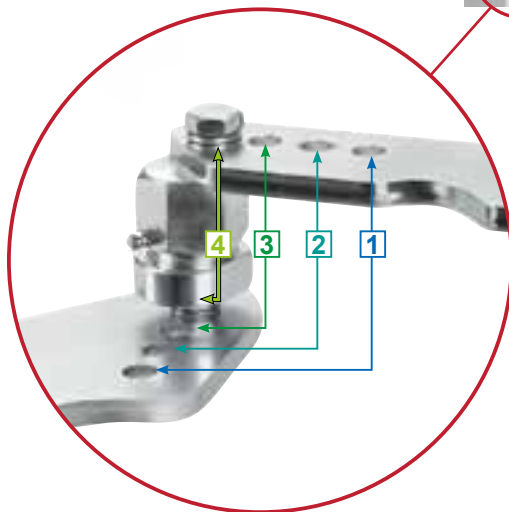
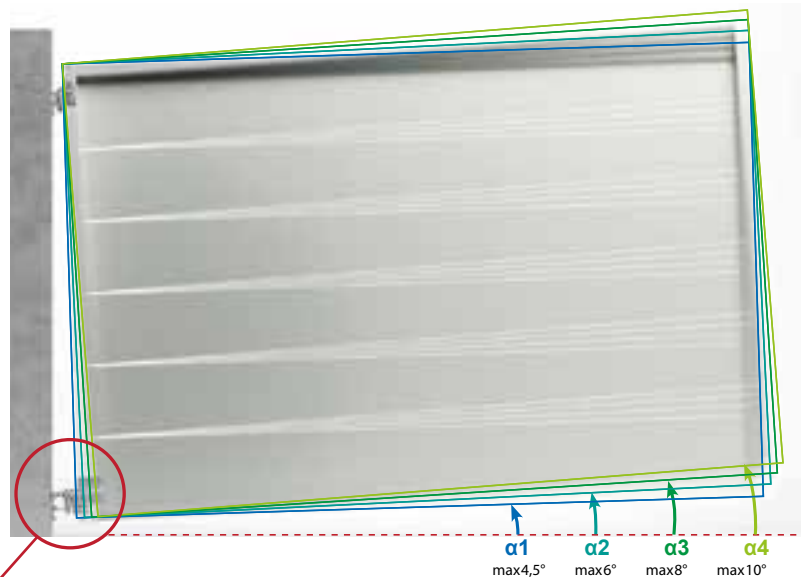




Rising/Uphill Hinge System

Rising hinge system for swing gates opening on an incline. Rising hinges is an innovative bolt-on gate hinge solution with 4 adjustable leaf inclination settings to match a slope of 4.5° up to 10°.



The lower hinge has an adjustment system consisting of 4 holes both in the bracket that connects to the gate leaf and in the bracket that connects to the post. Each pair of holes (1, 2, 3, 4) corresponds to an inclination of the gate.

By adjusting the distance between the two hinges and adjusting the lower hinge, the desired inclination can be obtained.

Upper Rising Hinge

The ball joint with grease nipple allows the gate to tilt during movement

Steel bracket for bolting to the post

Steel bracket for bolting to the gate leaf

The leaf bracket is connected to the joint by means of an off-axis eccentric screw; the rotation of the joint allows for a fine adjustment of the gate which is useful for placing it in a horizontal position and aligning it with the post.

Lower Rising Hinge

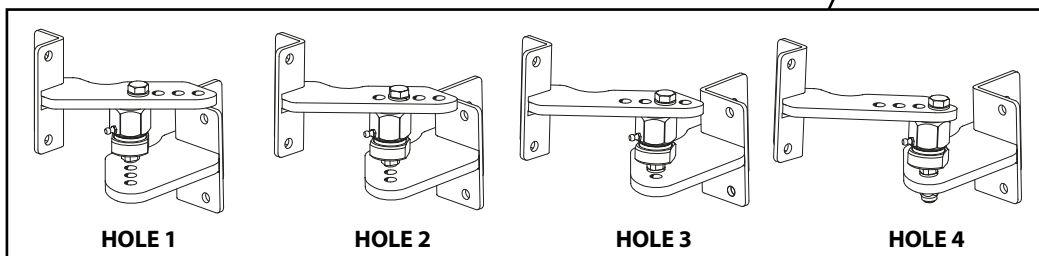
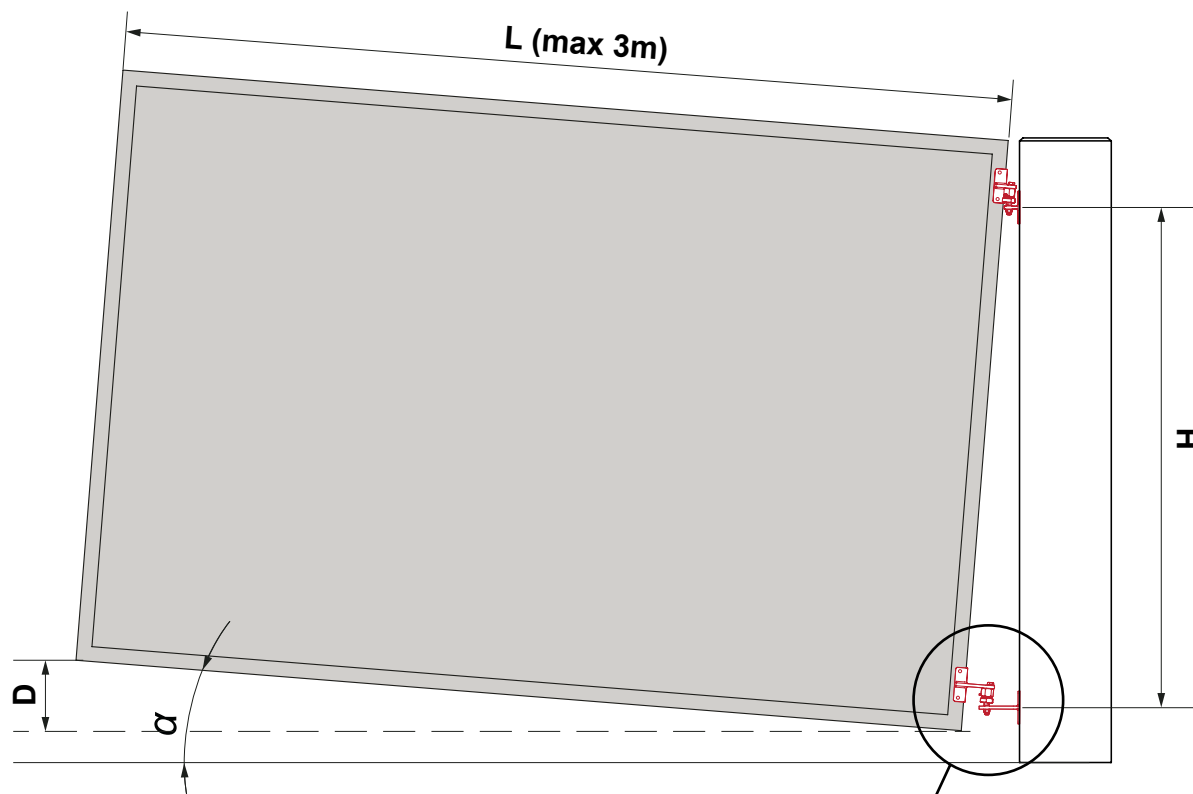
The ball joint with grease nipple allows the gate to tilt during movement

Steel bracket for bolting to the post

Both brackets have 4 holes; each hole corresponds to a different inclination of the leaf in the open position.

Steel bracket for bolting to the gate leaf

Lower hinge rise set up



Gate Height (ft/m)	HOLE	α°	D (in / mm) (L = 6½ ft / 2 m)	D (in / mm) (L = 10 ft / 3 m)
4 ft / 1.2 m	1	3	4 in / 100 mm	6 in / 150 mm
	2	4.5	6½ in / 160 mm	9½ in / 240 mm
	3	5.5	8 in / 200 mm	12 in / 300 mm
	4	7	10 in / 250 mm	15 in / 375 mm
5 ft / 1.5 m	1	2.5	3½ in / 90 mm	5½ in / 135 mm
	2	3.5	5 in / 120 mm	7 in / 180 mm
	3	4.5	6½ in / 160 mm	9½ in / 240 mm
	4	5.5	8 in / 200 mm	12 in / 300 mm
6 ft / 1.8 m	1	2	3 in / 70 mm	4 in / 105 mm
	2	3	4 in / 100 mm	6 in / 150 mm
	3	3.5	5 in / 120 mm	7 in / 180 mm
	4	4.5	6½ in / 160 mm	9½ in / 240 mm