



# DATA SHEET

**new SOLAR<sup>®</sup>**  
European Patent EP3184726B1  
a product by Tenda System Italia

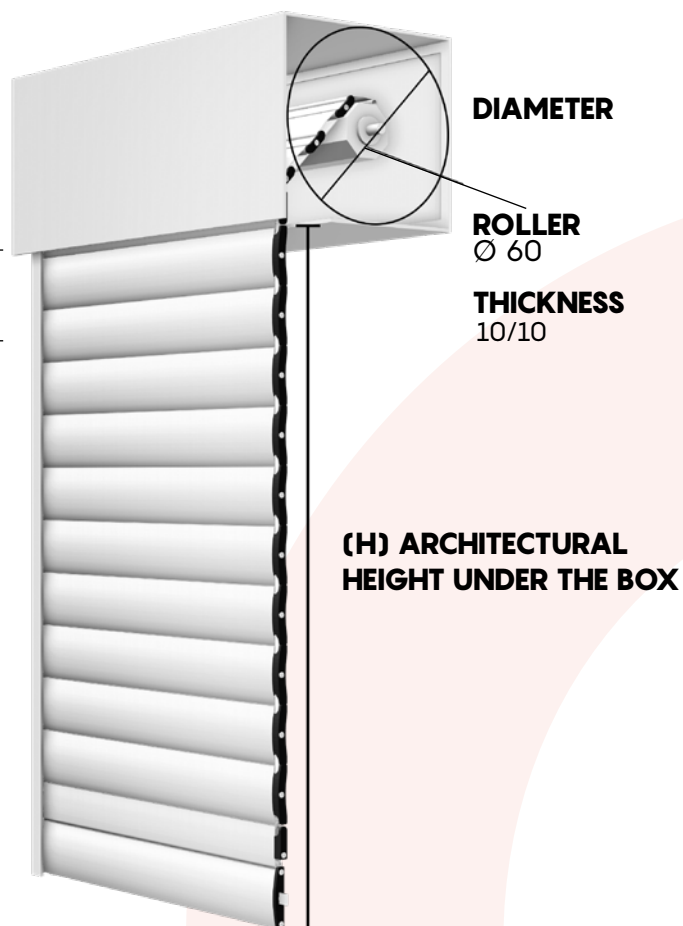
# bicolor



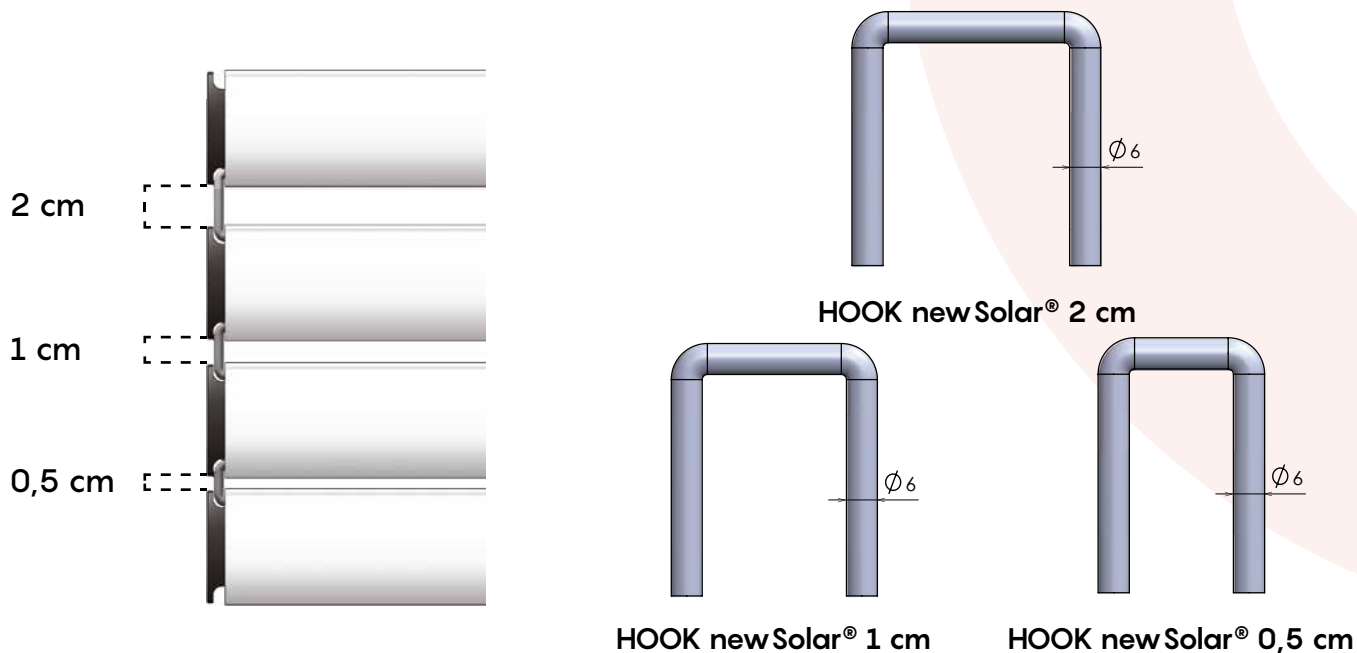
<b>Total weight per square meter</b>	12 kg
<b>Maximum recommended dimensions</b>	250 cm x 300 cm width x height

**PACKAGE CONTENTS:**

- Complete roller shutter curtain
- Safety springs for roller attachment with cover
- Rail brush
- Winding ring to be positioned at the end of the new Solar<sup>®</sup> roller shutter curtain as per installation manual



**AVAILABLE DISTANCES BETWEEN THE ROLLER SHUTTER CURTAIN SLATS: 3**



**The distance between one slat and the other can have a variation of up to 3 mm**

For a more customized management of light and shade, **newSolar<sup>®</sup> elephant** can also be configured with a combination of spacer hooks of different sizes into the same roller shutter curtain.

## OVERALL DIMENSIONS TABLE

SPACER HOOKS 2 cm

UP TO 130 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

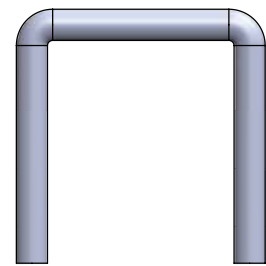
UP TO 200 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

UP TO 250 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,3
140	19,7
160	21,8
180	22,8
200	23,6
220	23,4
240	24,3
260	25,0
280	26,0
300	27,0

FINISHED HEIGHT	DIAMETER
120	19,3
140	21,0
160	21,8
180	21,8
200	23,3
220	24,3
240	25,0
260	25,8
280	27,0
300	27,7

FINISHED HEIGHT	DIAMETER
120	20,7
140	21,0
160	22,2
180	23,8
200	23,9
220	25,2
240	25,2
260	25,4
280	27,2
300	28,0



regular 2 cm

galvanized steel FE37 cod. **SOL2TSG36A**  
stainless steel cod. **SOL2TSG36I**

## OVERALL DIMENSIONS TABLE

SPACER HOOKS 1 cm

UP TO 130 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

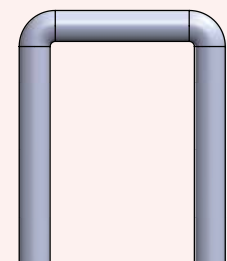
UP TO 200 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

UP TO 250 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,5
140	19,6
160	20,6
180	22,0
200	22,0
220	23,1
240	24,0
260	24,5
280	26,0
300	27,0

FINISHED HEIGHT	DIAMETER
120	19,5
140	20,6
160	21,6
180	22,0
200	24,0
220	23,3
240	24,3
260	25,5
280	26,5
300	27,5

FINISHED HEIGHT	DIAMETER
120	19,4
140	20,1
160	21,2
180	23,0
200	24,3
220	24,0
240	25,1
260	25,8
280	27,0
300	28,0



regular 1 cm

galvanized steel FE37 cod. **SOL2TSG28A**  
stainless steel cod. **SOL2TSG28I**

## OVERALL DIMENSIONS TABLE SPACER HOOKS 0,5 cm

### UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

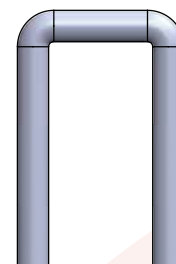
FINISHED HEIGHT	DIAMETER
120	18,7
140	20,4
160	20,7
180	21,5
200	22,6
220	23,3
240	23,7
260	24,3
280	25,7
300	27,0

### UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,0
140	20,5
160	21,0
180	22,2
200	22,6
220	24,2
240	24,5
260	25,0
280	26,5
300	27,3

### UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

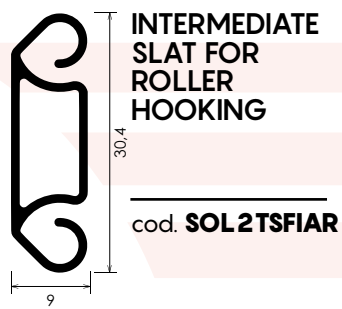
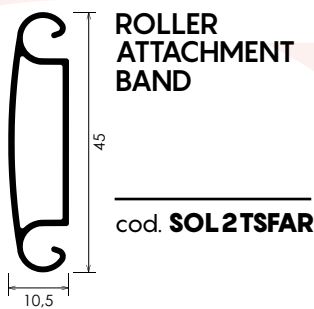
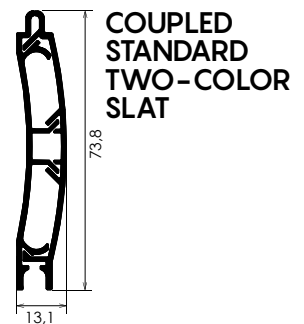
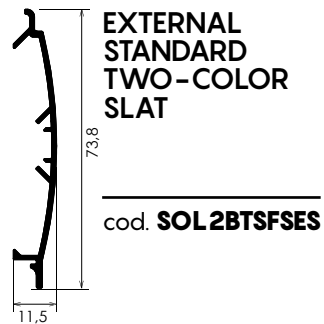
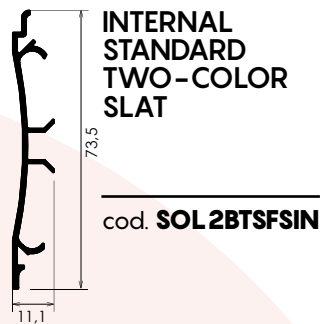
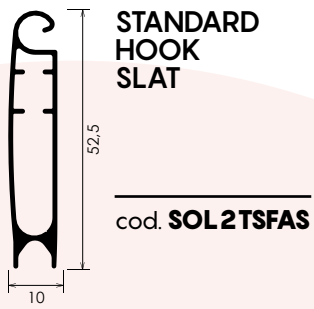
FINISHED HEIGHT	DIAMETER
120	18,0
140	20,6
160	20,9
180	22,8
200	23,6
220	23,8
240	25,4
260	25,5
280	26,8
300	27,9



**regular 0,5 cm**

galvanized steel FE37 cod. **SOL2TSG20A**  
 stainless steel cod. **SOL2TSG20I**

## EXTRUDED ALUMINUM PROFILES



## CAPS



**SMALL CAP**  
cod. **SOL21TP**



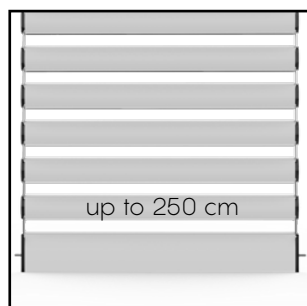
**BIG CAP**  
cod. **SOL2TSTG**



**FINAL CAP (PAIR)**  
cod. **SOL2TSTT**

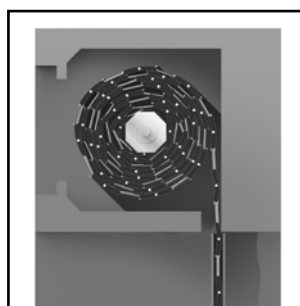


**HALF SLAT CAP**  
cod. **SOL2TSTMF**



## MAXIMUM DIMENSIONS

This new Solar<sup>®</sup> model is available with a maximum width of 250 cm per single roller shutter curtain.



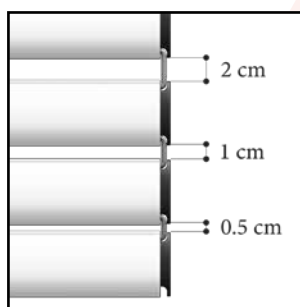
## REDUCED FOOTPRINT

despite being a rolling shutter with detachable slats-profiles, new Solar<sup>®</sup> can be allocated in the most popular boxes on the market.



## REGULAR SYSTEM

Patented feature that turns the new Solar<sup>®</sup> into a sunscreen.



## 3 DISTANCES

Maximum configuration. The roller shutter curtain of this new Solar<sup>®</sup> can be ordered with 3 different spacer sizes: 2 cm, 1 cm, 0.5 cm, also in different combinations. Configuration to be communicated upon ordering.

## HOW TO TAKE MEASUREMENTS

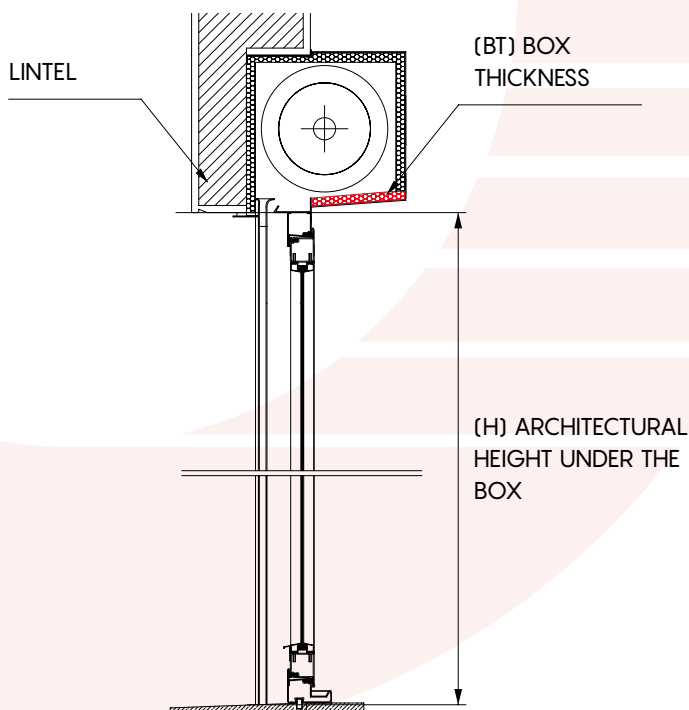
**ROLLER SHUTTER CURTAIN WIDTH:** measure the width by referring to the inside of the rails and report the measurement after subtraction of  $-7$  mm.

**EXAMPLE:** in case of real dimension  $92,7$  cm, you need to communicate  $92$  cm at the order placement



**ROLLER SHUTTER CURTAIN HEIGHT:** measure the height referring to the ARCHITECTURAL LIGHT and report the measurement after addition of  $+10$  cm.

**EXAMPLE:** in case of exact dimension  $210$  cm, you need to communicate  $220$  cm at the order placement  
For  $BT > 5$  cm add  $1$  cm to the finished dimension for each additional cm



To calculate the finished height, add  $10$  cm up to a BT of  $5$  cm ( $H + 10$  cm) to the dimension of the architectural height under the box  $H$ .

For box thickness  $BT$  over  $5$  cm, add  $1$  cm to the final dimension for each additional cm.

E.g.: box thickness  $BT$   $6$  cm =  $H + 11$  cm

E.g.: box thickness  $BT$   $8$  cm =  $H + 13$  cm

Example:

$H = 210$  cm dimension to be communicated  $220$  cm

Example:

$BT$   $6$  cm dimension to be communicated  $221$  cm

Example:

$BT$   $7$  cm dimension to be communicated  $222$  cm

### WARNING

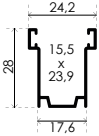
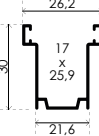
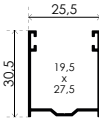
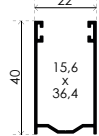
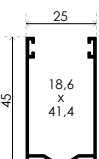
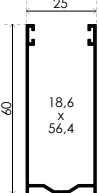
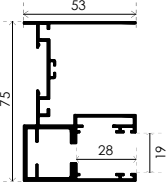
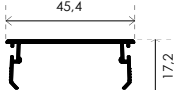
At the order placement it is necessary to communicate only final dimensions:

inner rail WIDTH  $-7$ mm

light HEIGHT  $+ 10$  cm if  $BT > 5$  cm then add  $1$  cm to the final dimension for each additional cm

## COMPATIBLE RAILS

The rails have always the same height as the final dimension of the roller shutter curtain

	<p><b>GATS 001N</b>            Required brush:            up to width 100 cm bristle height 0,5            over 100 cm bristle height 0,7</p>
	<p><b>GATS 002N</b>            Required brush:            up to width 100 cm bristle height 0,7            over 100 cm bristle height 0,9</p>
	<p><b>GATS 004N</b>            Required brush:            up to width 100 cm bristle height 0,7            over 100 cm bristle height 0,9</p>
	<p><b>GATS 006N</b>            Required brush:            up to width 100 cm bristle height 0,5            over 100 cm bristle height 0,7</p>
	<p><b>GATS 007N</b>            Required brush:            up to width 100 cm bristle height 0,7            over 100 cm bristle height 0,9</p>
	<p><b>GATS 008N</b>            Required brush:            up to width 100 cm bristle height 0,7            over 100 cm bristle height 0,9</p>
	<p><b>BRUSH 75 EQUIPPED            WITH ENTRY</b>            Required brush:            bristle height 0,7 mm</p>
	<p><b>CARTER</b></p>

**WARNING:** for regular operation of the **newSolar**® it is necessary to use only the brush supplied with the configured and ordered rail, which is included in the package already cut at the required dimension.