

Straight-line Access

STEP 1



JIZAI ORIFICE OPENER (025 14)

Clockwise 500min⁻¹ or less 3.0N·cm or less

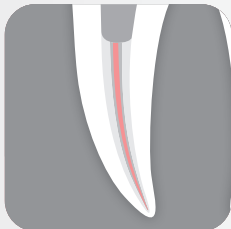


Tips

- Enlarge coronal 1/3 of the root canal.
- With sufficiently enlarged canal opening, less stress would be placed on the file under use.

Patency

STEP 2



D FINDERS or GLIDE FINDERS

* See reverse side for specific features of each file.

Tips

- First, use "DF" with minimized cutting edge for safety consideration.
- If patency cannot be achieved, then, use "GF".



D FINDERS



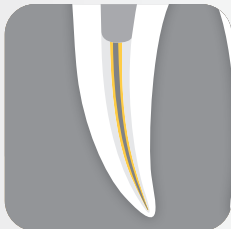
GLIDE FINDERS



Catalogue here

Glide Path

STEP 3



JIZAI GLIDER (013 04)

Clockwise 300min⁻¹ or less
1.0N·cm or less



Tips

- Thoroughly irrigate inside the canal before switching to next file.
- Repeat up-and-down movement gently until reaching to the working length.

Typically, for calcified constricted, or severely curved root canals

JIZAI 020 04

Clockwise 500min⁻¹ or less
3.0N·cm or less



Shaping

STEP 4



JIZAI I (025 04)/JIZAI II (025 06)/JIZAI III (035 04)

Clockwise 500min⁻¹ or less 3.0N·cm or less

For straight canals



For severely curved canals



Tips

- Irrigate the root canal well to avoid file fracture. Confirm no clogging by recapitulation.
- Keep making a smooth up and down motion. (Do not let the file stay in the same location.)
- Be aware in advance #II receives higher resistance than #I due to larger taper.



Demo video

When to change

JIZAI GLIDER (013 04)

- Change to a new file when **deformation or elongation** is suspected

*Cyclic fatigue of file differs depending on the condition of root canals and usage of files. Please refer to numbers of usage as a reference only, as there are no guarantees.

*Regardless of times used, change file if you notice deformation or unwinding of the file.

Superelasticity



Bent by fingers



Returns to its original position

JIZAI 020 04

JIZAI I (025 04)/ II (025 06)/ III (035 04)

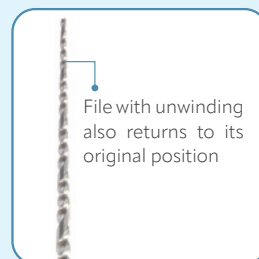
- Change to a new file when **deformation is detected or the elongated blade no longer returns** to its original shape

Shape Memory



Stayed at bending position

After autoclaving (Heating)



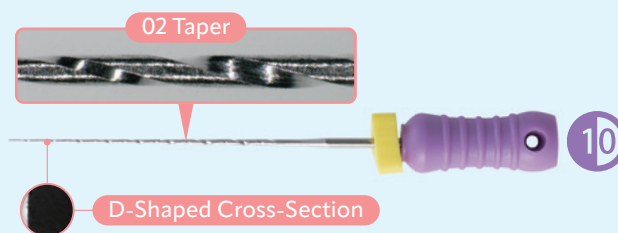
Returns to its original position after heating

Not guaranteed, for reference purpose only

Differences between D FINDERS and GLIDE FINDERS

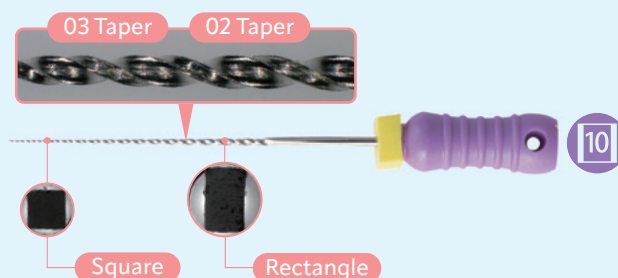
D FINDERS

- Minimized cutting edge
- Low risk of getting stuck, ledges or perforation



GLIDE FINDERS

- With cutting edge
- Able to penetrate even severely calcified and narrow root canals with cutting motion
- Taper = 03 Taper from file tip to 3.5mm
- 02 Taper at handle
- Gives strength at the tip (apex) & flexibility at the handle.



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