



20200714 (version 2/1)

V BLUE

Torque: 2.0–3.0N/cm Speed: 250–360rpm

Before using the Perfect V BLUE, please see the IFU as below

Size	Length	Taper	Torque	Speed	Cross section
#15	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#20	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#25	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#30	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#35	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#40	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#45	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	
#50	21.25, 31mm	04/06	2.0-3.0N/cm	250-360rpm	

Warnings

- Only skilled dentists are allowed to use.
 - Be sure to sterilize this product for each use.
 - Do not use this product except for the dental service and treatment.
- Use it in accordance with the intended use.

Contraindications and prohibitions

Do not use this product for a patient who indicates sensitization and allergic reaction.

Structures and principals

- These instruments are to be used only in a clinical or hospital environment, by qualified users. Application field: shaping and cleaning of the root canal system. It is non-sterile instrument.
- Main materials
 - Working Cutting part: nickel-Titanium alloy.
 - Shank : Copper (Nickel-Chrome-24 Gold included)



Purpose of use and effect-efficacy

This is the dental instrument with columnar or tapering working part and it possesses circular form in cross cut section and flat end. It is used for filling materials mainly axially.

Specifications

Under the provisions of ISO 3630 performance test, product durability for twisting and bending must exceed specified value of our standard.

Method of PERFECT pulating or method of use

According to its intended use, choose the most appropriate PERFECT V-BLUE and use it for enlarging and debriding root canal.

Precautions for use

- Multiple use disinfection and re-sterilization cycles may lead to increased risk of file separation.
- These instruments should not be immersed in a sodium hypochlorite solution.
- Instrument decontamination: strictly follow decontamination instructions from the manufacturer.
- Irrigate abundantly and frequently.
- Establish a reproducible glide path using hand files, at least an Iso 015 size.
- Use in a constant rotation at a speed of 250-350 rpm with light apical pressure.
- Clean flutes frequently and check for signs of distortion or wear.
- For optimal usage, torque control devices are recommended.

9. In small canals (mesials/buccals of molars, small premolars and lower anteriors) start with a 30/.04 rotary file. Take 30/.04 to resistance or working length (whichever occurs first). If resistance is encountered before working length is obtained, go to next smaller instrument following the same protocol until working length is achieved. Between each rotary file recapitulate with a #10 or #15 tip hand file to maintain glide path and help irrigate (NaOCl) to the canal terminus.

In larger canals (palatal/distals of molars, larger premolars, upper anteriors) begin with a 40/.04 rotary file. Use the crown down technique to resistance or working length. If resistance is encountered before working length is achieved, move on to smaller sized instruments until working length is achieved. Between instruments, recapitulate with small hand instrument to maintain a glide path to working length.

Storages and duration of use

- Avoid storing at high temperature, humidity and direct sunlight. Keep liquids away. Store it at room temperature.
- Do not damage or make a pinhole to packaging materials.
- This product is subject to be improved without previous notice. Enforce first-in first-out method for stock management.
- Do not store the instrument under a germicidal lamp to avoid deterioration.

Maintenances and inspections

Sterilize this product by autoclave under established method and term for each use.

Method of sterilization:

Put this product in a sterilization pack (or foil) and place it on a sterilization tray for autoclave sterilization with reference to the following terms.

Terms for sterilization:

- Sterilize with steam at 134°C(273°F) / 2.1 bars / 18 min. for endodontic instrument and filling.
- Do not use high pressure steam sterilizer which heats more than 200 degrees Celsius including drying process.
- When reusing the instrument, wash away foreign substances completely and sterilize.
- Regarding use of medical cleaning agent, follow the instruction manual by its manufacturer strictly.
- Dispose the product if damaged or decreased in performance.

Packaging

- Single packaging unit: 6 pcs./package (#15/.04, #20/.04, #25/.04, #30/.04, #35/.04, #40/.04; #15/.06, #20/.06, #25/.06, #30/.06, #35/.06, #40/.06)
- Assortment: 1 pcs. from each size/package (#15/.04-#40/.04; #15/.06-#40/.06)

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Disposable

Warning, see instructions for use

Use within the date reported on the label

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