

Fitting Guide

IN-THE-EAR HEARING AIDS

For Juna, Acriva, Saphira,
Carista, and Nevara

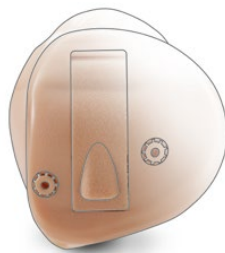


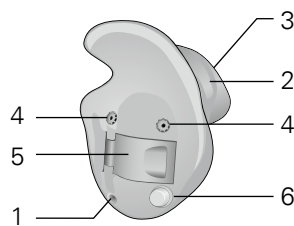
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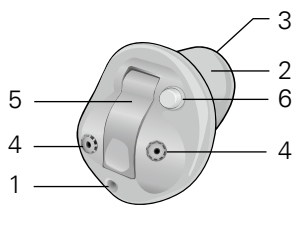
Hearing Systems Overview

In-the-ear (ITE) hearing instruments are available in different styles depending on the patient's degree of hearing loss, anatomy of the ear, and individual style preferences. This guide is designed to help you fit and manage in-the-ear hearing systems.

ITEPD/ITED



ITCPD/ITCD

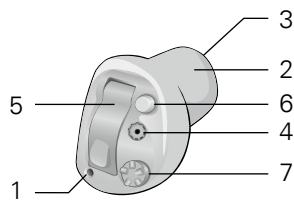


- 1 Vent
- 2 Canal
- 3 Sound outlet with wax protection
- 4 Microphone opening with O-cap filter

- 5 Battery door
- 6 Push button (optional)*

* Push button can be programmed for volume control use

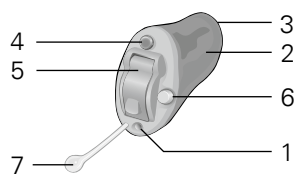
ITC



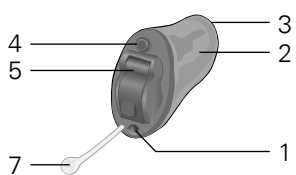
- 1 Vent
- 2 Canal
- 3 Sound outlet with wax protection
- 4 Microphone opening with O-cap filter

- 5 Battery door
- 6 Push button (optional)
- 7 Volume control (optional)

CICP/CIC/CICx



IIC



- 1 Vent
- 2 Canal
- 3 Sound outlet with wax protection
- 4 Microphone opening with T-cap filter

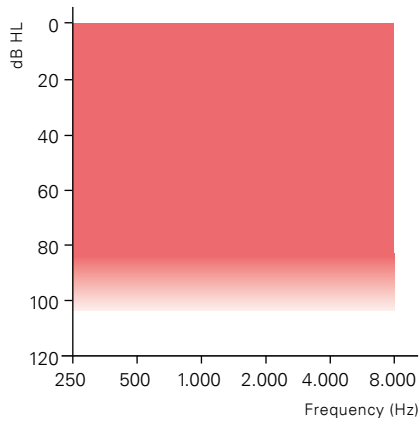
- 5 Battery door
- 6 Push button (optional)*
- 7 Pull-out string

* For Juna/Saphira/Nevara CICP and CICx the push button can be programmed for volume control use

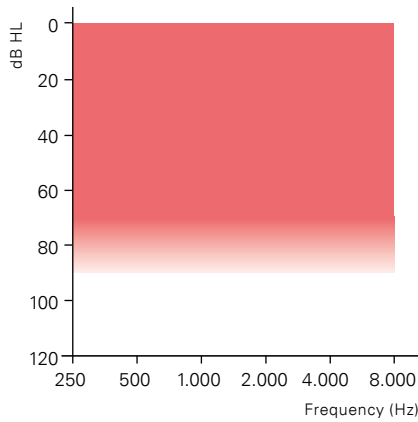
Fitting Ranges

In-the-ear hearing instruments offer a variety of different styles which are appropriate for mild to severe hearing losses. Expected fitting ranges of each ITE style are shown below.

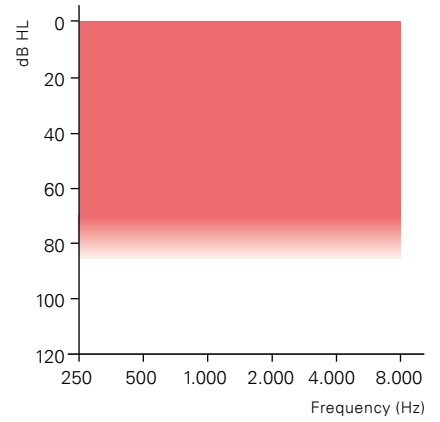
ITEPD/ITCPD



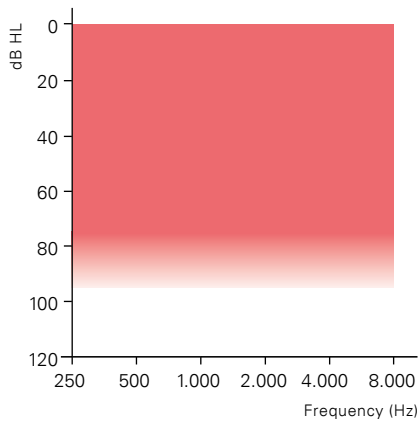
ITED



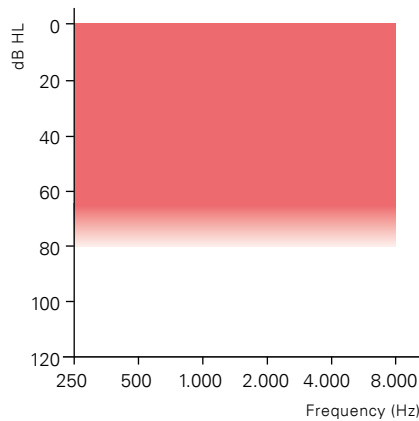
ITCD/ITC



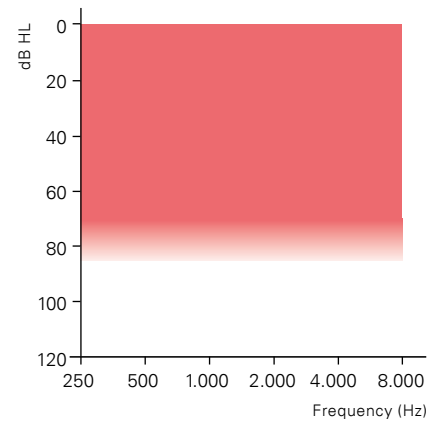
CICP



CICx/CIC



IIC

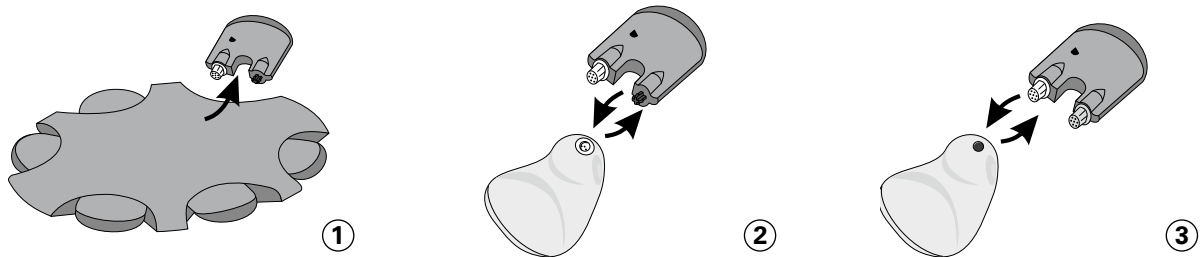


Wax Protection System

In-the-ear hearing instruments are supplied with either the ProWax, Micro Wax Buster, or Wax Buster system.

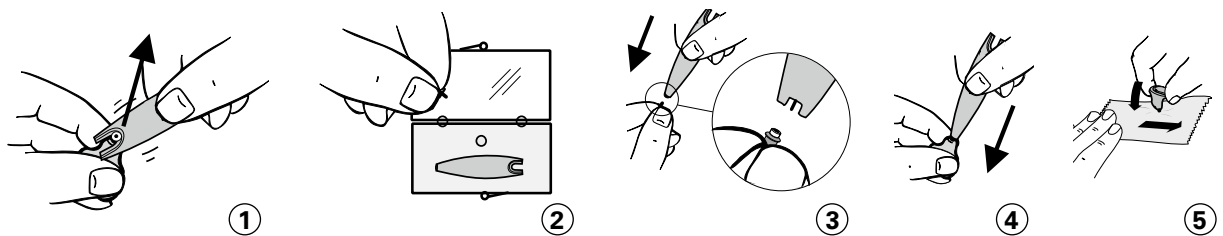
ProWax

- 1 Take a new tool from the turtle
- 2 Insert the empty end of the ProWax into the instrument's existing filter and pull it out
- 3 Insert the new ProWax filter into the instrument
- 4 Discard the used tool



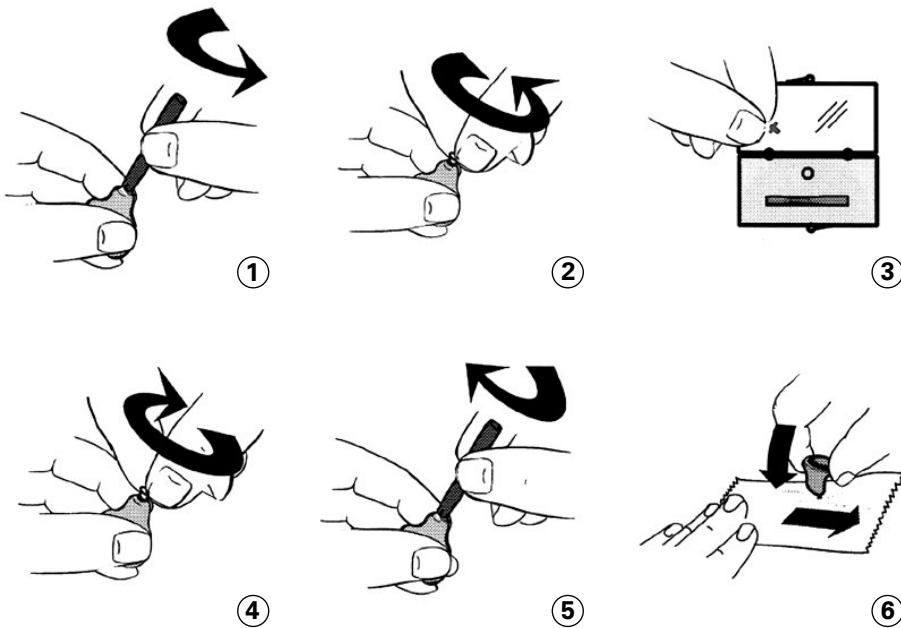
Micro Wax Buster (MWB)

- 1 Use the tool to pull out the old filter
- 2 Take a new filter from the box
- 3 Place the gray side of the filter on the small end of the tool as shown
- 4 Push the filter into the instrument
- 5 To clean, push down and move the filter back and forth on a clean cloth



Wax Buster (WB)

- 1 Insert the tool into the old filter and twist
- 2 Remove the filter from the instrument
- 3 Take a new filter from the box
- 4 Place the filter in the instrument with the gray side up
- 5 Use the tool to tighten the filter
- 6 To clean, push down and move the filter back and forth on a clean cloth



In-the-ear instruments shall be used with either the ProWax, the Micro Wax Buster or the Wax Buster system. Using other wax protection systems could damage the instrument.

Microphone Protection System

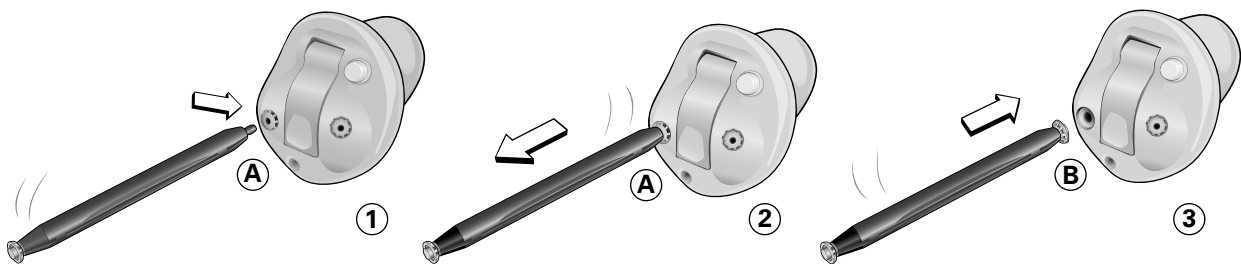
In-the-ear hearing instruments are supplied with either the T-Cap or O-Cap for microphone protection.

O-Cap Filter for ITEPD, ITED, ITCPD, ITCD, and ITC

The tool has two ends, one for the removal of the O-Cap (A) and one with the new O-Cap attached (B).



- 1 Use the removal end (A), insert it into the opening of the used O-Cap and pull it out slowly. Keep the stick straight.
- 2 Use the other end of the tool (B), insert the new O-Cap into the opening and gently remove the stick
- 3 Discard the tool and the used O-Cap filter

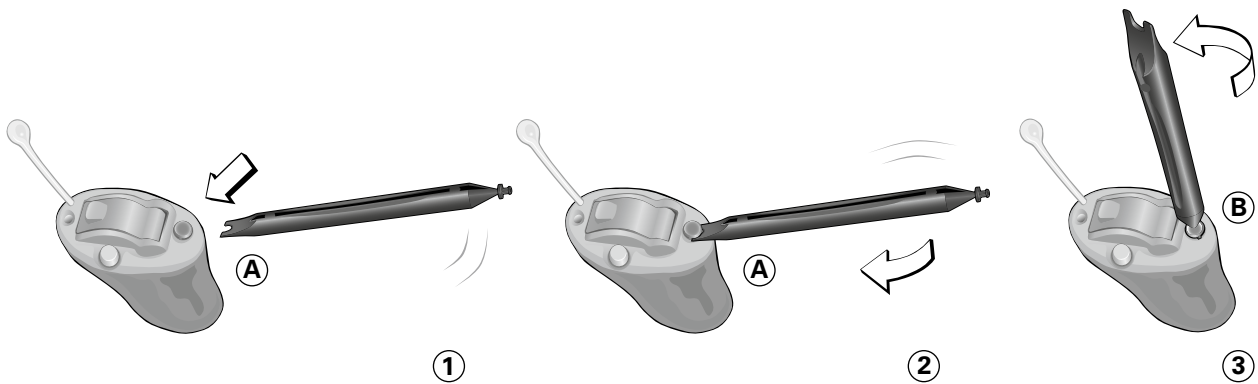


T-Cap Filter for CICP, CICx, CIC, and IIC

The tool has two ends, one for the removal of the T-Cap (A) and one with the new T-Cap attached (B).



- 1 Use the removal end (A) and push it under the top edge of the used T-Cap
- 2 Lift the used T-Cap up and out
- 3 Use the other end of the tool (B), insert the new T-Cap into the opening and slightly twist the handle so that the new T-Cap is free
- 4 Discard the tool and the used T-Cap filter



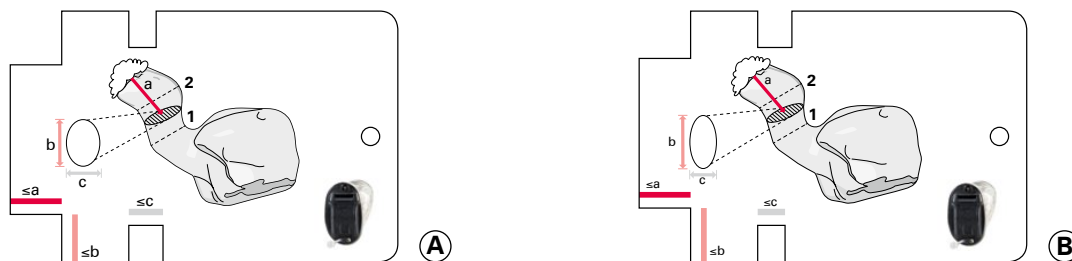
Fitting an IIC Model

The IIC hearing instrument is designed to sit deep in the canal after the first bend. Candidacy depends on the patient's ear canal anatomy. In order to determine if an IIC is possible for your patient, follow the fitting guidelines below.

Impression Evaluation

The candidacy evaluation for an IIC hearing instrument requires a quality ear impression that extends beyond the second bend of the ear canal. The size and fit of the IIC is determined by the ear impression. Use the ear impression tool to determine if the size and shape of the ear canal are appropriate for an IIC.

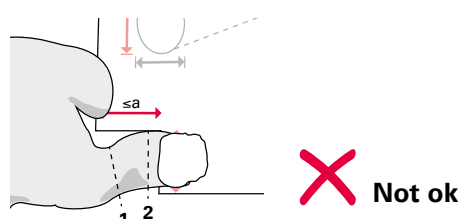
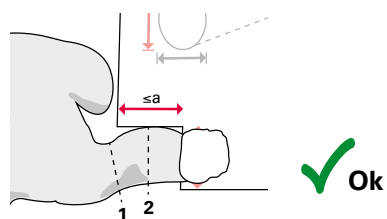
The IIC hearing instrument can be built with the microphone on the side (A) or on the top (B) of the faceplate. The ear impression tool can be used to determine which configuration is most suitable for the given ear impression.



Using the Ear Impression Tool

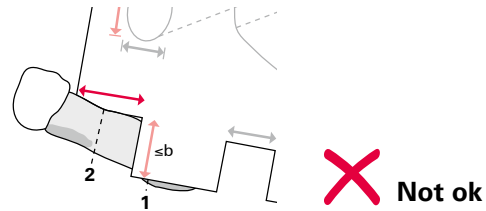
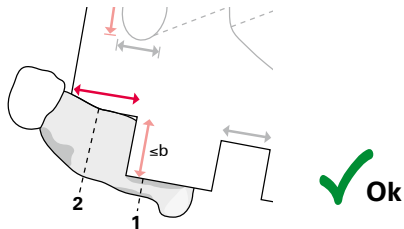
1 Canal Length

The length of the canal determines if there is enough room between the tip of the instrument and the faceplate. To determine if the canal length is sufficient, use the **red line** and measure from the tip of the ear impression to the first bend (a). In order to make the IIC invisible, the edge of the tool should not reach the first bend.



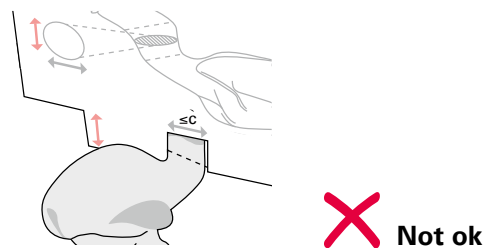
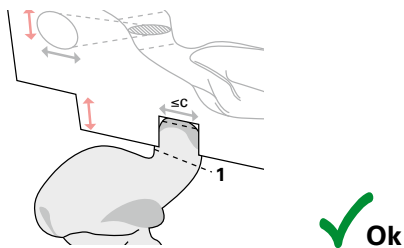
2 Canal Height

The height of the canal determines if there is enough space for the IIC to pass through the canal to the final ear canal placement. The height of the ear impression measured at a point between the first and second bend (b) must be larger than the **pink line** on the ear impression tool (see Illustration).



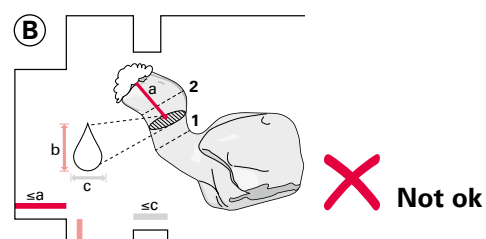
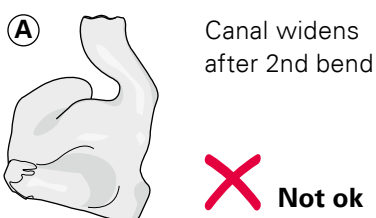
3 Canal Width

The width of the canal determines if the faceplate will fit past the first bend. The width of the ear impression measured at a point between the first and second bend (c) must be greater than the **gray line** on the ear impression tool. The canal should be wider than the notch and not fit within the notch.



4 Canal Shape

It is important to visually inspect the ear impression for proper canal shape. An ear canal that widens at the end is not suitable for an IIC **(A)**. A narrowing at the base of the ear canal is not suitable for an IIC **(B)**.



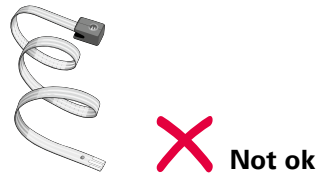
Fitting an ITE with Oasis

All in-the-ear hearing instruments are programmed with Oasis 18.0 or higher software, New Standard (no. 2) programming cables, and the FlexConnect **Mini**.

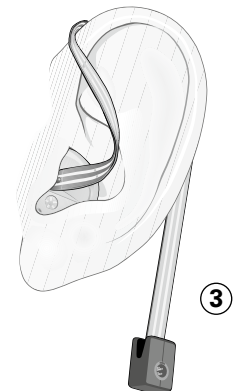
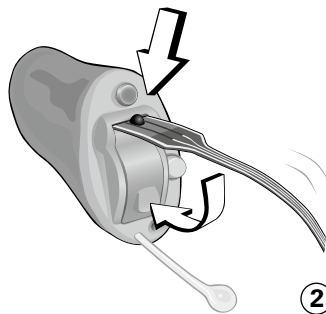
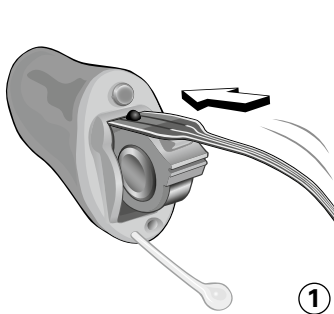
Use FlexConnect Mini



Do not use FlexConnect



- 1 Insert a fresh battery, and open the battery door slightly. With the black dot facing up, insert the end of the FlexConnect Mini into the space between the battery door and the hinge until the black dot touches the faceplate. Close the battery door.
- 2 Plug the end of the cable into the FlexConnect Mini programming socket
- 3 Place the instrument in the patient's ear and drape the strip over and behind the ear



Ordering Information

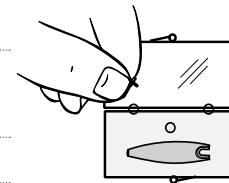
Wax Filters

PART NUMBER	DESIGNATION	COMMENTS
123459	ProWax Filter for receiver	Turtle with 6 filters Hydrophobic coating
123467	T-CAP Microphone Filter, BL	Dispenser with 8 filters Hydrophobic coating (for IIC)
123468	T-CAP Microphone Filter, DB	
123469	T-CAP Microphone Filter, MB	Dispenser with 8 filters Hydrophobic coating
123476	T-CAP Microphone Filter, LB	(for CIC, CICx, CICP)
123477	T-CAP Microphone Filter, BE	
128009	O-CAP Microphone Filter, BE	
128010	O-CAP Microphone Filter, LB	Dispenser with 8 filters (for ITEPD, ITED, ITCPD,
128011	O-CAP Microphone Filter, MB	ITCD, ITC)
128012	O-CAP Microphone Filter, DB	



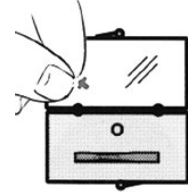
Wax Buster

PART NUMBER	DESIGNATION	COMMENTS
589-09-140-06	Wax Buster set, right	Incl. 1 Wax Buster, removing tool, IFU
589-09-141-07	Wax Buster set, left	Incl. 1 Wax Buster, removing tool, IFU
589-09-150-09	Wax Buster set, right	10 pieces
589-09-151-00	Wax Buster set, left	10 pieces



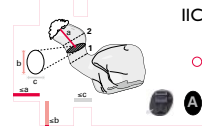
Micro Wax Buster

PART NUMBER	DESIGNATION	COMMENTS
589-09-160-01	Micro Wax Buster set, white	Incl. 1 Micro Wax Buster removing tool, IFU
589-09-170-03	Micro Wax Buster set, white	10 pieces
825-01-089-08	Micro Wax Buster tool	
890-03-065-00	Micro Wax Buster cleaning pad	



Tools

PART NUMBER	DESIGNATION	COMMENTS
130949	IIC ear impression evaluation tool	
122513	Battery drawer removal tool	
121563	Small vent cleaning tool	For IIC



Adapter

PART NUMBER	DESIGNATION	COMMENTS
117468	FlexConnect Mini	For use with Oasis 18.0 or higher software



Since 1946, we have been passionate about developing quality hearing systems that enable people with hearing difficulties to enjoy authentic listening experiences. With Swiss Engineering, precision technology, and our commitment to individual service, we strive to exceed our customer's expectations. Our aim is to provide extra value to our partners every day. Bernafon representatives and employees in over 70 countries fulfill our vision to help people with impaired hearing communicate again without limitation.

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