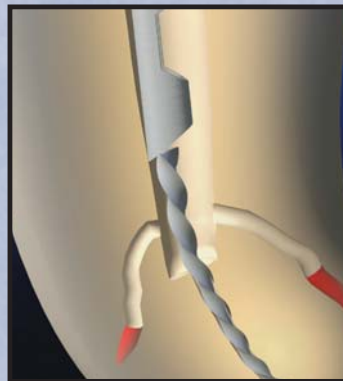
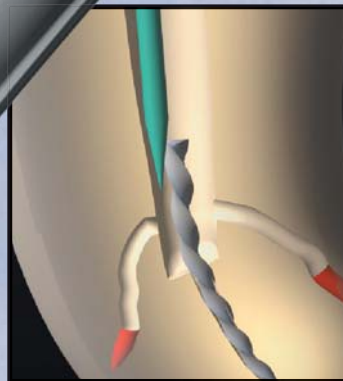


# File Removal System **The Mechanical Advantage**

**To err is human;  
to retrieve divine.**

Designed by  
Clifford J. Ruddle, DDS

- **Trephine with Ultrasonics**
- **Position the Microtube**
- **Engage and Remove**



**DENTSPLY**  
TULSA DENTAL  
SPECIALTIES

# File Removal System



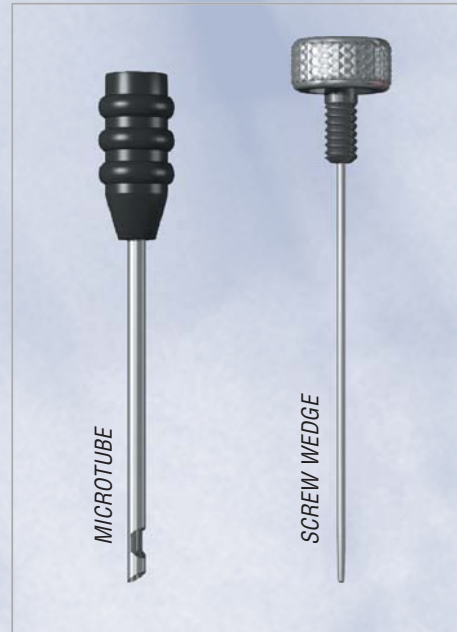
19 GAUGE  
( OD = 1.0 mm )  
( ID = 0.8 mm )



21 GAUGE  
( OD = 0.8 mm )  
( ID = 0.6 mm )



24 GAUGE  
( OD = 0.6 mm )  
( ID = 0.4 mm )



OD = Outside Diameter • ID = Inside Diameter

## Features

### MICROTUBE

- Small handles to enhance vision
- Side window to improve mechanics
- 45° bevel to 'scoop' obstructions

### SCREW WEDGE

- Knurled handled wedge for sure grip
- Threading mechanism for strong purchase
- Tapered distal end

Ultrasonics remains the procedural choice when removing intracanal obstructions lodged deep within the root canal system. On occasion, ultrasonic trephining procedures are limited, or prove ineffective. In these instances, the FILE REMOVAL SYSTEM from DENTSPLY Tulsa Dental Specialties may be utilized to mechanically engage and potentially remove intracanal obstructions, such as silver points, carrier-based obturators or broken file segments.

The FILE REMOVAL SYSTEM is available in three sizes:

- **Black instrument (19 Gauge)** – Used in the pulp chambers and coronal one-third of canals
- **Red instrument (21 Gauge)** – Used in the middle one-third of canals
- **Yellow instrument (24 Gauge)** – Used for deeper placement in the apical one-third of canals

### ORDER INFORMATION

Starter System Includes:	FRSYS
<ul style="list-style-type: none"> <li>• One refill pack of each (2 Black, 2 Red and 2 Yellow instruments)</li> <li>• One practice block</li> <li>• Directions For Use and Technique Card</li> </ul>	
Black Refill pack (19 Gauge)	FRBLAREFILL
Red Refill pack (21 Gauge)	FRREDREFILL
Yellow Refill pack (24 Gauge)	FRYELREFILL

Rx Only

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1-800-662-1202  
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[www.TulsaDentalSpecialties.com](http://www.TulsaDentalSpecialties.com)

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