

# Cold and damp outside? Everything dry inside.



## Thermally insulated lock cylinder (TIC)

### Your requirement:

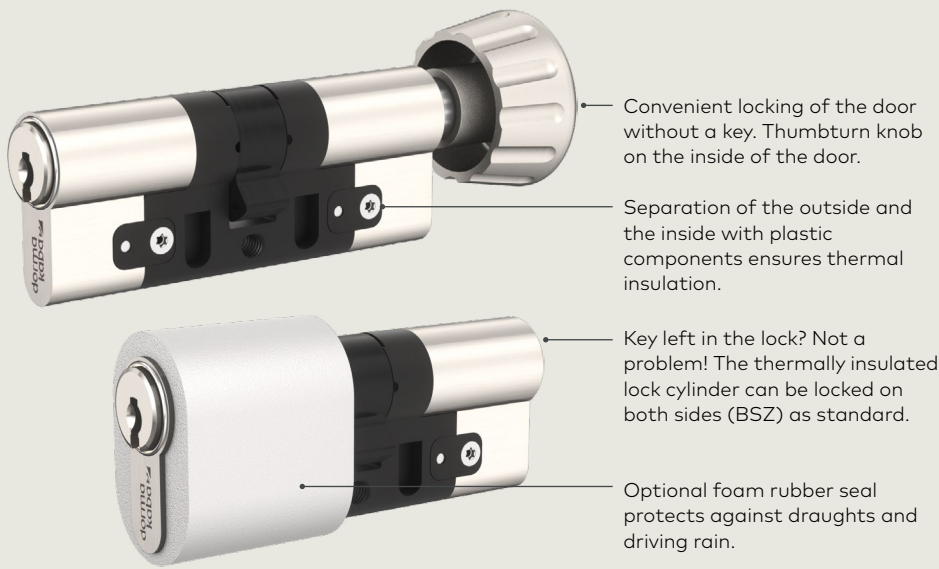
Is there condensation in your house on the inside of the lock cylinder?  
Are there doors in your locking system that are particularly exposed to the weather?

### Principle of operation:

Separation of the outside and the inside with non-heat conductive components ensures thermal insulation. Condensation cannot form on the inside of the door, even when it is extremely cold.  
The optional foam rubber seal on the outside of the lock cylinder protects against draughts and driving rain.

### Thermal insulation

- 01** Houses are becoming better and better insulated to save energy costs
- 02** Without a thermally insulated lock cylinder, condensation can form on the lock cylinder and rosette, which can damage the lock cylinder and door in the long term
- 03** The thermally insulated locking cylinder prevents condensation forming on the inside of the door



Convenient locking of the door without a key. Thumbturn knob on the inside of the door.

Separation of the outside and the inside with plastic components ensures thermal insulation.

Key left in the lock? Not a problem! The thermally insulated lock cylinder can be locked on both sides (BSZ) as standard.

Optional foam rubber seal protects against draughts and driving rain.

## Technical features

### Thumbturn knobs

- Round knob (RK)
- Mega knob (MK)
- Oval knob (OK)



### Length options

- shortest overall length 80 mm
- shortest side length 35 mm
- longest side length 100 mm
- shortest cylinder 35/45 mm

### Surface finishes

- nickel plated (NI)
- dull brass (MS)
- other surface versions available upon request

### Coupling

- Double cylinder with double key override
- Thumbturn cylinder with standard coupling

### Cam

- Standard cam
- Biffar
- 4-tooth
- Cogged cam ZR10
- Cogged cam ZR18

### Special function

- **Change access permission? A conversion key makes this possible!**  
Construction phase function (BAZ)  
- Available depending on the system

### Areas of application

The thermally insulated lock cylinder is particularly suitable for entrance doors which are exposed to adverse weather conditions. The cylinder shows its capabilities in cold, draughts and heavy rain.

### Locking systems and types

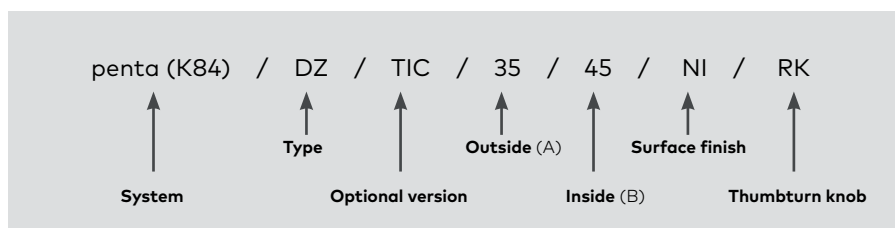
Regardless of your desired dormakaba locking system, the thermally insulated lock cylinder in all current reversible key systems are supplied in the Euro profile. You can order the cylinder as a double cylinder (DZ) or as a thumbturn cylinder (DKZ).

### Special function

The double cylinder is equipped with the double key override function (BSZ). Unlocking the door from the outside is possible even if there is a key inserted and turned on the inside.

### Order code

Please note the following when ordering a lock cylinder:



Order example: double cylinder or thumbturn cylinder

System/DZ/TIC/40/55/NI

System/DKZ/TIC/45/55/NI/RK

### Certifications

- EN 1303:2015-08 with classification key: 160BOC6B
- EN 1634-1 Fire protection test
- Driving rain proof according to ÖNORM EN 12208 Grade E1050

Subject to technical changes.  
WN 5545451532, 04/22

**Any questions? We would be happy to answer any questions you may have.**