

Start-X®

Achieve higher control and precision with ultrasonic inserts specifically designed for access cavity refinement and canal orifice location



A well prepared access cavity and location of canal openings are recognized as key factors to the success of endodontic treatments

The use of ultrasonic inserts is advised for these applications thanks to two main characteristics:

- A great working precision
- An incomparable view of the operative field

Dentsply Sirona Endodontics has therefore developed, together with Dr Berutti, Dr Cantatore and Dr Castellucci, a range of ultrasonic tips based on a simple concept:

ONE TIP - ONE CLINICAL INDICATION

Each tip has been designed for a specific indication and has the following main characteristics:

Micro milled active part

 Minimized risk of potential diamond grit loss in the patient's mouth

Water port

- Cools down the insert and avoids overheating of the treated tooth. This is particularly important when removing metal posts which usually require high energy
- The intermittent use of irrigation enables the clinician to alternate between dry precision work and debris evacuation

Excellent resistance to fracture

"According to my clinical experience, the Start-X® tips are one of the most fracture resistant ultrasonic inserts I have used"

Professor Elio Berutti

^{*}Individual clinical results may vary

One tip - one clinical indication



Start-X® 1

Application

- Access cavity wall refinement
- Non active tip
- Avoids accidentally damaging the pulp
 - chamber floor

Active lateral part

Creates a straight access to the canal





Start-X® 2

Application

- MB2 canal scouter (2nd canal mesio buccal root)
- Active tip
- Removes the dentine that often conceals the MB2 access in upper molars
- Active lateral part
- Creates a straight access to the canal





Start-X® 3

- **Application**
- Canal openings scouter
- Active tip
- Removes the obstructions that prevent a straight access to the canal





Start-X® 4

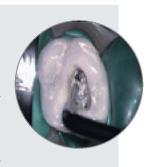
- **Application**
- Metal post removal
- **Specific design** Suitable for working efficiently both on the top and the sides of the metal post
- Water port
- Avoids over heating





Start-X® 5

- **Application**
- Reveals the original pulp chamber floor anatomy
- Active tip
- Canal orifice location made easier thanks to the removal of calcifications and filling materials that hide the original pulp chamber floor anatomy
- Thin and cylindrical tip
- Good visibility



Technical modifications on our products are not subject to notifications. Photos of our instruments are not contractual B EN STAX BRC 000 / 02 / 2017 - updated 01/2021

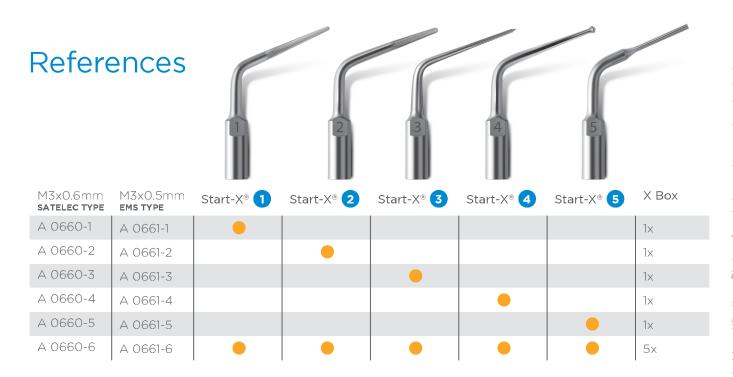
Power settings

In general, within the recommended guidelines, start with a lower power setting and only increase the power if necessary to safely accomplish the procedural task

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	Min	Max	Min	Max
Start-X® 1	16	18	8	9
Start-X® 2	16	18	8	9
Start-X® 3	10	18	4	7
Start-X® 4	18	20	9	10
Start-X® 5	7	18	3	8

Power settings for other ultrasonic units are available on Dentsply Sirona Endodontics website: www.dentsplymaillefer.com

- The power setting is adjusted depending on the specific clinical application
- The inserts have been designed to be exclusively used with a Piezo ultrasonic generator
- Technical specification/thread:



Available on Dentsply Sirona Endodontics website: www.dentsplymaillefer.com a video from Dr Berutti, Dr Cantatore and Dr Castellucci, illustrating the use of each Start-X* insert.



