



LEAF EXPANDER

INSTRUCTIONS FOR USE

The Leaf™ Expander works differently than traditional expanders; with this appliance, turning the screw does not provide the expansion. Rather, it compresses the nickel-titanium springs, which in turn, slowly decompress and provide expansion over several weeks. In order to ensure continuous expansion, the springs must be recompressed at each clinical appointment by turning the screw. **No daily activation is required by the patient.**

During manufacturing the nickel-titanium springs are pre-compressed, and secured in place with a metal pin or tie. Once removed, this provides the first activation of the screw. If you do not see a pin in place, please call us before cementing!

INSTRUCTIONS

- Identify your screw size.** The Leaf™ Expander comes in either 6mm or 9mm expansion options, and the screw size will dictate your recommended treatment protocol. The size will be laser etched on the body of the screw.
- Cement the screw and release the pin.** Cement the Leaf™ Expander in place according to your preferred bonding method. This step is no different from any other type of expander. Once bonded, remove and discard the metal pin. This will activate the expander for this appointment, and no turning of the screw is needed at this point.
- Activate at appointments.** For 6mm screws, 10 turns at appointments spaced four weeks apart is recommended. For 9mm screws, these increments increase to 15 turns every six weeks.



Compressed Leaf Springs: Ready to Open and Expand. This is how the screw should look when your patient leaves their appointment.



Open Leaf Springs: Ready to Activate and Recompress. This is how the springs should look when your patient arrives for their appointment.

SIZE	1 ST APPT		2 ND APPT		3 RD APPT		4 TH APPT
6 MM	Cement – 0 Turns	4 WEEKS →	10 TURNS	4 WEEKS →	10 TURNS	4 WEEKS →	10 TURNS
9 MM	Cement – 0 Turns	6 WEEKS →	15 TURNS	6 WEEKS →	15 TURNS	6 WEEKS →	15 TURNS