

TECHNICAL SHEET – BOTTOM HINGES FOR FIXING WITH 4-HOLE PLATE AND BEARING

Description

Galvanized bottom hinge with bearing and 4-hole support plate, fitted with a lubrication point for periodic lubrication. Fix on the post side using plugs and bolts. Welded on the gate side.

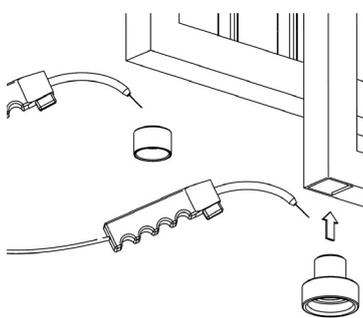
Article combinations

Various combination possibilities are shown in the table for each hinge, with the associated dimensions and any adjustments. For solutions with different articles, make sure that the dimensions of the combined article are compatible and that it supports the applied load.

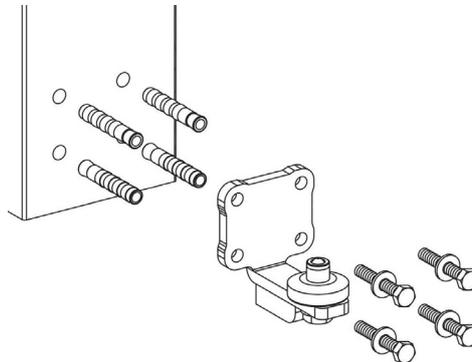
Article of reference		Combined article	
Code	G	Code	G
267.40	60÷70	262.40	60÷70
267.50	62÷72	262.50	62÷72
267.60 268.60	69÷79 69÷79	262.60	69÷79
267.70 268.70	80÷90 80÷90	262.70	80÷90



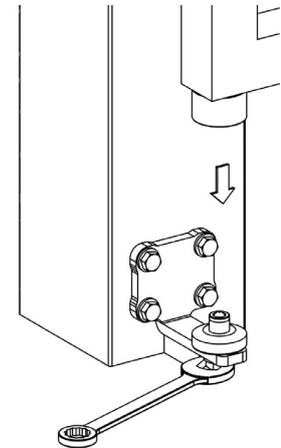
Assembly sequence.



1) Weld the cover on the wing around its entire circumference. In the case of hinges for tube sections, first insert the cover and then weld it



2) Position the hinge in its definitive position and mark the position of the holes; drill the post, insert the plugs, position and fix the hinge. Positioning the plate resting on the ground is recommended for greater security.



3) Adjust and fix the plate by means of the screw.

Maintenance

To maintain this article in optimum conditions of efficiency and safety, simply:

1. Make sure after installation and after carrying out a few opening and closing sequences that nothing has slacked; in any case, check periodically that there is no loosening caused by vibration, blows, etc.
2. Periodically lubricate by means of the provided lubrication point.
3. In the event of blows from moving vehicles and other factors, make sure that the hinges and parts for supporting and moving the gate have not been altered in any way or that their operation has not been affected.



Attention: installations that do not comply with the illustrated procedure or failure to carry out the correct maintenance operations can cause the gate to derail and endanger the safety of persons and property.

Selecting the hinge

Having calculated the A/H ratio of the gate in question (see figures) find the point in the graph that corresponds to the weight of the gate. The articles usable are those whose curve is above this point. If the weight of the gate is not distributed evenly, the value of A must be considered equal to twice the distance between the centre of gravity of the gate and the axis of rotation of the wing.

Solution with 1 hinge to combine with other articles

