ORODEKA®

PLEX V

ENGINE USE ROOT CANAL FILES

Exclusive thermal process

Manufactured using an exclusive thermal process. All metalurgic transitions as austenite and martensite phases are taken at room temperature, giving many benefits against other NITI files.

Controlled memory wire

Controlled memory wire allows us to respect the root canal anatomy, avoiding root weakening and the creation of ledges and transportation of canal perforations.

High Resistance

CM wire alloy with special heat treatment gives a very high resistance and flexural fatigue.

Pre-curved

It can be pre-curved and has an extreme effciency in the most curved canals.

Shape memory

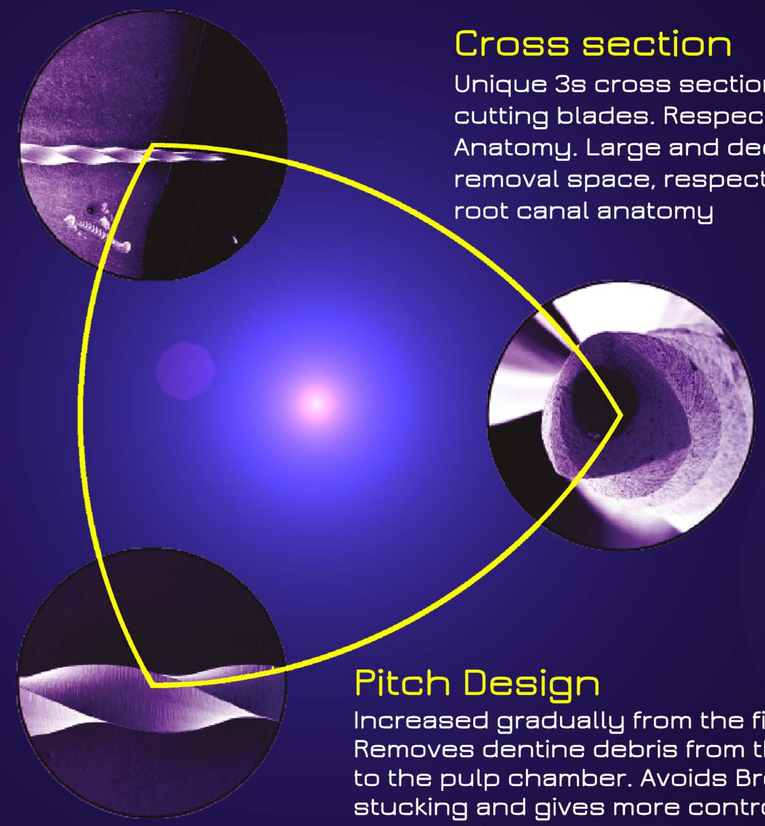
Shape memory permits the file to recover its original shape when sterilized, retrieving all the metallic proprieties and it's metalurgic structure

Triangular Convex Section

The instrument section is a triangular convex modified, it facilitates the removal of debris and reduces contact with the canal walls with a very active cutting effciency.

Tip Design

A non active tip without blades, with no cutting function, only for scouting. Avoids the creation of the ledges and perforations on the root canal walls



Cross section

Unique 3s cross section. Three sharp cutting blades. Respects The original Anatomy. Large and deep debris removal space, respecting the original root canal anatomy

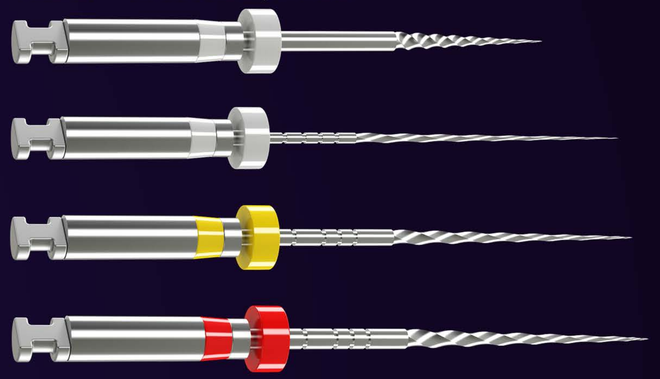
Pitch Design

Increased gradually from the file tip. Removes dentine debris from the root canal to the pulp chamber. Avoids Breakings, stucking and gives more control inside the root canals.

Each blister contains 4 files of the same type, with the exception of the assorted blister packs presented below:

PLEX V - 04

Blister 4 assorted pieces



015/08 PLEX

015/03 PLEX

020/04 PLEX

025/04 PLEX

21mm DK90022100140 - 25mm DK90022500141 - 28mm DK90021800159 - 31mm DK90021800160

PLEX V - 06

Blister 4 assorted pieces

015/08 PLEX

015/03 PLEX

020/05 PLEX

025/06 PLEX

21mm DK90022100138 - 25mm DK90022500139 - 28mm DK90021800157 - 31mm DK90021800158

Standard sizes

19 mm

015/08 PLEX DK90021900100

All sizes are available in the following lengths:
21 mm - 25 mm - 28 mm - 31 mm

015/03 PLEX

020/04 PLEX

020/05 PLEX

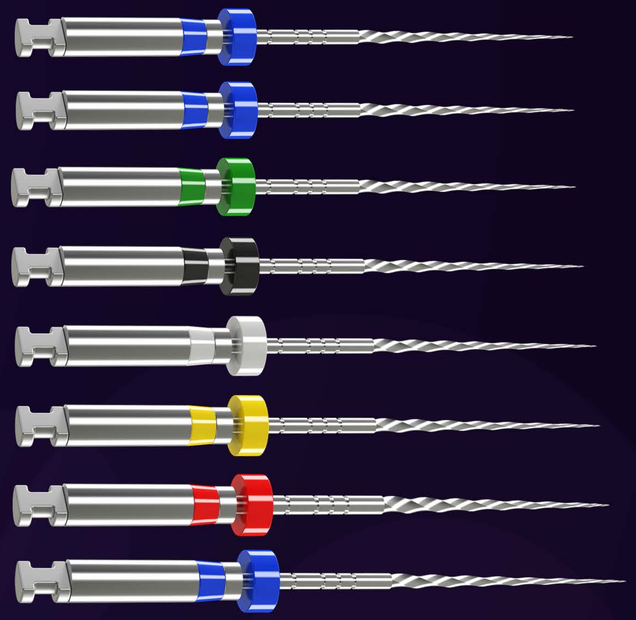
025/04 PLEX

025/06 PLEX

Size	21mm	25mm	28mm	31mm
015/03	DK90022100101	DK90022500102	DK90022800103	DK90023100104
020/04	DK90022100105	DK90022500106	DK90022800107	DK90023100108
020/05	DK90022100121	DK90022500122	DK90022800123	DK90023100124
025/04	DK90022100142	DK90022500143	DK90022800144	DK90023100145
025/06	DK90022100109	DK90022500110	DK90022800111	DK90023100112

Extra sizes

All sizes are available in the following lengths:
21 mm - 25 mm - 28 mm - 31 mm



030/04 PLEX

030/06 PLEX

035/04 PLEX

040/04 PLEX

045/04 PLEX

050/04 PLEX

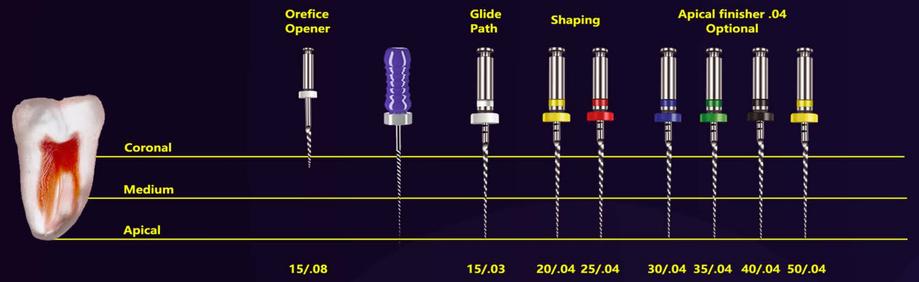
055/04 PLEX

060/04 PLEX

Size	21mm	25mm	28mm	31mm
020/06	DK90022100135	DK90022500136	DK90022800137	DK90022800159
030/04	DK90022100157	DK90022500158	DK90022800159	DK90023100160
030/06	DK90022100125	DK90022500126	DK90022800127	DK90023100128
035/04	DK90022100113	DK90022500114	DK90022800115	DK90023100116
040/04	DK90022100129	DK90022500130	DK90022800131	DK90022800157
045/04	DK90021800107	DK90025800107	DK90028800107	DK90031800107
050/04	DK90022100132	DK90022500133	DK90022800134	DK90022800158
055/04	DK90021800109	DK90025800109	DK90028800109	DK90031800109
060/04	DK90021800140	DK90025800140	DK90028800140	DK90031800150

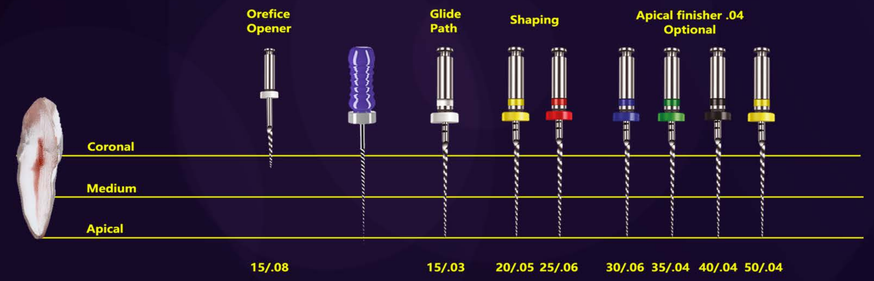
PLEX V 04 - Difficult Canals

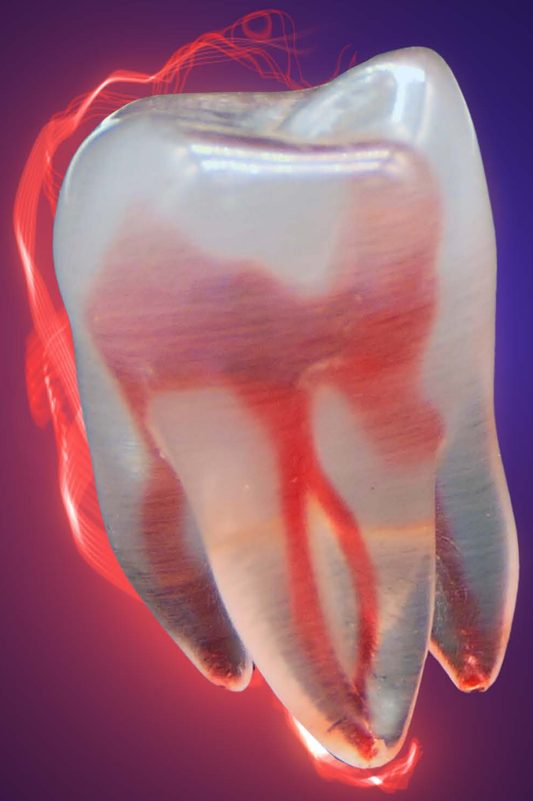
Mode	Open	Path Files	Finishing	
TAPER	08	03	04	04
DIAMETER	15	15	20	25
LENGTH	19mm	21 mm - 25 mm - 28 mm - 31 mm		
TORQUE	2.5 N.Cm	1.5 N.Cm	2.5 N.Cm	2.5 N.Cm
SPEED	500 RPM	300 RPM	500 RPM	500 RPM



PLEX V 06 - Easy Canals

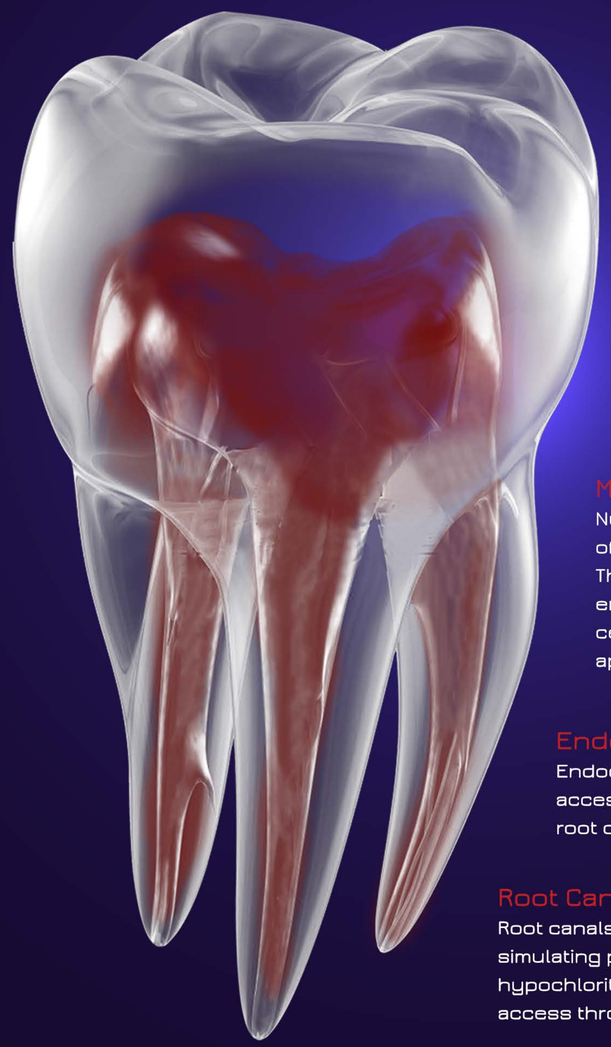
Mode	Open	Path Files	Finishing	
TAPER	08	03	05	06
DIAMETER	15	15	20	25
LENGTH	19mm	21 mm - 25 mm - 28 mm - 31 mm		
TORQUE	2.5 N.Cm	1.5 N.Cm	2.5 N.Cm	2.5 N.Cm
SPEED	500 RPM	300 RPM	500 RPM	500 RPM





3D PRINTED TEETH

3D PRINTED REPLICAS OF REAL TEETH



Heat resistant

Polimers used are heat-resistant, so high-speed burs don't gum up and the replica's canal walls don't melt when obturating with warm gutta-percha methods

Special patented resin

Real size tooth models made out of special patented resin material with hardness similar to dentin and that enables visual control of files during preparation

Multiple positions

Number and morphological position of root canals copies real tooth. There are a number of procedural endodontic challenges, S curves, cervical curves, mid-root bifurcations, apical confluencies etc.

Endodontic simulator

Endodontic simulator for training the access to the pulp chamber and root canal preparation tasks.

Root Canals

Root canals contain a red gel-like material simulating pulp tissue that dissolves in sodium hypochlorite. It is possible to learn the access through calcified pulp chambers.

UPPER INCISOR A

UPPER MOLAR A

UPPER MOLAR B

LOWER INCISOR A

LOWER INCISOR B

LOWER MOLAR A

LOWER MOLAR B

LOWER MOLAR C
ROOT CANAL A

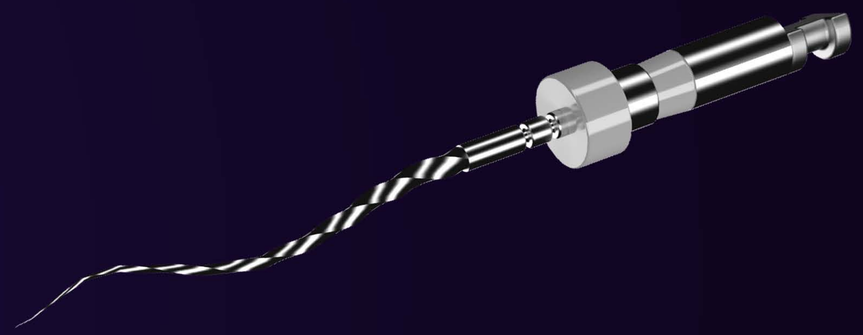
PREMOLAR A

PREMOLAR B

CANINE A

CANINE B

PLEX VPLUS



Size	21mm	25mm	28mm	31mm
012/03	DR900221U0025	DR900225U0025	DR900228U0025	DR900231U0025
017/045	DR900221U0035	DR900225U0035	DR900228U0035	DR900231U0035
022/055	DR900221U0045	DR900225U0045	DR900228U0045	DR900231U0045

ASSORTED PACKAGE

	21mm	25mm	31mm
(19mm) 015/08 012/03 017/045 022/055 025/06	DR900221U0005	DR900225U0105	DR900225U0005

PLEX RC ONE

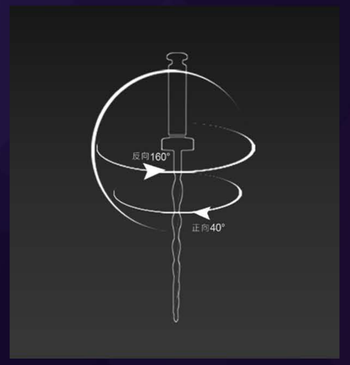
Everything in one instrument

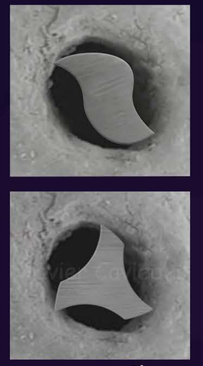
Easy

Plex RC-ONE is designed to completely prepare a root canal with one single reciprocating instrument in most cases, being easy to learn and teach, with less probability of procedural errors. The selection of the Plex RC-One file, depends on the clinical case difficulty.

Safe

A unique design with two different cross section profiles, a reciprocating movement with balanced rotation angles and a very flexible alloy, generate maximum resistance to cyclic fatigue and reduce the risk of instrument fracture. Optimal for the management of canals with severe curvatures and complex anatomies.





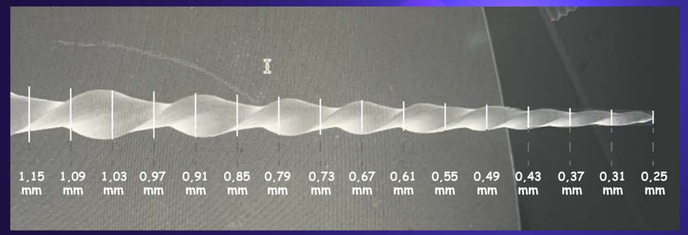
cross section profiles

severe curvatures

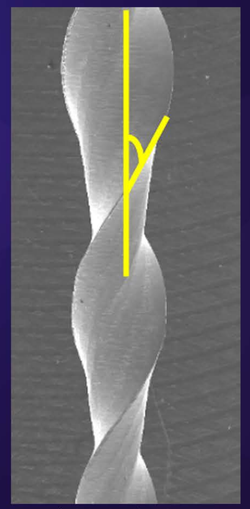
complex anatomies

Efficient and Effective

Preparation time is reduced due to the instrument design with a constant taper, two cross-section profiles and a great cutting capacity, which enhances preparation and irrigation. Modified convex triangular cross-section of the tip provide instrument stability and the S-shaped cross-section of the file body helps preserving the original shape of the canal. It has a variable helical angle that allows an efficient debris removal coronally, an inactive pilot tip to maintain the original shape of the canal and a short transition angle to provide efficient cutting.



6% Taper

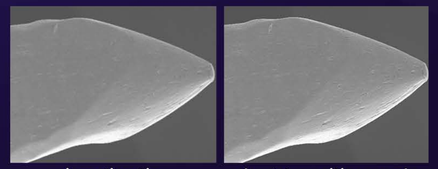


variable helical angle

Flexible

Plex RC-ONE is made of a modified nickel-titanium CM wire alloy. It is manufactured using an exclusive thermal process at room temperature, that gives it a great flexibility that helps preserve the original shape of the canal due to memory control, great cutting capacity and high resistance to cyclic fatigue.

Original shape



inactive tip short transition angle

Instrument Specifications

TAPER	06	05	04	04
SIZE	25	40	50	35
LENGTH	21mm / 25 mm / 28mm / 31mm			
TORQUE	2.0-3.0N-CM	2.0-3.0N-CM	2.0-3.0N-CM	2.0-3.0N-CM
SPEED	300-500RPM	300-500RPM	300-500RPM	300-500RPM
ROTATION ANGLE	clockwise 40° counterclockwise 160°	clockwise 40° counterclockwise 160°	clockwise 40° counterclockwise 160°	clockwise 40° counterclockwise 160°

Size	21mm	25mm	28mm	31mm
025/06	DHC9002212506	DHC9002252506	DHC9002282506	DHC9002312506
040/05	DHC9002214005	DHC9002254005	DHC9002284005	DHC9002314005
050/04	DHC9002215004	DHC9002255004	DHC9002285004	DHC9002315004
035/04	DHC9002213504	DHC9002253504	DHC9002283504	DHC9002313504

Size 025/04

16mm	19mm	21mm	25mm	28mm	31mm
DHC9002162504	DHC9002192504	DHC9002212504	DHC9002252504	DHC9002282504	DHC9002312504

Size ASSORTED PACKAGE

	21mm	25mm	28mm	31mm
025/06 040/05 050/04	DH900221R0003	DH900225R0003	DH900228R0003	DH900231R0003

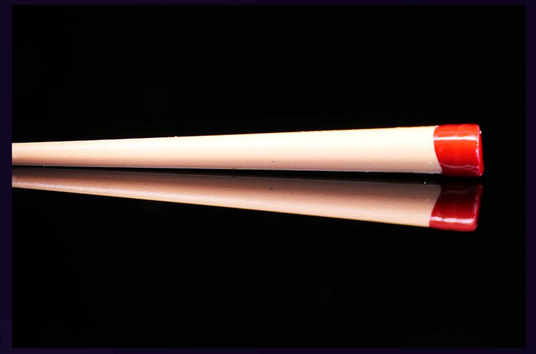
Gutta Percha Points

MADE BY INJECTION MOLDING

Gutta-Percha is being used as a filling material (permanent use) of the cleaned root canals of tooth intended to fill the root of the tooth.

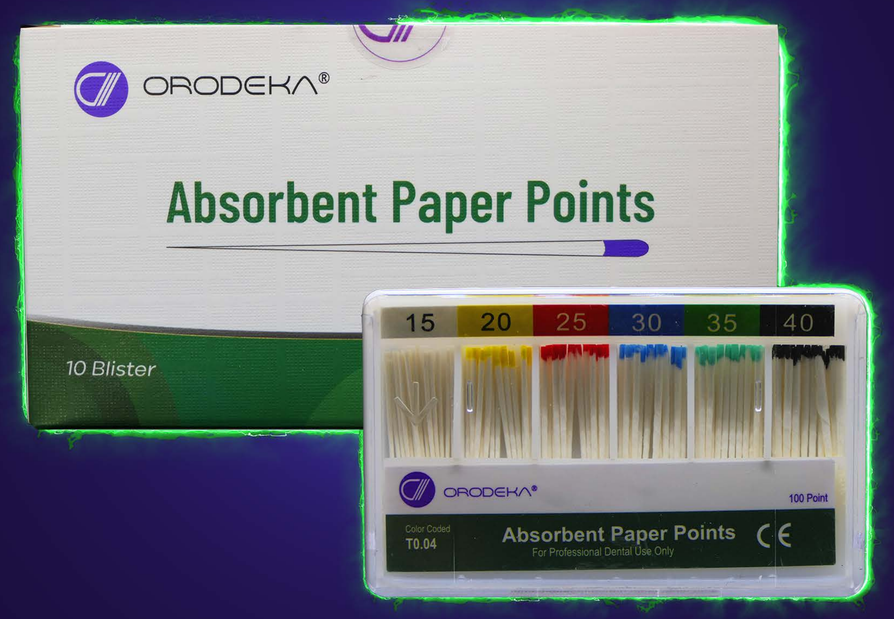
All the elements are manufactured in strictly accordance with internationally recognized standards.

- True to size and shape with excellent workability
- Long shelf life and freshness assured
- Made by injection molding from finest Gutta-percha
- Uniformed and non distorting crimp
- Stiff but flexible to provide ideal workability



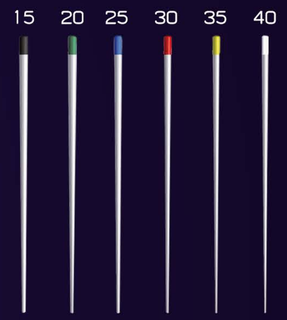
Instrument Specifications

G 0-200(0.02 Taper) - G 0-400(0.04 Taper) - G 0-600(0.06 Taper)



ABSORBENT PAPER POINTS

Taper	Model
PP-200(0.02 taper) (200PCS/BOX)	15#
	20#
	25#
	30#
	35#
	40#
	45#
	50#
	55#
	60#
	70#
	80#
- ASSORTED PACKAGE 14-40	15-40#
- ASSORTED PACKAGE 45-80	45-80#
PP-400(0.04 taper) (120PCS/BOX)	15#
	20#
	25#
	30#
	35#
	40#
- ASSORTED PACKAGE 14-40	15-40#
PP-600(0.06 taper) (120PCS/BOX)	15#
	20#
	25#
	30#
	35#
	40#
- ASSORTED PACKAGE 14-40	15-40#



Absorbent Paper Points is a device made form highly absorbent natural paper and it's intended to clean the tooth root canal by insertion and removal supplied in sterilized condition.

- True to size and shape with excellent workability

- Uniform hand-rolled to exact compliance to allowable tolerance

- Unsurpassed consistency in quality

- Rigid enough to be easily inserted into the moist root canal without curing or blending and be highly absorbent and excellent radio-sterilized

HAND USE FILES

Root Canal H-FILES

Size	21mm	25mm	28mm	31mm
006	DK90012100100	DK90012100101	DK90012100102	DK90012100103
008	DK90012100104	DK90012100105	DK90012100106	DK90012100107
010	DK90012100108	DK90012100109	DK90012100110	DK90012100111
015	DK90012100112	DK90012100113	DK90012100114	DK90012100115
020	DK90012100116	DK90012100117	DK90012100118	DK90012100119
025	DK90012100120	DK90012100121	DK90012100122	DK90012100123
030	DK90012100124	DK90012100125	DK90012100126	DK90012100127
035	DK90012100128	DK90012100129	DK90012100130	DK90012100131
040	DK90012100132	DK90012100133	DK90012100134	DK90012100135
015-040	DK90012100136	DK90012100137	DK90012100138	DK90012100139
045-080	DK90012100140	DK90012100141	DK90012100142	DK90012100143

Root Canal K-FILES

Size	21mm	25mm	28mm	31mm
006	DK90012100188	DK90012100189	DK90012100190	DK90012100191
008	DK90012100192	DK90012100193	DK90012100194	DK90012100195
010	DK90012100196	DK90012100197	DK90012100198	DK90012100199
015	DK90012100200	DK90012100201	DK90012100202	DK90012100203
020	DK90012100204	DK90012100205	DK90012100206	DK90012100207
025	DK90012100208	DK90012100209	DK90012100210	DK90012100211
030	DK90012100212	DK90012100213	DK90012100214	DK90012100215
035	DK90012100216	DK90012100217	DK90012100218	DK90012100219
040	DK90012100220	DK90012100221	DK90012100222	DK90012100223
015-040	DK90012100224	DK90012100225	DK90012100226	DK90012100227
045-080	DK90012100228	DK90012100229	DK90012100230	DK90012100231

- Packed with 6 files per blister, available of single or assorted size
- Made of stainless steel

Root Canal REAMERS

Size	21mm	25mm	28mm	31mm
▲ 006	DK90012100144	DK90012100145	DK90012100146	DK90012100147
▲ 008	DK90012100148	DK90012100149	DK90012100150	DK90012100151
▲ 010	DK90012100152	DK90012100153	DK90012100154	DK90012100155
▲ 015	DK90012100156	DK90012100157	DK90012100158	DK90012100159
▲ 020	DK90012100160	DK90012100161	DK90012100162	DK90012100163
▲ 025	DK90012100164	DK90012100165	DK90012100166	DK90012100167
▲ 030	DK90012100168	DK90012100169	DK90012100170	DK90012100171
▲ 035	DK90012100172	DK90012100173	DK90012100174	DK90012100175
▲ 040	DK90012100176	DK90012100177	DK90012100178	DK90012100179
015-040	DK90012100180	DK90012100181	DK90012100182	DK90012100183
045-080	DK90012100184	DK90012100185	DK90012100186	DK90012100187

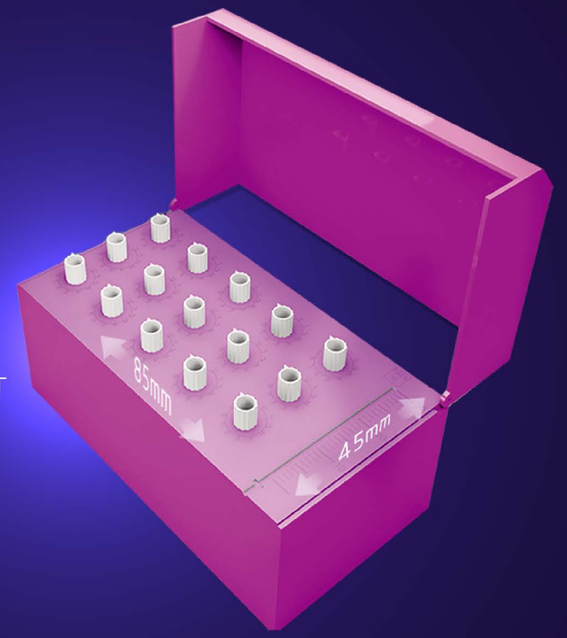
- Used for Vertical of root canal condensation
- Packed with 6 files per blister, available of single or assorted size
- Made of stainless steel

Root Canal G-FILE

Size	21mm	25mm	28mm	31mm
006	DK90012100245	DK90012100246	DK90012100244	DK90012100247
008	DK90012100249	DK90012100250	DK90012100248	DK90012100251
010	DK90012100253	DK90012100254	DK90012100252	DK90012100255
012	DK90012100257	DK90012100258	DK90012100256	DK90012100259
015	DK90012100261	DK90012100262	DK90012100260	DK90012100263
006-010	DK90012100265	DK90012100266	DK90012100264	DK90012100267

- More flexible and more harder than the current hand use files
- Used for Vertical of root canal condensation
- Packed with 6 files per blister, available of single or assorted size
- Made of stainless steel

- COUNTABLE TIMES
- HIGH-PRECISION RULER MEASUREMENT
- MULTIPLE PORE SIZES
- HIGH TEMPERATURE RESISTANCE



Root canal file sterilization box

The multi-functional root canal file box is made of plastic material, and there are several holes and slots for measuring the length of the root canal file on the product, which plays the role of recording the number of root canal files and measuring the length of the root canal files. Passive products. Non-sterile.

ORODEKA®

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