

# S-BOX™

POP-UP SOLUTIONS

**2-PORT POP-UP SOCKET BOX**



**3-PORT POP-UP SOCKET BOX**  
(incl. 2-Port + USB variant)



## INSTRUCTIONS AND INSTALLATION GUIDE FOR

**S-BOX**  
CHAMELEON

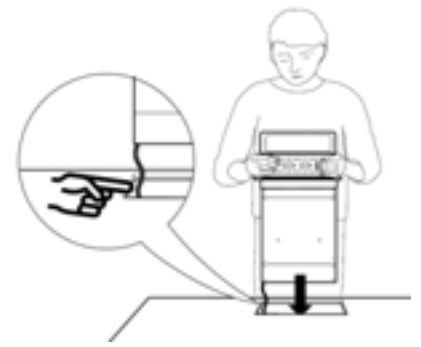
**S-BOX**  
SURFACE

WE RECOMMEND THAT ALL 'CUT-OUT' PROCESSES  
AND/OR ANY 'CUSTOM TOP' FABRICATION SHOULD BE  
DONE BY YOUR SPECIALIST WORKTOP PROVIDER

There are 2 (and only 2) positions to fit any S-Box™ unit:

Either: **A - Surface-mounted**

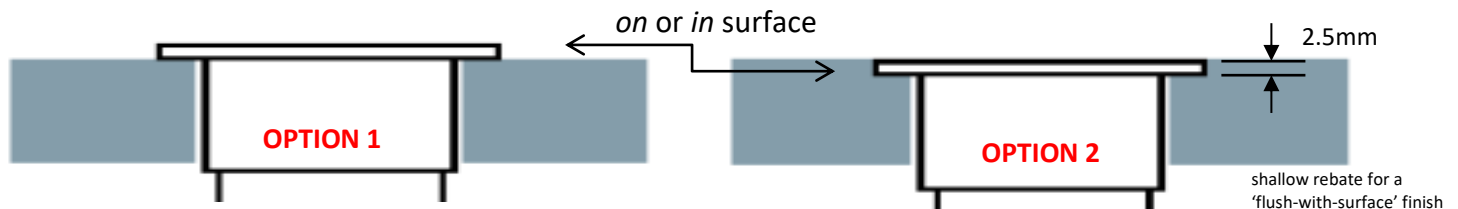
Or: **B - 'Inset' at -20mm below surface.**



### A - SURFACE MOUNT

This simplest installation method is to insert it straight into a cut-out hole →

The fitted collar sits neatly on the worktop surface. Its own weight will keep it there. Please do not use any adhesive or sealant. (A shallow rebate can also be used if preferred to create a flush finish) ↓



In either of these surface-mount methods, it is also possible to 'personalise' the unit, by **replacing** the steel top with a piece of matching material to the work top if required.



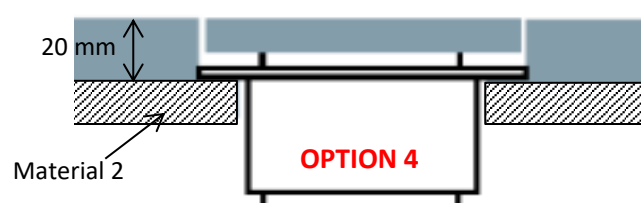
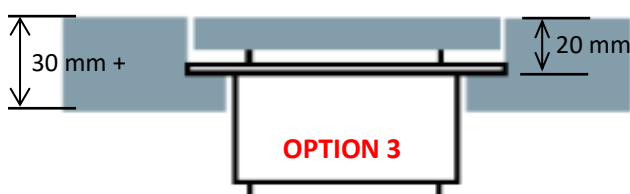
**Maximum thickness of any material is 12mm.** The Collar can be adjusted upwards to relevel it with that new material. Then please follow counterbalance "re-weight" instructions shown later in this guide.

### B - 'INSET' or REBATED – The Unique Custom ("chameleon") Installation

This method involves the installation of the unit at exactly 20mm below the Counter-top surface so that the product can be fully disguised into its location with a custom top that matches its surroundings. This is known as an "Inset" or rebated method. **The maximum thickness of this custom top is also 12mm.**

In worktop materials of 30mm thickness and above, the installation is achieved by sitting the collar on a rebate shelf within the material.

For materials of 20mm thickness, installation is achieved by sitting the collar on a "false" rebate, created by using a second material below it.



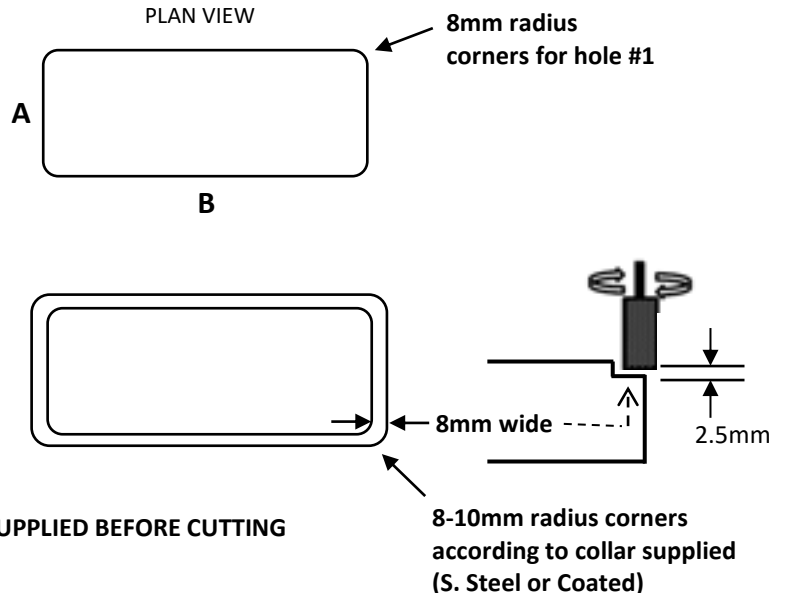
**NB. If your Worktop material is only 12mm thick (e.g. Corian or Silestone) please see thru-view Option 5 later in this Guide**

**DIMENSIONS FOR THE PRINCIPAL 'CUT-OUT' HOLE FOR ALL INSTALLATIONS ARE:**

2-PORT POWER BOX = 98mm x 211mm  
 3-PORT POWER BOX = 115mm x 295mm

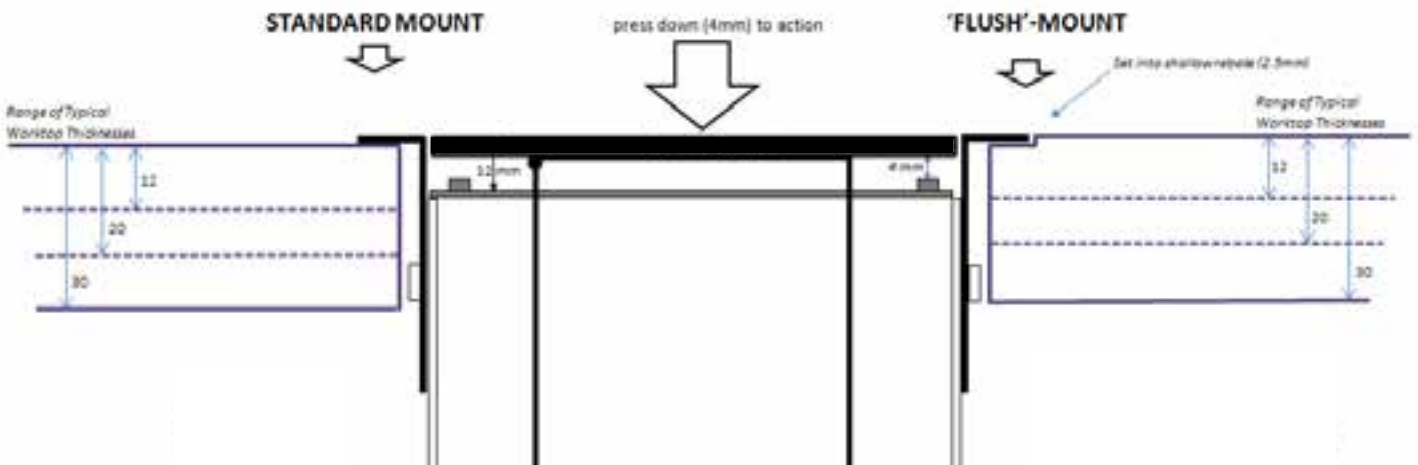
FOR A SURFACE MOUNT INSTALLATION THIS IS ALL YOU NEED. THE UNIT DROPS STRAIGHT INTO THIS HOLE AND THE COLLAR SITS NEATLY ON THE WORKSURFACE

[FOR 'FLUSH' SURFACE INSTALLATION AN ADDITIONAL 8mm WIDE SHALLOW REBATE SHOULD BE ROUTED AT 2.5mm DEPTH, WITH SUITABLE RADIUS CORNERS TO NEATLY ACCEPT THE RADIUS CORNERS OF THE COLLAR ITSELF]



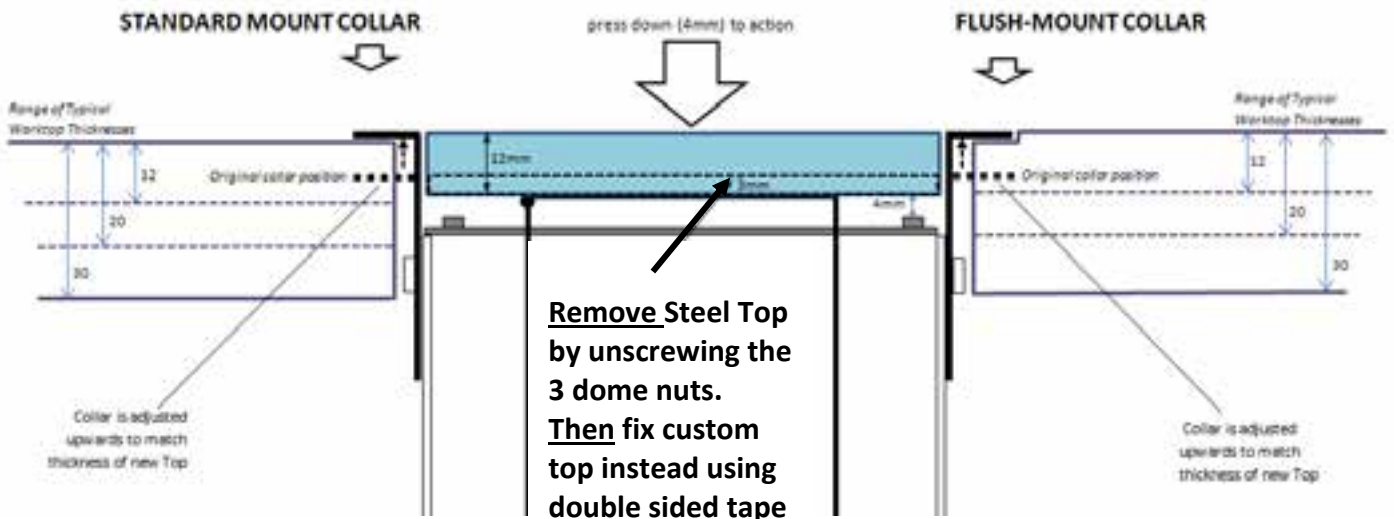
PLEASE CHECK THE RADIUS OF THE COLLAR SUPPLIED BEFORE CUTTING

**SURFACE-MOUNT THRU-VIEWS**



Using Top and Collar as supplied ↑  
 or

Custom Top option - Collar still sits on countertop but steel top has been EXCHANGED for an alternative one ↓ Please note that any custom top CANNOT be thicker than 12mm.



## 'INSET' (REBATED)

### - STAGE 1 (Preparing the S-Box™)

#### \*PLEASE NOTE\*

THESE STAGE 1 INSTRUCTIONS ARE TO ENABLE THE CONVERSION OF A UNIT THAT HAS A STEEL TOP AND COLLAR ALREADY FITTED WHEN IT WAS DELIVERED. IF YOU HAVE A UNIT THAT IS ALREADY PREPARED FOR A CUSTOM TOP (i.e. S-BOX CHAMELEON) YOU MAY SKIP TO STAGE 2. 😊

To convert a Surface Model to a Chameleon one – Firstly you must remove and discard the existing Steel top - by unscrewing its 3 dome nuts.



>



Then, loosen the 6 screws holding the Collar and move it down to its lowest position.



You may then re-tighten the screws

This re-creates the clearance required below the *later* new top - so that when that is pressed down it will engage and disengage the catch mechanism inside the unit. Re-tighten the collar screws (**with the new top temporarily ↓ in position**) so that the required 20mm total is achieved (**as below**)



AN "ADAPTED" UNIT WILL LOOK LIKE THIS



A PRE-PREPARED "CHAMELEON" MODEL LOOKS LIKE THIS



Note:  
MAX THICKNESS OF ANY  
CUSTOM TOP IS 12mm

Both can be inserted into the 20mm rebate  
and both are ready to receive the custom top

## STAGE 2 (Preparing the rebate)

There are two ways of installing the S-Box below the work-surface. Both involve the creation of a rebate at -20mm datum. The method you chose depends entirely on the thickness of the worktop material:

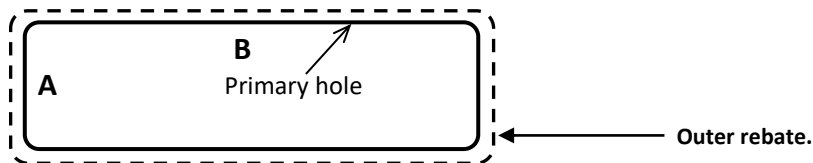
>For 30mm material and above (e.g. Granite) - the rebate is made within the material itself.

>For 20mm material (e.g. Quartz) - the rebate is “created” using a second material below it (e.g. MDF)

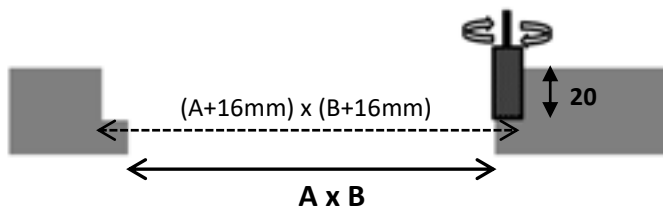
### ‘TRUE’ REBATE in 30+ mm material:

Firstly cut the standard *primary* hole for insertion of the box itself (= DIMENSIONS A x B)

A 98mm x B 211mm (2-port)    A-115mm x B-295mm (3-port)



Then create a further 8mm wide rebate at 20mm depth from the top of the work-surface, on which to mount the S-Box, and its collar, in its new position. The Chameleon collar’s corners have no defined radius, so the rebate-routing process can use the standard routing tool preferred (e.g. 12-15mm radius)



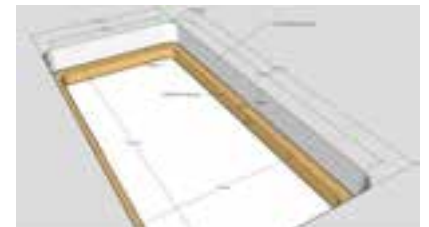
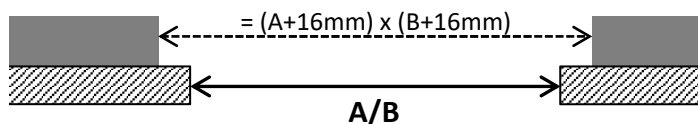
### ‘FALSE’ REBATE BELOW 20mm material:

This is where the rebate is being “created” using a second material below. The upper hole now becomes the Master cut in the worktop material. So 16mm needs to be **added** to both the A and B dims above to allow the collar to pass through to sit on the *second* material below.

Cut-outs for the **UPPER** MATERIAL for this method are:

**POWER BOXES** > 114mm x 227mm (2-port) or 131mm x 311mm (3-port)

It is the **LOWER** material that requires the Standard Dimensions A x B for the collar to sit on ↓



After either of the above rebate creation methods has been completed, the new top can now be created.

This should be carefully made to “marry” neatly with the larger rebated hole dimension.

Top requires correct radius (*slightly less than the hole*) and a gap of 1-1.5mm all way round to ensure clearance. As a guide: TOP DIMENSIONS = 111mm x 224mm (2-port) 128mm x 308mm (3-port)

**REMINDER! – MAX THICKNESS OF ANY CUSTOM TOP IS 12mm**

### STAGE 3 (weighting the internal counterbalance)

A Granite or Quartz Top will always be heavier a steel one. The internal counterbalance is pre-set for steel as a default setting, so the internal counterweight box will now require some of the weights (*provided*) adding to it, to create the correct “lift” for the Top Material’s density.

To do this, place the new top temporarily on top of the unit: ↓

Then open the front plate as shown below: ↓

*Info:*  
These fixings are  
T20 star screws >



You can now add the required amount of extra weight into the counterbalance tray, until you are happy with its pace of lift (the new top will be added more permanently later)



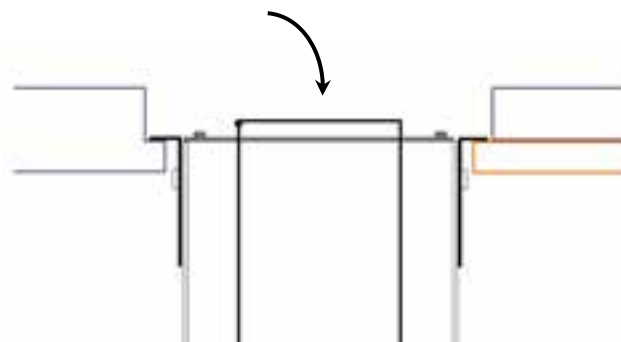
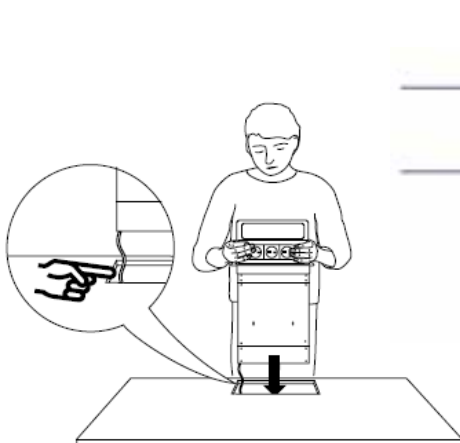
3-PORT UNIT



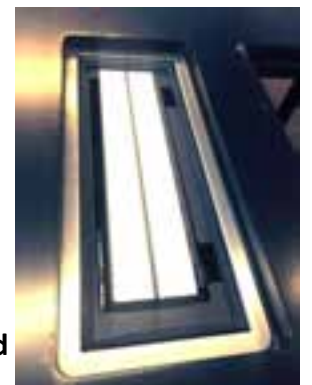
2-PORT UNIT



Take the New Top off and introduce the S-Box unit into its rebated hole.



Apply good quality double-sided tape (e.g. 3M) to the plate ↗



**NB.** In “CHAMELEON” Models this tape is already fitted for you →

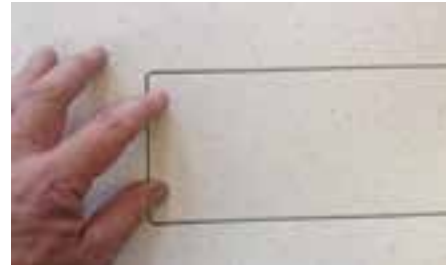
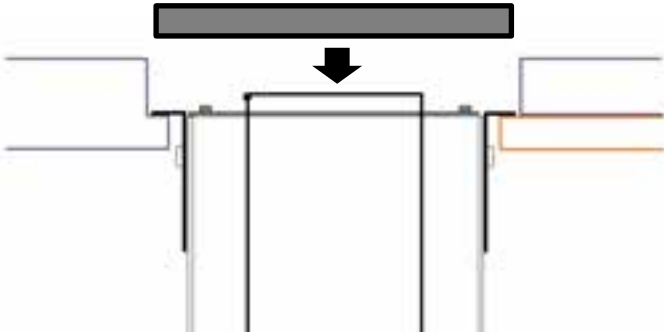


## STAGE 4 (Adding the new top)



Peel back the tape and place the custom top into position.

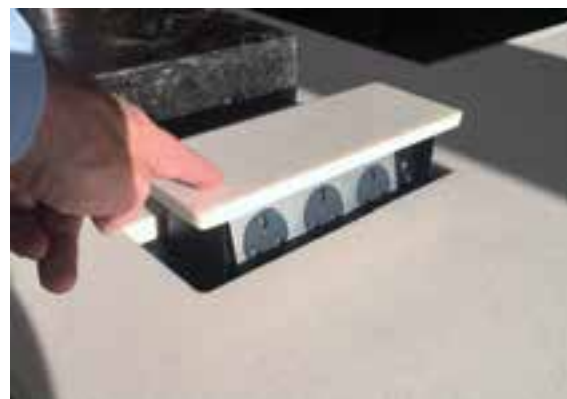
Using Tape allows you to have a few goes at getting the perfect position for the top before pressing it firmly home and letting the tape adhesive to bond and cure.



Any final “fine-tuning” of levels, if still required, can be achieved by adjusting the male ball’s position so that in the closed (*catch-engaged*) position, your new top and adjacent surface are perfect. By twisting the threaded ball part, and holding the top nut, the position of the ball can be raised or lowered by the tiniest of amounts.



You can now fix the front back on - and ENJOY YOUR CUSTOMISED POP-UP SOLUTION! 😊



**Please Note:**

All electrical connections for the Power Box unit must be carried out by a fully Qualified Electrician.

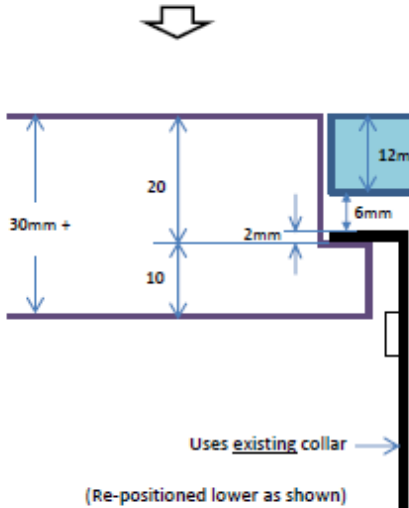
# COMPARISON THRU-VIEW

(True rebate in solid material or "false rebate" below 20mm material)

## OPTION 3

(30mm or greater material)

### TRUE REBATE METHOD



press down (4mm) to action

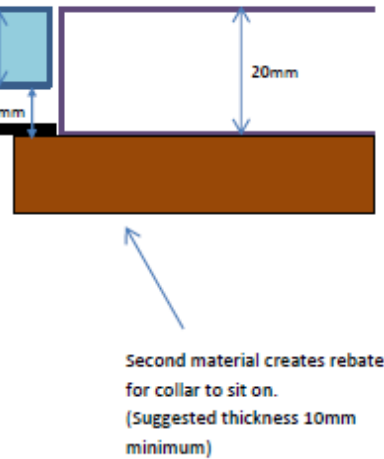


CUSTOM TOP

## OPTION 4

(20mm material)

### FALSE REBATE METHOD



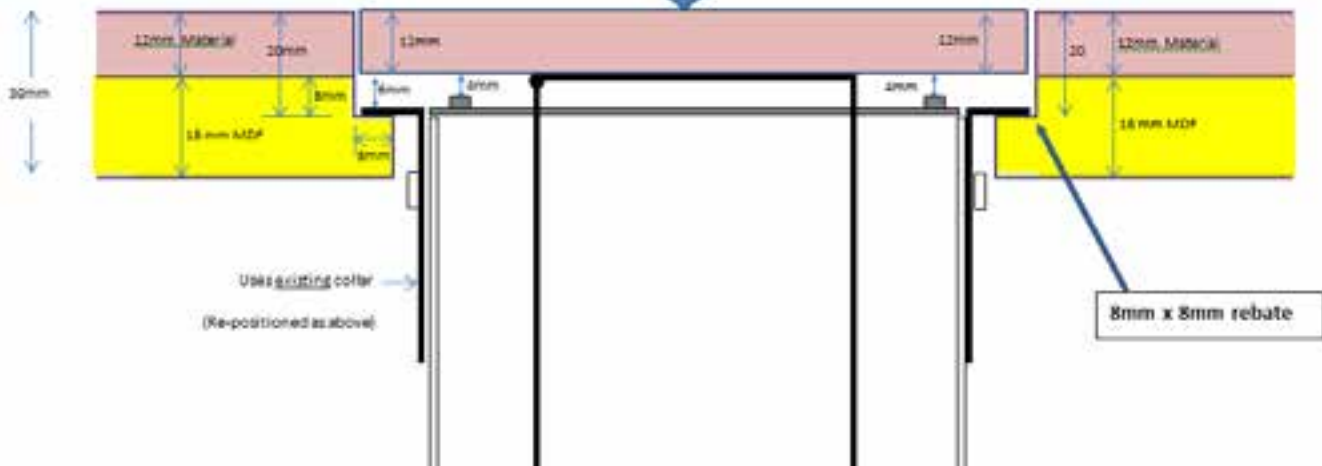
Original position of steel top.  
If still present, it **MUST** be removed before any custom top is fitted.

## OPTION 5

INSTALLATION BELOW 12mm MATERIAL – using a 12mm top also.

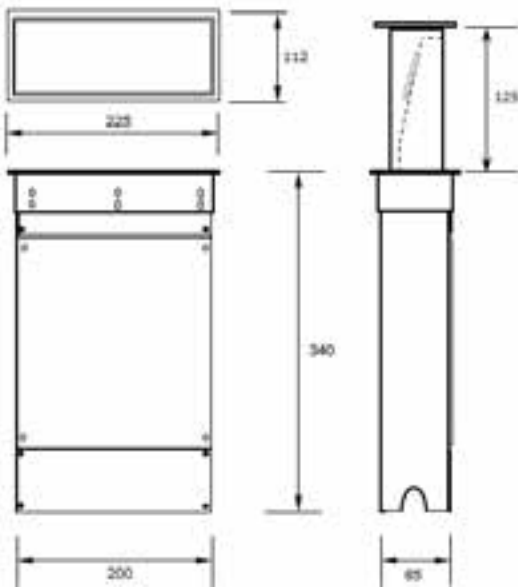
(by use of an additional 18mm layer, to create the rebate at -20mm depth for Collar to sit on)

press down (4mm) to action

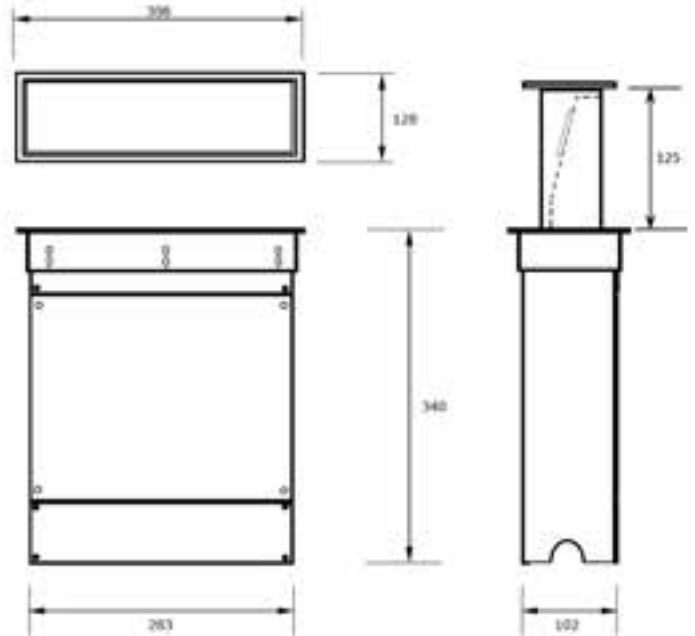




## 2-PORT DIMENSIONS



## 3-PORT DIMENSIONS



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POP-UP SOLUTIONS

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AND/OR ANY 'CUSTOM TOP' FABRICATION SHOULD  
BE DONE BY YOUR SPECIALIST WORKTOP PROVIDER**

S-Box™ is a registered trademark of Cardinal IP Limited  
The S-Box™ product innovation is protected by Patents - registered to Cardinal IP Limited

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