

SURGICAL INSTRUMENTS



bti.[®]

Human
Technology



Human Technology

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SCHWERT PERIOSTEAL ELEVATOR

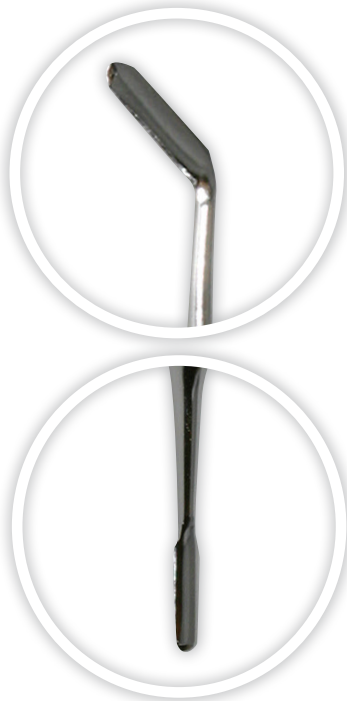
REF. PER1

Length:
16 cm

Designed for detaching periodontal ligaments and tissue accurately, especially for thin gingival biotypes. Very useful as a root elevator. Its blade is thin and suitably angled for working in both front and rear areas.



BLADE



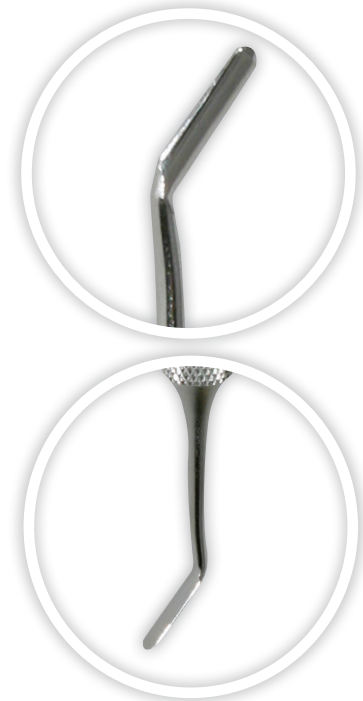
REF. PER2

Length:
16 cm

Designed for detaching tissue accurately, especially for thin thin gingival biotypes. Very useful as a root elevator.



BLADE



SCHWERT PERIOSTEAL ELEVATOR



REF. PER3

Especially for extracting roots.
Can be used with the hammer.

Length:
15 cm



BLADE



REF. PER4

Rasp for detaching tissue and
recovering the bone from the
drills.

Length:
16 cm



BLADE





SCHWERT PERIOSTEAL ELEVATOR

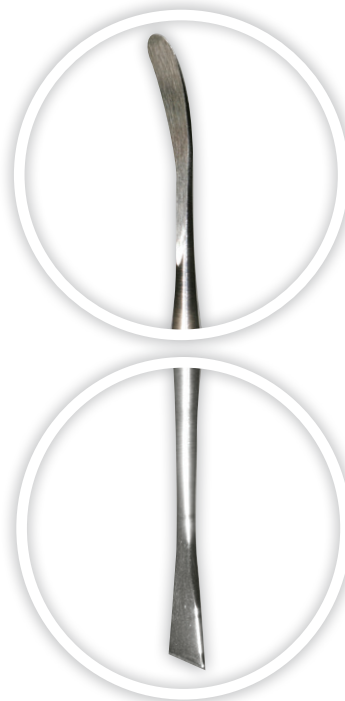
REF. **PER5**

This has a sharper blade.

Length:
17.5 cm



BLADE



SCHWERT PERIOSTEAL RASP



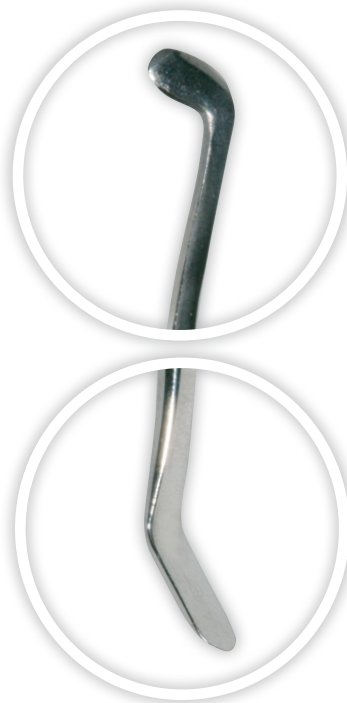
REF. **DPZ**

Length:
18 cm

Periosteal rasp with two blunt
tips with different angles, for
atraumatic retraction



BLADE





SCHWERT MOLT CURETTE

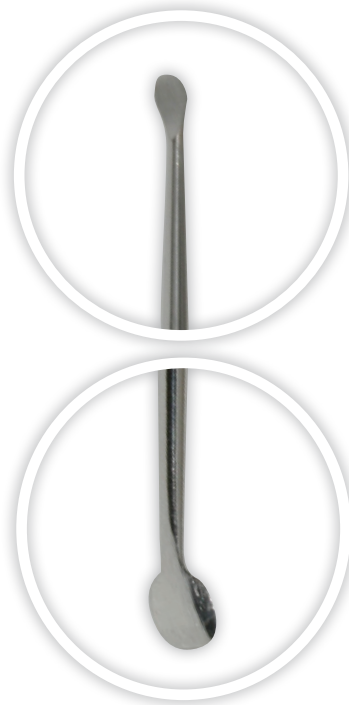
REF. **COM**

Length:
18.2 cm

Particularly indicated for rasping the cortical before placing a graft; also suitable for obtaining bone by scraping.



BLADE



SCHWERT PAPILLA ELEVATOR



REF. EPA

Length:
17 cm

Designed to detach tissue and the periosteum in microsurgery.

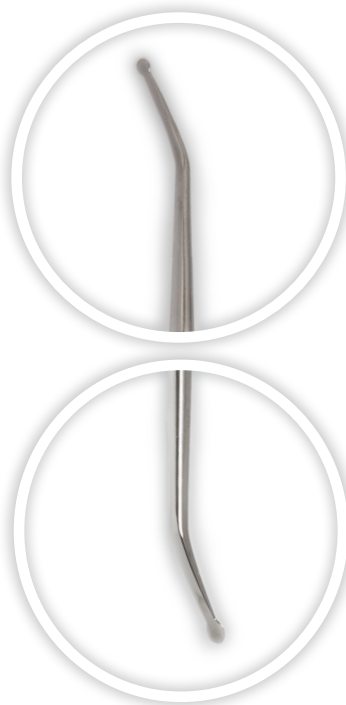
Useful for thin gingival biotypes.

In cases of connective graft tunnelisation, for detachment.

The two ends have blades with different diameters: 1.7 mm and 2.6 mm.



BLADE





SCHWERT MOSQUITO FORCEPS

REF. MQ

Length:
12.2 cm

Multi-function forceps with curved tips, essential for clamping blood vessels, removing small apices and gripping objects.



TIP

SCHWERT ADSON FORCEPS



REF. PDA

Length:
12.2 cm

Forceps with tungsten carbide tips that are used in surgery for holding, securing, bringing together or compressing tissues, with minimum trauma.



TIP





SCHWERT BAKEY DISSECTION FORCEPS

REF. PDB

Length:
14.5 cm

Atraumatic forceps with tungsten carbide tips, used in surgery to secure soft tissue firmly without causing any harm.



TIP



SCHWERT SURGICAL COMPASS



REF. **COQ**

Length:
9 cm

Precision instrument ideal for
measuring and transferring
intraoral distances.



TIP





SCHWERT PROBES

REF. SQR

Surgical probe designed to help with the preparation of the alveolus for the insertion of implants. It has an area for measuring the depth of the alveolus prepared with depth marks at 3, 5, 8.5, 10, 13 and 15 mm.

Its longitudinal body has a ruler for measuring up to 5.5 cm and a small square with a marked ruler to measure the distance between implants.



SCHWERT SCISSORS FOR MICROSURGERY



REF. T1

Length:
16.3 cm

Curved scissors indicated for removing stitches, especially in rear areas of the maxillae where access is more difficult.



BLADE



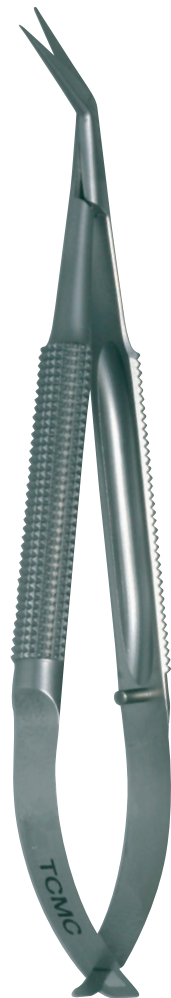


SCHWERT CURVED SCISSORS FOR MICROSURGERY

REF. TCMC

Length:
11.4 cm

Curved scissors indicated for removing stitches, especially in rear areas of the maxillae where access is more difficult.



BLADE



SCHWERT TISSUE SCISSORS



REF. T2

Length:
11.4 cm

Curved scissors for tissue, with one tungsten carbide blade, with a high cutting ability, and the other microserrated to secure the affected tissue accurately.



BLADE





SCHWERT LONG SCISSORS FOR SURGERY

REF. T3

Length:
14.5 cm

Curved scissors for tissue, with one tungsten carbide blade, with a high cutting ability, and the other microerrated to secure the affected tissue accurately.



BLADE



SCHWERT CASTROVIEJO NEEDLE HOLDER



REF. CAS

Length:
14 cm

Designed for sutures of 5-6 zeros.



BLADE





SCHWERT MIRROR HANDLE AND MIRRORS

REF. ME

Conventional mirror handle.

Length:
12 cm



Flat mirror with a diameter of 24 mm
/ unit of sale: 12 units.

REF. EP24



SCHWERT FARABEUF SEPARATOR



REF. **SEF**

Length:
11.5 cm

Double lip and tissue separator.
Two complementary units.





SCHWERT TISSUE SEPARATOR

REF. **SEP1**

Tissue separator.

Length:
17.7 cm



SCHWERT SINUS ELEVATION KIT



REF. **DMS1**

Length:
16.5 cm

Kit of sinus membrane rasps, with
different angles.

REF. **DMS2**

Length:
17.9 cm



BLADE



BLADE





SCHWERT SINUS ELEVATION KIT

REF. **DMS3**

Kit of sinus membrane rasps, with
different angles.

Length:
15.3 cm



BLADE



SCHWERT BONE COMPACTORS



REF. CH1

Length:
16.7 cm

Indicated for compacting bone around an implant post-extraction.



BLADE



REF. CH2

Length:
15.4 cm

Ideal for compacting bone in a traumatic sinus elevation.



BLADE





SCHWERT SINUS ELEVATION KIT

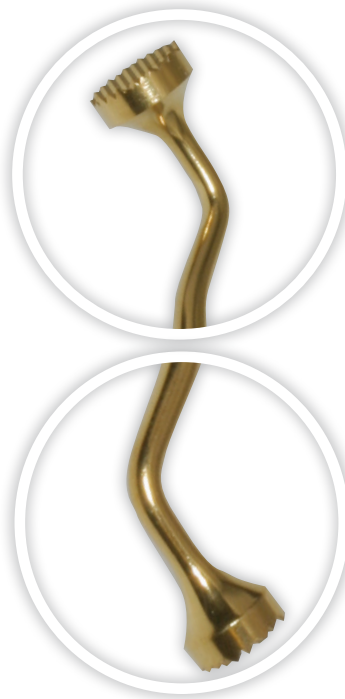
REF. CH3

Length:
15.6 cm

Ideal for compacting bone in a
traumatic sinus elevation.



BLADE



SCHWERT FIBRIN SHAPER



REF. CF1

Diameters:
4.5 and 5.1 cm

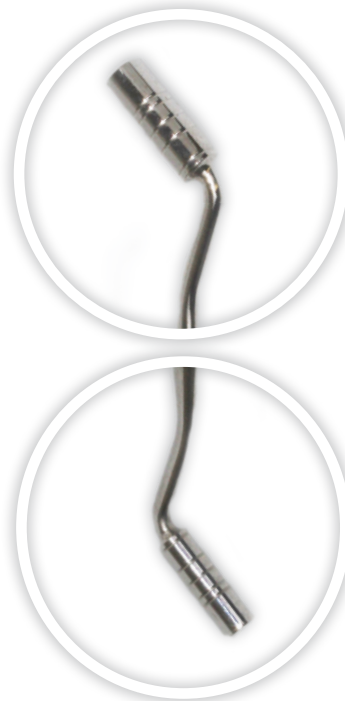
For pushing and compacting the fibrin by means of perforations carried out with the front cutting drills at the crestal accesses.

Diameter 4.5 and 5.1 mm.

Depth marks: 5, 6, 8, 10 and 13 mm.



BLADE





BTI EXPANDERS

They can be used jointly with the BTI drills.
When used with the motor with the CPI22HEX, they must not exceed a torque of 25 Ncm.
Material: commercially pure titanium.

INDICATIONS

Crest expansion in bone type I, II and III. In both anterior and posterior areas in the superior maxilla or mandible. Bone compactation for placing implants in bone type IV in posterior areas of the maxilla or mandible.

REF. **ECO1**



REF. **ECO2**



REF. **ECO3**



REF. **ECO4**



BTI COMPACTORS



The short compactors are specifically for the treatment of posterior areas of the upper maxilla and they are specially designed for patients with a limited oral opening.

They have depth marks at 3 - 5.5 - 6.5 - 8.5 - 10 and 11.5

REF. **COMP1**



REF. **COMP2**



REF. **COMP3**



REF. **COMP4**





KIT OF EXPANDERS BTI COMPACTORS

Set of
Expanders and
compactors

REF. **KEXCO**

This consists of the long expanders
and the four short compactors,
with which all expansion and
compaction can be resolved for
all types of patients.



SCHWERT FORCEPS FOR BLOCK GRAFTS ANGLED



REF. PIBC

Length:
18.3 cm

Angled forceps for maintaining and screw-mounting the block graft in the inferior maxilla.





SCHWERT GRACEY RASPS

REF. CG5

Length:
17.4 cm

The rasps can be used for scaling, debriding and root planing. Specific for certain areas of the dental arch. Only the cutting edge of each blade is used, which has a cutting angle of 70°. The blade is curved on two planes and its design allows improved adaptation to the root surface.

REF. CG7

Length:
17 cm

NOMENCLATURE

- 1 - 2, 3 - 4 Front teeth
- 5 - 6 Front teeth and premolars
- 7 - 8, 9 - 10 Free faces of rear teeth
- 11 - 12 Mesial faces of rear teeth
- 13 - 14 Distal faces of front teeth
- 15 - 16 Modification of the rasp 11-12, for the mesial of rear teeth
- 17 - 18 Modification of the rasp 13-14, the neck is 3 mm longer with a more marked angle



BLADE

BLADE



SCHWERT GRACEY RASPS



REF. CG11

Length:
17 cm

The rasps can be used for scaling, debriding and root planing. Specific for certain areas of the dental arch. Only the cutting edge of each blade is used, which has a cutting angle of 70°. The blade is curved on two planes and its design allows improved adaptation to the root surface.

REF. CG13

Length:
17 cm

NOMENCLATURE

- 1 - 2, 3 - 4 Front teeth
- 5 - 6 Front teeth and premolars
- 7 - 8, 9 - 10 Free faces of rear teeth
- 11 - 12 Mesial faces of rear teeth
- 13 - 14 Distal faces of front teeth
- 15 - 16 Modification of the rasp 11-12, for the mesial of rear teeth
- 17 - 18 Modification of the rasp 13-14, the neck is 3 mm longer with a more marked angle



BLADE



BLADE

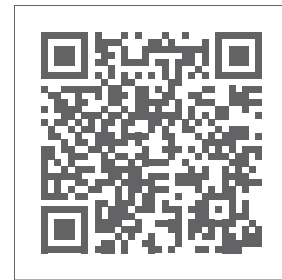




CLEANING AND STERILISATION PROCEDURE

of bti expanders, compactors
and surgical instruments

To perform the cleaning, disinfection and sterilisation procedure of BTI expanders and compactors and BTI surgical instruments, it is recommended to follow the guidelines indicated in **CAT246 GUIDE FOR CLEANING, DISINFECTION AND STERILISATION.**



<https://ifu.bti-biotechnologyinstitute.com/eCAT246>





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NOTE: consult your distributor for the availability of the product in the different markets.