

Schnabl Fastening Systems for cable and pipe installation

EC Euro-Clip-Systems · **KB** Cable bracket · **SH** Holder
DKS Dowel clamp · **DSN** Dowel fastening nail

60%
TIME SAVING
WITH SCHNABL

TÜV
AUSTRIA



Drill. Fasten. Finish!

Save up to 60 % of your working time

The principle

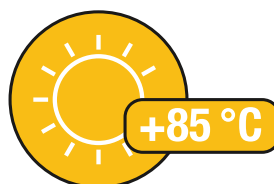
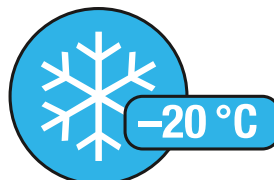
The basic principle of Schnabl fastening technology is that the fastening elements can be inserted **without a tool and with very little effort** into a 6 mm drill hole. Utilising the special – eccentric – design of the expansion element when under tension, the fastening elements are securely retained in place and will thus withstand any working load seen in

normal conditions. Schnabl products can withstand torque forces up to 40 kg. The expansion elements create a friction connection with the borehole wall thereby enhancing the retention force with an increase in the load.



The benefits of Schnabl clips:

- Multiple installation capacity: simply drill and fasten
- Only one drill diameter (Ø 6 mm) for all Schnabl clips
- Fastening elements for conduits and cables, recessed and dry wall
- Fastening on insulated ceilings and walls
- Torque forces up to 40 kg
- No rusting parts
- Temperature range from –20 to +85 °C
- UV-stabilised and halogen-free
- 960 °C filament also tested if desired
- Tested by the 'Institut für Kunststofftechnik'
- KEMA tested
- TÜV tested



TÜV Austria has tested the efficiency of Schnabl.

The clear cut result: **Schnabl saves up to 60% of your working time!**

Schnabl took the opportunity to prove their efficiency. Under the monitoring of TÜV Austria, the work rate of pipe installation was analyzed on a construction site. The time comparison of Schnabl with traditional installation methods was

carried out on identical parts of a building project. **Schnabl showed a clear advantage** at the in wall and the on wall installation.




58 % saving time at on wall installation!

At the on wall installation, the Schnabl EC clamp in combination with the ESD Euro

Fastening Anchor was compared against an anchor bolt and a clamp and screw combination for the installation of cable pipes. The big advantage of Schnabl compared to every other technique is the instant plug in installation after drilling.



	Concrete Anchor	Clamp & Screw	Schnabl
Mounting Time	29' 54"	26' 40"	12' 27"



For more information about the TÜV tests, see www.schnabl-steck.at

EC Euro-Clip

The Schnabl system for the fixation of conduit

EC: Versatile!

Used with other Schnabl products, the EC clip can be fixed to different types of substrates:

- 1 with the ESD Euro-fastening anchor in concrete and brick
- 2 Pipes with heavy weight can be secure with the UVB Universal Clamping Bracket
- 3 with the EDV Euro twist-on connection in slotted hole on thin surfaces or cable conduits
- 4 With the ESV Euro connector lock in round holes on thin surfaces or cable conduits
- 5 with the GTH Basket Tray Holder
- 6 with the SGC Schnabl Thread Clip on to threaded rods
- 7 with the DHI fastener for insulation materials
- 8 With the EKP Euro adhesive pad for mounting to all materials
- with the KB Cable bracket
- with the SH Holder
- or by simply screwing the EC Euro Clip

Fine adjustment. The EC Euro Clip can be positioned, in combination with the ESD, EKP, EDV, ESV, ESP or SGC, by pushing it over the entire clip width, even after installation.

Thanks to the **functional clip system**, several EC Euro clips can be clipped together in various sizes.



ESD Euro fastening anchor

- 1 It is suitable for use on plasterboard/fermacell, concrete, bricks, thermalite and breeze blocks. Cables (max. 4,5 mm width) can be attached to the ESD with a cable tie.



UVB Universal clamping bracket

- 2 With the UVB, even **tubes with heavy cable bundles** are held securely in the EC.



EDV Euro twist-on connection

- ③ Ideal for fixing conduits to all conventional **cable conduits with slotted holes.**



ESV Euro connector lock

- ④ Ideal for fixing conduits to all conventional **cable conduits with round slotted holes.**



GTH Basket Tray Holder

- ⑤ The GTH Basket Tray Holder for the time-saving **mounting** of conduits **on basket trays.** In combination with the SDC Schnabl-Distribution-Box-Clip clip junction boxes can be fitted on basket trays.



SGC Schnabl Thread Clip

- ⑥ With the Schnabl SGC pies can be easily mounted on to **M8-10 threaded rods** in combination with the EC Euro-Clip.



DHI Insulation fixing

- ⑦ Add EC clamps and other items using screws into the DHI. It enables an installation of conduit **in insulated ceilings and walls.**



EKP Euro adhesive pad

- ⑧ For fastening conduits **on all surfaces,** on which neither can be drilled still screwed.

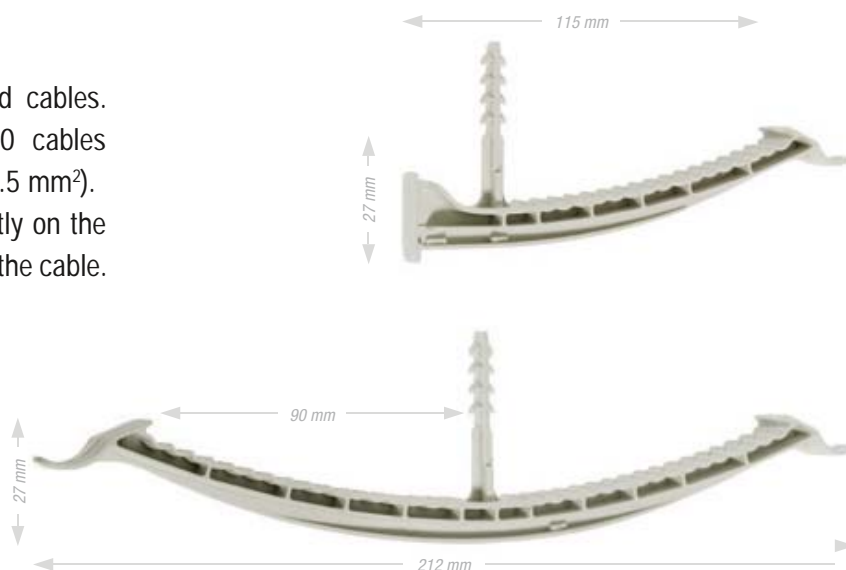


KB Cable bracket and SH Holder

The Schnabl system for multiple laying of sheathed cables

KB: Consistently efficient.

For the conduit laying of non-metallic sheathed cables. The KB 10 cable bracket can hold up to 10 cables ($3 \times 1.5 \text{ mm}^2$) and the KB 20 up to 20 cables ($3 \times 1.5 \text{ mm}^2$). Perfect and quick laying of multiple cables directly on the ceiling. Insert the KB with minimal effort, then lay the cable.



Unique possibility to add EC Euro Clips – for supplementary mounting of a conduit, for separated installation of different lines – without having to drill again.

SH: The simplest way of multiple laying.

For the multiple carrying of up to 30 sheathed cables with $\varnothing 10 \text{ mm}$.

Even when installed, the cable holder can be easily opened and closed again. This allows cables to be easily added and removed. There is the option to fit the Schnabl EC Euro clip on to the SH cable holder.



The SH holder forms a closed ring around the sheathed cables and **can be re-opened using a handle.**

DKS Dowel clamp, DSN Dowel fastening nail

The Schnabl system for laying sheathed cables

DKS: It's that easy!

Cables can be easily, fast and clean installed on-wall. One drill-hole will do. The special eccentric teeth of the DKS Dowel clamp are friction-locked with the drill-hole and withstand tensile forces up to 40 kg.



Good cable tension options with the DKS. When laid, the strap is barely visible.

High Tensile force. Thanks to the special eccentric teeth a drill-hole suffices to fix cable lines.

DSN: A thumb pressure is sufficient.

The Dowel Fastening Nails DSN 30 and DSN 40 are, due to their slim width of only 4.5 mm, suitable for time and effort saving mounting of fire detectors, lamps and many other objects. Very good clamping effect thanks to nail head's special shape. No dowels or screws required



With the DSN 30 und DSN 40 you will successfully **fasten fire detectors, lamps and sockets** "at the push of a thumb".



Schnabl products at a glance

Once you've worked with them you'll never go back

For conduits

- ESD** Euro- fastening anchor
- EC** Euroclip
- UVB** Universal clamping bracket
- EDV** Euro twist-on connection
- ESV** Euro connector lock
- GTH** Basket Tray Holder
- SGC** Schnabl Thread Clip
- ESP** Euro shooting plate
- AKS** Distance gripper clamp
- RK** Conduit Claw
- ESS** Single fastening clamp
- DSS** Double fastening clamp
- DSA** Double fastening clamp



For cables

- DKS** Dowel clamp
- DSS** Double fastening clamp
- DSN** Dowel fastening nail
- KB** Cable bracket
- KBS** Cable bracket for shooting
- SH** Cable Holder
- TAP** Support anchor panel
- TA** Support anchor
- TB** Terrace bracket



For recessed hoses

- TA** Support anchor
- TB** Terrace bracket
- USA** Recessed clamp autom.
- USE** Recessed clamp single
- USD** Recessed clamp double



For Dry Wall/Fermacell

- CF** C-Fix
- PD** Board anchor
- SBA** Schnabl drill stop
- USA** Recessed clamp autom.
- EKP** Euro adhesive pad
- ESD** Euro fastening anchor



On insulations

- DHI** Insulation fixing

Drilling in hollow building blocks, ceramic tiles, glass

- LB** Lance drill

In concrete ceilings

- SBC** Schnabl Wire Mesh Clip

Connection of two conduits

- ECV** Euro-Clip Connector

Mounting of conduit boxes

- SDC** Schnabl Distribution Box Clip

