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

Description

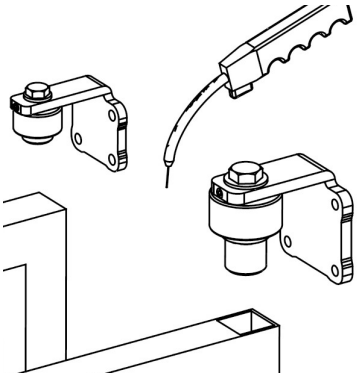
Galvanized top hinge with bearing and 4-hole support plate. Fix on the post side using plugs and bolts. Welded on the gate side.

Article combinations.

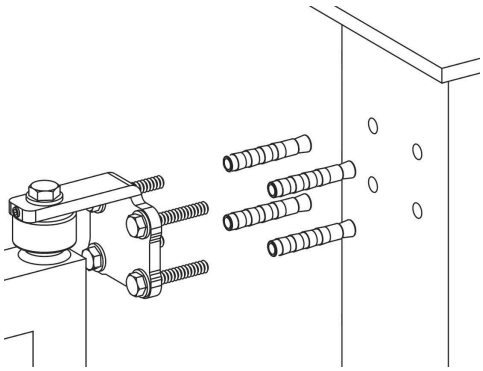
Various combination possibilities are shown in the table for each hinge, with the associated dimensions and any adjustments. For solutions with different articles, make sure that the dimensions of the combined article are compatible and that it supports the applied load.

Article of reference		Combined article	
Code	**G**	**Code**	**G**
262.40	60÷70	267.40 265.40 265.40T	60÷70 Min. 25 Min. 25
262.50	62÷72	267.50 265.50 265.50T	62÷72 Min. 30 Min. 30
262.60 **263.60**	69÷79 69÷79	267.60 265.60 265.60T	69÷79 Min. 35 Min. 35
262.70 **263.70**	80÷90 80÷90	267.70 265.70 265.70T	80÷90 Min. 40 Min. 40

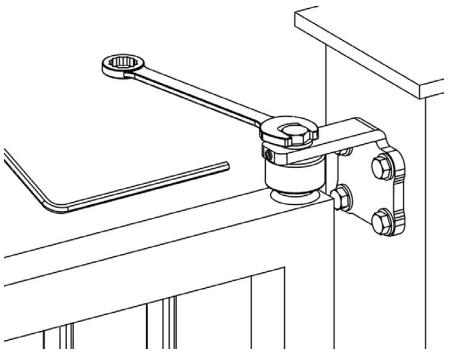
Assembly sequence



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



2) Position the wing in its definitive position at the bottom and mark the position of the holes; drill the post, insert the plugs, position and fix the hinge.



3) To adjust and fix the hinge, adjust the screw and dowel.

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 slackened; in any case, check periodically that there is no loosening caused by vibration, blows, etc.
2. Make sure that the wing does not drop because of yielding of the bottom support. If it does the pin could slip out of the bearing and the wing would fall. If you notice a drop of more than 2-3 mm, reinforce the bottom support or the paving (if the latter yields) and deweld and reposition the hinge if necessary.
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