

INSTALLATION MANUAL

STUBLESS PLC SPLITTER MULTIPORT SERVICE TERMINAL

GENERAL

This document will serve as guide for installation method of the products "4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPORT SERVICE TERMINAL and 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPORT SERVICE TERMINAL".

Please refer to the next pages whenever doubts surge.



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STUBLESS PLC SPLITTER MULTIPOINT SERVICE TERMINAL

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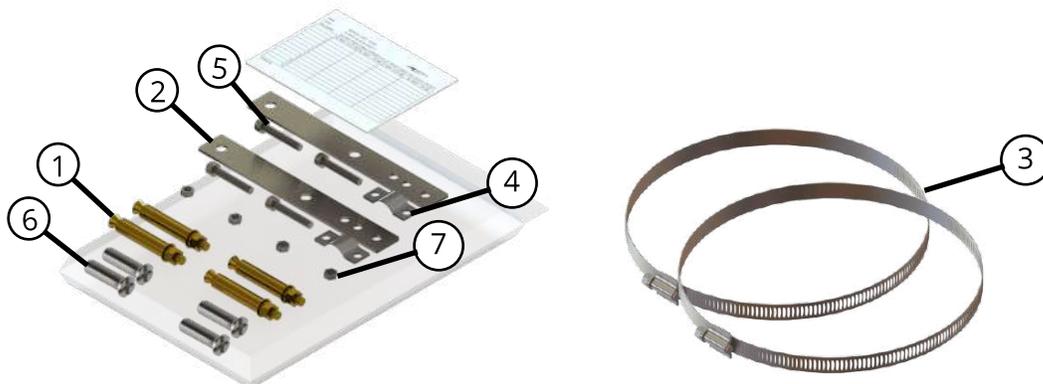
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STUBLESS PLC SPLITTER MULTIPORT SERVICE TERMINAL

INSTALLATION KIT FOR 4 & 8 PORTS BALANCED SPLITTER PLC MULTIPORT SERVICE TERMINAL



This kit should include:

I	Description	Quantity
1	Expansion plugs M8 x 1.0	4 pieces
2	Metallic holder to aerial installation	2 pieces
3	Metallic brace to pole installation	2 pieces
4	Metallic clamps to aerial installation	2 pieces
5	Allen screw M5 x 0.8	4 pieces
6	Pan head screw M5 x 0.8	4 pieces
7	Nut M5 x 0.8	4 pieces

With this kit, it can be simpler install the multiport service terminal on walls, poles or make aerial installations.

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MAN-HOLE OR HAND-HOLE INSTALLATION

The kit includes:

- 4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPORT SERVICE TERMINAL or 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPORT SERVICE TERMINAL: 1 piece.



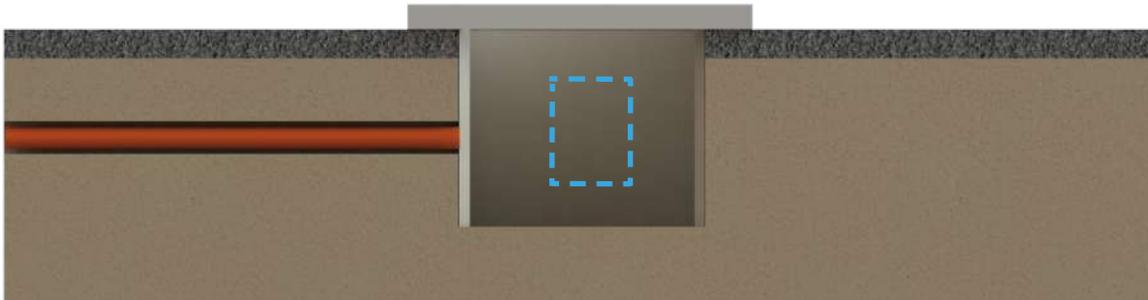
- Expansion plugs M8 x 1.0: 4 pieces includes on the installation kit: 4 pieces.



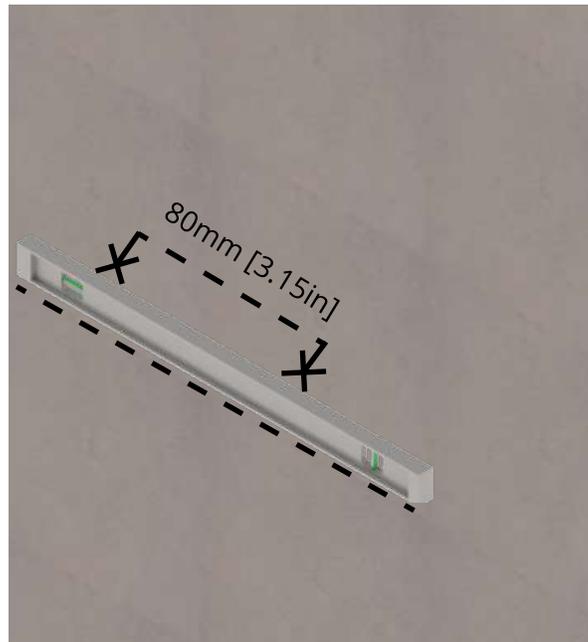
Note: Identify the necessary tools to make the blast-holes on the wall and to screw the expansion plugs.

Installation process.

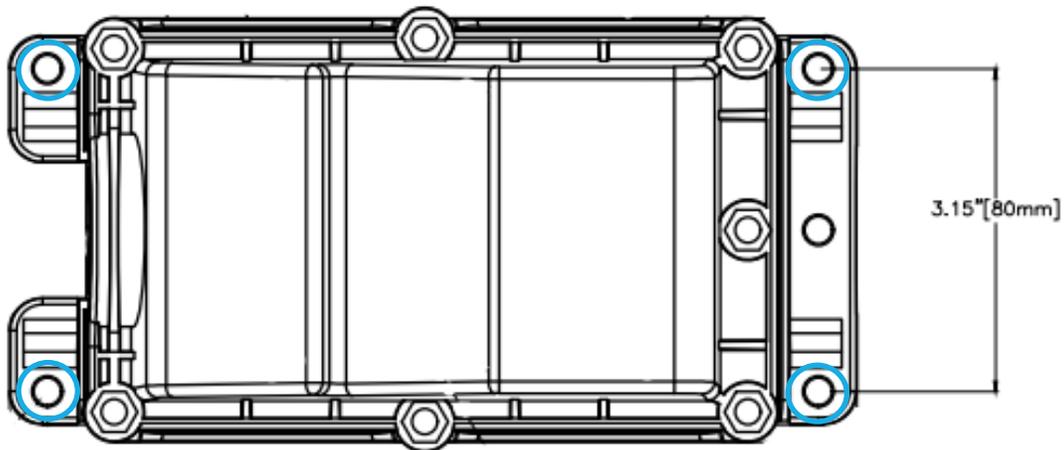
To begin with the installation process, determinate the area on the wall where is going to be mount the Multiport Service Terminal.



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The distance between the centers of the blasted holes for a wall mount installation is 80mm [3.15"]

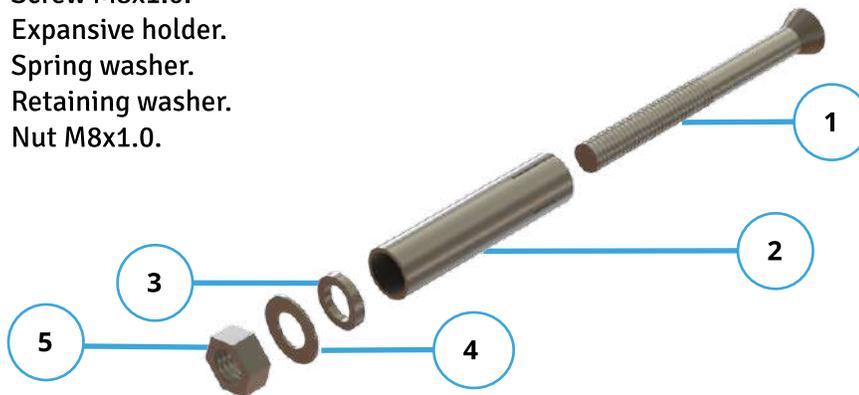


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The pieces of an expansion plug M8x1.0 are:

1. Screw M8x1.0.
2. Expansive holder.
3. Spring washer.
4. Retaining washer.
5. Nut M8x1.0.



Using a drill and concrete bits make the blast-holes on the wall for the 4 Multiport Service Terminal installation holes according with the standardized measures of concrete bits corresponding to the screw M8x1.0.

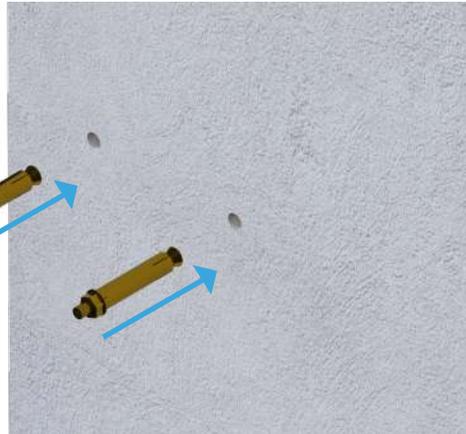


It is recommendable to make the blast-holes using a 6.5mm [1/4"] and a 8mm [5/16"] bits.

Note: make the drill hole profundity according with the length of the expansive holder and the screw M8x1.0 head. It is about 37mm.

To install the Multiport Service Terminal on the wall, first introduce the expansion plug M8x1.0 on the hole blasted, make sure that the slotted part of the expansive holder is aligned with the screw M8x1.0 head. It can be easier using a rubber hammer.

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Remove the nut M8 and the spring washer.



Align the multiport service terminal installation hole with the screw M8x1.0.
Insert again the spring washer and the nut M8 in that order.

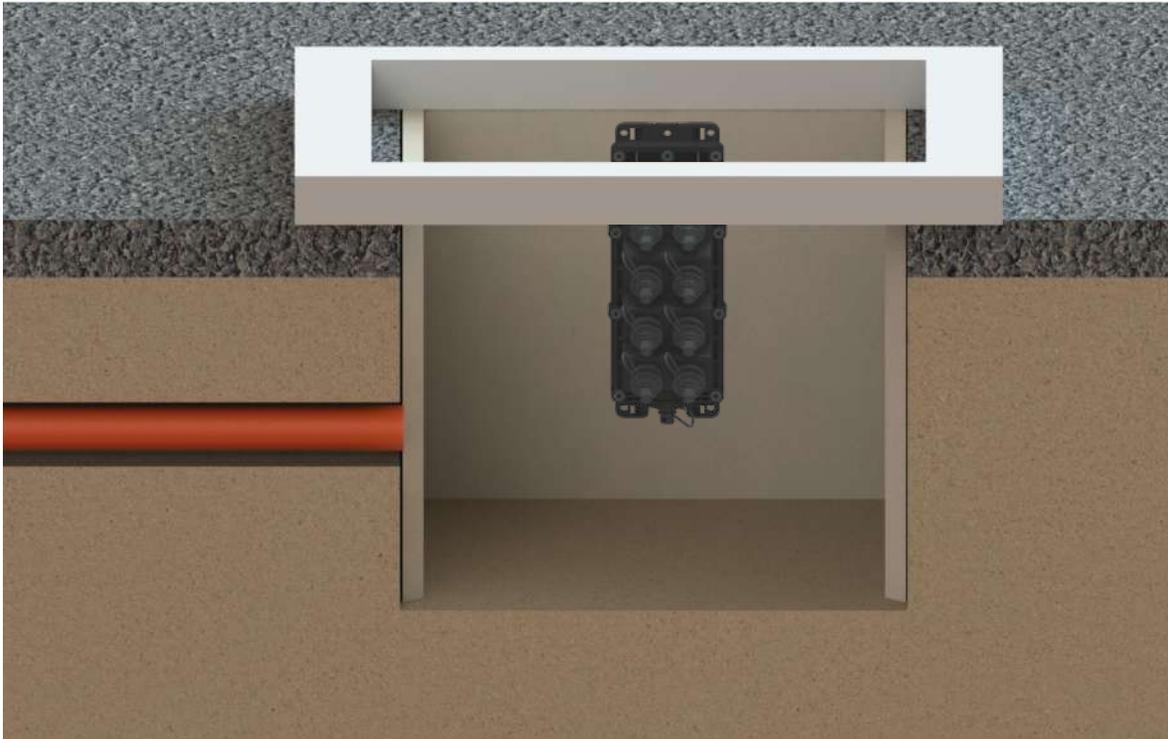


Note: Use a ratchet wrench or an adjustable spanner to fix or release the nuts.



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RESULT OF THE MAN-HOLE OR HAND-HOLE INSTALLATION



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WALL MOUNT INSTALLATION

The kit includes:

- 4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPOINT SERVICE TERMINAL or 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPOINT SERVICE TERMINAL: 1 piece.



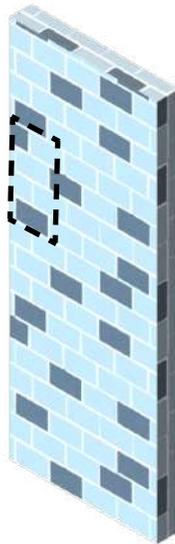
- Expansion plugs M8 x 1.0: 4 pieces includes on the installation kit: 4 pieces.



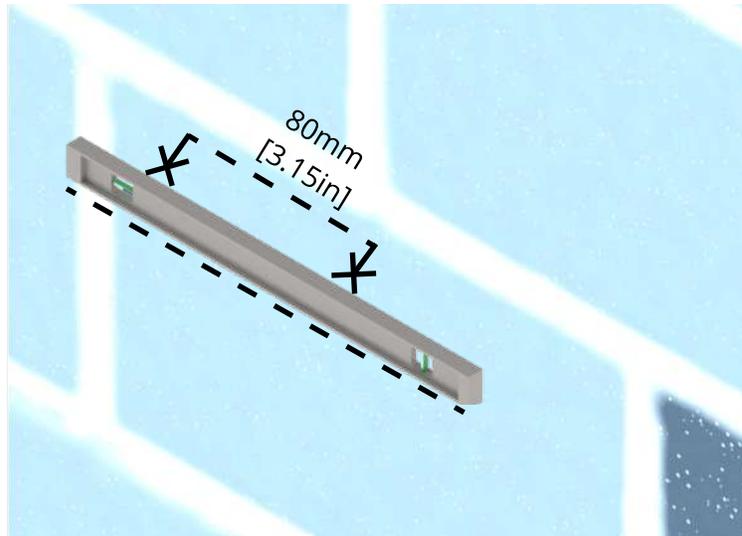
Note: It will be necessary have the tools to make the blast-holes on the wall and to screw the expansion plugs.

Installation process.

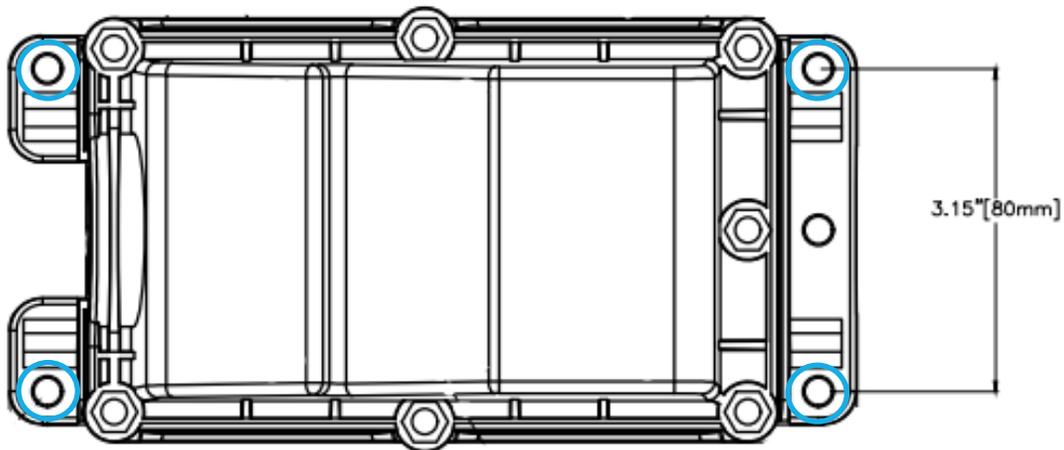
To begin with the installation process, determinate the area on the wall where are going to be mount the Multiport Service Terminal.



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The distance between the centers of the blasted holes for a wall mount installation is 80mm [3.15"].

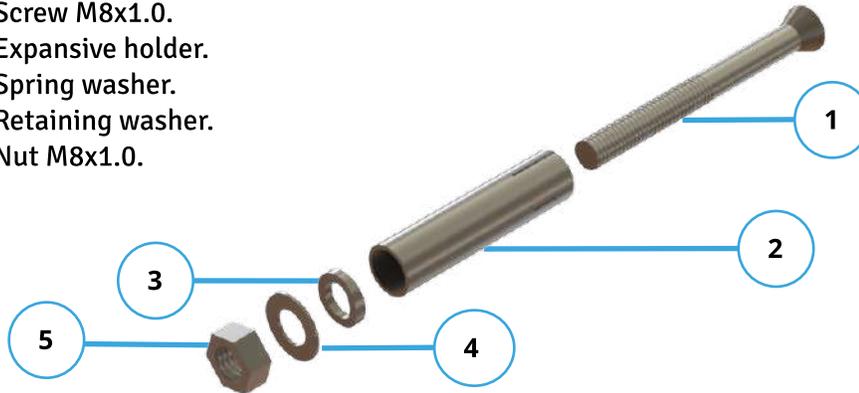


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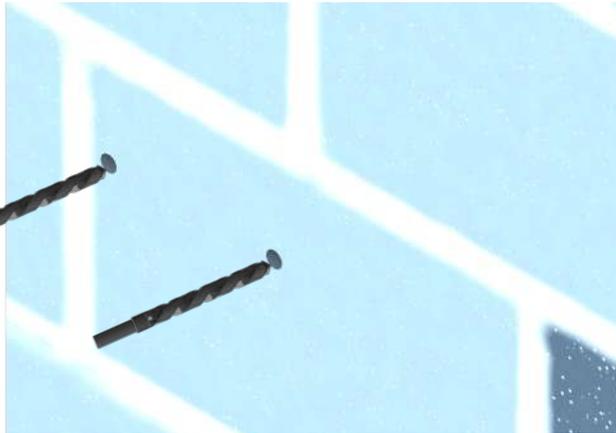
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The pieces of an expansion plug M8x1.0 are:

1. Screw M8x1.0.
2. Expansive holder.
3. Spring washer.
4. Retaining washer.
5. Nut M8x1.0.



Using a drill and concrete bits make the blast-holes on the wall for the Multiport Service Terminal installation holes according with the standardized measures of concrete bits corresponding to the screw M8x1.0.

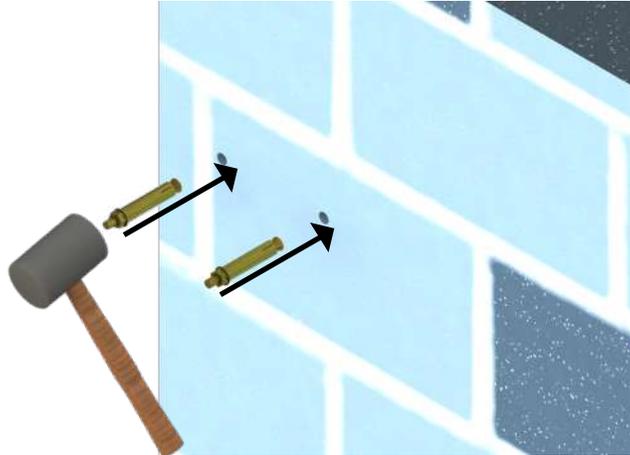


It is recommendable to make the blast-holes using a 6.5mm [1/4"] bit as a guide then the 8mm [5/16"] bit.

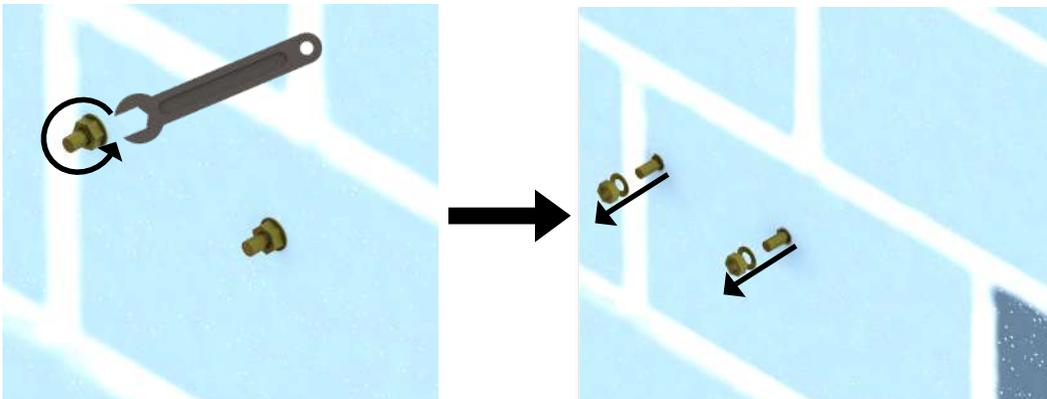
Note: make the drill hole profundity according with the length of the expansive holder and the screw M8x1.0 head. It is about 37mm.

To install the Multiport Service Terminal on the wall, first introduce the expansion plug M8x1.0 on the hole blasted, make sure that the slotted part of the expansive holder is aligned with the screw M8x1.0 head. It can be easier using a rubber hammer.

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Remove the nut M8 and the spring washer.



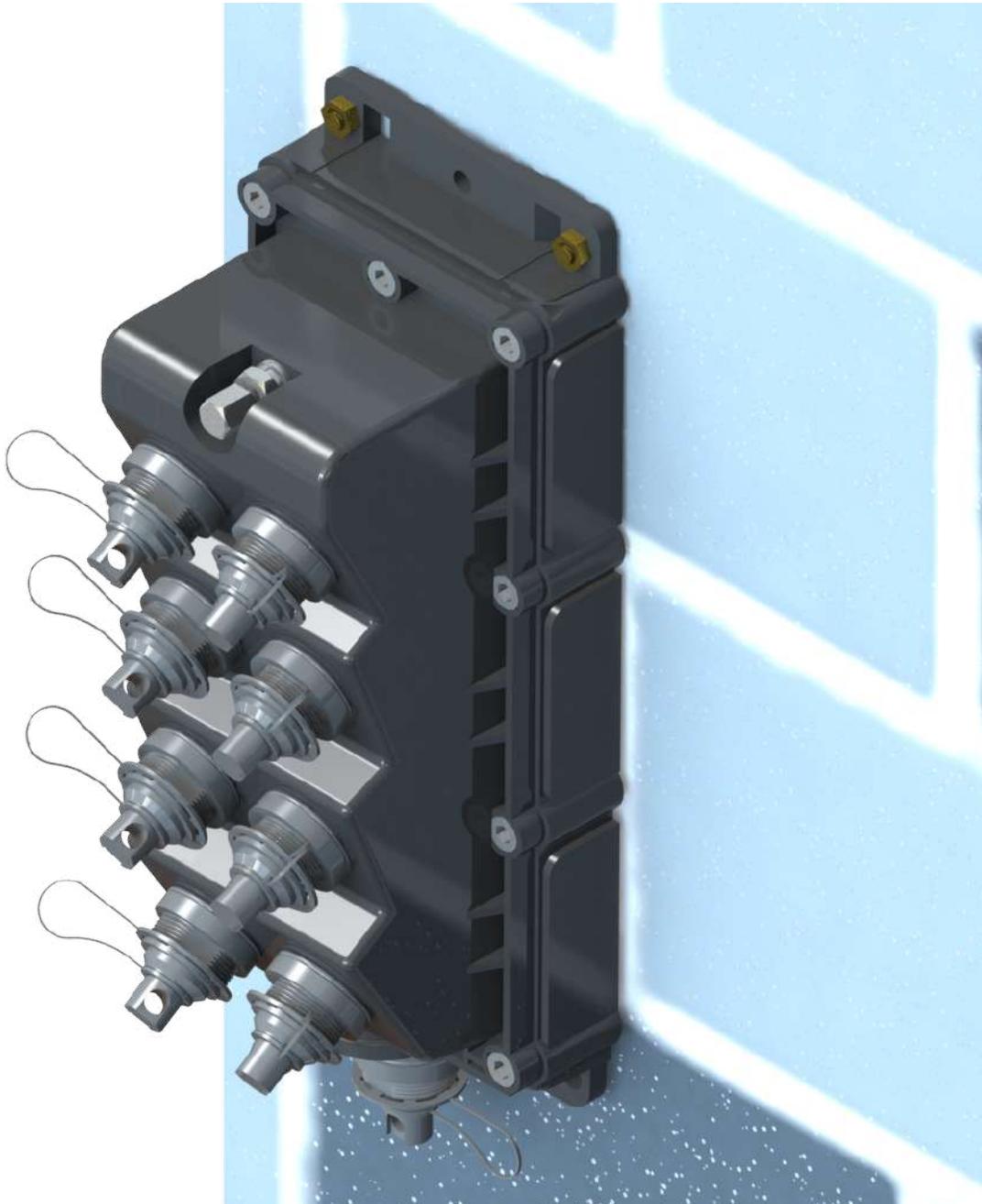
Align the multiport service terminal installation hole with the free part of the screw M8x1.0. Insert again the spring washer and the nut M8 in that order.



Note: Use a ratchet wrench or an adjustable spanner to fix or release the nuts.

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RESULT OF THE WALL MOUNT INSTALLATION



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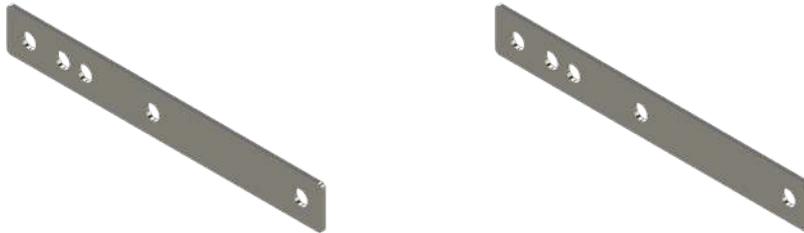
AERIAL INSTALLATION:

The kit includes:

- 4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPOINT SERVICE TERMINAL or 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPOINT SERVICE TERMINAL 1 piece.



- Metal holder to aerial installation: 2 pieces includes on the installation kit.



- Flat screws M5x0.8: 4 pieces.



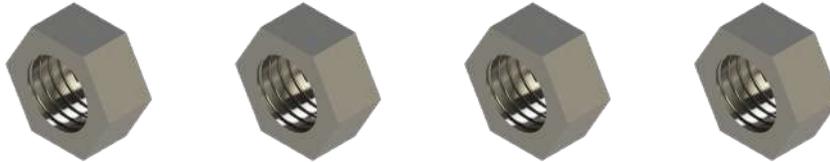
- Socket screw M5x0.8: 4 pieces.



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- Nut. 4 pieces M5x0.8: 4 pieces.



- Steel brace 3.4 x 1.2 x 1.49 mm: 2 pieces.



Installation process

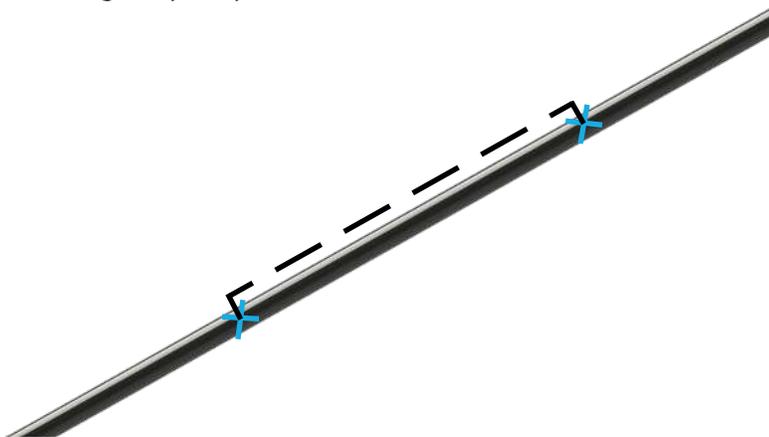
If it requires an aerial installation of the multiport service terminal it is necessary to have.

- Phillip screwdriver.
- Socket screwdriver

Installation Process:

Determine the transmission line where the multiport service terminal it is going to be installed.

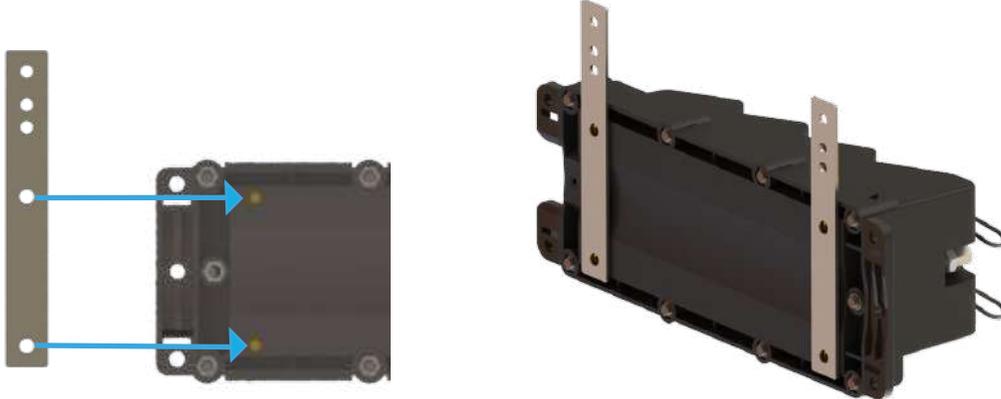
Identify the slots where the metal holders fix and proceed to put on the four slots the Flat screws M5x0.8 using the phillip screwdriver.



Note: The maximum diameter of the cable for aerial installations can be of 19mm [3/4"].

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Align the boreholes of the Multiport Service Terminal with the slotted holes of the metal bars.



Insert the flat screws M5 X 0.8 fixing the metal holders to the base of the Multiport Service Terminal using a phillip screwdriver.



Hold the Multiport Service Terminal using the steel clamps included on the kit. Put the steel clamps on the cable and align their drill holes.



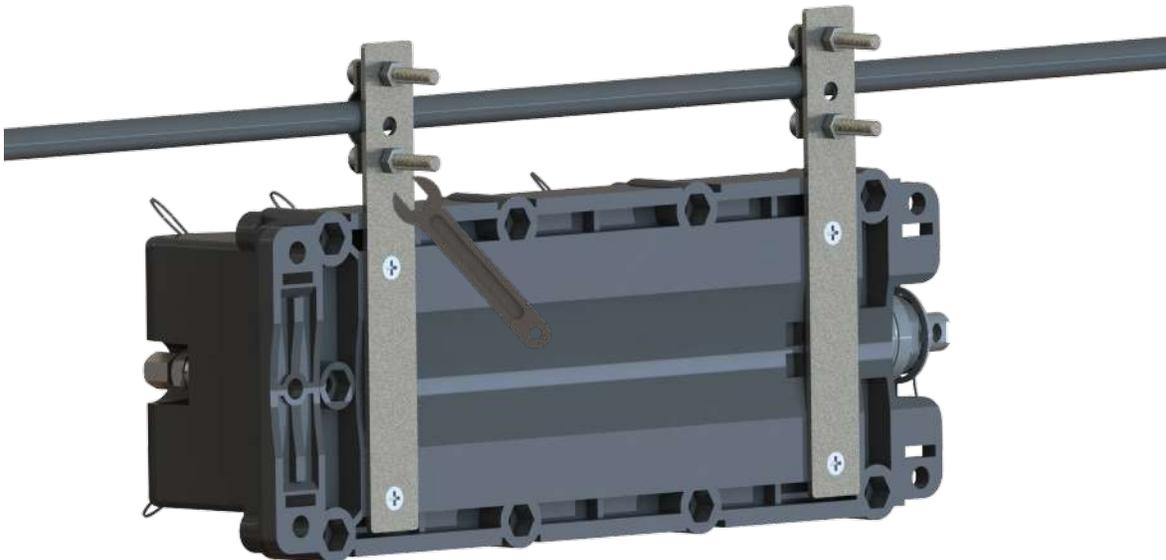
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Introduce the socket screws M5 X 0.8, make sure that the head of the screws is in parallel with the case of the Multiport Service Terminal.

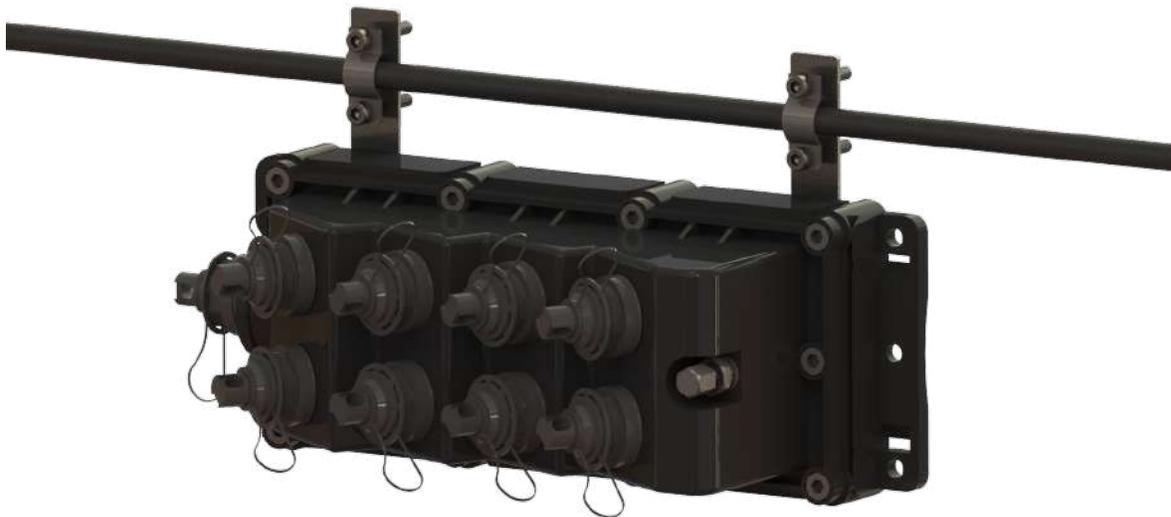


Using the socket screws M5 X 0.8 screw the lock-nuts M5 X 0.8. For this part of the process can be used a socket screwdriver or an adjustable spanner.



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RESULT OF THE AERIAL INSTALLATION



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POLE INSTALLATION:

For the wall installation process the next pieces will be required:

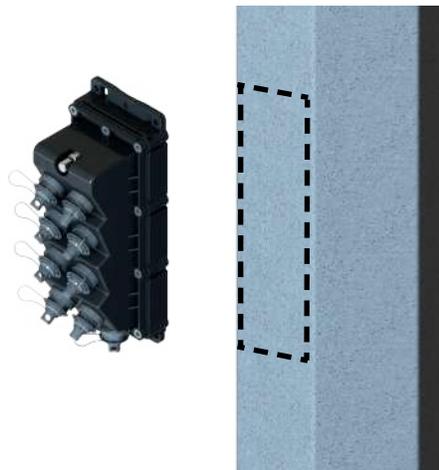
- 4 PORTS STUBLESS PLC SPLITTER 1X04 MULTIPOINT SERVICE TERMINAL or 8 PORTS STUBLESS PLC SPLITTER 1X08 MULTIPOINT SERVICE TERMINAL 1 piece.



- Metallic brace to pole installation: 1 piece



Firstly identify the pole where the Multiport Service Terminal is going to be installed and determine the area.

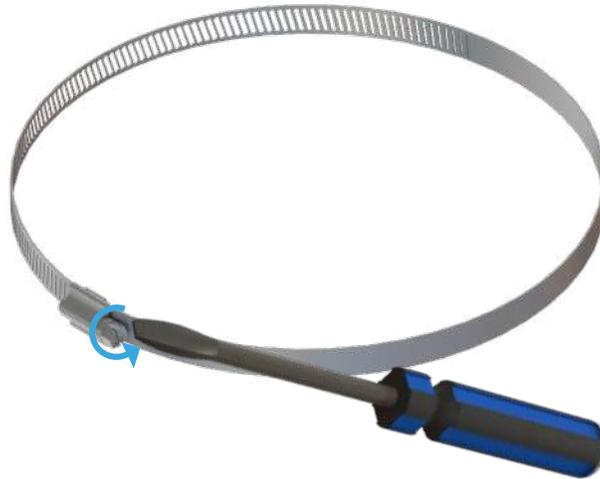


Note: The maximum pole diameter where it can be installed the Multiport Service Terminal is 203.2 mm.

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Take the metallic brace and using a flat-head screwdriver release the wedges until the strip open.



The gaps of the Multiport Service Terminal are located at the ends.



Place the Multiport Service Terminal on the pole, take the tip that does not have the endless screw and go through the Multiport Service Terminal gap.



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Surround the strip around the pole and fit the tip on the other gap.



Insert again the tip on the suggestion clamp and using the flat-head screwdriver fix the metallic brace to the pole.



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RESULT OF THE POLE INSTALLATION

