

Fensterbau Frontale, Nuremberg, 19 – 22 March 2024

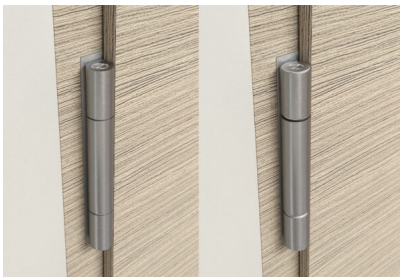
## **Strong & lean: Discreet barrel for heavy doors**

**They need to be strong for reliable continuous operation. And ever stronger as requirements increase. However, they should not be conspicuous and should blend discreetly into the door and wall design. This balancing act has long been achieved with concealed door hinge systems. At Fensterbau Frontale from 19 to 22 March 2024 in Nuremberg, BaSys is now also taking this approach for visible hinges.**

At stand 4-353 in hall 4, the focus will be on an object hinge system with a material thickness of 4 mm and a barrel diameter of just 20 mm instead of the usual 22 mm. This makes the „Objecta 2029/160/56-4“ for flush-hinged doors and the „Objecta 2039/160/56-4“ for rebated doors slimmer, but like the „2229“ and the „2239“ it can carry doors weighing 300 kilograms. There is also a variant for continuous seals in the door leaf.

The new development was not cost-driven, emphasizes Managing Director Jürgen Bartels. The only inspiration was the visual appearance, where the hinge does not reveal how heavy the door actually is. „It’s very charming when both normal and heavy doors in a building have the same lean barrel diameter throughout,“ he emphasizes.

Basys achieves the minimalist look by using a thinner axis around which the 4 mm thick material is rolled more tightly. According to Bartels, the production method has not changed the static or dynamic load values.



*Caption: The new "Objecta 2039/160/56-4" for rebated doors (left) is leaner with a barrel diameter of just 20 mm, but like the "2239" (right) it can also carry doors weighing 300 kilograms. There is also a version with a leaf seal and a version for flush doors. 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.