

Caution

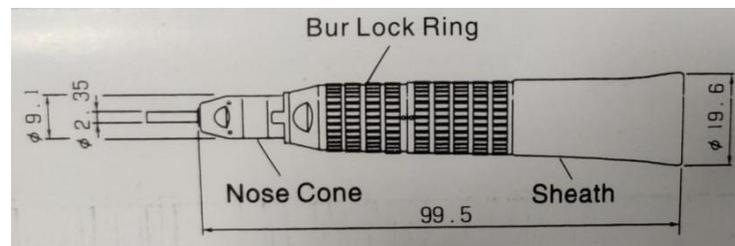
General Cautions:

- This handpiece is intended for use by dental professional only.
- NSK handpiece should not be rebuilt.

Cautions on Operation:

- Do not turn the bur lock ring while the handpiece is rotating.
- Do not turn the bur lock ring while the handpiece is at OPEN position, or a bur is not mounted in the truck. Rotating the motor with the bur lock ring open or a bur not mounted in the truck may damage the motor/handpiece connection. It may become impossible to separate the motor and handpiece.
- Make sure the bur is securely locked in the truck before each use. Improper mounting of the bur could cause the bur to spin out during rotation and endanger anyone in the vicinity.
- Do not use bent, off-centered, deformed, damaged, nor non-ISO standard burs.
- Use clean bur, Dirt on the shank may lodge in the chuck in time and could cause poor concentricity of the bur or poor chucking power.
- Always mount a bur blank or bur in the chuck.

1. Specifications



Allowable Max. Speed---40,000min⁻¹(rpm)

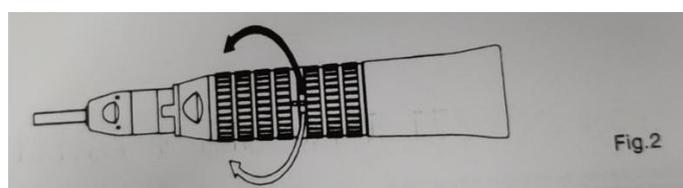
Burs---Φ 2.35Handpiece Bur

Gear Ratio---4:1

Accept Doriot Type Head

2. Mounting Burs

- (1) Turn the Bur Lock Ring all the way in the direction of black arrow to open the chuck.
Insert a bur into the chuck. (Fig.2)
- (2) Return the Bur Lock Ring to the original position until a click sound is heard. (Fig. 2)



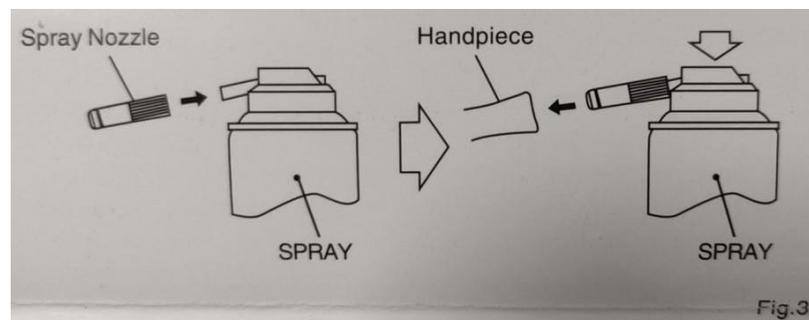
Tips for safe use and for maximum service life

- Never use bent, off-centered or damaged burs. Excessive loads generated by defected burs rotating at $40,000\text{min}^{-1}(\text{rpm})$ will quickly damage ball bearings.
- Always insert a bur all the way into chuck. This will prevent “BUR-WALK-OUT”, and/or damage to the ball bearing.
- Never operate Straight Nosecone without a bur or bur blank securely in place, or Bur Lock Ring at different position.

3. Lubrication

Supply SPRAY after each use and/or before autoclaving.

- ① Push spray nozzle attachment over the SPRAY nozzle until it firmly seats.
- ② Shake the can 3-4 times to well mix lubricant and propellant.
- ③ Insert the spray nozzle in the rear of the handpiece and spray for approximately 2-3 seconds until the oil comes out of the handpiece head or nose.



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- Be sure to hold the handpiece firmly to prevent the handpiece from slipping out by the spray pressure when lubricating.
- Supply lubricant until it comes out to the handpiece nose (for approximately 2 seconds).
- Keep the SPRAY can upright.

4. Cleaning and Sterilization

(1) Cleaning:

Wipe clean the handpiece sheath with alcohol-dipped soft tissue or cotton. Never clean the handpiece in boiling water or in chemicals, with wire brushes, or in ultrasonic cleaners.

(2) Sterilization:

Steam autoclave is recommended.

Autoclave sterilization required after each patient as noted below.

- ① Clean the handpiece sheath as described above.
- ② Lubricate the handpiece with SPRAY.
(Ref. 3. Lubrication)
- ③ Place handpiece into autoclaving pouch and seal it in accordance with instructions on the pouch.
- ④ Autoclavable up to a max. 135°C (275°F).
Ex.) Autoclave for 20 min. at 121°C (250°F), or 15 min, at 132°C (270°F)

*Specifications may be changed without notice.

5. Warranty

LANCO warrants the handpiece against poor manufacturing, poor workmanship and defects in materials. LANCO reserves the right to analyze and determine the cause of any problem.

Warranty is voided should the handpiece be not used correctly.