

## Steptec rail punch

# Instructions for Use



for shortening and punching the Steptec mounting rail without burrs

**Model**  
8420

**Year built:**  
from 04/2004

en\_INT

**viega**



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# 1 About these instructions for use

Trade mark rights exist for this document, further information can be found at [viega.com/legal](http://viega.com/legal).

## 1.1 Target groups

The information in this instruction manual is directed at the following groups of people:

- Heating and sanitary professionals and trained personnel

It is not permitted for individuals without the abovementioned training or qualification to mount, install and, if required, service this product. This restriction does not extend to possible operating instructions.

The installation of Viega products must take place in accordance with the general rules of engineering and the Viega instructions for use.

## 1.2 Labelling of notes

Warning and advisory texts are set aside from the remainder of the text and are labelled with the relevant pictographs.



### **DANGER!**

This symbol warns against possible life-threatening injury.



### **WARNING!**

This symbol warns against possible serious injury.



### **CAUTION!**

This symbol warns against possible injury.



### **NOTICE!**

This symbol warns against possible damage to property.



*Notes give you additional helpful tips.*

### 1.3 About this translated version

This instruction for use contains important information about the choice of product or system, assembly and commissioning as well as intended use and, if required, maintenance measures. The information about the products, their properties and application technology are based on the current standards in Europe (e. g. EN) and/or in Germany (e. g. DIN/DVGW).

Some passages in the text may refer to technical codes in Europe/Germany. These should serve as recommendations in the absence of corresponding national regulations. The pertinent national laws, standards, regulations and guidelines, as well as other technical guidelines, have priority over German/European guidelines in this manual: The information is not binding for other countries and territories and should, as mentioned, be considered as support.

## 2 Product information

### 2.1 Intended use

#### 2.1.1 Areas of use

The Steptec rail punch is intended for burr-free shortening and punching of the Steptec mounting rail, model 8401.

No other objects may be cut or punched using the rail punch.

### 2.2 Product description

#### 2.2.1 Overview

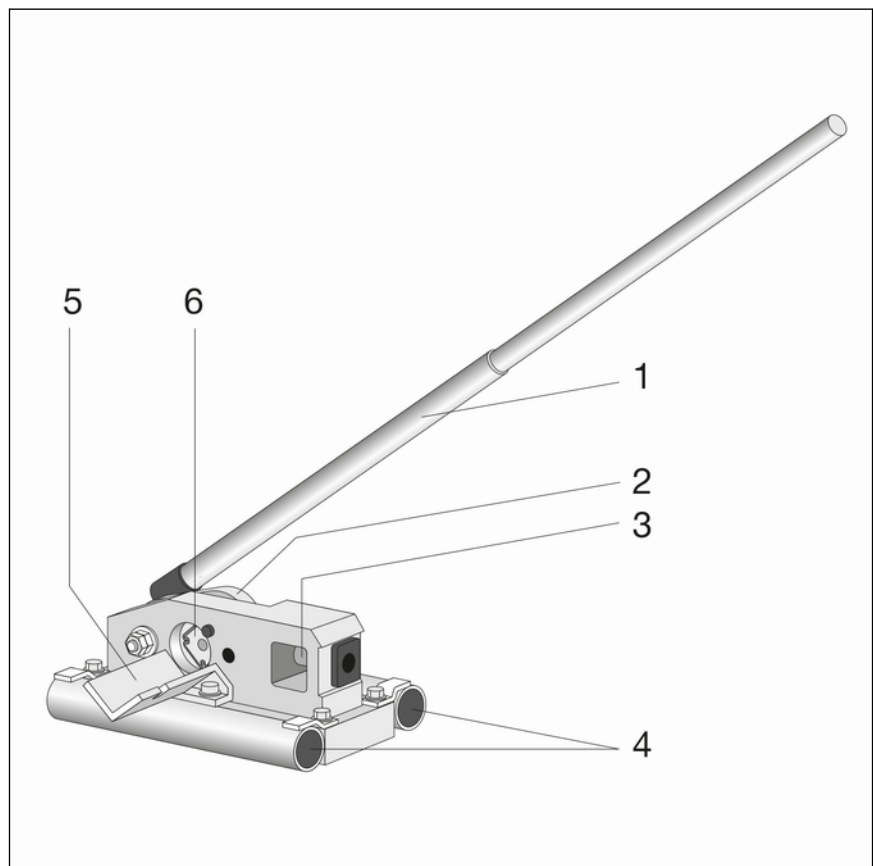


Fig. 1: Components

- 1 - guide piece, with marking
- 2 - die holder
- 3 - rail guide and cutting tool for the shortening of the Steptec rails
- 4 - lever (removable)
- 5 - rail guide and hole punch for punching of the Steptec rails
- 6 - pipe guide for 1 inch pipes

# 3 Handling

## 3.1 Assembly information

### 3.1.1 Required tools

The following tools are required for mounting the spare parts:

- fork or ring spanner: 13 mm / 17 mm
- Allen key: 3 mm / 5 mm

## 3.2 Use



### NOTICE!

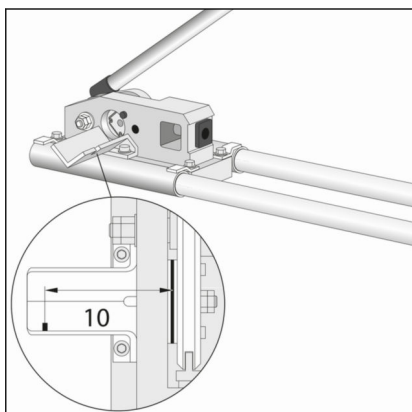
Only use the Steptec punch when it is safely secured:

- secured on a solid base or
- extension of the base by two 1 inch pipes



*Lubricate both the eccentric mount and the punching blade with a drop of oil after 500 cuts.*

### Shortening Steptec rail

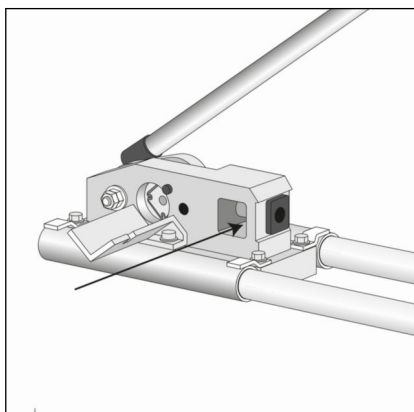


- Observe the additional measuring aid:

The distance from the marking to the cutting point is 10 cm.

- Open the lever.
- Push the rail into the guide and set to the desired length.
- Return the lever to the original position and shorten the rail.

### Punching rail profile



- Open the lever.
- Push the rail so far into the guide that the position to be punched is in the punch.
- Replace the lever to the original position and punch holes in the horizontal side.

### Mounting spare parts



*The lifespan of the punching blade is roughly 25,000 cuts and 25,000 hole punches.*

*It is recommended that the blade is changed after this amount.*

The blades can be obtained through specialist wholesalers.

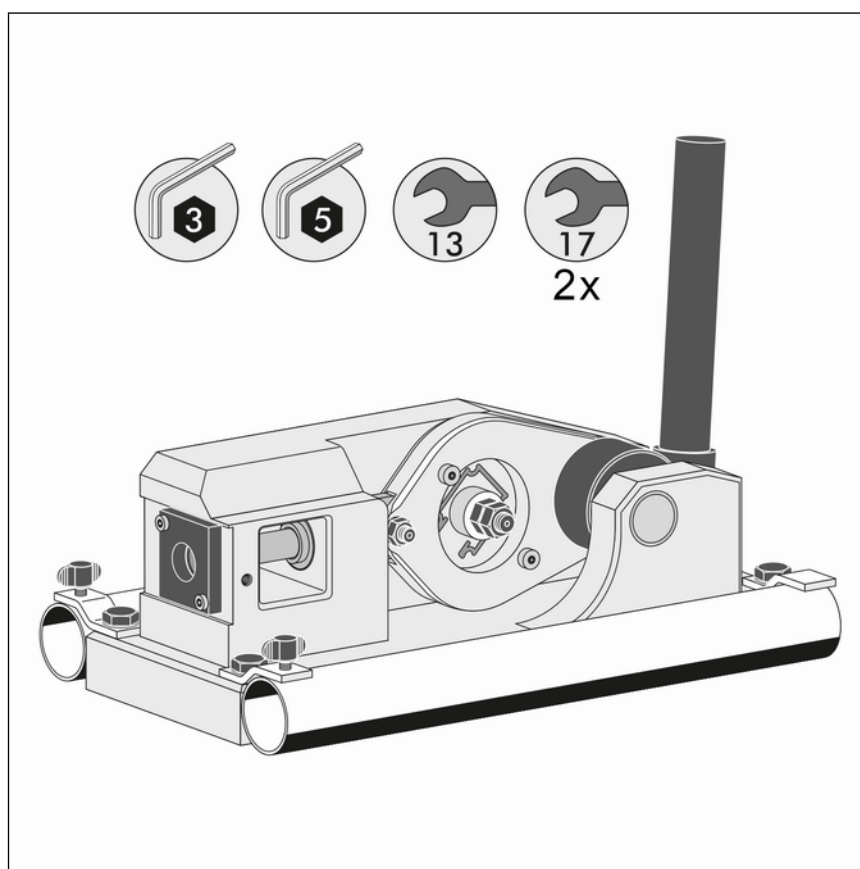
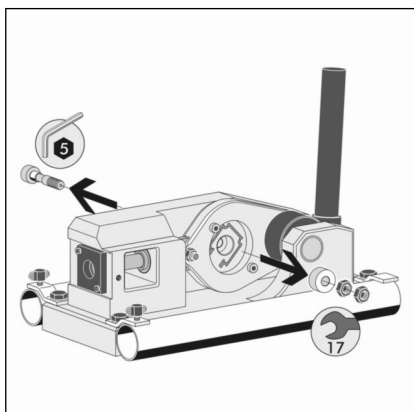


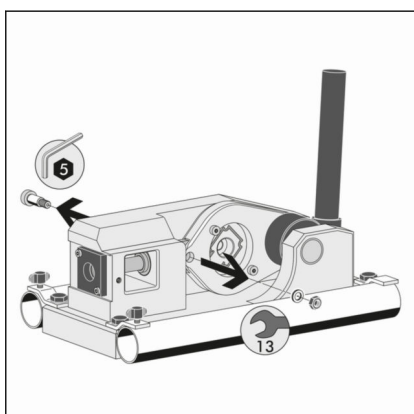
Fig. 2: Required tools

### Replacing cutting blade

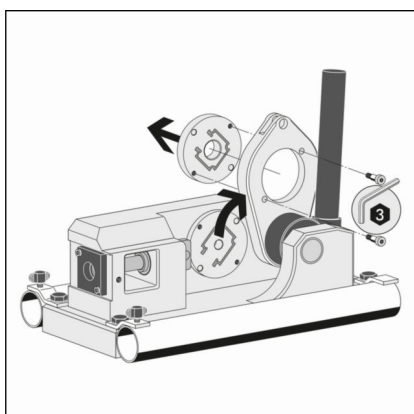




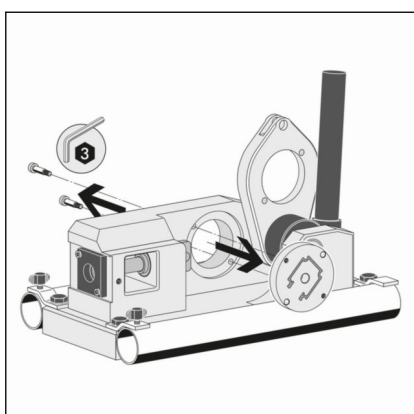
- Loosen and remove nuts and fixing screws with a ring spanner (SW 17) and an Allen key (5 mm).



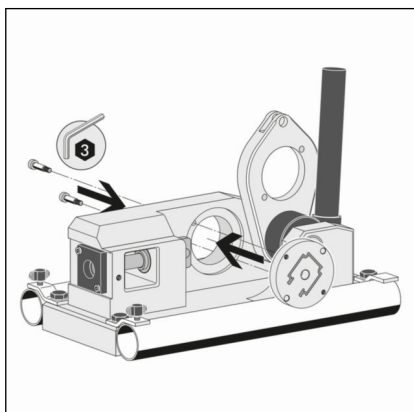
- Loosen fixing screws for the die holder with a ring spanner (SW 13) and an Allen key (5 mm).



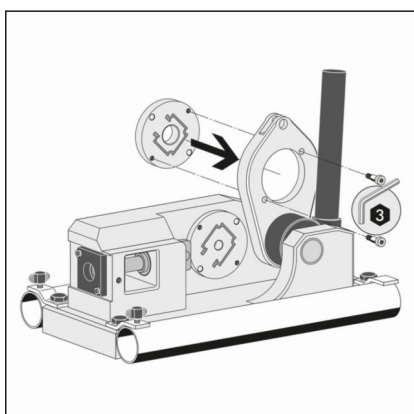
- Swing die holder upwards.  
Loosen the screws with an Allen key (3 mm).
- Remove cutting blade.



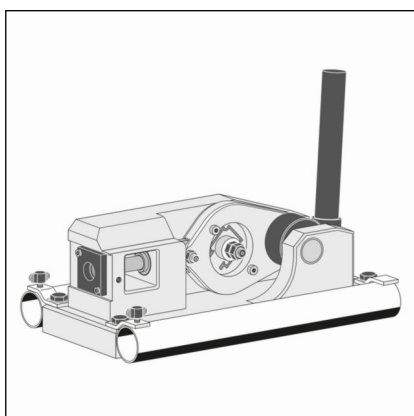
- Loosen the screws from the installation body with an Allen key (3 mm).
- Remove cutting blade.



- Insert new cutting blade onto unit and re-tighten screws.

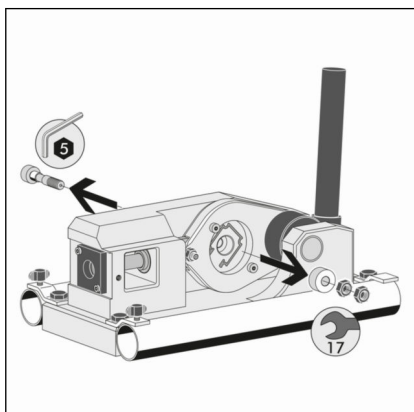


- Insert new cutting blade onto die holder and re-tighten with the screws.

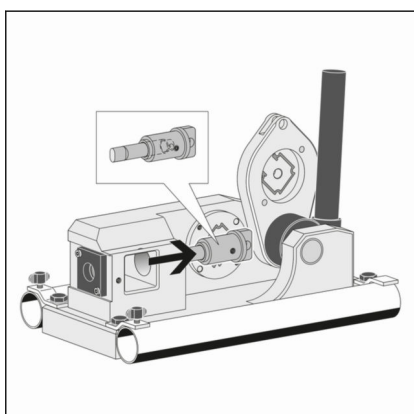


- Return die holder to the original position and re-tighten screws.

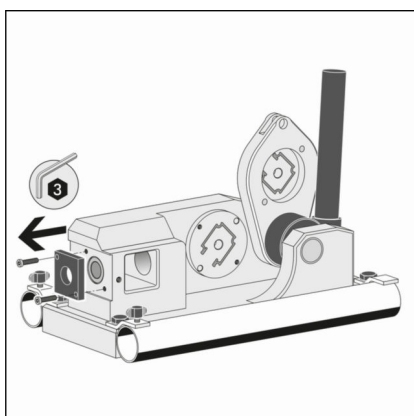
### Exchanging punching die



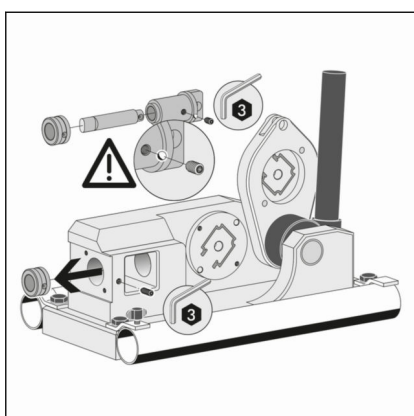
- Loosen and remove nuts and fixing screws with a ring spanner (SW 17) and an Allen key (5 mm).



- Swing the die holder upwards.
- Remove the connection for the punching die from the bracket and push to the back.



- Loosen and remove the screws and distance plate with an Allen key (3 mm).



- Loosen the screw next to the rail guide with an Allen key (3 mm) and remove the punching die guide.
- Loosen the screws on the connection for the punching die with an Allen key (3 mm).
- Remove the punching die and insert new one.
- Re-tighten screws.

- ▶ Insert the connection with the new punching die.
- ▶ Return the die holder to the original position and re-tighten the screws.

### **3.3 Disposal**

Separate the product and packaging materials (e. g. paper, metal, plastic or non-ferrous metals) and dispose of in accordance with valid national legal requirements.