

Fixation of Membranes on a 3-Dimensional Reconstruction of Alveolar Bone Defects

# Bone Tack & Tools

- Reduced the risk of screw fracture or deformation
- Ensures stable membrane fixation
- Includes a dedicated ejection tool

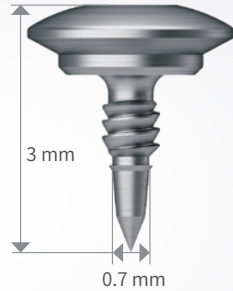
**HIOSSEN**  
IMPLANT

## Tools for Bone Tack Application

### Bone Tack

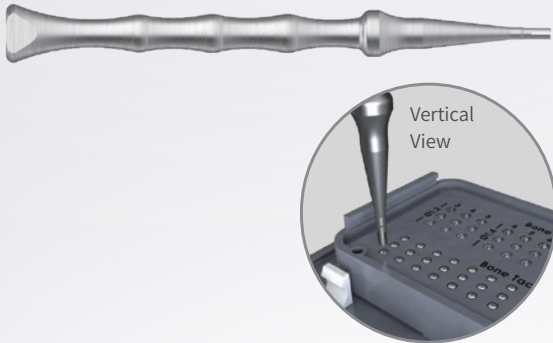
- Screw for membrane fixation
- Requires simple malleting without drilling
- Available in a single size of 3 mm

- ※ Single use only (Disposable)
- ※ Sold separately (not included in the kit)



### Bone Tack Holder

- Tool for securing and stabilizing the bone tack
- Align vertically with the bone tack and verify the connection before use



### Bone Tack Ejector

- Tool to remove the bone tack
- Lever design allows for effortless ejection



### 0.9 Hex Hand Driver

- If the bone tack cannot be accessed with the ejector, rotate the bone tack counterclockwise using a hand driver to create space for the ejector to fit between the bone tack and the membrane

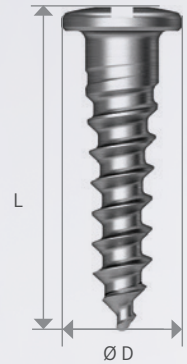


## Tools for Bone Screw Application

### Bone Screw

- Screw for fixing OssBuilder and Bone Block
- Features a sharp apex for self-tapping capability in Ø1.4
- Available in two sizes:
  - Ø1.4 (L: 4, 6, and 8 mm)
  - Ø2.0 (L: 8,10,12,14 and 16 mm)

- ※ Single use only (Disposable)
- ※ Sold separately (not included in the kit)



### Bone Screw Driver Tip + Universal Handle

- The driver tip attaches to the universal handle for use
- The bone screw must be securely and vertically connected before use



### Bone Screw Ø1.3 Drill

- Used for Pre-drilling, before inserting Ø2.0 bone screw
- Recommended drilling speed 800 rpm



## Additional Component

### AutoBone Collector

- Tool for autograft collection
- Capable of collecting up to 4mm in depth
- Ø4.0 is included in the kit
- ※ Ø3.0, Ø5.0 and Ø6.0 autograft collectors are sold separately
- Recommended speed: 500 rpm



# GBR KIT

Bone Screw & Bone Tack

Open

Bone Screw

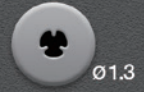
—Ø1.2— 3 4 5 —Ø1.4— 4 5 6 —Ø2.0— 8 10 12 14 16

Bone Tack

AutoBone Collector



Drill



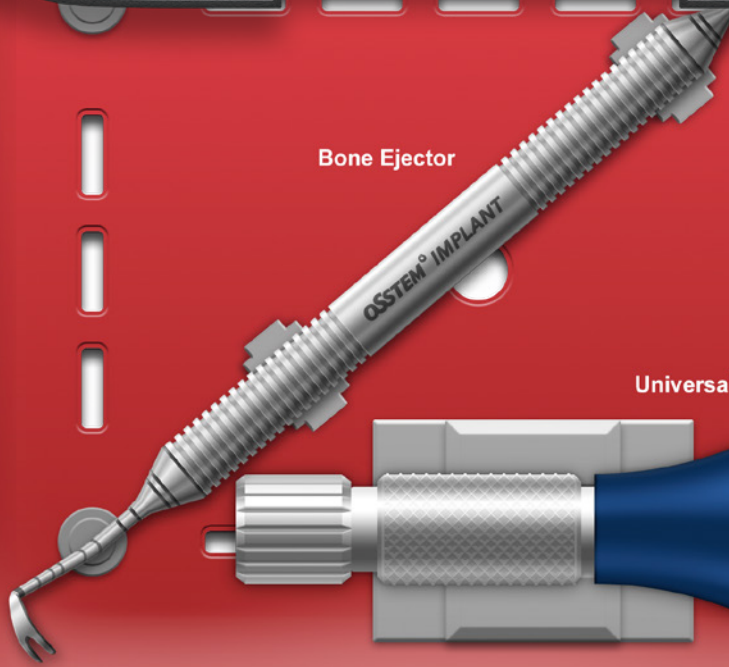
Hex Driver



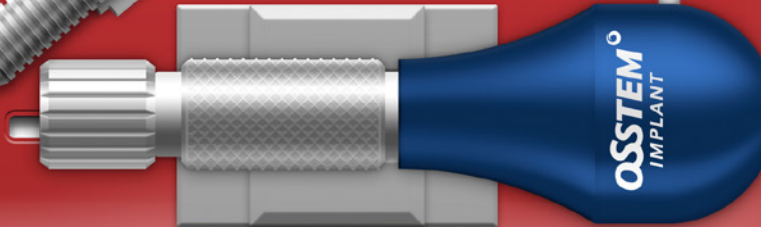
Bone Screw Driver Tip



Bone Ejector

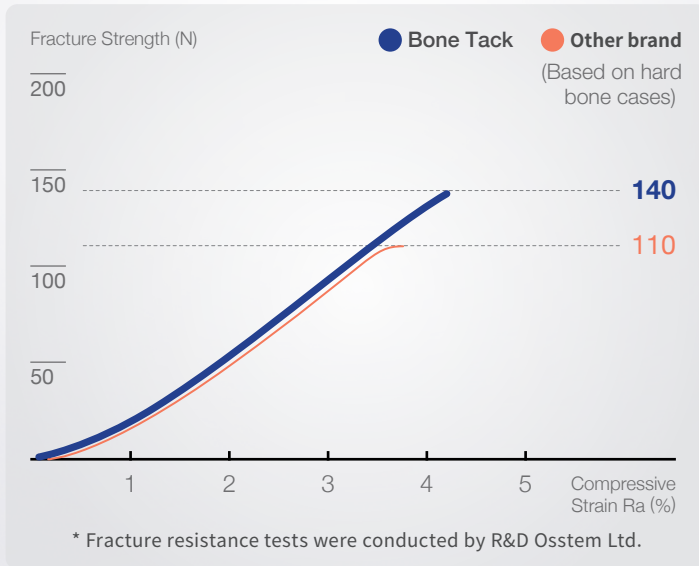


Universal Handle



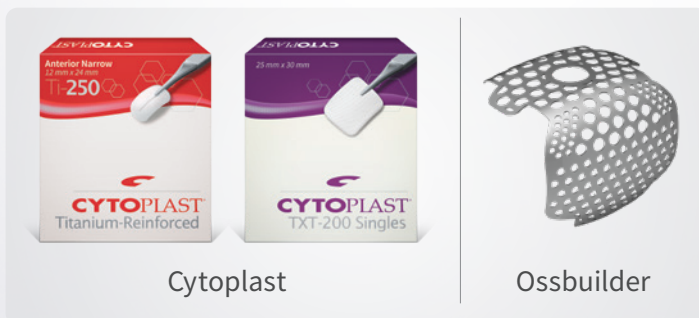
## Reduced the Risk of Screw Fracture or Deformation

- 30% stronger than other products in the market
- Tapping screws facilitates the insertion even on inclined alveolar bone



The insertion path of the bone tack remains stable even when it is inserted at an inclination of 30°

## Hiossen's Non-Absorbable Membrane Lineup

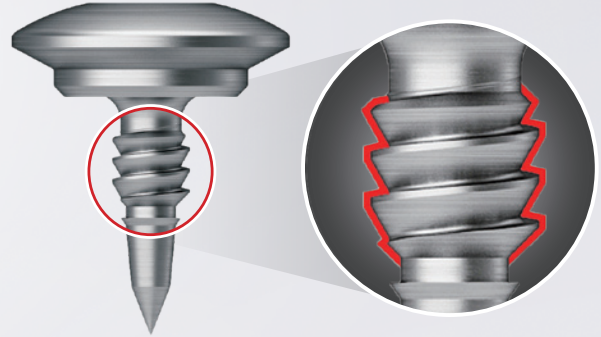


Cytoplast

Ossbuilder

## Ensures Stable Membrane Fixation

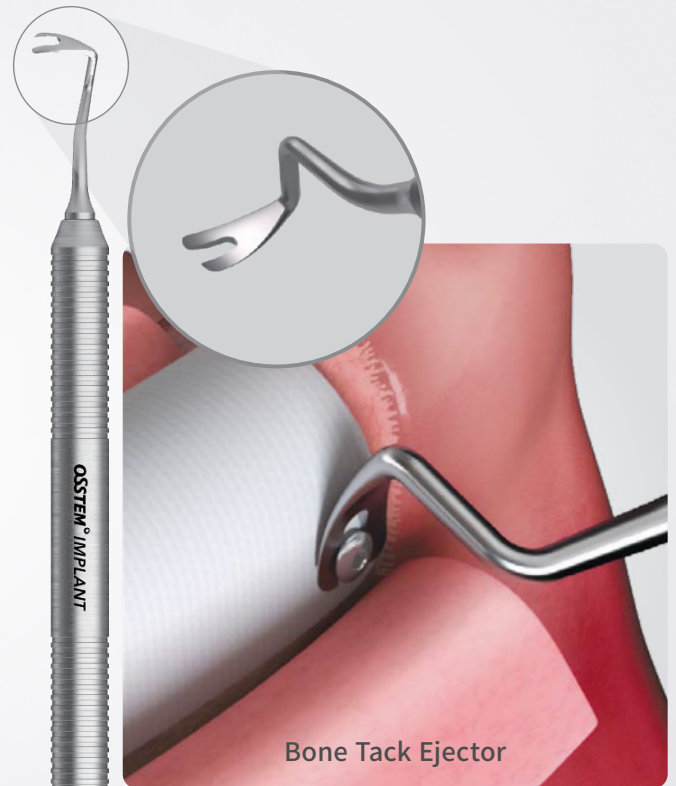
- The thread is designed to facilitate insertion and prevent dislocation of the tack
- Helps stabilize graft materials and the membrane to maximize the process of bone regeneration



Patented reverse thread design enhances smooth insertion and prevents dislocation

## Includes a Dedicated Ejection Tool

- The surgical site can be conveniently accessed using a dedicated tool for the Bone Tack



Bone Tack Ejector