

OTA951 Osteotomes

The Osteotomes are limited for use in the posterior maxilla and are intended to be used in soft bone. After initial twist drill preparation to depth, the instruments are used to manually form the site by compressing the bone laterally, resulting in a denser bone-to-implant interface rather than removing valuable bone from the surgical site.

The OSTRS-A Osteotomes incorporate a universal design, that are intended to be used with Brånemark System®, NobelReplace™ Straight, NobelReplace™ Tapered, NobelSpeedy®, NobelDirect® and NobelPerfect® implants.

Procedure

1. Mark and drill the initial pilot holes with Twist Drill 2 mm to full depth.
2. Insert tip of Osteotome 2.0 mm into pilot hole and push the instrument into the bone while rotating it, avoiding side-to-side or off-axis leverage. In more dense bone, it may be necessary to use a mallet to tap the Osteotome to the proper depth. Leave the Osteotome in place for about 10 seconds to allow the bone to relax. Remove the Osteotome by simultaneously rotating the tool and withdrawing it.
3. Using the same technique, continue with Osteotomes in the same manner when placing a 3.5 implant use instrument #1 and #2, when placing 4.3 or greater use #1,#2, and 3, placing 5.0 mm or greater use #1,2,3,4.

Note! *The Osteotome seating depths and diameters used can vary from the standard procedure based on the judgment of the surgeon. In some situations, a stepped procedure may be used where the final osteotome is not seated to the full depth. This allows the tip of the implant to engage before the self-tapping delivery is begun.*

The depth markings on the osteotomes correspond to the actual length 8, 10, 13,16 mm

OSTRS-A Osteotome Kit Angled