Adjustable **Easy 3D** Hinges for wood entry doors
Over the years constant attention to new market trends and focus on the final user have led to development of an extensive range of hinges for entry doors: the Easy 3D.

Created to meet the need expressed by customers for hinges for heavy doors that are easy to install and adjust, today the Easy 3D range is able to cover most applications in various markets. Wide range of finishes give the door a unique top quality appearance.

New energy-saving trends and increasingly heavier doors call for top performing certified hinges. Easy 3D hinge was awarded CE certification by the IFT, Institute in Rosenheim (Germany), also certified to be suitable for use on fire doors. Easy 3D hinges have extremely high resistance to corrosion. The security screws are fitted to each hinge, it can support loads up to 353lb, which makes it an optimal solution for all kinds of needs.

The system comes with milling jigs and inserts and allows easy application to most profile types.

Why choose a milling hinge
- greater load-bearing capacity up to 353lb
- greater door stability
- a hinge that always maintains its vertical axis
- greater aesthetic value of the door

Why choose Easy 3D
- 9 different colors - no need to add additional cover caps
- 9 versions for a great range of applications
- security screws comes a as standard for all types
- high quality materials lead to extremely high resistance to corrosion
- each hinge can be adjusted in 3 dimensions for better weight distribution
- it can be used with two hinges only while still maintaining three adjustment levels
- easy to adjust when the door is closed
- only two holes in the frame for better look when the door is open
- suitable for use for fire doors
Adjusting the hinges

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>+/- 1/8”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>+/- 1/8” / - 5/64”</td>
</tr>
<tr>
<td>Gasket pressure</td>
<td>+/- 5/64”</td>
</tr>
</tbody>
</table>

The adjustment holes are placed in front of the hinge. These are independent, mechanical adjustments which do not interfere with each other and are made with a 5/32” hex key. Each hinge can be adjusted in 3 dimensions to distribute weight on all the hinges better.

**Horizontal adjustment to the left side**

1. Loosen the screw in hole 1.
2. With a 5/32” Allen key adjust +/- 1/8” turning screw 2 on the left side.
3. After the required adjustment, tighten the screw 1.

**Horizontal adjustment to the right side**

1. Loosen the screw in hole 1.
2. With a 5/32” Allen key adjust +/- 1/8” turning screw 2 on the right side.
3. After the required adjustment, tighten the screw 1.

**Height adjustment**

1. Carry out the height adjustment by operating on screw 3.
2. To distribute weight properly, carry out the adjustment first on one hinge and then gently line up the adjustment screws of the other hinges.
3. The adjustment is a self-locking mechanism.

For height regulation adjust screw 3 turns clockwise, to raise the door 1/8” and turn counterclockwise, to bring the door 5/64” down.

Once the adjustments are completed, fit the cap in the main body.
Certified hinge in accordance with EN 1935:2004 standard.

- Several profiles and gaskets
- Each hinge can be adjusted in 3 dimensions to distribute weight better
- Only two holes on the frame

Available in nine different colors:
- RAL 9005
- RAL 9017
- Light bronzed
- Brassed
- Matt nickel
- Matt chromed
- Powder coated light inox
- Imitation matt inox
- RAL 9016

Safety dowel as a standard on all versions

Wear-resistant self-lubricating bushes

Each hinge is checked and centred before dispatch

Each hinge can be adjusted in 3 dimensions to distribute weight better.
Adjusting the hinges

Gasket pressure adjustment

1. Carry out the gasket pressure adjustment by operating on screw 4.

2. The adjustment is a self-locking mechanism.

The hinge will be supplied with the central part adjusted for gasketed doors. For ungasketed applications tighten screw 4 turns clockwise to move the central part in the correct position. In both positions a +/- 2 mm adjustment is possible by tightening screw 4 turns respectively clockwise or counterclockwise.

When adjustments have been done, fit the cap on the central part of the hinge.
**Easy 3D-01 Ø 15**

<table>
<thead>
<tr>
<th>Code</th>
<th>Finishing</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>1179932</td>
<td>brassed</td>
<td>3 pcs.</td>
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<tr>
<td>1179935</td>
<td>light bronzed</td>
<td>3 pcs.</td>
</tr>
<tr>
<td>1179936</td>
<td>brown RAL 8017</td>
<td>3 pcs.</td>
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<td>1246949</td>
<td>white RAL 9016</td>
<td>3 pcs.</td>
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<td>1246950</td>
<td>matt nickel</td>
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<tr>
<td>1246951</td>
<td>powder coated light inox</td>
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<td>black RAL 9005</td>
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<td>1272759</td>
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<td>1338346</td>
<td>imitation matt inox</td>
<td>3 pcs.</td>
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</tbody>
</table>

**Application**