HINGES WITH SQUARE INSERT TO FIX WITH BEARING
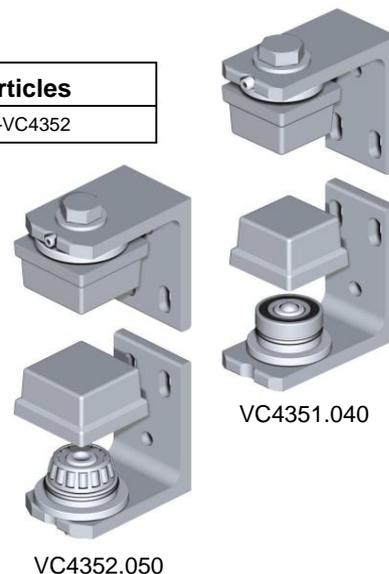
Description

Pair of hinges in galvanized steel with bearing and fixing plate suitable for square tubing.
They are fixed to the gate by welding after inserting the squares into the tubular. Fixing to the
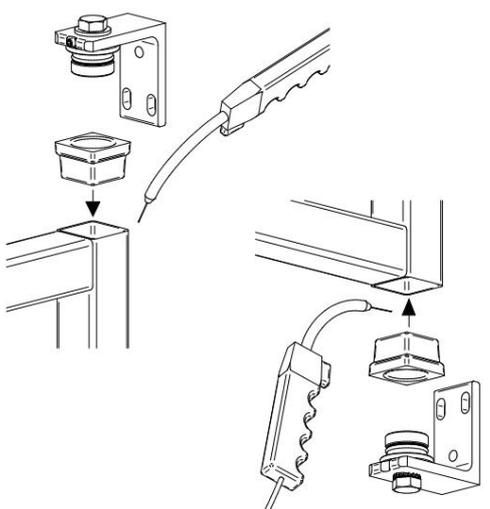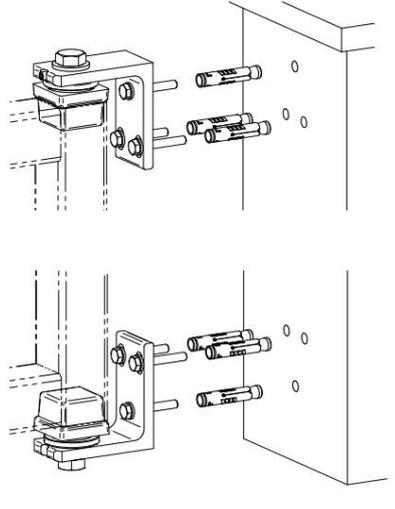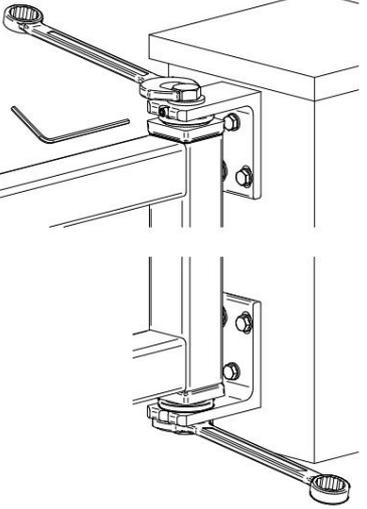column using plugs and bolts.

Family articles
VC4351-VC4352

In the table, each pair of hinges corresponds to the respective adjustments (G)
and the size of matching tubular in mm

Item Code	G	Tubular measurement
VC4351.040	52÷62	40x40
VC4352.050	52÷62	50x50

VC4351.040

VC4352.050

Assembly Sequence.

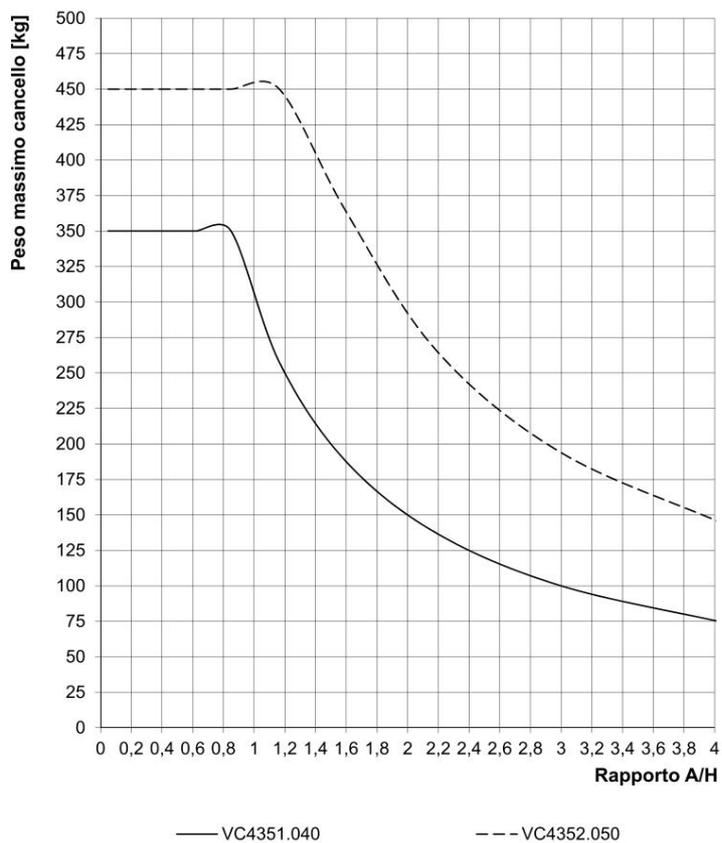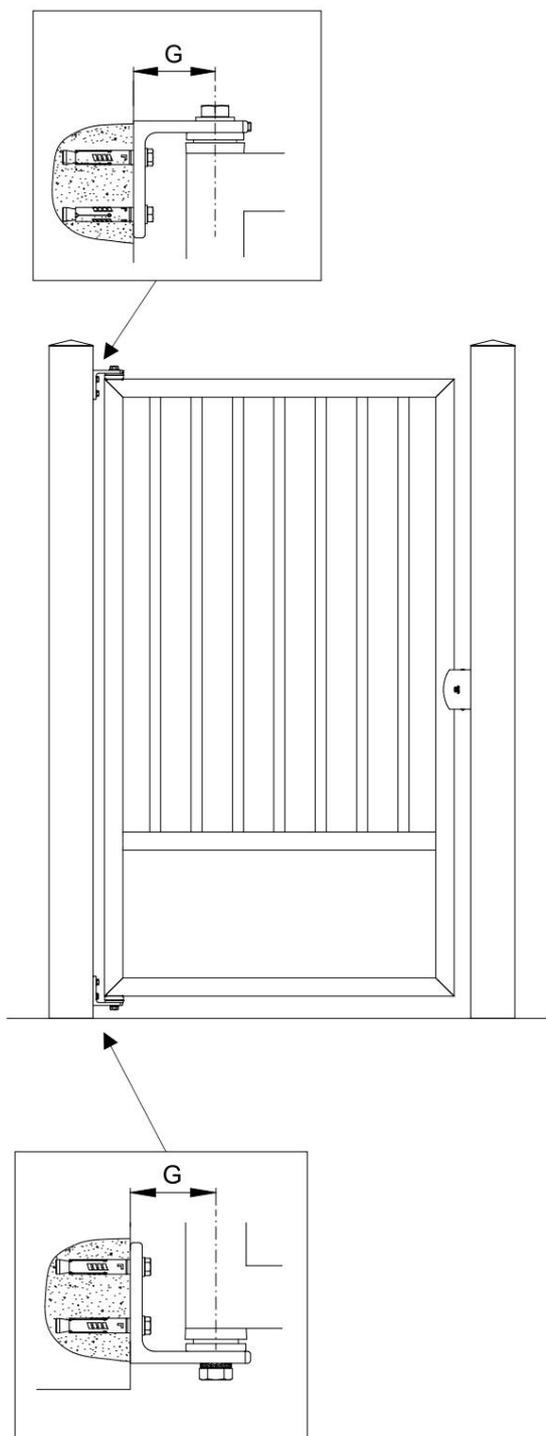| 1) Insert the square inserts into the tubular and weld them along the entire circumference.	2) Place the door in position final and mark where to drill the column. Then insert the dowels, position and secure the hinges.	3) For adjustment and fixing the hinge act on the nuts and the grub screw.

Maintenance

To keep this item in optimal conditions of efficiency and safety it is sufficient:
1. Make sure after assembly and after carrying out some opening and closing sequences that there are no parts loosen. Check periodically for loosening.
2. Make sure that the door does not fall due to failure of the lower support, in this case the pin could slip out of the bearing and the door could fall. If you notice a drop greater than 2-3 mm, reinforce the lower support or the flooring (if this is the one that gives way) and if necessary unsolder and reposition the hinge.
3. If the items have been subjected to impacts caused by moving vehicles or other factors, make sure they are remained intact, that they are adequately secured and that their functioning has not been compromised in any way.

Warning: an installation that does not comply with the illustrated procedure and/or the omission of correct maintenance could cause malfunctions of the gate, compromising the safety of adjacent people and things.

Choice of hinge

Once the A/H ratio of the gate in question has been calculated (see figures), find the point in the graph that corresponds to the weight of the gate. Usable items are those whose curve is above this point. If the gate does not have a uniformly distributed weight, the value of A must be considered equal to double the distance between the center of gravity of the gate and the axis of rotation of the leaf.

Solution for pair of hinges

Peso massimo cancello [kg] vs Rapporto A/H

——— VC4351.040   – – – VC4352.050