

EDGEENDO®

Performance. Price. Technology



“Let Us Help You Do Great Root Canals.”

— Charles J. Goodis, DDS
Endodontist, Albuquerque, NM, USA
Founder & Owner, EdgeEndo®



UNMATCHED FLEXIBILITY



INCREDIBLE STRENGTH



NO BOUNCE BACK



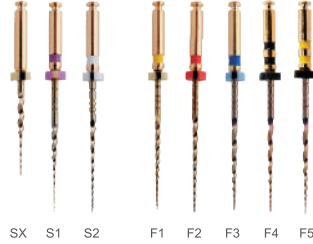
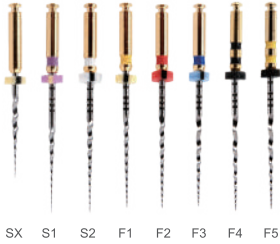
COMPATIBLE



The Taper Has Been Edge-ified

NON HEAT-TREATED NiTi

HEAT-TREATED FIREWIRE™ NiTi



EDGEGLIDEPATH™

EDGETAPER™
Non Heat-treated for Traditional Taper Feel.

EDGETAPER™
PLATINUM™

Doing the work of 8 instruments.

The EdgeTaper Platinum™ and the EdgeTaper™ is designed to be compatible with most handpieces and operates at the ProTaper® and ProTaper Gold® parameters. This familiar sequence will ensure the switch to EdgeTaper Platinum™ or EdgeTaper™ will be seamless. EdgeTaper™ is not heat treated making it more like ProTaper®, files are strong with memory. EdgeTaper Platinum™ features our Heat-Treated Firewire™ NiTi making it strong and more flexible with 90° curves. EdgeTaper Platinum™ tests at twice the cyclic fatigue as ProTaper Gold® and 6 times the cyclic fatigue as ProTaper®.

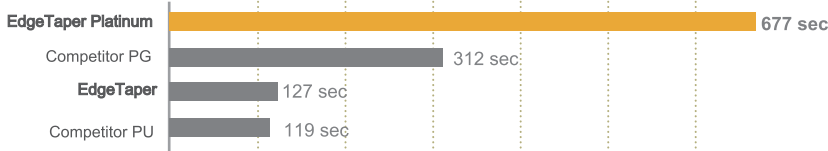
Both file systems have a bloated triangular cross section with a progressive changing taper. Available in lengths 21mm, 25mm, 31mm with six of the same size file in each pack. Experience the new standard in file safety and canal centering ability.

The EdgeGlidePath™ Heat Treated FireWire® NiTi file system features the legendary flexibility and strength that EdgeEndo is known for. It replaces as many as 8 instruments to create a glidepath faster, with far less effort. Replaces #15, 20, 25, 30, 35 hand files in a step-back technique and a #1, 2 & 3 Gates Glidders. EdgeGlidePath works with existing handpieces and operates at the ProGlider® parameter.

EdgeGlidePath has a triangular cross section with the taper and tip size of 19, maximum flute diameter is 1mm (varying taper). Available in lengths 21mm, 25mm, and 31mm with four same size files in each pack.

CYCLIC FATIGUE TEST

500 RPM 90° SLOT, AVERAGE TIME TO FAILURE.*



ProTaper® and ProTaper Gold® are registered trademarks of Dentsply Tulsa Dental Specialties. *Based on Internal Testing. See EdgeEndo.com/testing for results.

EdgeGlidepath™

Heat-Treated FireWire™ NiTi / 4pk

21mm WHITE EGP0221

25mm WHITE EGP0225

31mm WHITE EGP0231

EdgeTaper™

Assorted pack

Non-heat treated NiTi / 6pk

SX19mm,S1,S2,F1,F2,& F3: 21MM ET21MM

SX19mm,S1,S2,F1,F2,& F3: 25MM ET25MM

SX19mm,S1,S2,F1,F2,& F3: 31MM ET31MM

Non-heat treated NiTi / 6pk

ETSX19

Non-heat treated NiTi / 6pk

PURPLE ETS121

WHITE ETS221

YELLOW ETF121

RED ETF221

BLUE ETF321

BLACK ETF421

YELLOW ETF521

25mm Non-heat treated NiTi / 6pk

S1 PURPLE ETS125

S2 WHITE ETS225

F1 YELLOW ETF125

F2 RED ETF225

F3 BLUE ETF325

F4 BLACK ETF425

F5 YELLOW ETF525

31mm Non-heat treated NiTi / 6pk

S1 PURPLE ETS131

S2 WHITE ETS231

F1 YELLOW ETF131

F2 RED ETF231

F3 BLUE ETF331

F4 BLACK ETF431

F5 YELLOW ETF531

EdgeTaper Platinum™

Assorted pack

Heat-Treated FireWire™ NiTi / 6pk

SX19mm,S1,S2,F1,F2,& F3: 21MM ETP21MM

SX19mm,S1,S2,F1,F2,& F3: 25MM ETP25MM

SX19mm,S1,S2,F1,F2,& F3: 31MM ETP31MM

19mm Heat-Treated FireWire™ NiTi / 6pk

SX ETSX19HT

21mm Heat-Treated FireWire™ NiTi / 6pk

S1 PURPLE ETS121HT

S2 WHITE ETS221HT

F1 YELLOW ETF121HT

F2 RED ETF221HT

F3 BLUE ETF321HT

F4 BLACK ETF421HT

F5 YELLOW ETF521HT

25mm Heat-Treated FireWire™ NiTi / 6pk

S1 PURPLE ETS125HT

S2 WHITE ETS225HT

F1 YELLOW ETF125HT

F2 RED ETF225HT

F3 BLUE ETF325HT

F4 BLACK ETF425HT

F5 YELLOW ETF525HT

31mm Heat-Treated FireWire™ NiTi / 6pk

S1 PURPLE ETS131HT

S2 WHITE ETS231HT

F1 YELLOW ETF131HT

F2 RED ETF231HT

F3 BLUE ETF331HT

F4 BLACK ETF431HT

F5 YELLOW ETF531HT

Taiwanese Lifestyle Through the Eyes of CC

Chapter 9.

Maximizing Spaces and Resources - Regenerating dead space & your soul

“Creativity is seeing what others see and thinking no one else ever thought.”

– Albert Einstein



In housing design, there is always an inevitable sacrifice of space in order to achieve certain functions or purposes. If such spaces are big enough, they may be turned into something else; for example, the triangular space under staircases is often fitted with shelves and cupboards to serve as storage, or in older Taiwanese residences, a bathroom. However, what if the space is just too fragmentary and difficult for common uses? One such example would be the gap under an access ramp, which is more often than not filled up with solid concrete.

The need for wheelchair access for Dr. Chang's mother prompted the addition of a ramp to connect their two houses, and since the neighborhood is situated on a slope, a discrepancy in ground levels exists. As the ramp goes past Dr. Chang's spectacular front yard aviary, the logic of space extension has again been implemented in the ramp's design, similar to how the garage ceiling was converted into an aviary extension (see chapter 8).

With this idea in mind, Dr. Chang once again transformed the ramp into a facility shared by the human and feathered residents in and around the house. The surface of the ramp is obviously used for access - its most fundamental purpose. The inner edge of the ramp is securely attached to the house wall, while the outer edge is closed up with mesh and sliding windows on the upper half and a wooden fence on the lower half. On both sides of the fence, a line of utility hooks have been installed to store all kinds of tools and materials for home maintenance and gardening. Upon closer inspection, one can see that the fence has actually been cut apart along the level of the ramp, with the bottom section cleverly made into several

disguised doors allowing access to the space under the ramp, where the remaining rocks from previous construction are stacked up into piles. This is not only for storage, but also to prepare the space for its new settlers - quail!

As previously introduced in chapter 2, quail are extremely timid and therefore enjoy places with overhead covers, so consequently this semi-isolated space under the ramp makes a perfect home for them. Sand has been scattered all over the floor to cater for the quail's digging habit, while the rock piles add a dynamic to the landscape and stimulate natural foraging behavior. Though seemingly secluded, it is actually connected to the front yard aviary, allowing freedom for the quail to venture out if they prefer leafy bushes or want to enjoy some sunlight, as well as for other curious birds to seek sanctuary and seclusion. There is no need to worry that other birds or ducks will take over their space, as the differences in their instincts



Fig. 1: The fence was cut along the level of the ramp, with the bottom part cleverly made into several disguised doors, which allow access to the space under the ramp.

Fig. 3: (bottom left) On both sides of the fences, utility hooks are installed to store all kinds of materials and tools for home maintenance and gardening.



Fig. 2: Rocks are piled up under the ramp not only for storage, but also to better accommodate the new settlers - quail. The secluded space is a perfect home for these timid ground-dwellers.

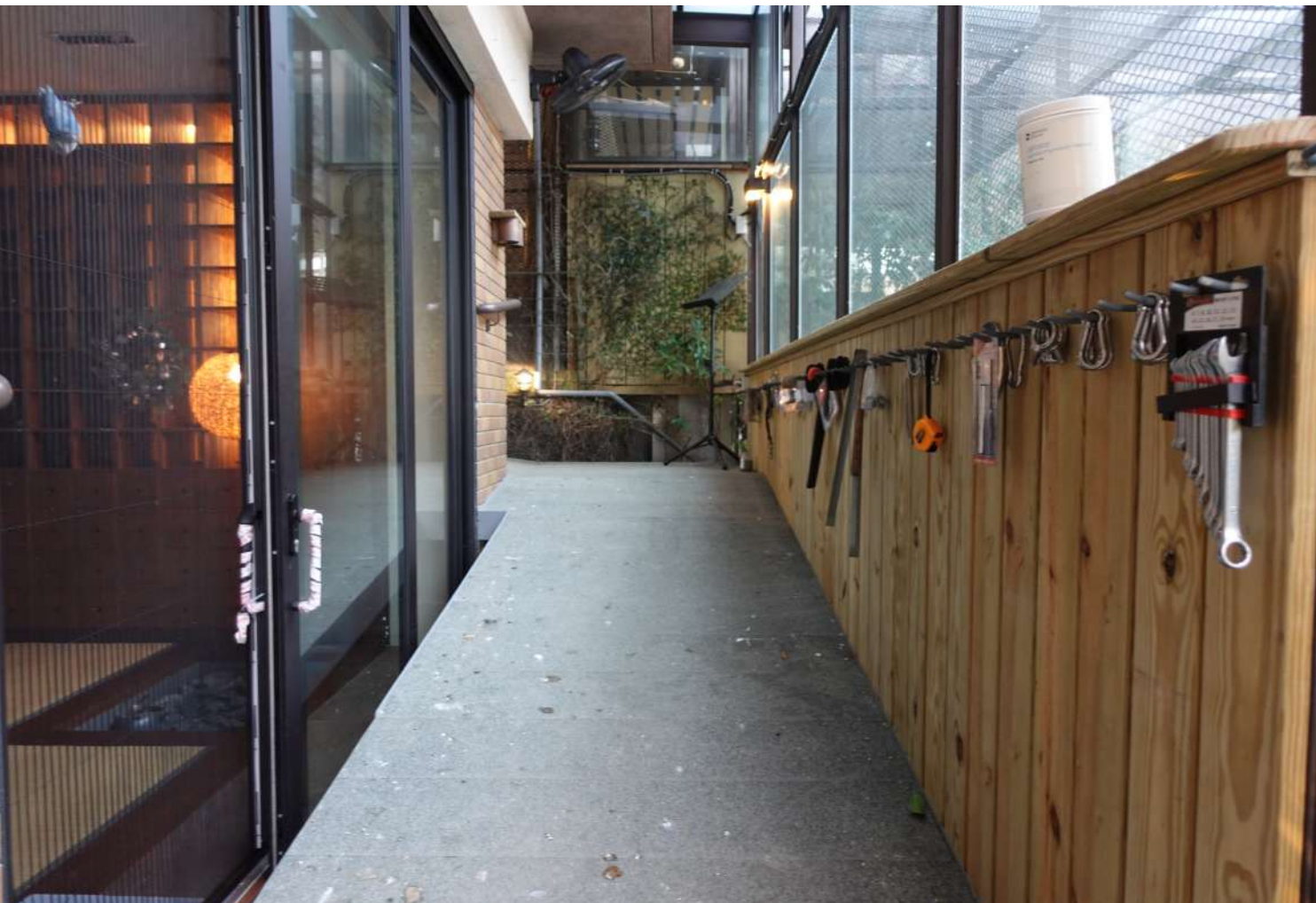


Fig. 4: The ramp is located inside the front yard aviary introduced in the previous chapter (chapter 8), making it another facility that can be enjoyed by both human and birds.

and habits naturally lead them to inhabit different parts of the aviary.

A specific section of the ramp coincides with the tea room in the house, which is directly accessible from the ramp through a set of sliding patio doors. Between the ramp and the sliding doors, a gap of around 20cm has been left so the bottom of the glass doors can be easily reached for cleaning. As an added bonus, the tea room enjoys an excellent view into the quail's new home. When adults are immersed in the fragrance, taste, and ceremony of tea and tea-making, the kids usually gather by the glass doors, observing the quail pecking and scratching around, a scene which is otherwise rather difficult to see in an open field. This is normally when Dr. Chang is prompted to proudly pronounce, "Sure, some people have aquariums at home, but we have this!"



Fig. 4: The Changs' tea room is directly accessible from the ramp via sliding patio doors. When the doors are closed, the tea room provides tranquility and security. Once the doors have been slid open, the Chang family get to plunge into the embraces of their beloved birds.



Fig. 5: Dr. Chang, his daughter Kristine, and guests having a mesmerizing session of tea ceremony.

In addition to a passageway, the ramp also serves housekeeping and ecological purposes. With this creative design, the tea room seems to become an intersection that connects the outdoors and the rest of the house. It provides the tranquility and security that an indoor space can offer, while at the same time extends an open arm to welcome in the sunlight, the humming of the winds, and the birdsong of all the feathered companions around the house. Once the patio doors have been slid open, Dr. Chang and his family get to plunge straight into the bubbly joy as their endearing birds flock, perch, and chirp all over them. The slower ones, such as the Call duck with its clumsy, swinging footsteps, catch up later and loyally follow the Changs around as they stroll towards the front yard aviary to enjoy a break surrounded by nature.



Fig. 6: Some of the feathered friends who cannot get enough time with their human hosts can be found wandering in front of the patio doors, waiting patiently for Dr. Chang and his family's next break time off work.



Fig. 7: From this angle, it is apparent that the ramp area is itself an extension of the front yard aviary. The fragmentary space is used to its maximum, benefitting all the living creature in and around the house.



Fig. 8: The affection between the Chang family and their birds is mutual. Through their interactions, one can really tell that the family treat them like feathered children, and reciprocally the birds reward with trust. Unlike the nervous, restless ones in the wild, they know they are safe enough to show the most vulnerable, and at the same time the most adorable side to the family.



"Creativity is seeing what others see and thinking what no one else ever thought," said Albert Einstein. Furthermore, such creative thinking is best stimulated by the necessity of the outcome to be applicable and useful. The evolution of the Changs' outdoor ramp developed from an original consideration of accessibility; however, after incorporating the needs for creating a better living environment for all creatures of the house, the ramp has become much more than just a ramp, a regenerated facility that also regenerates the Changs' souls. On the contrary, creative thinking, especially in a profession, without actually understanding the needs that have to be met, could render the outcome undesirable, spoiling the very idea of creativity and inversely limiting the scope of thinking.

Desk editor of JDO & a wildlife enthusiast*

Annie Chen

*Title bestowed by Dr. Chris Chang
Special thanks to Mr. Paul Head for refining this article