

## Hooked, good and proper



Elesa+Ganter has for many years offered locking mechanism operating along the “latch-frame” prefriction principle.

But to keep a sliding door shut, you’ll need a different principle: the hook-type latch GN 115.8 acting in radial direction.

Not all doors, flaps or even manhole covers have frames which may be used as an abutment for locking mechanisms with clasp impeder. With hook-type latches, these locking challenges are no problem at all. Hook-type latches essentially consist of two elements, namely the fixed closing bolt and the hook including the rotating setup. The assembly locks in radial direction to the axis of rotation, the angle of rotation is normally 90 degrees to the left or right – depending on the installation of the hook and the associated stop pin. Without this pin, the hook can be turned by as much as 360 degrees.

As the hook features a catch bevel, mounting tolerances are no problem. The mechanism closes up to a side offset between axis of rotation and bolt of as much as 4 millimeters. Elesa+Ganter’s hook-type latches also boast high vertical installation tolerances: the bolt rests in a longitudinal hole, allowing it to be adjusted by as much as 10 millimeters – which in turn delivers a perfect locking effect even with higher tolerances, without needing major refitting or adjustment work.

To operate the GN 115.8 hook-type latch, Elesa+Ganter offers three options:

1. Lockable with cylinder lock and key, with and without additional operating handle.
2. Non-lockable, fitted with triangular, square, slot and VDE double bit drive with socket key.
3. The variant with star knob, wrench, knurled knob, lever or T-handle operated manually.

Casing and axes of the hook-type latch are made of die-cast zinc, the operating elements are made of plastic, all other parts are made of zinc-plated steel – all complying with RoHS, of course.

In all, the best possible hook-type locking mechanism can be found for virtually every specific requirement. And if not, Elesa+Ganter will always find a non-standard solution.

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