

Easier and more stable assembly: Larger opening size optimizes concealed hinge bestseller from BaSys

Basys has optimized one of its best-selling hinges for better processing. The „Pivota DX 38 3-D“, a concealed hinge for flush interior doors weighing up to 60 kg per pair, now has a higher opening dimension. The greater distance between the two hinge bodies ensures that the hinge can be milled deeper into the material on the leaf and frame side. This stabilizes the overall construction.

It was the distance between the leaf and the frame that was sometimes very tight when the door was opened and closed. This was reason enough for Basys to rework its bestseller. With the aim of retaining the small design, the manufacturer optimized the hinge geometry and increased the opening dimension; for example, when the door is opened 180 degrees, there are now not just 10 but 13 millimeters between the two hinge bodies.

The new milling ratio has proven its worth above all in the wood sector. Up to 33 percent more material remains at the edge and milling is easier. If the milling position remains unchanged, the leaf and frame have a greater distance between them when opening and closing.

The optimized model completely replaces the existing „Pivota DX 38 3-D“. For the user, this means that he has to set the milling pockets deeper for the new version: On the leaf side 31 instead of 28 mm, on the frame side 26 instead of 24 mm. External dimensions and contours remain unchanged. The tried and tested fasteners, such as fixing plates for case frames, can still be used.

Caption 1: It was the distance between the leaf and the frame that was sometimes very tight when the door was opened and closed. This was reason why Basys has optimised one of its best-selling concealed hinges, the "Pivota DX 38 3-D", here the old model. Foto: BaSys



Bildtext 2: The greater distance between the two hinge bodies in the new "Pivota DX 38 N 3-D" ensures that the hinge can be milled deeper into the material on the leaf and frame side. This stabilizes the overall construction. Foto: BaSys



Bildtext 3: The new "Pivota DX 38 N 3-D", a concealed hinge for flush interior doors weighing up to 60 kg per pair, now has a higher opening dimension. Photo: BaSys

BaSys

BaSys stands for Bartels Systembeschläge. The family-owned company run by Albert and Jürgen Bartels has been developing, producing and selling an all-embracing range of building hardware since 1995. With its hinge and striking-plate systems, BaSys regards itself as a problem solver for door and frame manufacturers throughout Europe as well as for national and international customers from retail and the trades. In 2001, the company was the first German manufacturer to present a concealed and three-dimensionally adjustable hinge with the "Pivota" product range, initiating a new design trend in the door industry. At company headquarters in Kalletal, East Westphalia, BaSys employs around 100 members of staff.