

Latch with double turn



GN 116.1 rotary clamping latches
in various designs

The GN 116.1 rotary clamping latches

by Ganter close doors and gates safely

Locking doors, gates and flaps should be no real issue. But there are some situations calling for an additional clamping effect to make sure that the door is firmly pressed into the frame-side seal. This will improve the tightness and the vibration resistance of the key and prevents rattling and doors opening by themselves.

Ganter have now developed an extraordinarily compact solution which enlarges the locking mechanism with a stepless clamping function within the individual key spacings and so allows a clean closing action also with larger closing strokes - without any additional manual handling.

First, turning the knurled knob by 90 degrees takes the key into the closing position and locks the opening. If you continue turning the handle clockwise, the key travels in axial direction on the threaded bearing - and clamps the door against the frame. For opening, the movement is reversed, first loosening the clamping action and then the locking mechanism. An integrated pressure spring guarantees the necessary friction to „take along“ the key once the clamping action has been released.

The large clamping range of 12 millimetres and the differently shaped keys (straight or offset) covers a wide range of applications. With a tightening torque of two Newtonmeters, the closing force at the key reaches an astounding 300 Newton. Next to the large, ergonomically shaped polyamide knurled knob, there are also alternative operating options available with square, triangular, hexagonal and double beard drives. The plastic knurled knob and the powder-varnished zinc die-cast casing in connection with the zinc-plated blue passivated steel elements conform with RoHS.

Find out more in the internet at www.ganter-griff.com



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