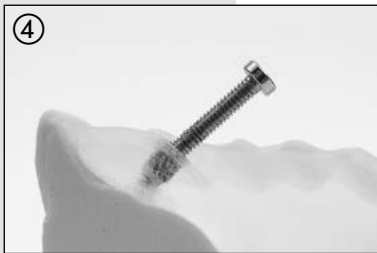


VECTOR® Piston Screw Assortment

Hints for use



VECTOR® piston spring screws are used to move single teeth during an orthodontic treatment using removable appliances.

Due to constant product development we advise you to read carefully our instruction delivered with the product or on our website www.scheu-dental.com/downloads, even if you use our products on a regular base.

Use/Fabrication

Insert the mounting screw into the serrated housing nut, with approx. 0.5 mm projecting beyond the conical end (Fig. 1). Ensure to position the screw correctly to the tooth using sticky wax (e.g. SUPRADENT). Ensure not to apply any wax in the area of the serrated housing nut.

The model should be kept dry for secure adhesion of the wax (Fig. 2).

Alternative: Drill a 2.0 mm deep hole in the tooth on the model using a bur (Ø 1.5 mm) to insert the mounting screw. The distance between housing and surface of the tooth should be about 0.5 mm. Then proceed with applying resin to this area (Fig. 3).

Soak the model for 10-15 min., then remove excess water with compressed air and apply a small layer of orthodontic insulating agent (REF 8364).

Now a cold cure resin such as STEADY-RESIN S can be applied with the salt-and-pepper technique ensuring a sufficient amount of resin is applied above the serrated housing nut too, so that the head of the VECTOR® piston spring screw is protected and irritations in the area of the tongue can be excluded later. After polymerisation in a pressure pot the positioning screw can be unscrewed, with the orthodontic plate still being on the model (Fig. 4).

Finish and polish as usual. Use a reamer to recut the thread in the resin, if necessary (Fig. 5).

Hint: For easier handling, we recommend to fix the reamer into the stainless steel holder (REF 5355) (Fig. 6).

Then insert the desired VECTOR® piston screw. Begin using the 4.0 mm screw, then exchange it by the 6.0 mm screw and once again by the 8.0 mm screw, until the desired movement of the tooth is reached (Fig. 7).

Safety note: Ensure not to unscrew VECTOR® piston screws too far from the serrated housing, as they don't have a stop!

Delivery program:

Illustration	Designation	Quantity	REF	Material	CE-Marking
	Piston spring screw length 4 mm	5 pcs.	2477	1.4305 (Spring: 1.4310)	yes
	Piston spring screw length 6 mm	5 pcs.	2478	1.4305 (Spring: 1.4310)	yes
	Piston spring screw length 8 mm	5 pcs.	2479	1.4305 (Spring: 1.4310)	yes
	Serrated housing nut	5 pcs.	2481	1.4305	yes
	Mounting screw*	5 pcs.	2480	–	–
	Reamer*	1 pcs.	2482	–	–
	Stainless steel holder	1 pcs.	5355	–	yes
	Screw driver*	1 pcs.	2483	–	–

* No medical product and therefore not suitable for use in the mouth! **Contains nickel!**

