




Product Range For multiple use

CE 0197 Product name: MANI[®] NiTi FILES

Specifications	Size	Taper	Length	Quantity Per Unit
JIZAI Standard Kit	I  025	.04	21mm	JIZAI I x 1pc JIZAI II x 1pc JIZAI III x 1pc
	II  025	.06	25mm	
	III  035	.04	31mm	
JIZAI Individual Pack	025, 030, 035, 040, 045, 050	.04	21mm	x 3pcs
	025, 030, 035	.06	25mm	
JIZAI GLIDER	013	.04	31mm	
JIZAI Orifice Opener	025	.14	18mm	

Product Details

Operative Part Length

Rubber Stopper indicates operative part length
■ 18 mm □ 21 mm ■ 25 mm ■ 28mm ■ 31 mm



Working Part Length

Taper .04: 18.5 mm, Taper .06: 18.0 mm
 JIZAI GLIDER: 18.5mm
 JIZAI Orifice Opener: 9.0 mm

Color Code

■ 025 ■ 035 □ 045
■ 030 ■ 040 ■ 050
■ JIZAI GLIDER



Related Products for Patency

D FINDERS



The D-shaped cross section increases blade strength, and prevents excessive filing and binding in calcified or curved root canals.

Size: 08, 10, 12, 15
 Length: 21mm, 25mm

CE Product name: MANI[®] D FINDERS

GLIDE FINDERS



The GLIDE FINDERS are multi tapered files with a varying cross-section from tip to handle. This design provides optimal tip resilience and shank flexibility near the handle.

Size: 08, 10, 12, 15
 Length: 21mm, 25mm

CE Product name: MANI[®] K-FILES

Distributed by

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NEW GENERATION NiTi ROTARY FILE FROM JAPAN

MANI[®]

SIMPLE

Procedural based sequencing

JIZAI is designed to be used in a single length technique along with sequence numbers.

Tip size, taper and sequence number are etched on the shank for easy recognition.



SMOOTH

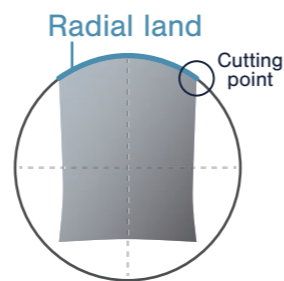
Optimal cutting experience

The unpredictable screw-in effect is one of the biggest problems during root canal shaping. JIZAI enables smooth cutting with less screw-in effect as a result of its original cross section and flutes pitch.



Highly efficient debris removal
The off-center file axis is uniquely designed to provide a larger "pocket" space for debris removal during instrumentation.

Smooth instrumentation
Radial land helps to prevent over instrumentation and excessive engagement on the root canal walls.



Cross section image

FLEXIBLE

Respect for the original anatomy

As a result of the heat treatment that each JIZAI file undergoes there is a significantly lower risk of ledge, transportation and perforation. Centering ability test shows high centering ability as shown in the chart below.

Centering ability test in root canal models

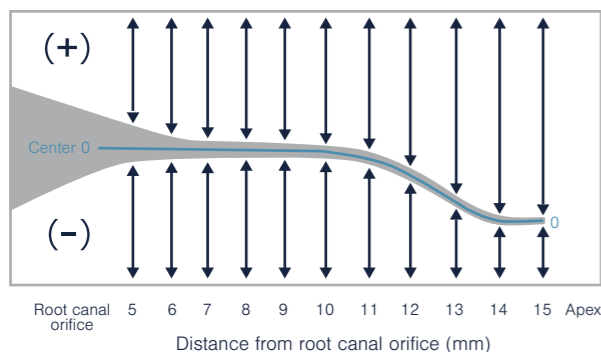


Figure: Image of the measurement points of the volume of transportation in a root canal model

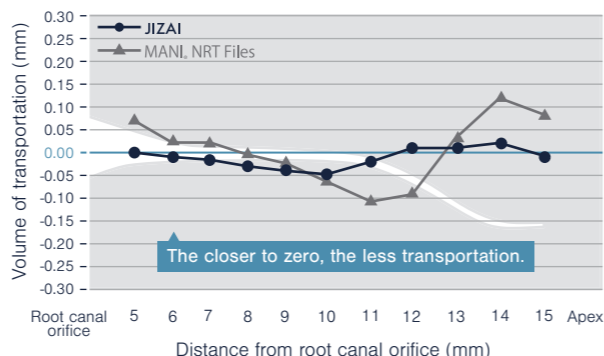


Chart: Volume of transportation

Straight-line Access

JIZAI Orifice Opener (025 .14)



Use JIZAI Orifice Opener (025.14) and prepare the coronal part of the root canal. Coronal flaring secures unimpeded entry and reduces the stress loading on subsequent files.

- Allowable engine speed: 500min-1 or less
- Allowable torque setting: 3.0N*cm or less

Patency

D FINDERS (010 .02)



GLIDE FINDERS (010 Multi taper .03-.02)



Use D FINDERS to achieve patency. D FINDERS work efficiently even in calcified and severely curved canals. GLIDE FINDERS are recommended for canals requiring more cutting force.

Glide Path

JIZAI GLIDER (013 .04)



Use the JIZAI GLIDER to create a glide path. Featuring a 013 tip size and .04 taper, JIZAI GLIDER provides a smooth transition to shaping with JIZAI I (025 .04).

- Allowable engine speed: 300min-1 or less
- Allowable torque setting: 1.0N*cm or less

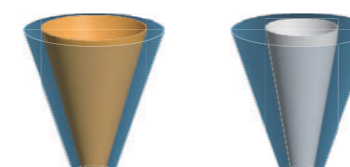
Use with a gentle pecking motion. Irrigate and recapitulate after instrumentation. Always use files with recommended speed and torque, and do not force files apically.

Features of JIZAI GLIDER

Material

Manufactured from an optimized R-Phase/Austenitic NiTi alloy to allow the file to exhibit excellent cutting ability despite the finer tip size.

Size & Taper

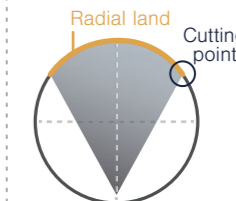


013 .04 JIZAI GLIDER vs 015 .02 SS file

025 .04 JIZAI I vs 025 .04 JIZAI I

Figure : Comparison shaping volume by JIZAI I after glide path by JIZAI GLIDER and 015.02 SS file

Cross section



Our unique cross-sectional design respects the original canal anatomy.

Shaping

JIZAI I (025 .04)

JIZAI II (025 .06)

JIZAI III (035 .04)



JIZAI is designed to be used in a single length technique along with the sequence numbers. Use JIZAI I, II & III in order for shaping straight or slightly curved root canals. For severely curved canals, use only JIZAI I & II.

- Allowable engine speed: 500min-1 or less
- Allowable torque setting: 3.0N*cm or less

Irrigate and recapitulate after shaping as well as before using next file. Always use files with recommended speed and torque, and do not force files apically.