

III. Osseodensification Facilitates Lateral Ridge Expansion

A. Ridge Expansion Procedure

1. Flap the soft tissue using the technique indicated for the implant position.
2. Drill to the desired depth using the Pilot Drill (*Clockwise drill speed 800-1500 rpm with copious irrigation*).
3. Depending upon the implant type and diameter selected for the site, begin with the narrowest Densah™ Bur. **Change the drill motor to reverse–Densifying mode** (*Counterclockwise drill speed 800-1500 rpm with copious irrigation*). Begin running the bur into the osteotomy. When feeling the haptic feedback of the bur pushing up out of the osteotomy, **repeatedly relax and reapply pressure with a pumping motion** until reaching the desired depth.
4. As the bur diameter increases, the bone will slowly expand to the final diameter.
5. Place the implant into the osteotomy. If using the drill motor to tap the implant into place, the unit may stop when reaching the placement torque maximum. Finish placing the implant to depth with a torque indicating ratchet wrench.

3.5, 3.7, 3.8 mm Implant
4.0, 4.2, 4.3 mm Implant

4.5, 4.7, 4.8 mm Implant
5.0, 5.2, 5.3 mm Implant

5.5, 5.7, 5.8 mm Implant
6.0, 6.2 mm Implant

