circuit-breaker
+ information page 76

KB95U/..
VD plates
K45 VD plate with connectors
+ information page 78

K100B/..
Multimedia Plates
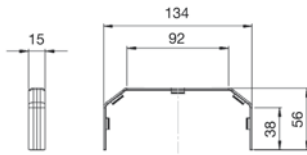K45 Plate 1 VGA connector
+ information page 82

Technical details
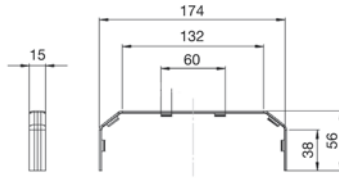*See page 184*

Trunking section
See page 193

Simon TRUNKING

PVC AND ALUMINIUM K45 TRUNKING
PVC AND ALUMINIUM CABLOMAX ACCESSORIES
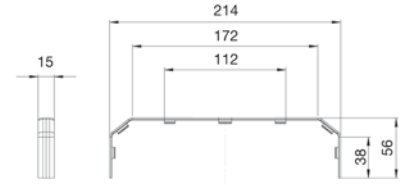### Sealing ring

Ref. TKA005210/.. **130x55**
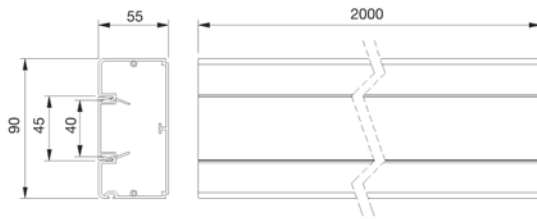
Ref. TKA005213/.. **170x55**
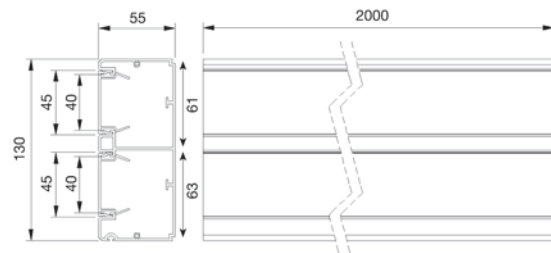
Ref. TKA005216/.. **210x55**

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".

- C€ 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**
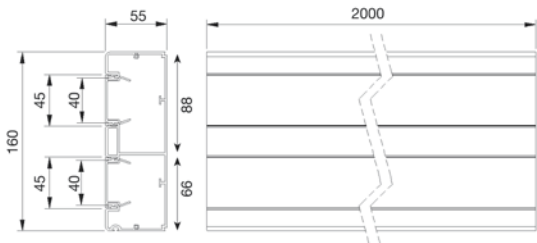
Ref. TK12143/9 **185x55**
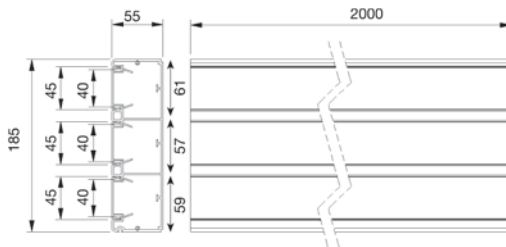
ALUMINIUM K45 TRUNKING

- 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".

- C€ marked product.
- IP protection level: 4x.
- Sections made from anodised aluminium with painted aluminium accessories.

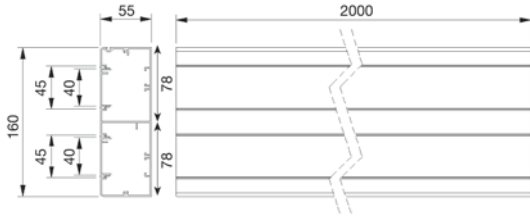Ref. TK11081/8 **90x55** compartment
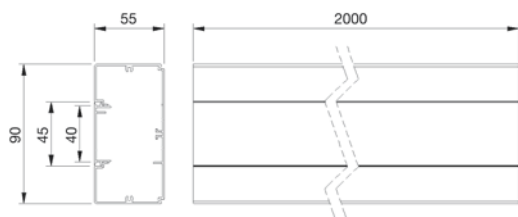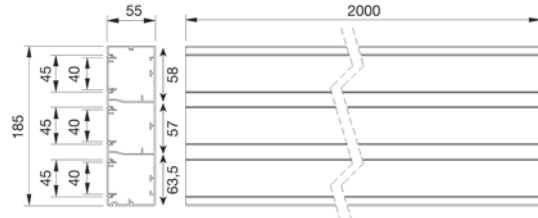
Ref. TK11102/8 **130x55** compartments
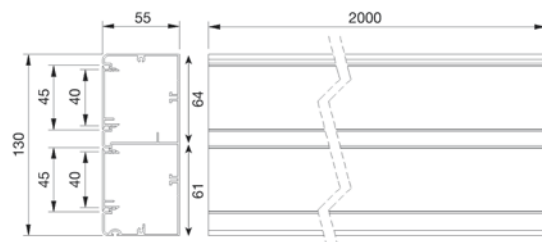
Measurements in mm
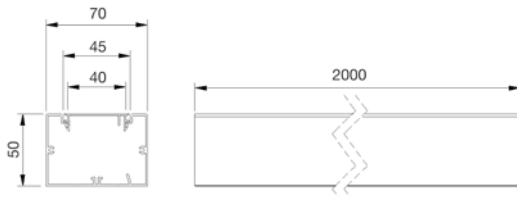
ALUMINIUM K45 TRUNKING

Ref. TK11122/8 **160x55** 2 compartments

Ref. TK11143/8 **185x55** 3 compartments
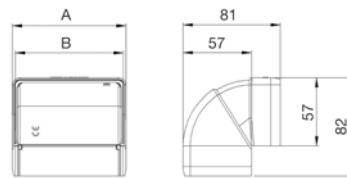
Ref. TK11071/8 **70x50** 1 compartment

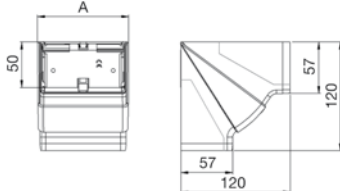### K45 PVC AND ALUMINIUM COMMON ACCESSORIES

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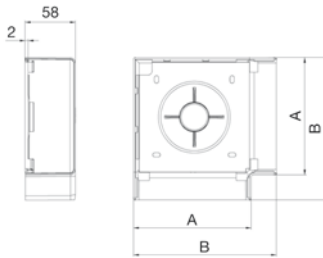
Trunking model	A	B
90x55	95	123
130x55	134	163
160x55	164	195
185x55	190	219

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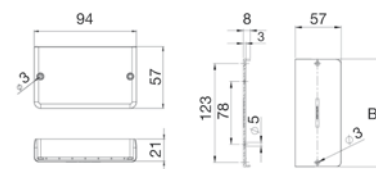
Trunking model	B
90x55	94
130x55	134
160x55	163
185x55	188

T junction

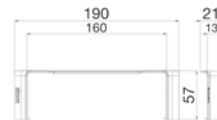Ref. TKA106208/.. **to 90x55**
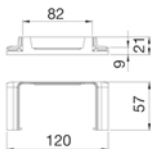
Ref. TKA106210/.. **at 130x55**
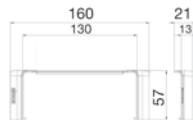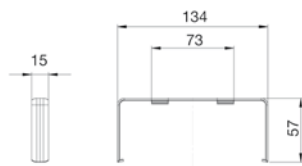
Ref. TKA106212/.. **at 160x55**
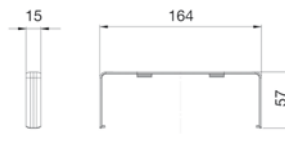
Sealing ring

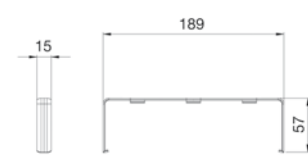Ref. TKA105208/.. **90x55**
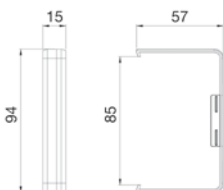
Ref. TKA1305508/.. **130x55**

Ref. TKA105212/.. **160x55**

Ref. TKA105214/.. **185x55**

Measurements in mm