

Sendoline[®]

PERFECT ENDO

SINGLE FILE SYSTEM FOR MODERN ENDODONTICS

SMART CONTRA-ANGLE HANDPIECE WITH
RECIPROCATING MOTION





MOVEMENT BY SWEDEN

The S1 System – reciprocating, smooth and flexible. Like a dance.



FIVE REASONS FOR CHOOSING THE S1 SYSTEM

New technology has simplified endodontics. And now we are making root canal treatment not only even more simple, but also more cost-effective. S1 is a single file system using a reciprocating motion – designed to facilitate daily work at your dental practice.

1. Smart contra-angle handpiece

The S1 contra-angle handpiece contains a unique, smart solution. An integrated gearbox creates reciprocating motion – the instrument rotates 180° clockwise and 30° anti-clockwise alternately. You simply connect the contra-angle handpiece straight to your dental unit with no need for an external motor.

2. Just one instrument

Because the S1 System is a single file system it has several advantages. Treatment is faster, so you can treat more patients. Because you only need one instrument, treatment is made easier for you and your dental team.

3. Practical packaging

The S1 instruments come in a sterile Treatment Pack which has been specially designed to meet today's hygiene standards.

4. The S-profile is extremely effective

The S1 System's reciprocating motion does justice to Sendoline's unique S-profile. The motion means the instruments' double cutting edges work extremely effectively in the root canal.

5. Less risk of instrument fractures

The combination of the instrument's reciprocating motion – that is, the alternating 180° clockwise and 30° anti-clockwise rotation – and the nickel titanium alloy's elasticity and flexibility minimize the risk of instrument fracture.



AN EXCEPTIONALLY SMART CONTRA-ANGLE HANDPIECE

The S1 contra-angle handpiece has a unique design, which makes it easy to use applying steady movements, for the best ergonomics.

The reciprocating motion in many of our competitors' products is created using an external motor, cord and foot pedal – an unnecessarily complicated procedure.

In contrast, the movement in the S1 contra-angle handpiece is generated by an integrated gearbox – a smart solution which allows you to connect the contra-angle handpiece directly to your dental unit. The motorless concept also means the S1 System is cost-effective and meets today's hygiene standards.

The contra-angle handpiece has been designed to make your work easier: the angle of the head is 90°, giving you more freedom in the area around the molars.

The contra-angle handpiece can be connected to an apex locator using the accompanying apex clip. You clean and sterilise the contra-angle handpiece just as you do other instruments.

During the reciprocating motion the instrument rotates 180° clockwise and 30° anti-clockwise alternately. This movement reduces the risk of instrument fracture.

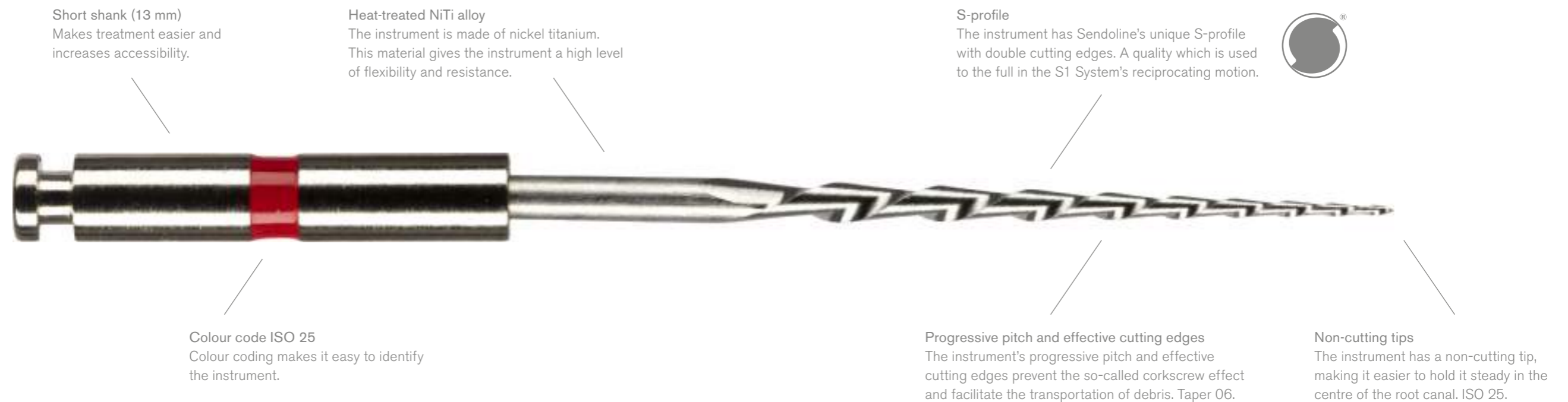
Easy connection to an apex locator with the S1 Apex Clip.

The contra-angle handpiece transfers the motor's energy from the dental unit to the instrument and converts the rotation into a reciprocating motion.

The reciprocating movement means that Sendoline's unique S-profile with double cutting edges can work to maximum effect in the root canal.



ONE INSTRUMENT – SIMPLER AND SAFER



As the name suggests, the S1 System allows you to carry out root canal treatment using one single mechanical instrument. Probing the canal and preparing a glide path is done using hand files. S1 Files have a .06 taper and are made of nickel titanium, an alloy which provides maximum elasticity and flexibility.

The instrument's performance in combination with the system's reciprocating motion minimizes the risk of instrument fracture. Each time the contra-angle handpiece rotates back, the tension

in the instrument is reduced; this is because the S-profile's double cutting edge works in a clockwise direction to 180° but releases when the instrument rotates 30° anti-clockwise.

The progressive pitch of the instrument enables efficient and increased debris removal.

The system, which consists of a mechanical instrument and hand files, comes in a sterile Treatment Pack.

THREE STEPS

HOW TO USE THE S1 SYSTEM

1. Locate the root canal using a hand file ISO size 10 and determine the working length. Always verify with an X-ray.
2. Create a glide path using a hand file ISO size 15.
3. Use the S1 Files Standard 25/06 with a pecking movement, applying light pressure apically until the determined working length is reached.

S1 Files Small 15/06 can be used as a complement when treating narrow canals. Use Sendoline's Big Apical Files for bigger apical cleansing work.



TREATMENT PACK

STERILE PACKED AND READY TO USE

To make things easier for the dental team the S1 System's instruments come in a sterile Treatment Pack which is sufficient for two root canal treatments.



S1 Files Treatment Pack
K-File 10 STERILE - 25 mm
K-File 15 STERILE - 25 mm
S1 Files Standard 25/06 - 23 mm
K-File 10 STERILE - 25 mm
K-File 15 STERILE - 25 mm
S1 Files Standard 25/06 - 23 mm

PRODUCT OVERVIEW

REF	Product description	Pieces
6542471	S1-E Contra Angle Handpiece for electric motor (40 000 rpm)	Complete set
6574136	S1-A Contra Angle Handpiece for air motor (20 000 rpm)	Complete set
6583566	S1 Apex Clip dia. 2.0 mm	1 pc/box
6583541	S1 Insulating Sleeve (for S1-E / S1-A)	5 pcs/box
S101BS	S1 Files Treatment Pack	6 pcs/box
S1232506BS	S1 Files Standard 25/06 - 23 mm	6 pcs/box
S1282506BS	S1 Files Standard 25/06 - 28 mm	6 pcs/box
S1231506BS	S1 Files Small 15/06 - 23 mm	6 pcs/box
S1281506BS	S1 Files Small 15/06 - 28 mm	6 pcs/box
3521010BS	K-File 10 STERILE - 21 mm	30 pcs/box
3525010BS	K-File 10 STERILE - 25 mm	30 pcs/box
3521015BS	K-File 15 STERILE - 21 mm	30 pcs/box
3525015BS	K-File 15 STERILE - 25 mm	30 pcs/box
44234035BS	Big Apical Files 35/04 STERILE - 23 mm	6 pcs/box
44284035BS	Big Apical Files 35/04 STERILE - 28 mm	6 pcs/box
44234045BS	Big Apical Files 45/04 STERILE - 23 mm	6 pcs/box
44284045BS	Big Apical Files 45/04 STERILE - 28 mm	6 pcs/box





S1  **LIKE A DANCE**

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