

Fitting guide.
Slim Tube HE for BTE-products.

Slim Tube HE complete guide for BTE-products.

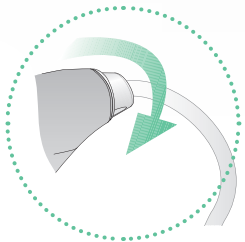


Table of contents.

Slim Tube HE fitting	3
Components of a slim tube HE hearing instrument	4
Slim tube HE sizes	4
Measuring for an accurate slim tube HE length	5 – 6
Choosing the correct domes	7
Attaching and removing domes	7
Attaching and removing the slim tube HE	8
Modifying the slim tube HE to improve fit	8
Positioning the hearing instrument on the ear	9
Cleaning the slim tube HE and dome	9

Fitting guide.

Slim Tube HE for BTE-products.

Slim Tube HE fitting.

Thank you for choosing the slim tube HE option, designed to provide comfortable, non-occluding fittings with added high frequency emphasis.

Whether you are an experienced fitter of slim tube systems or new to this type of fitting, this guide will explain step-by-step how to assemble the parts of the system and fit the hearing instrument on your patient. The guide will introduce you to the parts of the system, how to measure for the right tube length, choose the correct dome size, and how to attach the slim tube HE to the hearing instrument so you are ready to program in fitting software.

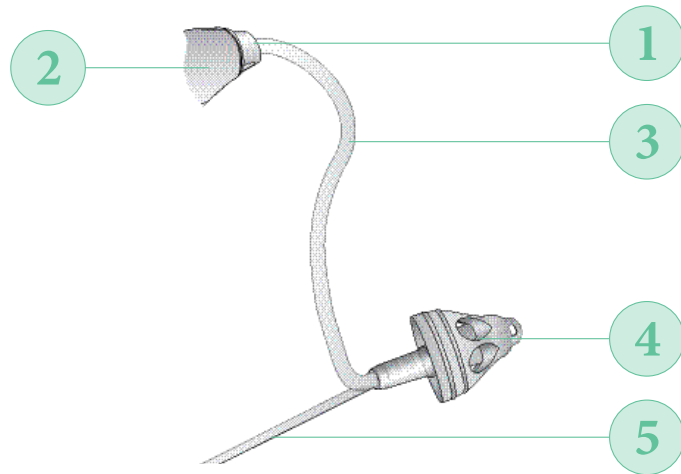


Warning to hearing healthcare professional: Domes should never be fitted on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend to use a customized ear mold. In the unlikely case that any parts remain in the ear canal after the removal of the hearing instrument, contact a physician immediately.

Fitting guide.
Slim Tube HE for BTE-products.

Components of a slim tube HE hearing instrument.

Use the diagram below to identify some of the components of a slim tube HE hearing instrument:



Legend

- ① Thread attachment
- ② Hearing instrument
- ③ Slim Tube HE
- ④ Dome
- ⑤ Retention piece

Slim tube HE sizes.

Slim tube HE is available in four different lengths to meet the needs of your patients. The red or blue numeric code on the slim tube identifies the ear to which it belongs (blue = left ear; red = right ear) as well as the tube length. Refer to the following chart to identify the various slim tubes that are available:

Tube Length	Code on Tube
Short	0
Medium	1
Long	2
Longest	3

Fitting guide.

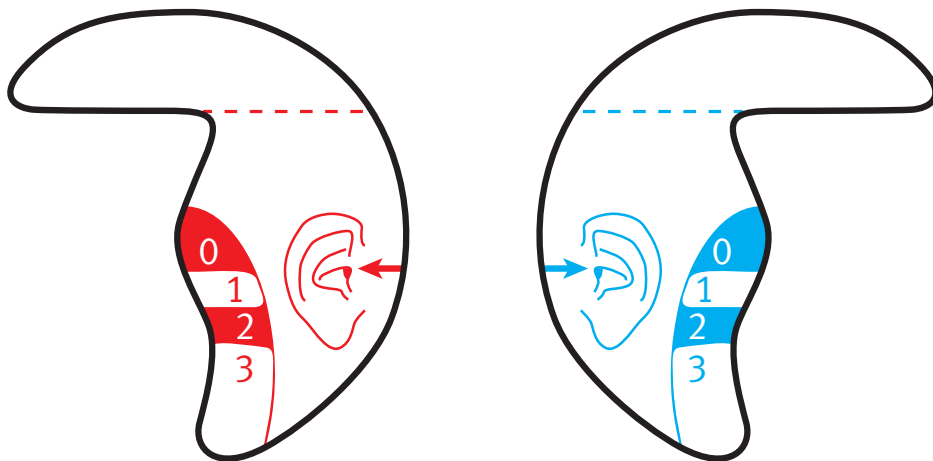
Slim Tube HE for BTE-products.

Measuring for an accurate slim tube HE length.

Choosing the correct slim tube HE length will ensure a more accurate, comfortable fit. The measurement tool included in the kit allows for a quick and simple measurement and has the following features:

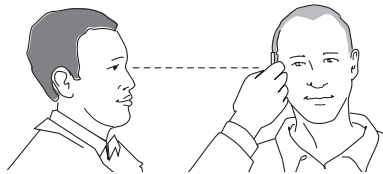
Color Code Markings – blue (left ear) and red (right ear) color code markings to indicate which of the patient's ears to measure. Horizontal Line Markings – measurements must be made horizontally with the measurement tool touching the skin in the gap between the head and the top of the pinna.

Four Horizontal Sightlines – (0-1-2-3) – to indicate which tube length you should use for an accurate fitting.

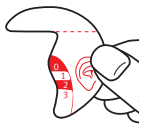


To measure for an accurate slim tube HE length.

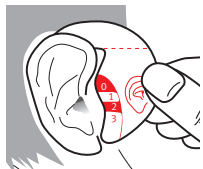
- 1 Place your head at the same horizontal level as the patient's head so you are looking straight into the patient's ear that you wish to fit with the hearing instrument.



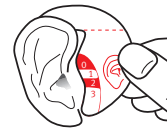
- 2 Hold the measurement tool with the appropriate blue or red color code marking (for the left or right ear) with your thumb placed on the ear diagram.



- 3 Place the measurement tool on the top of the ear and in contact with the skin in the narrow gap between the head and the pinna. Keep the horizontal line on the measurement tool horizontal and level.



- 4 Choose the sightline (0-1-2-3) on the measurement tool that is most parallel with the top of the opening of the ear canal. In this example, the sightline marked 1 would be the most accurate choice.

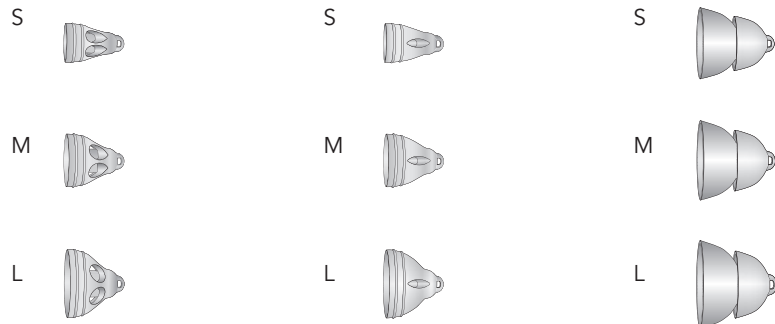


- 5 Make a note of the sightline chosen and then repeat steps 1-4 on the opposite ear for a binaural fitting. Note: It is important to measure the opposite ear for a binaural fitting since right and left ear sizes can vary and thus, require different slim tube HE lengths.

Fitting guide.
Slim Tube HE for BTE-products.

Choosing the correct domes.

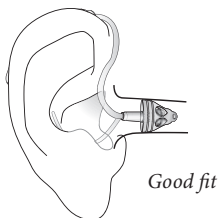
Do an otoscopic examination of the patient's ear canal. Based on the examination, choose an appropriate dome to fit the ear canal.



Open Dome.

Choose for:

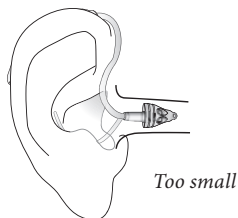
- Instant fit
- Open fit



Closed Dome.

Choose for:

- Instant fit
- Semi-occluded fit



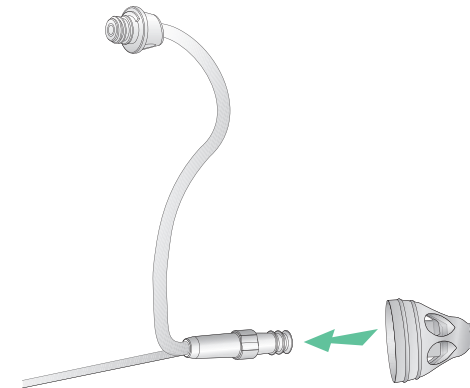
Power Dome.

Choose for:

- Instant fit
- Occluded fit

Attaching and removing domes.

To attach the dome, push the dome onto the slim tube HE until it touches the plastic ring.

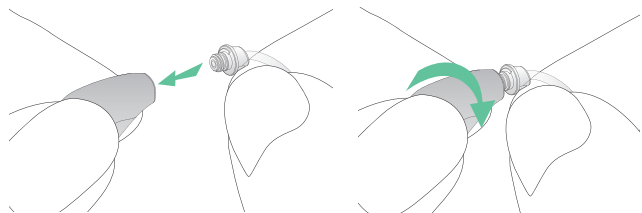


To remove the dome, grasp the dome between the thumb and forefinger and pull it off the slim tube HE.

Attaching and removing the slim tube HE.


To attach the slim tube HE.

- 1 Unscrew the earhook from the hearing instrument.
- 2 Hold the slim tube with the dome attached in one hand and the hearing instrument in the other hand.
- 3 Gently turn the hearing instrument onto the slim tube until it is snug.



To remove the Slim Tube HE.

- 1 Unscrew the slim tube HE from the hearing instrument gently..

 Note: To prevent damage to the slim tube, it is recommended that you turn the hearing instrument onto the slim tube and not vice-versa.

Modifying the slim tube HE to improve fit.

In some cases, you might find that the slim tube HE does not lie close to the side of the head or follow the shape of the ear. First, ensure the selected dome and slim tube HE sizes are appropriate (see previous pages).

If a different slim tube HE does not fit better, you may need to modify the curvature (bend) slightly using the steps outlined below.

- 1 Remove the slim tube HE from the hearing instrument.
- 2 Heat the tube carefully with a hairdryer at a low setting for a few seconds.
- 3 Do not use excessive heat to avoid damage to the tube.
- 4 Bend the tubing into the desired shape and hold until it has cooled off. Once completely cooled, the tube will maintain its new shape.

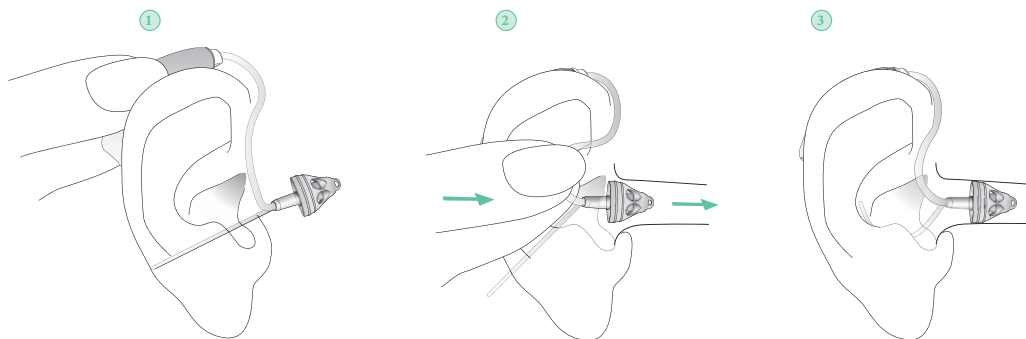
Fitting guide.


Slim Tube HE for BTE-products.

Positioning the hearing instrument on the ear.

Once you have attached the slim tube HE with dome to the hearing instrument, you are ready to place the hearing instrument on the patient's ear.

- 1 Place the hearing instrument over the top of the ear.
- 2 Hold the slim tube HE where it attaches to the dome and gently push the dome into the patient's ear canal. The dome should be placed far enough into the ear so that the slim tube HE lies flush against the head. When looking at your patient face-to-face, you should not see the slim tube HE sticking out.
- 3 Place the retention piece of the slim tube HE into the concha bowl.

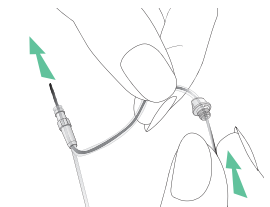



 Note: If the retention piece is too long, you may cut the length slightly. Be careful not to shorten the length too much, as it could affect retention in the ear.

Cleaning the slim tube HE and dome.

The slim tube HE and dome need to be changed every three months or when they become stiff or brittle. As part of the fitting, you will need to counsel the patient on how to clean the dome and the inside of the slim tube HE. Patients should wipe the dome daily with a damp cloth. They should also clean the slim tube HE periodically, with the cleaning pin provided, when they begin to notice debris in and around the tube.

To clean the slim tube HE and dome:

- 1 Follow the instructions for removing the slim tube HE from the hearing instrument. See the section »Attaching and removing the slim tube HE.«
- 2 Use a damp cloth to clean the outside of the slim tube HE and the dome.
- 3 Remove the dome from the slim tube HE.
- 4 Using the cleaning pin provided in the kit, gently insert the cleaning pin where the slim tube HE attaches to the hearing instrument and push the pin all the way through the tube.

- 5 Attach the dome to the slim tube HE and attach the slim tube HE to the hearing instrument.

 Note: The slim tube HE and dome should never be rinsed or submerged in water as water drops may become lodged in the tube, block sound or damage the electrical components of the hearing instrument.



🏠 Hansaton Akustik GmbH • Sachsenkamp 5 • 20097 Hamburg
Telefon: + 49 40 29 80 11 0 • Fax: + 49 40 29 80 11 860
Email: info@hansaton.de • Internet: www.hansaton.com

