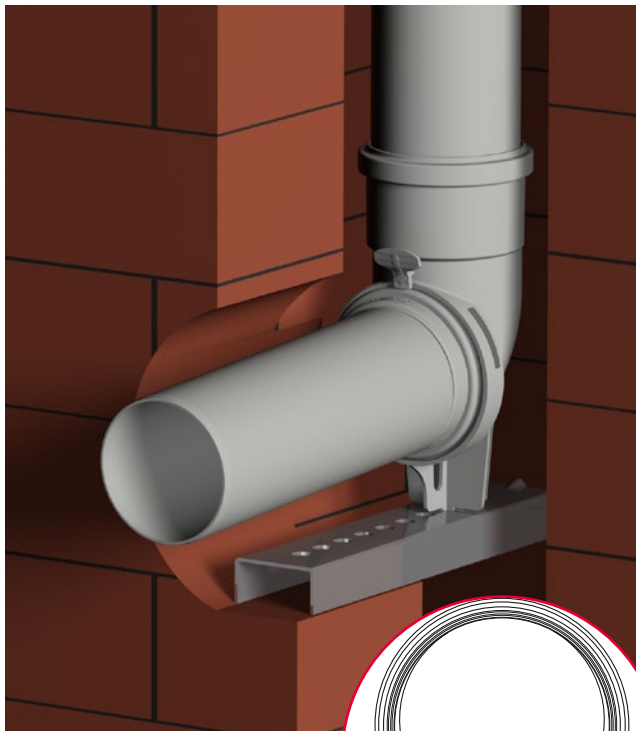


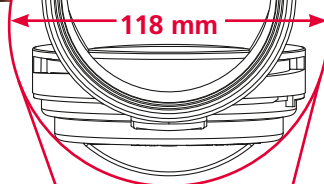
# The short bend from Skoberne – the solution for particularly narrow shafts

*Quick and easy assembly thanks to the two-part design of the support bend*

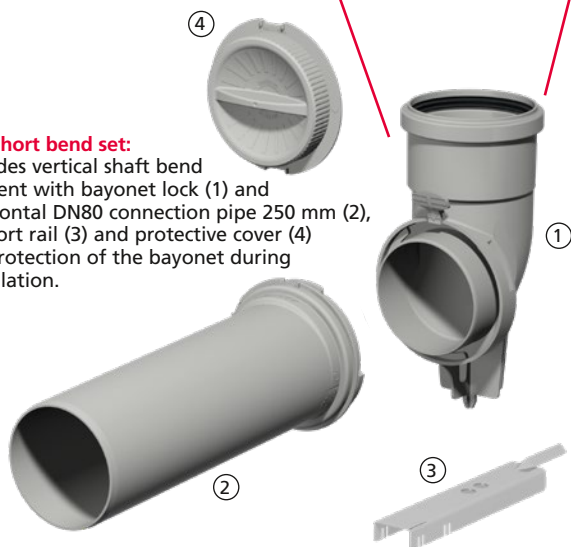
**ONE OF THE MOST COMPACT BENDS ON THE MARKET**



The top view shows clearly the particularly small external dimensions of the short bend.



**The short bend set:** includes vertical shaft bend element with bayonet lock (1) and horizontal DN80 connection pipe 250 mm (2), support rail (3) and protective cover (4) for protection of the bayonet during installation.



With the new **short bend DN80** we offer a system solution, which minimizes the installation effort when **new flue liners** are required in **particularly narrow shafts** or **existing pipes**, made of stainless steel or ceramic – which is often the case with renovations.

The Skoberne short bend has particularly small outer dimensions of only 118 mm, meaning it can be lowered, whilst fixed to the riser pipe, into the shaft. The required opening to make connection therefore doesn't have to be so wide and is also easier to „make good“ after installation.

The horizontal joining pipe can be connected from the boiler room but here the connection between the two components is made with a special bayonet locking joint, which prevents unintentional loosening of the connection. When separation is required, just by pressing the release button, the components can be separated again.

When lowering into the shaft the supplied Skoberne protective cover should be fitted into the shaft bend. It protects the bayonet and the seal seating from damage and dirt.

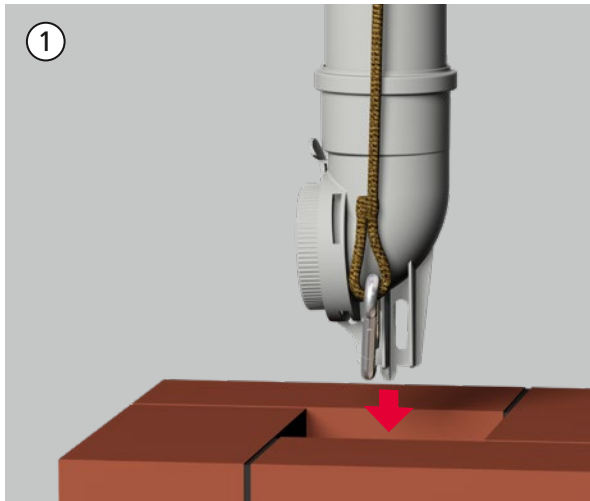
## *Advantages and features at a glance*

- Small overall external dimensions of only 118 mm
- Suitable for shafts and for chimney pipes made of stainless steel or ceramic, with inside dimensions equal to or greater than 120 mm.
- For exhaust pipe DN80
- Simple installation by lowering the short shaft bend together with the flue pipe from the top of the shaft.
- Minimal horizontal opening through to the shaft in the boiler room or drilling into existing pipes and so less “making good” required
- Two standard variants of support rails for installation in shaft or respectively in case of renovation with chimney tubes
- safe connection with bayonet lock
- proven Skoberne double lip seal made of EPDM

Please send your request to [vertrieb@skoberne.de](mailto:vertrieb@skoberne.de) and let us advise you.

# The short bend from Skoberne – the solution for particularly narrow shafts

PERFECT FOR REFURBISHMENT



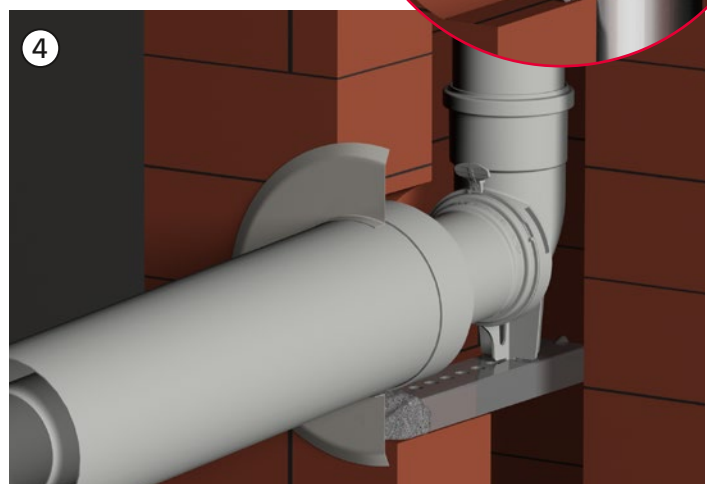
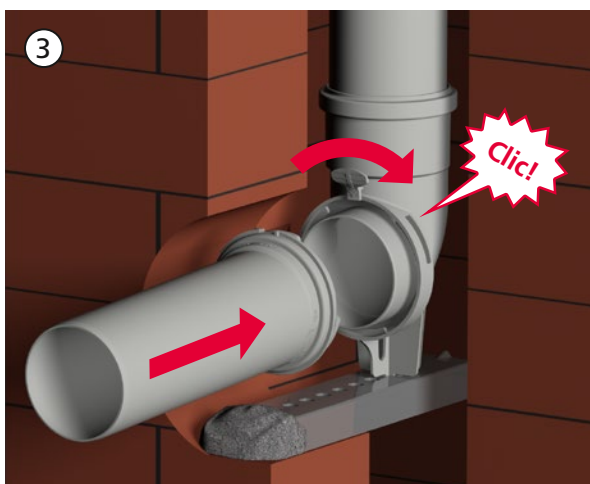
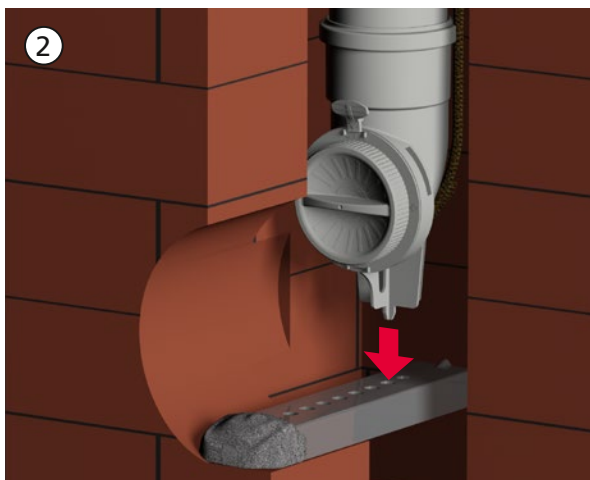
## Quick and simple installation

The initial installation operation of the vertical shaft bend is carried out from the roof. It is lowered with the vertical flue gas pipe into the shaft from above, with cover plate protecting the opening of the short bend. During the lowering operation a pull-in tool prevents the sockets of the exhaust pipe from disconnecting. The rope of the pull-in tool is attached in eyelets at the bottom of the short bend, keep the rope taut while lowering (1).

The installation of the rail takes place as usual (2). Then the vertical exhaust pipe with its pre-fitted 90° arc element of the short bend with protective cap, are lowered into the shaft and fixed into the previously installed support rail.

The lowering in rope can be detached and the protective cover can be removed through the core-drilled opening for the horizontal flue pipe. Now the horizontal pipe can be inserted into the short bend and by rotating the pipe clockwise the bayonet lock will snap into place and the sealed connection between the two elements will be established, secured against unintentional loosening (3).

The continuation of flue run to the boiler can now be installed using the safe and reliable Skoberne connecting pipes and support brackets (4).



For installation in existing chimney flue pipes made of stainless steel or ceramic: The slots in the support rail snap into the pipe wall and so secure its position.

Latest revision: May 2021, subject to technical changes, Art.-no.: DOC135\_0 EN