

# Instrument Removal System

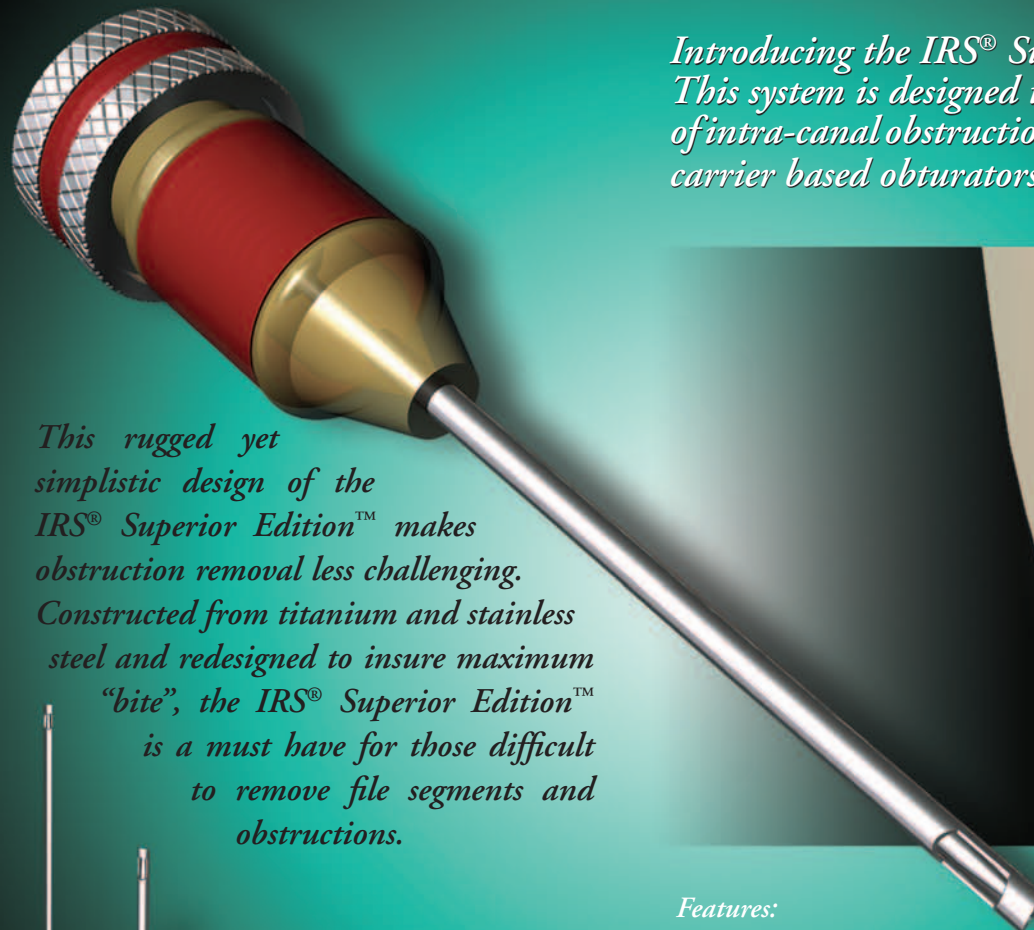


**IRS**<sup>®</sup>  
SUPERIOR EDITION™

- SUPERIOR PERFORMANCE
- SUPERIOR QUALITY
- SUPERIOR DESIGN
- SUPERIOR RESULTS

## Broken instruments happen ... Retrieving them just got easier

*Introducing the IRS<sup>®</sup> Superior Edition.  
This system is designed to assist in the removal  
of intra-canal obstructions such as file segments,  
carrier based obturators and silver points.*



*This rugged yet simplistic design of the IRS<sup>®</sup> Superior Edition™ makes obstruction removal less challenging. Constructed from titanium and stainless steel and redesigned to insure maximum "bite", the IRS<sup>®</sup> Superior Edition™ is a must have for those difficult to remove file segments and obstructions.*



**SAN DIEGO**  
**SWISS**  
**MACHINING**  
INCORPORATED

To Order Toll Free:  
(855)737-9477  
[www.sdswiss.com](http://www.sdswiss.com)

### Features:

- 4 sizes for all areas of the canal (ranging from .4mm to 1.3mm I.D.)
- Geometrically descending sizes to accommodate canal anatomy
- Simplistic 2 piece design
- Constructed using Titanium and Stainless Steel
- Cut-out window
- "Tilt Back" lumen feature
- Rapid Taper titanium screw wedge
- Color coded Silicone Grip
- Reverse Thread

### Benefits:

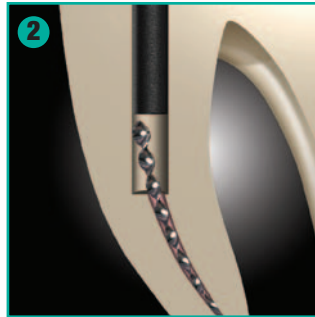
- "Tilt Back" lumen feature insures the obstruction will "peek" out the window
- Minimal obstruction exposure needed. (1mm to 1.5mm maximum)
- Reverse Thread assists in "unscrewing" wedged file segments
- Small handle design for unobstructed vision
- Knurled screw wedge handle for sure grip
- Strong instrument purchase
- May also be used as a carrier
- No glue needed



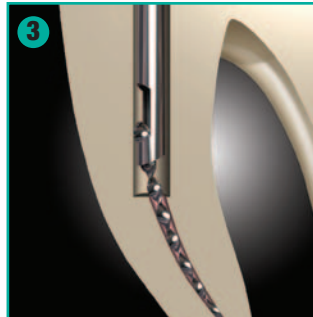
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## 6 Steps to Superior Removal...

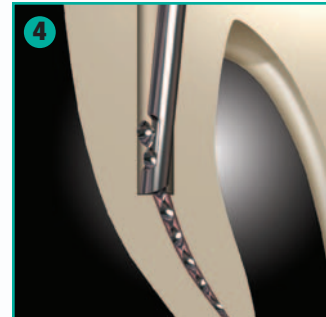
**1.** Create straight line access.



**2.** Expose 1mm to 1.5 mm of obstruction using a trephine (core drill) or ultrasonic instrument.



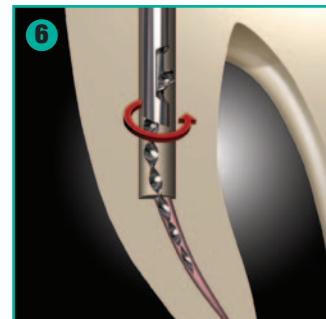
**3.** Place IRS superior edition assembly over the obstruction.



**4.** Slightly "Tilt Back" the lumen.

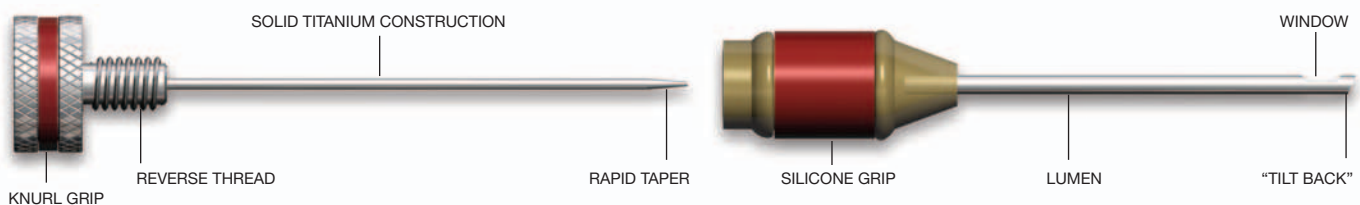


**5.** Engage the screw wedge by turning in a counter-clockwise direction until a firm grip is felt on the obstruction.



**6.** Twist assembly in a "to and fro" motion until the obstruction starts to give. Continue to rotate and lift in a counter-clockwise motion to remove obstruction.

### TUBE & HANDLE ASSEMBLY



COLOR CODE	INSIDE DIAMETER	OUTSIDE DIAMETER	TUBE LENGTH	OVERALL LENGTH
Yellow	.4 mm	.6 mm	20 mm	29 mm
Red	.6 mm	.8 mm	16 mm	25 mm
Black	.8 mm	1.0 mm	12 mm	21 mm
Green	1.3 mm	1.6 mm	12 mm	21 mm

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