


Innovation: 
Polyisocyanat – Springs



**Infinitely adjustable, extremely stable:
Polyisocyanat – Spring components.**

The innovative all-glass door locks
STUDIO – Private Line.



New. Unique. And patented.

STUDIO – Private Line: All-glass door locks with Polyisocyanat – Springs.

The new generation of the WSS all-glass door locks replaces the traditional springs by novel springs made from plastic.

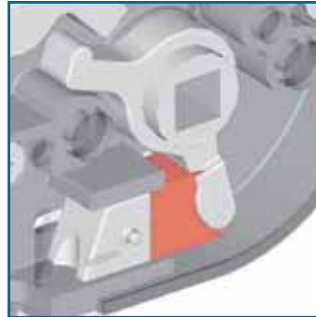
- infinitely adjustable lever handle resistance, e.g. for aluminium or stainless steel
- extremely high durability with more than 1.000.000 closing cycles

For knob, lever handle, aluminium or stainless steel.

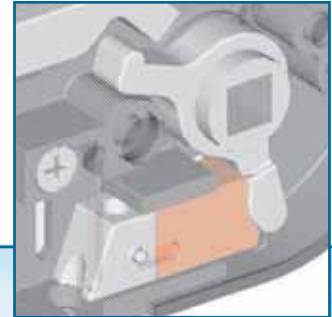
Lever handle resistances are infinitely adjustable. An adjustment to aluminium- or stainless steel lever handles as well as to individual requirements is possible at any time.

- maximum lever handle resistance with stainless steel handles
- minimum lever handle resistance with knobs or aluminium handles

maximum lever handle resistance



minimum lever handle resistance

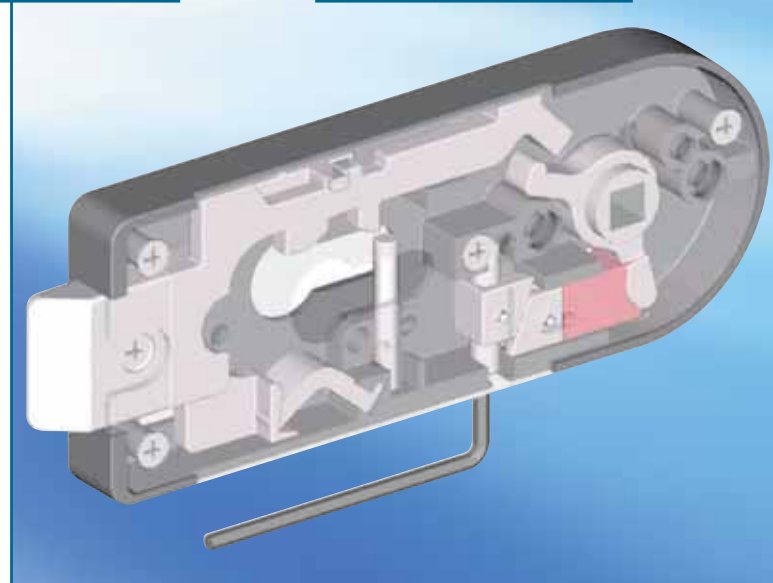


Discover innovations from WSS –
Discover all-glass door locks with Polyisocyanat

The innovation of locks: Polyisocyanat.

The material distinguished by its enormous durability. Abrasion or broken springs are passé.

- short molecular chains provide high elasticity
- no abrasion, no fatigue of material



medium lever handle resistance



very smooth-running in combination with turn knobs (ideal for dog owners)



high durability guaranteed also for high frequented doors



individually adjustable to application area (e.g. smooth-running for nursery schools and nursing homes)



fast and simple to adjust - also at mounted lock

Versions for all applications.

Various versions and application areas.

The new all-glass door locks are available in various designs for different application areas.

- prepared for profile cylinder
- warded keys
- non locking
 - lever handles in forward position
 - lever handles in rear position

All locks are tested according to DIN 18251.
100% fully functional after 1.000.000 opening cycles



Application areas for the new all-glass door locks:



■ Apartments



■ Nursing homes



■ One-family houses



■ Commercial buildings



■ Administration buildings



■ Hotels



These are the scores of our locks:

- infinitely adjustable lever handle resistance at mounted lock
- tested according to DIN 18251 with more than 1.000.000 operations
- suitable for combination with standard electric strike releases
- suitable without sub-roses for lever-handles with roses
- no further treatment for frames according to DIN 18101
- available with special latch for 10 mm single sheet toughened glass



WSS

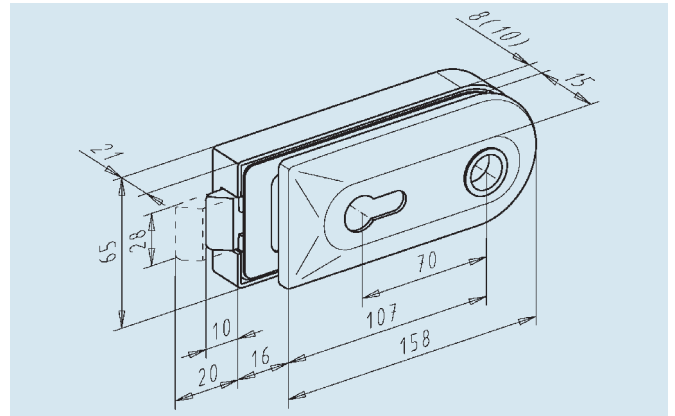
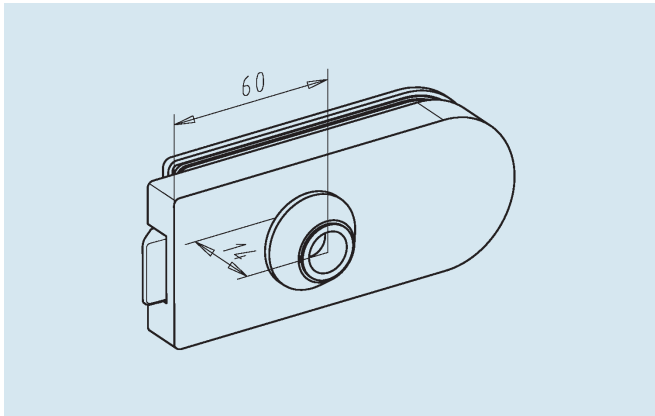
STUDIO-Private Line

Technical details

Interior glass door locks, hinges and lever handles designed to satisfy the challenges of today.

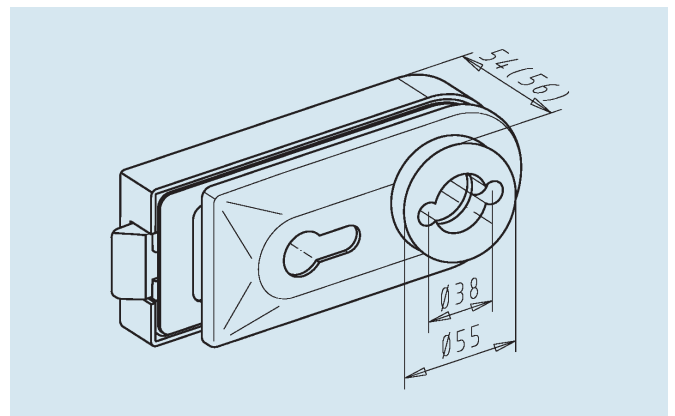
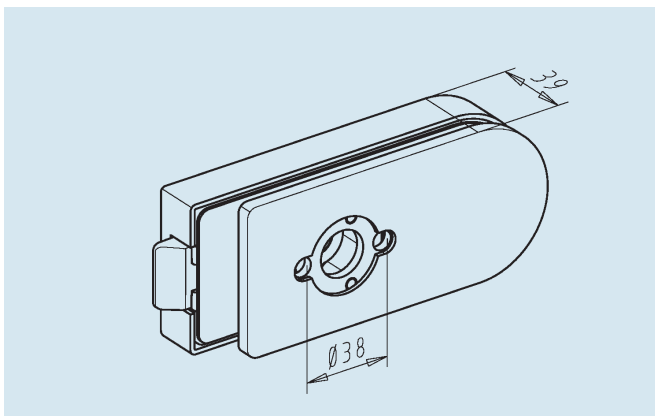
Lock:

- lock insert with noise-reducing internal plastic parts
- nickel plated brass latch bolt
- single throw / 20 mm bolt projection
- suitable for left and right hand installation
- tested according to DIN 18251, class 3
(cycles: 200.000 latch tests,
50.000 bolt tests)
- suitable for 8 – 10 mm single sheet toughened glass
- 61 mm profile cylinder, flush on counterplate side (exception: flat clamping plate)
- suitable for standard lever handles without roses which are supplied with 8 mm square pin and 18 mm shoulder guide
- stainless steel screws M5 (torque setting 5 Nm)



When using locks and lever handles with roses, please consider the following details:

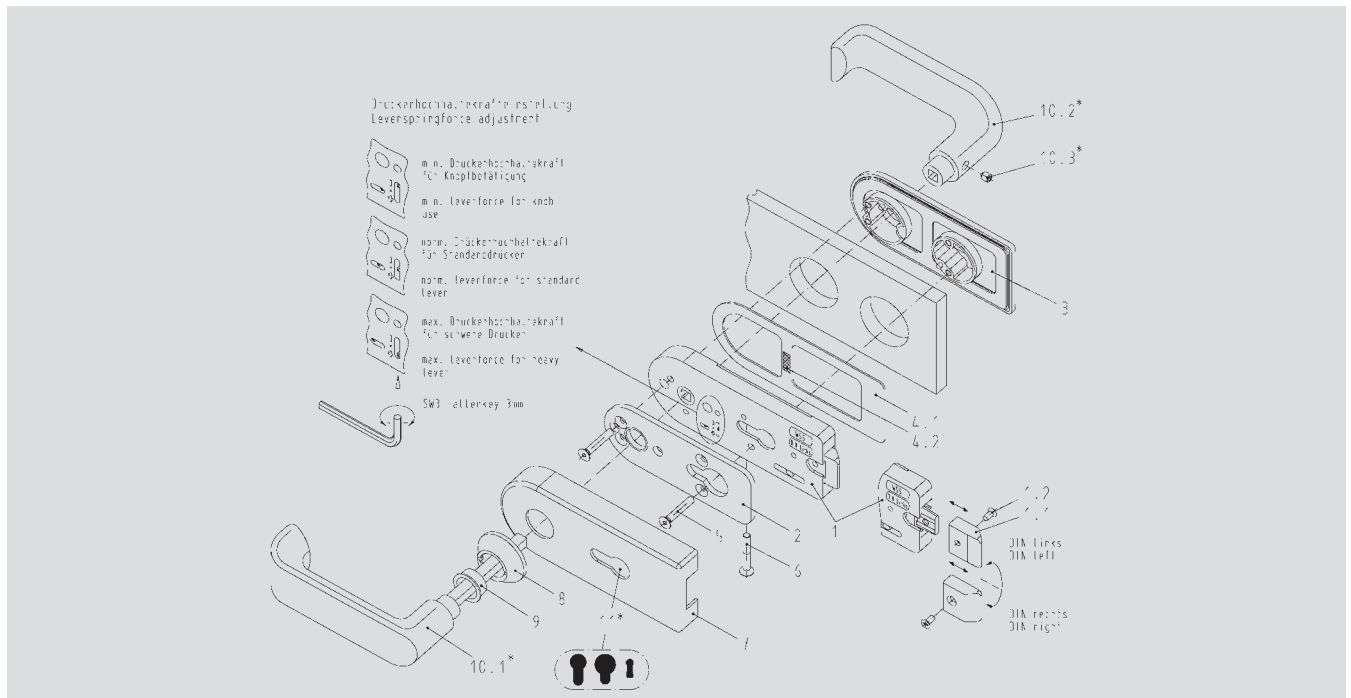
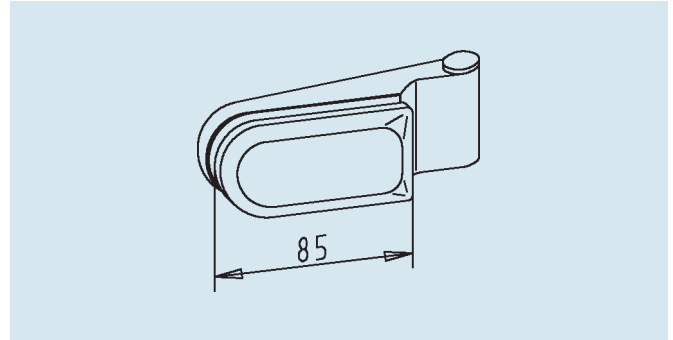
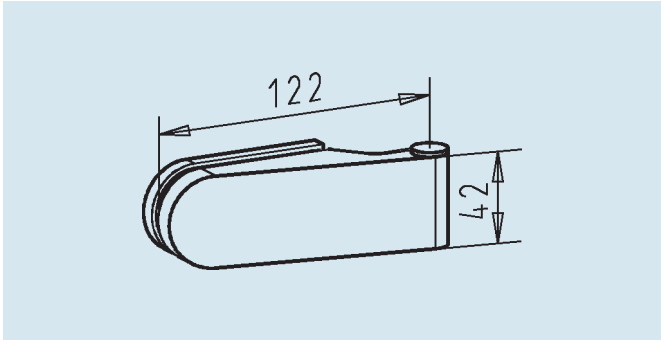
- 55 mm diameter roses
- 38 mm horizontal fixing centres
- adapter rose for clamping plate will be supplied (not applicable for flat clamping plate)



Technical details

Hinge:

- suitable for 8 (10) mm glass/24 (26) mm frame rebate depth
- installation in frames according to DIN 18101 / 18111
- available up to 45 mm frame rebate depth on application
- stainless steel screws M6 (torque setting 12 Nm)



Assembly instructions:

- Glass and gaskets have to be dust- and grease free. If necessary, please clean with alcohol
- Torque setting 5 Nm / hexagon key SW 3

1. Left handed pre-assembled
The handing of the lock can be adjusted by loosening the screw (1.2), removing and turning the latch bolt (1.1) and tightening the screw (1.2).
2. Fix gasket (4.1) to lock insert (1) using adhesive pad (4.2).
3. Fix lock insert (1), cover / clamping plate (3) and fixing plate (2) to glass using fixing screws (5).
4. Assembly of a profile- or KABA-cylinder:
Insert profile- or KABA-cylinder (11*) into the lock and secure with fixing screw (6).

Please only use the fixing screw (6) provided with the lock.

5. Fix cover / lockside (7) using screw-on-rose (8).
6. Insert plastic shoulder guide (9) into screw-on-rose (8).
7. Assembly of lever handles with shoulder guide:
Insert lever handle with square pin (10.1*) through lock side (7+1) and connect cover clamping plate (3) with female lever handle (10.2*) and secure with grub screw (10.3*)

WSS

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