

Earmold Guide

RIE earmold styles and options

STYLES

Encased Micromold	
	Small canal mold with receiver fully enclosed
	Recommended for open fit and mild to severely profound hearing losses
	Best for cosmetics and durability
	Hard material only, not available in Rose or EarLusion Light
	Available with LP, MP, HP, and UP receivers. Not available for M&RIE receivers. Receivers are not field replaceable. Optional to add any lock type.

Hollow Cavity	
	A completely hollowed out Micromold
	Recommended for open fit and mild to moderate hearing losses
	Excellent for cosmetics and non-occluding fit
	Hard or soft material
	Available with SureFit 3, M&RIE, and SureFit 2C field replaceable receivers. Optional to add Canal Lock or Skeleton Lock only.

Micromold	
	A mold designed to be completely in the canal
	Recommended for open fit and mild to moderately severe hearing losses
	Excellent for cosmetics
	Hard or soft material
	Available with LP, MP, HP and M&RIE field replaceable receivers

Half Shell	
	A mold filling the bottom half of the concha bowl
	Recommended for moderate to severe hearing losses
	Good for retention and dexterity
	Hard or soft material
	Available with LP, MP, HP, and M&RIE field replaceable receivers

Semi-Skeleton	
	A canal mold with a canal lock and a helix lock
	Recommended for open fit and mild to moderately severe hearing losses
	Excellent for retention
	Hard or soft material
	Available with LP, MP, HP, and M&RIE field replaceable receivers

Skeleton	
	Rim of material including the anti-tragus, concha bowl, and helix areas
	Recommended for moderate to severe hearing losses
	Excellent for retention and dexterity
	Hard or soft material
	Available with LP, MP, HP, and M&RIE field replaceable receivers

Full Shell	
	Complete filling of the anti-tragus, concha bowl, and helix areas
	Recommended for flat moderate to profound hearing losses
	Best for retention and dexterity
	Hard or soft material
	Available with LP, MP, HP, and M&RIE field replaceable receivers

MATERIAL, COLOR AND OTHER OPTIONS

	Hard (acrylic)	Soft (silicone)
Available shell colors	 Clear, Light, Beige, Medium, Dark, Espresso, Rose[1], EarLusion Light[1], Blue/Red	 Clear, Beige, Medium, Dark, Blue/Red
Available faceplate colors (encased earmold only)	 Clear, Light, Beige, Medium, Dark, Espresso, Anthracite	[1]Not available in encased earmold [2]Applicable for encased molds [3]Applicable for hollow cavity molds [4]Applicable for micromolds

Vent modification



Semi-IROS (step at canal tip)

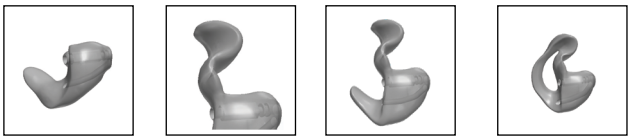


IROS (step at tip & base)

Semi-IROS: Recommended for occlusion or tightness at the canal tip

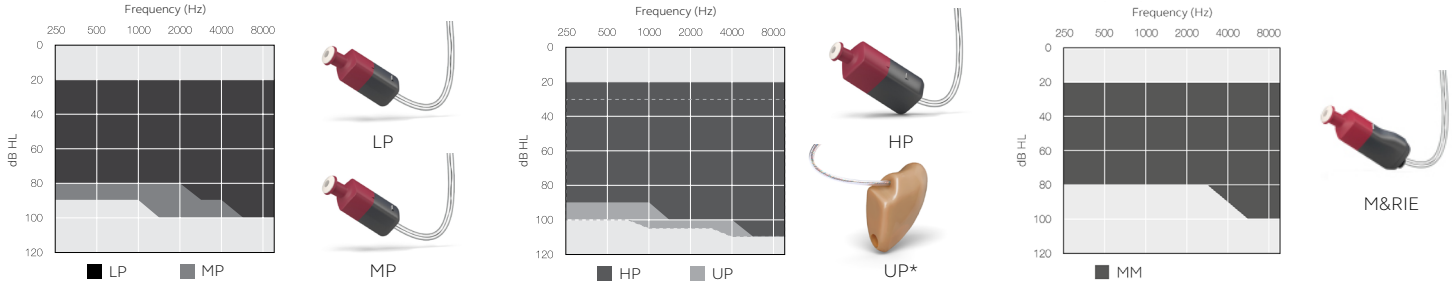
IROS: Best option for occlusion

Retention



Canal lock[2,3,4] | Helix lock[2] | Semi-skeleton lock[2] | Skeleton lock[2,3]

SUREFIT 3 STANDARD AND M&RIE RECEIVERS



BTE earmold styles and options

STANDARD AND THIN TUBE STYLES

Canal	
	A mold designed to be completely in the canal
	Recommended for open fit and mild to moderately severe hearing losses
	Excellent for cosmetics
	Hard or soft material
	Available with standard or thin tubes

Canal Lock	
	Canal mold with a lock that rests on the anti-tragus
	Recommended for open fit and mild to moderately severe hearing losses
	Good for cosmetics and retention
	Hard or soft material
	Available with standard or thin tubes

Semi-Skeleton	
	A canal mold with a canal lock and a helix lock
	Recommended for open fit and mild to moderately severe hearing losses
	Excellent for retention
	Hard or soft material
	Available with standard or thin tubes

Half Shell	
	A mold filling the bottom half of the concha bowl
	Recommended for moderate to severe hearing losses
	Good for retention and dexterity
	Hard or soft material
	Available with standard or thin tubes

Open Skeleton	
	A rim of material including the anti-tragus, concha bowl, and helix areas with a non-occluding canal
	Recommended for open fit to mild hearing losses
	Excellent for retention and dexterity
	Hard or soft material
	Available with standard or thin tubes

Skeleton	
	A rim of material including the anti-tragus, concha bowl, and helix areas
	Recommended for moderate to severe hearing losses
	Excellent for retention and dexterity
	Hard or soft material
	Available with standard or thin tubes

Full Shell	
	Complete filling of the anti-tragus, concha bowl, and helix areas
	Recommended for flat moderate to profound hearing losses
	Best for retention and dexterity
	Hard or soft material
	Available with standard or thin tubes

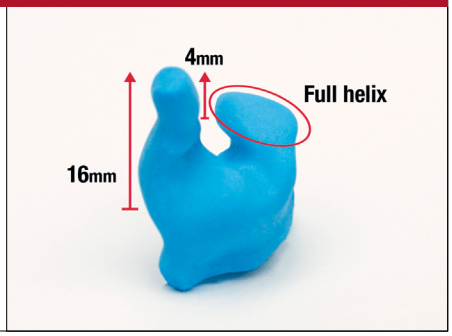
BTE MATERIAL AND COLOR OPTIONS

	Hard (acrylic)	Soft (silicone)
Available shell colors		
Tube type	13 Standard, 13 Standard-dry, 13 Heavy wall, Thin-Tube	
Tube retention	Glue, Through (no glue), Elbow (n/a for Thin Tube), Tube lock-metal (soft only, n/a for Thin Tube), Tube lock-plastic (soft only, n/a for Thin Tube)	
Vent modification	Semi-IROS (step at canal tip)  IROS (step at tip & base)  **Semi-IROS:** Recommended for occlusion or tightness at the canal tip **IROS:** Best option for occlusion	



Ear impression: The 16/4 rule

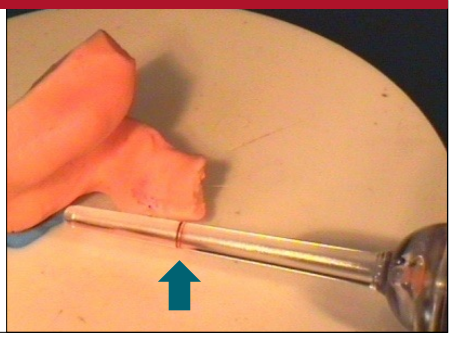
- 16mm beyond the aperture of the canal
- 4mm beyond 2nd bend
- A medium viscosity impression material is recommended for most applications
- For patients experiencing TMJ, or when the need for an open jaw impression arises, a higher viscosity impression material is recommended



Measuring canal length

Using the marked ear light up tool:

1. Turn on ear light
2. Place next to canal, with tip right at aperture
3. Assess whether the canal on the impression reaches the mark



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