



product catalog

SURGICAL

IMPLANT

PERIODONTAL

CROWN & BRIDGE

DIAGNOSTIC

OPERATIVE

SUTURES



evolution doesn't imitate... it innovates



**Worldwide Leader in
Innovative Instrumentation**

A.Titan Instruments, 97 Main St., Hamburg NY 14075
716-648-9272 • 1-877-284-8261 • www.ATitan.com



Located in Hamburg, New York, A.Titan provides high-quality dental and surgical instruments with a commitment to continually develop it's leading edge instrumentation.

Quality is our focus, and it is achieved through concept, commitment, research and development. Please call a customer representative for more information today!

Surgical

Implant

Periodontal

**Crown &
Bridge**

Diagnostic

Operative

Sutures

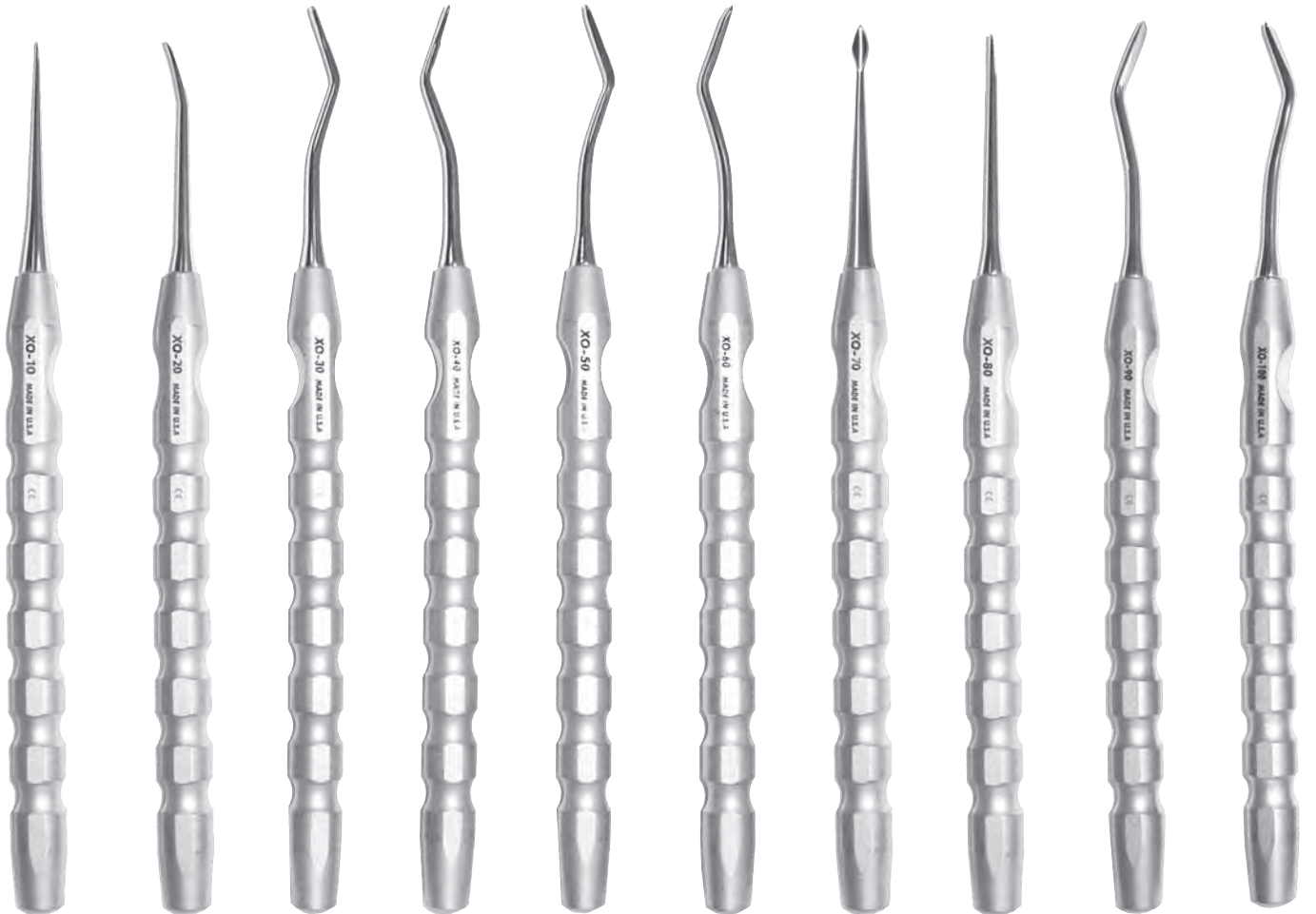


www.ATitan.com

TF: 1-877-A-TITAN-1 (1-877-284-8261)

X-OTOMES[®]

ATRAUMATIC EXTRACTIONS



XO-10
Straight
Small
Extra Fine

XO-20
Curved
Small
Extra Fine

XO-30
Angled
Mesial
Extra Fine

XO-40
Angled
Distal
Extra Fine

XO-50
Angled
Medium
Mesial

XO-60
Angled
Medium
Distal

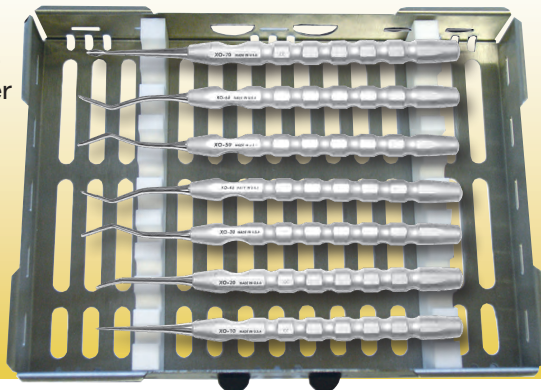
XO-70
Straight
Universal

XO-80
Small
Straight

XO-90
Large
Mesial

XO-100
Large
Distal

- Hybrid instrumentation, cross between an Elevator & Periotome.
- Custom sure grip handle for power transfer during extraction.
- Honed narrow tips to sever periodontal fibers.
- Preserve tissue structures.
- Eliminate bone fracture.
- 100% stainless-steel.
- Made in the U.S.A.

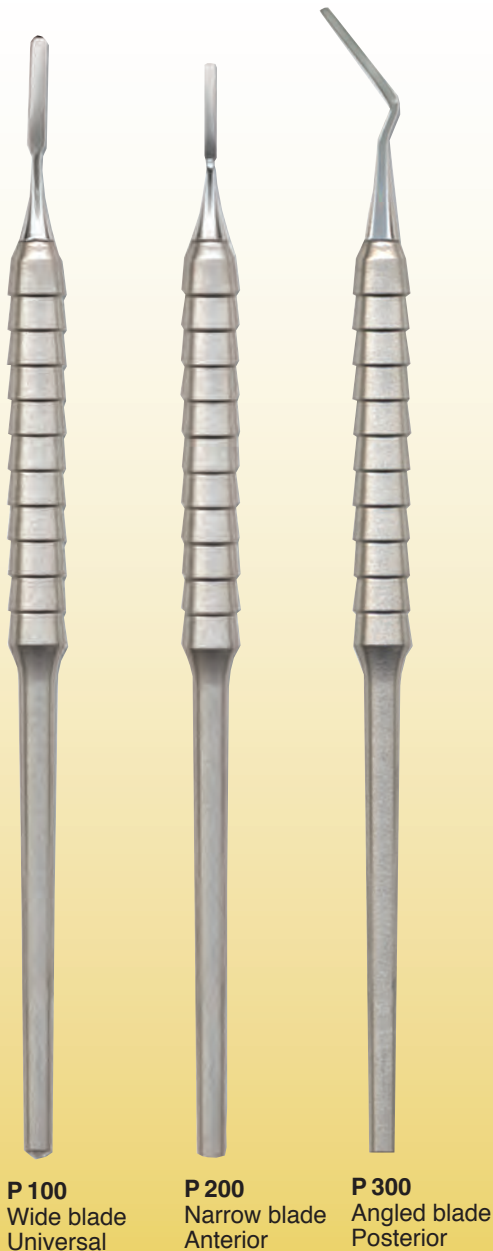


X-OTOMES[®] KIT

#K6600.

Includes:

- **XO-10 • XO-20 • XO-30**
- **XO-40 • XO-50 • XO-60**
- **XO-70**
- **Sterilization Tray T-10**



#K6000.
Fixed Tip Periostome Kit
Includes #P-100, #P-200 and #P-300



#K6100.
Interchangeable Periostome Kit
Includes #P0, #P1, #P2 and #P3

Slide the blade of your choice along the tooth inserting it into the periodontal ligament. With an up and down motion move the blade around the tooth successfully severing the periodontal ligament. This creates space around the tooth preparing the site for a simple occlusal extraction, eliminating a full surgical procedure.

- Available individually and in 2 styles or kits
- 4 different blade shapes for all areas of the mouth
- Blades are all slightly rounded on the end and paper thin
- Slide easily below the gumline
- 100% Stainless Steel

X-TRAC® Forceps

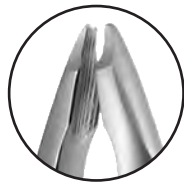
A T R A U M A T I C E X T R A C T I O N

Unique Beak Designs:

- Preserve Bone
- Provide an Exceptional Grip of the Tooth



#0700.
Upper Universal
Forceps



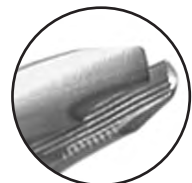
#3400.
Upper Anterior
Forceps-notched



#3600.
Lower Anterior
Forceps-notched



#3500.
Upper Universal
Forceps-notched



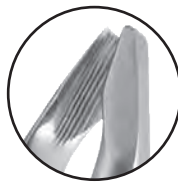
#2190.
Lower Universal
Forceps-notched

X-TRAC® Forceps

A T R A U M A T I C E X T R A C T I O N



#3608.
Lower
Anterior
Forceps



#3508.
Upper
Universal
Forceps



#7990.
Lower
Universal
Forceps



#1700.
Upper Molar
Left Forceps



#1800.
Upper Molar
Right Forceps

Exclusive Handle Designs:

- Make Forceps 25% Lighter
- Offer Greater Ergonomic Comfort
- Provide Increased Tactile Sensitivity

X-TRAC[®] Forceps

A T R A U M A T I C E X T R A C T I O N



#2300.
Lower
Cowhorn
Forceps



#6701.
Upper
3rd Molar
Forceps



#6717.
3-Prong
Upper Left
Molar Forceps



#6718.
3-Prong
Upper Right
Molar Forceps



#7301.
Lower
Molar
Forceps



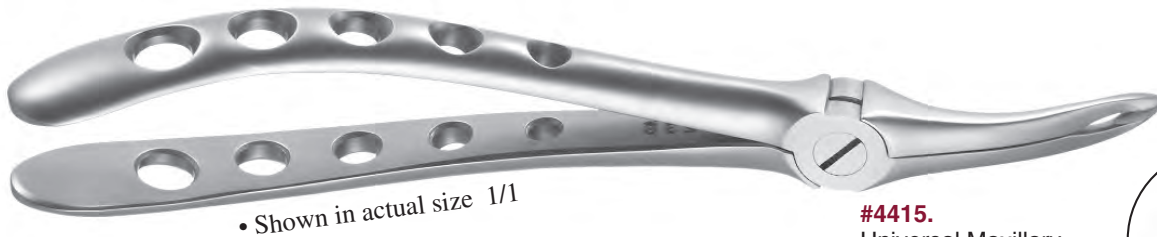
#7900.
Lower
3rd Molar
Forceps

X-TRAC® Root Forceps

A T R A U M A T I C E X T R A C T I O N

Exclusive Handle Designs:

- Make Forceps 25% Lighter
- Offer Greater Ergonomic Comfort
- Provide Increased Tactile Sensitivity



• Shown in actual size 1/1

#4415.
Universal Maxillary
Root Forceps



#5115.
Upper
Root
Forceps



#4515
Lower
Root Tip
Forceps



#5197.
Upper Narrow
Root Fragment



#4507.
Lower Narrow
Root Fragment

Root Tip KIT

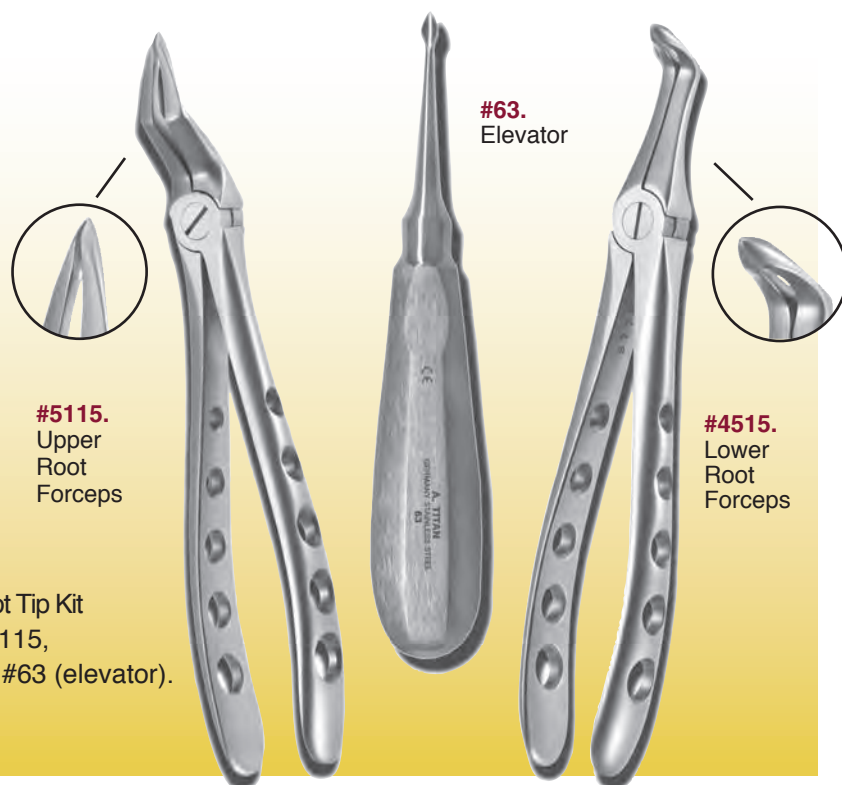
This kit will allow you to complete all extractions in all areas of the mouth with minimal bone loss.

Specifically used to retrieve all broken roots and root fragments, the elevator and forceps have the same unique tip design enabling the practitioner to work efficiently and confidently during all types of extractions.

The sharp thin elevator is used to separate the tissue to create space between the bone and root. Apply directly to the root or root fragment without a surgical procedure. Slide below the gum line, utilizing the space created by the elevator.

Excellent purchase completely surrounding the root or root fragment is accomplished.

#K4000. Root Tip Kit
Includes #5115,
#4515, and #63 (elevator).



Essential X-TRAC® Kit



#3500
Upper Universal
X-TRAC® Forceps-notched



#2190
Lower Universal
X-TRAC® Forceps-notched



#5115
Upper Root Tip
X-TRAC® Forceps



#4515
Lower Root Tip
X-TRAC® Forceps



**Periotome Fixed-Tip
#P-200.**
NARROW blade-
Anterior



**Periotome Fixed-Tip
#P-300.**
ANGLED blade-
Posterior



**X-OTOMES
#XO-70.**
STRAIGHT Spade Tip-
Universal

#K4200. Essential X-Trac® Kit
Includes #3500, #2190, #5115, #4515, #XO-70,
#P-200, #P-300 and sterilization Tray 20.





A.Titan's
New-Standard
Extraction Forceps:

- Best-value forceps on the market
- German-made
- 100% stainless steel
- Hand-crafted and quality assured
- "Standard" priced!



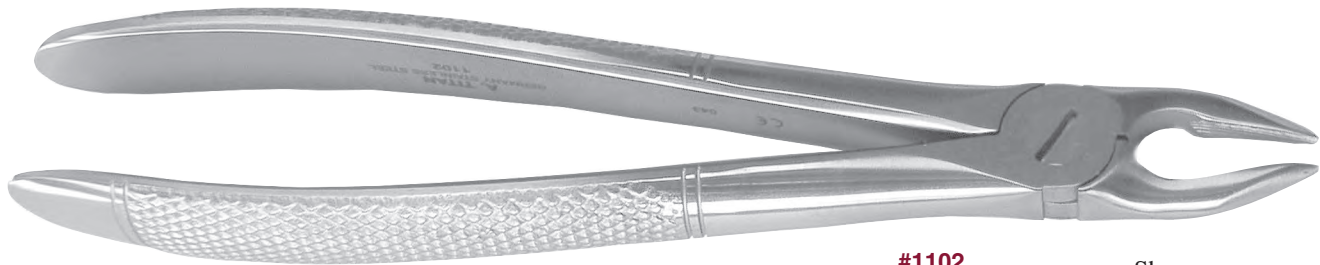
#1.
Standard
Forceps



#150.
Upper Universal
Forceps



#151.
Lower Universal
Forceps



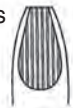
#1102.
Upper Anterior
Forceps

Shown
in actual
size 1/1

- Serrated beaks to enhance forceps performance
- Tapered beaks slide below the gum line giving an excellent purchase on the crown and root while causing less trauma.



#1174.
Lower Anterior
Forceps



#1174XN.
Lower Anterior
Forceps, narrow



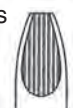
#1107.
Upper Universal
Forceps



#1107N.
Upper Universal
Forceps, narrow



#1274.
Lower Universal
Forceps



#1274N.
Lower Universal
Forceps, narrow



- Designed to accommodate young patients
- German-made
- 100% Stainless Steel



A.Titan's
New-Standard
Extraction Forceps:

- Best-value forceps on the market
- German-made
- 100% stainless steel
- Hand-crafted and quality assured
- "Standard" priced!



#150SK.
Upper Universal
Pedo Forceps



#151SK.
Lower Universal
Pedo Forceps

#150AS.
Upper
Universal
Pedo
Forceps



#151AS.
Lower
Universal
Pedo
Forceps



#150S.
Upper
Universal
Pedo
Forceps



#151S.
Lower
Universal
Pedo
Forceps





- German-made
- 100% stainless steel
- Lifetime Guarantee

#63.
Spade tip straight

- Shown in actual size 1/1



Bone Preservation Elevators

- Minimize bone loss.
- Create space between the bone and root for all atraumatic extractions.
- Thin sharp tip of the elevator slides between the bone and the root creating space without removing any bone.
- Fast and easy removal of roots and fragments without a surgical procedure.

#K5000. Bone Preservation Elevator Kit
Includes: #63, #60B, #60R and #60L



#63.
Spade tip straight



#60B.
Spade tip, angled



#60R.
Spade tip, Right molar



#60L.
Spade tip, Left molar



#60U.
Spade tip, back action



#K3000. Molar Elevator Kit
Includes: only #60R and #60L



#301.
Small,
straight



#304.
Medium,
straight



#80.
Small,
straight



#Omega.
Root Elevator

- German-made
- 100% stainless steel
- Lifetime Guarantee



#61.
Curved,
thin



#34s Thin.
Large,
straight



#34s.
Large,
straight



#34.
Large,
straight



**#300
Cameron.**
• Shown in
actual size 1/1

#1L.
Large
Left



#1R.
Large
Right



LARGE

#27.
Medium
Left



#28.
Medium
Right



MEDIUM

#27S.
Small
Left



#28S.
Small
Right



SMALL



#Twist 3.
Left



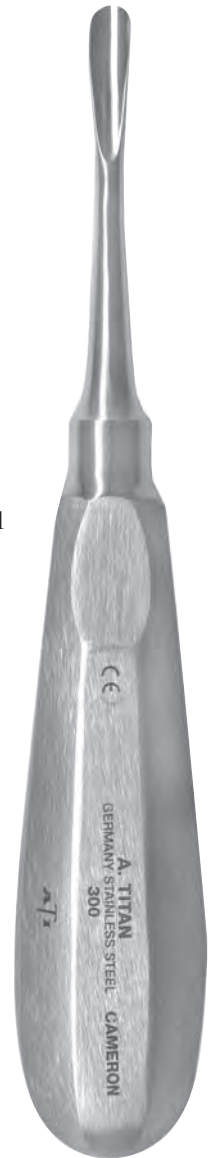
#Twist 4.
Right



#46R.
Angled,
serrated
molar region



#77R.
Angled,
molar
region



• Sold as a Set



#AS-3N.
Narrow,
angled left



#AS-2N.
Narrow,
angled right

• Shown
actual size
1/1



#AS-1.
Straight



#AS-1N.
Narrow, straight



#AS-2.
Angled right



#AS-3.
Angled left



#792-1.
Double ended
root pick - smooth



#792-4.
Double ended
serrated



#792-6.
Double ended
serrated wide



#69R.
Right
Suction
Tube



#69L.
Left
Suction
Tube

Suction Tube Elevators

Create space between the bone and root,
while clearing saliva and blood to create
a clear view of the root you're removing.





#Weider 1.
Small

#Weider 2.
Large



#437.
Minnesota
Cheek Retractor



#1115-11.
Child
Mouth Prop



#1115-14.
Adult
Mouth Prop



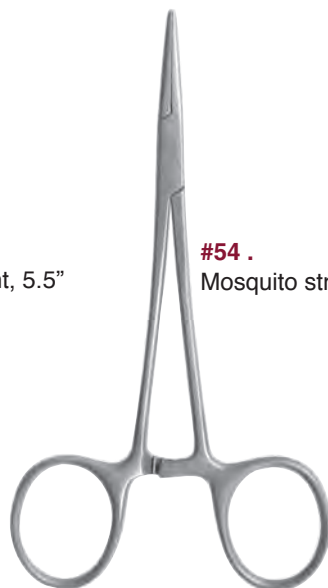
#Bite Blocks

Set of 2

Available in
Small, Medium and Large
(Medium shown)



#98 .
Kelly straight, 5.5"



#54 .
Mosquito straight, 4.75"



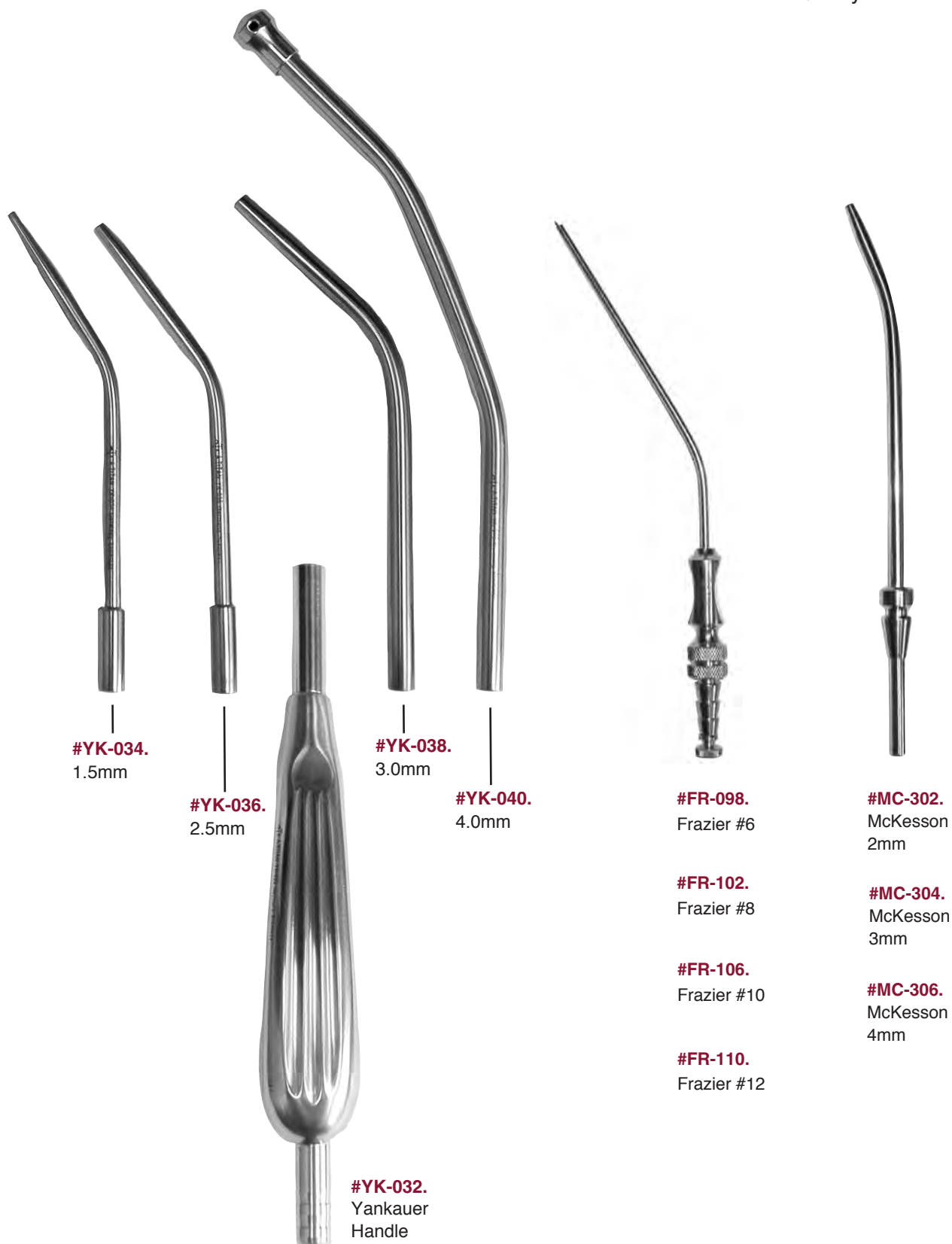
#55 .
Mosquito curved, 4.75"



#99 .
Kelly curved, 5.5"

- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany

- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany



SURGICAL

PERIOSTEAL ELEVATORS



#P3.
Pritchard



#G24.
cutting
edge



#902-45.
elevator



#23D.
Seldin,
thin flat
handle



#BUSER.



#Molt 9.
double
ended



#862.12

2.5mm



#864.13

2.6mm



#422.



#427.



4.0mm



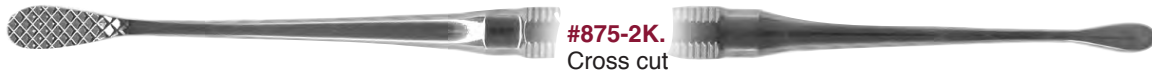
2.6mm



BONE FILES

SURGICAL

• Shown in actual size 1/1



#875-2.
Single cut



#BF 1.
Miller SC
Carbide



#BF 2.
Miller SC
Carbide



• Carbide Tip

• Carbide Tip

SCALPEL HANDLES

SURGICAL



#3.
Handle



#2008.
Angled
Titan
handle



#2006.
Straight
Titan
handle



#2015.
Double Blade
1.5 mm



#2020.
Double Blade
2.0 mm



#488-6.
Russian
Forceps



#480.
Semkin



#481.
Semkin
Micro 1x2 teeth



#050.17
Straight 7"
Micro 1x2 teeth



#051.17
Straight 7"
Tung-Carbide Tips
Micro with teeth



#052.17
Straight 7"
Tung-Carbide Tips
Micro



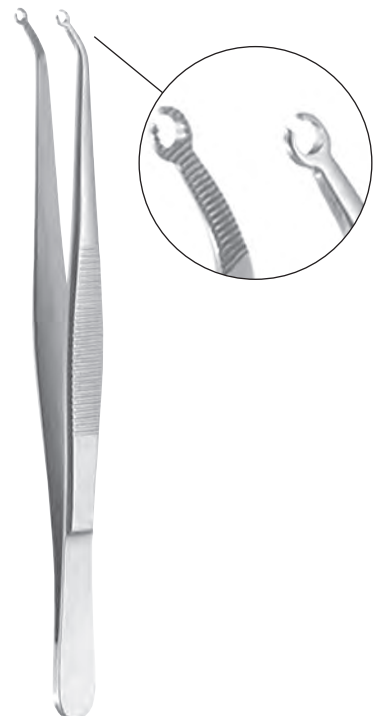
#485.
Adson
Serrated



#486.
Adson
1 x 2 teeth



#TF2.
Adson
Tung-Carbide tips



#106.
Tissue Forceps
w/loop for suturing.
90° angle holds tissue
flaps and suture

BONE CURETTES

SURGICAL



#Miller 10.



#Lucas 86.



#Lucas 87.



#Miller 11.



#Miller 12.



#Lucas 85.



BONE RONGEURS

SURGICAL

- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany



#300.
Blumenthal
30°, 5.5"



#300A.
Blumenthal
90°, 5.5"



#310
Friedman
5.25"

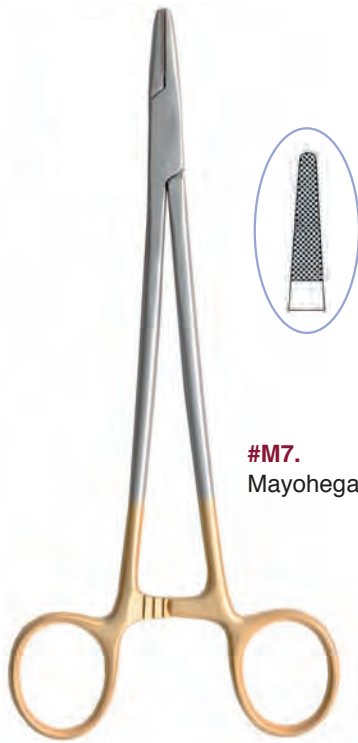


#310M
Friedman
Micro 6"

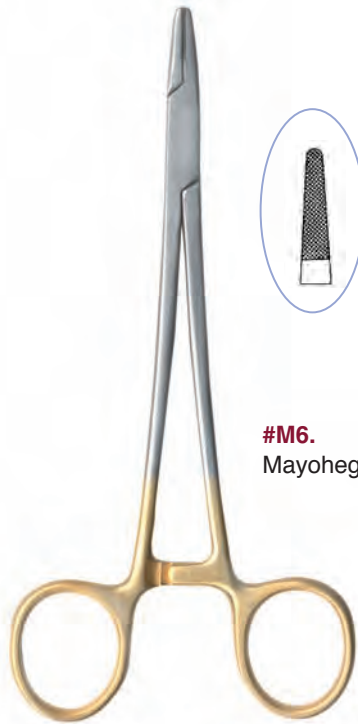


#3571
Kerrison

- Tungsten-Carbide Tips
- Fully Autoclavable
- German-made
- 100% stainless steel



#M7.
Mayohegar 7"



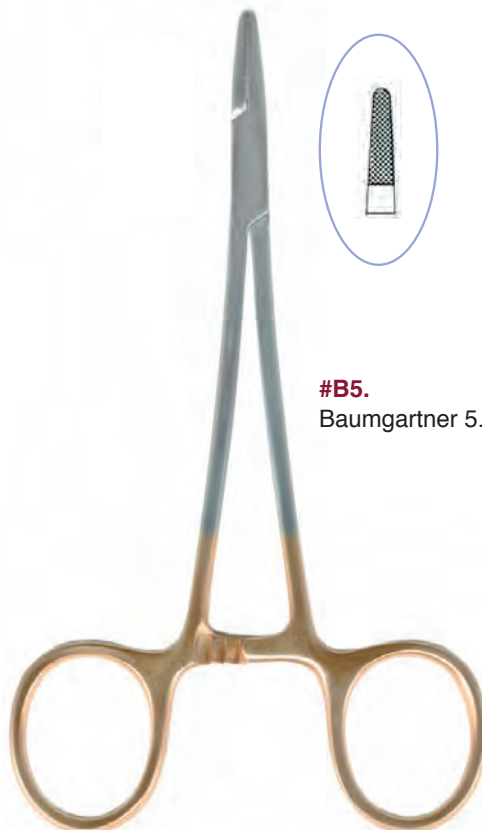
#M6.
Mayohegar 6"



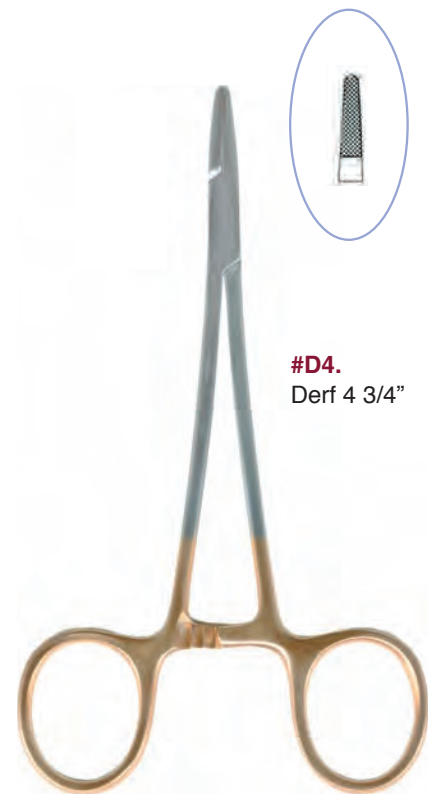
#Micro 6C.
Micro 6"



#C6C.
Crilewood 6"



#B5.
Baumgartner 5.5"



#D4.
Derf 4 3/4"

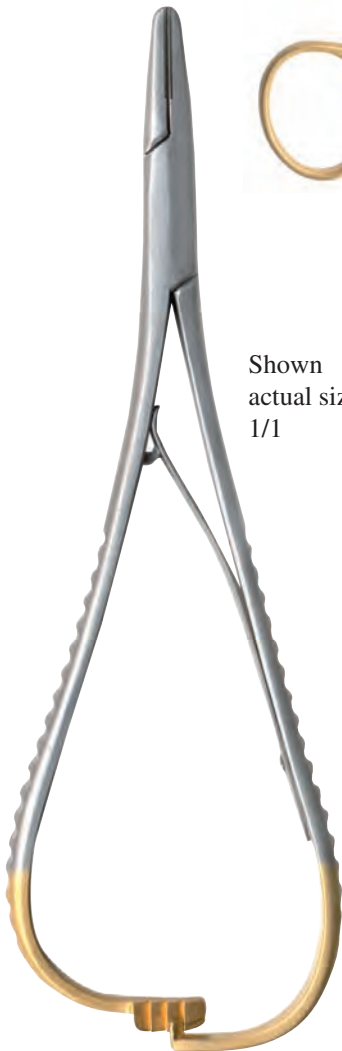
- Tungsten-Carbide Tips
- Fully Autoclavable
- German-made
- 100% stainless steel



#06C.
Olsen-Hegar 6.25"



#05C.
Olsen-Hegar 5.5"



Shown
actual size
1/1

#MA14C. Mathieu 5.5"



Shown
actual size
1/1

#MR17C. Mathieu

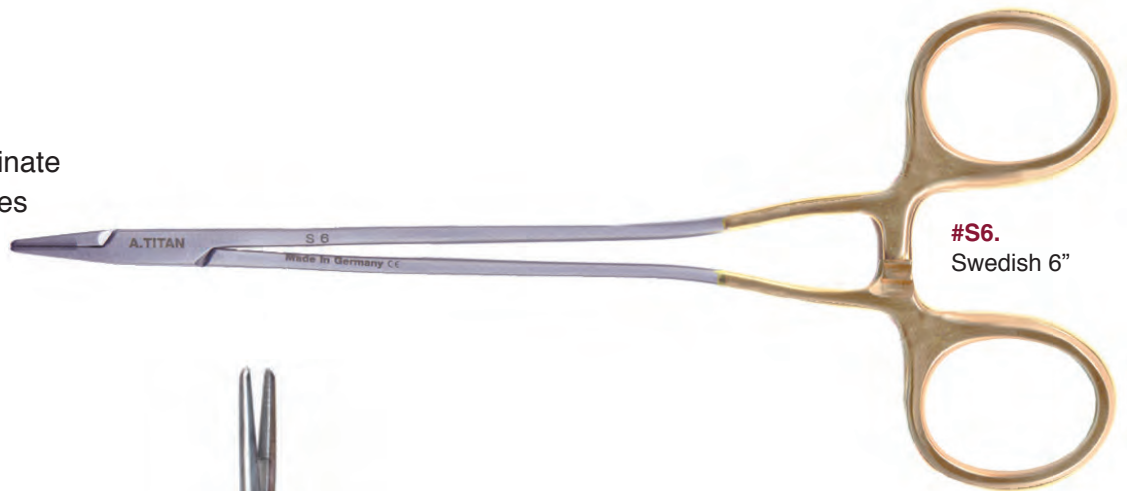


Shown
actual size
1/1

#340TC. Boynton 4.75"



- Tung-Carb Tips eliminate the rotation of needles when suturing!
- Improved durability
- Beveled edges



#S6.
Swedish 6"

#188TC-LONG.
Flat handle 7"
Castro Viejo

Shown
actual size 1/1



#187TC.
Round handle 5.5"
Castro Viejo

Shown
actual size 1/1



#187TC-CURVED.
Round handle 5.5"
Castro Viejo



#188TC.
Flat handle 5.5"
Castro Viejo



#187TC-LONG.
Round handle 7"
Castro Viejo



#188TC-CURVED.
Flat handle 5.5"
Castro Viejo
with curved beaks



One blade is serrated to provide a smooth cut and stay sharper longer.

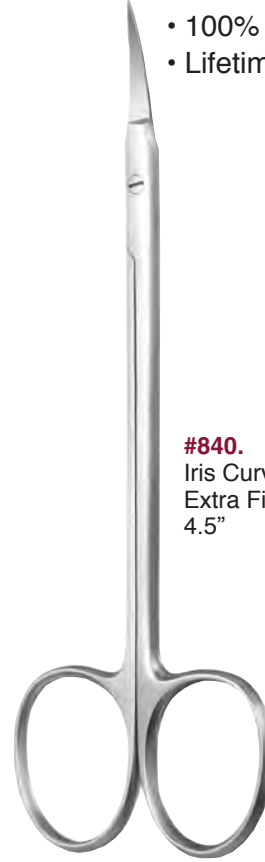
- Fully Autoclavable
- German-made
- 100% stainless steel
- Lifetime Guarantee



#865SC.
Iris Curved,
4.5"



#840SC.
Iris Curved,
Extra Fine
4.5"



#840.
Iris Curved,
Extra Fine
4.5"



#865.
Iris Curved,
4.5"



#8111C.
Iris Curved,
Carbide tip
4.5"



#8110C.
Iris Straight,
Carbide tip
4.5"



#869SC.
Iris straight,
4.5"



#869.
Iris straight,
4.5"

- Fully Autoclavable
- German-made
- 100% stainless steel
- Lifetime Guarantee



#808.
Goldman Fox
Serrated,
5"



#707.
Curved
Castro Viejo
Tissue Scissor,
4.75"



#877.
Curved
LaGrange,
4.5"



#877SC.
LaGrange,
4.5"



#2707.
Curved Micro
Castro Viejo
Tissue Scissor,
serrated,
6"

- Fully Autoclavable
- German-made
- 100% stainless steel
- Lifetime Guarantee

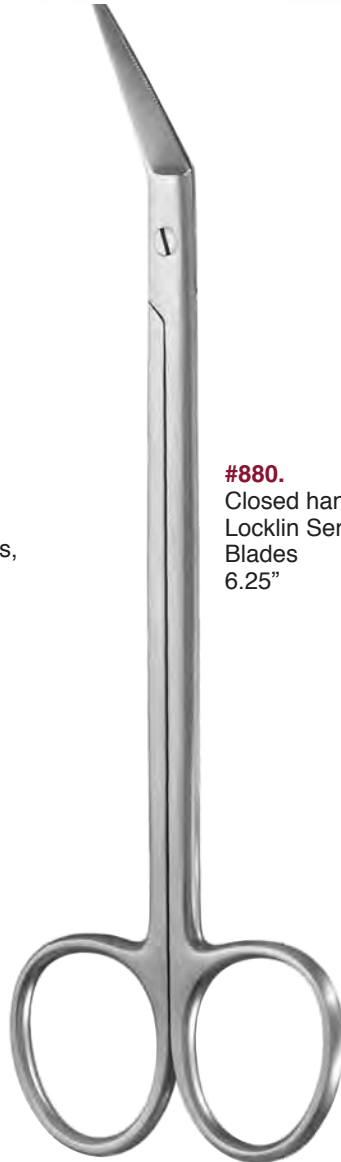
#818.
Metzenbaum



#882.
Open handle
Locklin
Serrated Blades,
6.25"



#880.
Closed handle
Locklin Serrated
Blades
6.25"



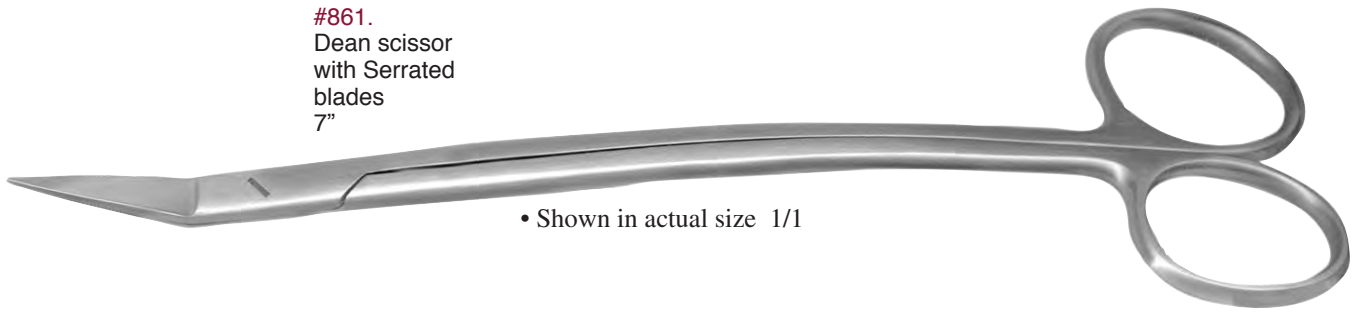
#899.
Straight
suture scissor
with Loop Suture
6"



#809.
Curved
suture scissor
with Loop
Suture
4.5"



#861.
Dean scissor
with Serrated
blades
7"



• Shown in actual size 1/1

#378.
Crown & Bridge
4"



#859.
Curved Kelly
Serrated Blade
6.25"



#878.
Crown & Bridge
4.5"



#8546C.
General
Office





A. TITAN RAZOR SHARP SUTURES

Advanced Razor Sharp Sutures | Features Include :

- Smooth polished easy glide surface.
- Stainless Steel needles eliminate flex and fracture.
- Superior suture material for advanced wound closure.



NON-ABSORBABLE

A. TITAN SUTURE CODE	NEEDLE CODE	NEEDLE DESCRIPTION	MATERIAL	SUTURE LENGTH	SUTURE SIZE
ATI-1-18-6PPN	C-1	3/8 Circle 11mm	POLYPROPYLENE	18"	6-0
ATI-1-18-7PPN	C-1	3/8 Circle 11mm	POLYPROPYLENE	18"	7-0
ATI-3-18-5PPN	C-3	3/8 Circle 13mm	POLYPROPYLENE	18"	5-0
ATI-3-18-6PPN	C-3	3/8 Circle 13mm	POLYPROPYLENE	18"	6-0
ATI-6-18-3BBS	C-6	3/8 Circle 19mm	BLACK BRAIDED SILK	18"	3-0
ATI-6-18-4BBS	C-6	3/8 Circle 19mm	BLACK BRAIDED SILK	18"	4-0
ATI-9-18-3BBS	C-9	1/2 Circle 23mm	BLACK BRAIDED SILK	18"	3-0



ABSORBABLE

A. TITAN SUTURE CODE	NEEDLE CODE	NEEDLE DESCRIPTION	MATERIAL	SUTURE LENGTH	SUTURE SIZE
ATI-3-18-4CG	C-3	3/8 Circle 13mm	CHROMIC GUT	18"	4-0
ATI-3-18-5PG	C-3	3/8 Circle 13mm	PLAIN GUT	18"	5-0
ATI-3-18-5CG	C-3	3/8 Circle 13mm	CHROMIC GUT	18"	5-0
ATI-6-27-3CG	C-6	3/8 Circle 19mm	CHROMIC GUT	27"	3-0
ATI-6-27-3PG	C-6	3/8 Circle 19mm	PLAIN GUT	27"	3-0
ATI-6-27-4CG	C-6	3/8 Circle 19mm	CHROMIC GUT	27"	4-0
ATI-6-18-4PG	C-6	3/8 Circle 19mm	PLAIN GUT	18"	4-0
ATI-6-27-4PG	C-6	3/8 Circle 19mm	PLAIN GUT	27"	4-0
ATI-7-27-3PG	C-7	3/8 Circle 24mm	PLAIN GUT	27"	3-0
ATI-9-18-3PG	C-9	1/2 Circle 23mm	PLAIN GUT	18"	3-0
ATI-7-27-2PG	C-7	3/8 Circle 24mm	PLAIN GUT	27"	2-0

C-1
11mm



C-3
13mm



C-6
19mm



C-9
23mm



C-7
24mm



Chromic Gut

- Extended absorption time 90 days
- Tensile strength retained for 14-21 days
- 300 Series stainless steel needles
eliminate needle flex, increasing ductile strength
- Honed/smooth polished finish on needles
for smooth operation
- Resists body enzymes
- Packaged sterile 12 per package

Plain Gut

- Extended absorption time 70 days
- Tensile strength retained for 10 days
- 300 Series stainless steel needles
eliminate needle flex, increasing ductile strength
- Honed/smooth polished finish on needles
for smooth operation
- Resists body enzymes
- Packaged sterile 12 per package

Polypropylene

- Non-absorbable
- Synthetic blue superior strength polyolefin
- No tensile strength loss over time
- Reduces inflammation with tissue
- 300 Series stainless steel needles
eliminate needle flex, increasing ductile strength
- Honed/smooth polished finish on needles
for smooth operation
- Packaged sterile 12 per package

Black Braided Silk

- Non-absorbable
- Minimal tissue inflammation
- 300 Series stainless steel needles
eliminate needle flex, increasing ductile strength
- Honed/smooth polished finish on needles
for smooth operation
- Packaged sterile 12 per package

NON-ABSORBABLE

A. TITAN SUTURE CODE	J&J SUTURE CODE	HU FRIEDY SUTURE CODE	NEEDLE CODE	SUTURE SIZE	MATERIAL	SUTURE LENGTH
ATI-1-18-6PPN	8697G	PSN8697P	C-1/P1	6-0	POLYPROPYLENE	18"
ATI-1-18-7PPN	N/A	PSN8696P	C-1/P1	7-0	POLYPROPYLENE	18"
ATI-3-18-5PPN	N/A	PSN8698P	C-3/P3	5-0	POLYPROPYLENE	18"
ATI-3-18-6PPN	N/A	PSN8695P	C-3/P3	6-0	POLYPROPYLENE	18"
ATI-6-18-3BBS	N/A	PSN7772S	C-6/FS2	3-0	BLACK BRAIDED SILK	18"
ATI-6-18-4BBS	683G	PSN683S	C-6/FS2	4-0	BLACK BRAIDED SILK	18"
ATI-9-18-3BBS	632G	PSN632S	C-9/X1	3-0	BLACK BRAIDED SILK	18"

ABSORBABLE

A. TITAN SUTURE CODE	J&J SUTURE CODE	HU FRIEDY SUTURE CODE	NEEDLE CODE	SUTURE SIZE	MATERIAL	SUTURE LENGTH
ATI-3-18-4CG	1654G	PSN1654C	C-3/P1	4-0	CHROMIC GUT	18"
ATI-3-18-5PG	686G	PSN686A	C-3/P1	5-0	PLAIN GUT	18"
ATI-3-18-5CG	687G	PSN687C	C-3/P1	5-0	CHROMIC GUT	18"
ATI-6-27-3CG	636H	PSN636C	C-6/FS2	3-0	CHROMIC GUT	27"
ATI-6-27-3PG	H822H	PSN822A	C-6/FS2	3-0	PLAIN GUT	27"
ATI-6-27-4CG	635H	PSN635C	C-6/FS2	4-0	CHROMIC GUT	27"
ATI-6-18-4PG	N/A	PSN7771A	C-6/FS2	4-0	PLAIN GUT	18"
ATI-6-27-4PG	H821H	PSNH821A	C-6/FS2	4-0	PLAIN GUT	27"
ATI-7-27-3PG	H810H	PSNH810A	C-7/FS1	3-0	PLAIN GUT	27"
ATI-9-18-3PG	612G	PSN612A	C-9/X1	3-0	PLAIN GUT	18"
ATI-7-27-2PG	N/A		C-7/FS1	2-0	PLAIN GUT	27"



Sinus 7. Bone Material Instrument
A spoon & plugger to carry and pack bone.
Not included in kit.

- Color-coded handles
- Stainless Steel Tips
- Light-weight

• Shown in actual size 1/1



Sinus 0

Used first
to separate
the sinus
lining.

Sinus 1

25°/25°
sinus
elevator.

Sinus 2

60°/60°
sinus
elevator.

Sinus 3

90°/90°
sinus
elevator.

Sinus 4

120°/120°
sinus
elevator.

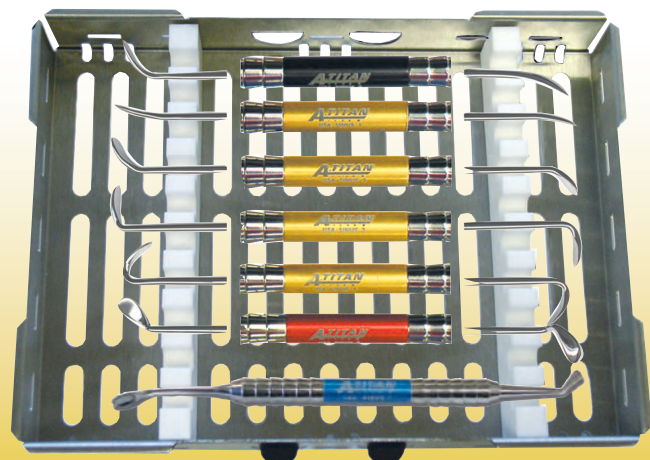
Sinus 5

90°/90°/60°
sinus
elevator.

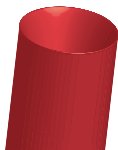
Sinus 7S

Smaller
spoon &
plugger to
carry and
pack bone.

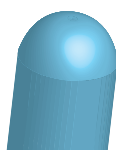
#K7000. Sinus Kit
Includes Sinus 0 through Sinus 5,
Sinus 7S, and sterilization tray 10.



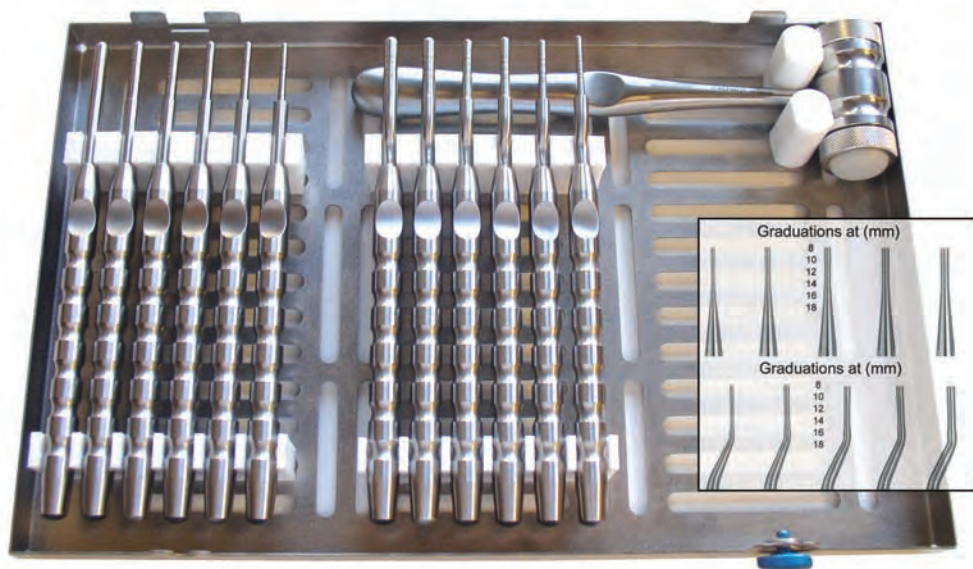
- 100% stainless steel
- Lifetime Guarantee
- Quality crafted in Germany



Concave
Tip
Example



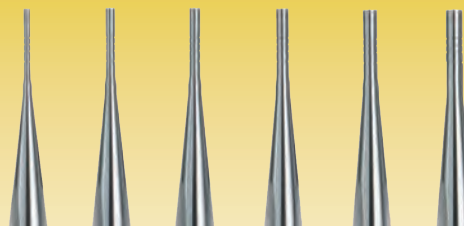
Convex
Tip
Example



#310.00 Osteotome Kit Concave

Includes 6 straight and 6 angled osteotomes with concave tips, 1 mallet and a custom sterilization tray T-20.

(Includes, straight concave and angled concave)

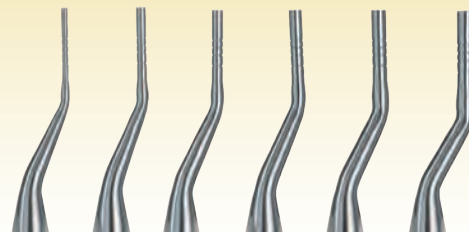


Straight Concave:

- 310.01** 2.0mm < 2.5mm
- 310.02** 2.5mm < 3.0mm
- 310.03** 3.0mm < 3.5mm
- 310.04** 3.5mm < 4.0mm
- 310.05** 4.0mm < 4.5mm
- 310.06** 5.0mm < 5.5mm

Angled Concave:

- 311.01** 2.0mm < 2.5mm
- 311.02** 2.5mm < 3.0mm
- 311.03** 3.0mm < 3.5mm
- 311.04** 3.5mm < 4.0mm
- 311.05** 4.0mm < 4.5mm
- 311.06** 5.0mm < 5.5mm



#Mallet 17. Included in Kits or individually

#320.00 Osteotome Kit Convex

Includes 6 straight osteotomes and 6 angled osteotomes with convex tips, 1 mallet and a custom sterilization tray T-20.

(Includes, straight convex and angled convex)

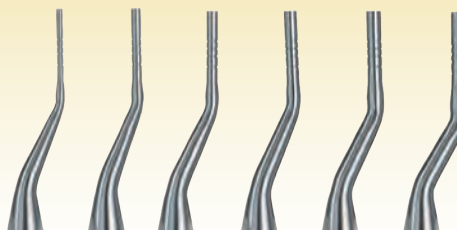
Straight Convex:

- 320.01** 2.0mm < 2.5mm
- 320.02** 2.5mm < 3.0mm
- 320.03** 3.0mm < 3.5mm
- 320.04** 3.5mm < 4.0mm
- 320.05** 4.0mm < 4.5mm
- 320.06** 5.0mm < 5.5mm



Angled Convex:

- 321.01** 2.0mm < 2.5mm
- 321.02** 2.5mm < 3.0mm
- 321.03** 3.0mm < 3.5mm
- 321.04** 3.5mm < 4.0mm
- 321.05** 4.0mm < 4.5mm
- 321.06** 5.0mm < 5.5mm



The Task

Proper management of hard and soft tissue has proven to be a continued challenge in an extraction procedure prior to implantation. In most cases, an immediate or even delayed implantation without bone restoration is not possible. To reduce the risk of damage to the tissue, an absolute atraumatic tooth extraction technique is required.

Method and Materials

A new method utilizing a patented technique has been developed for extracting single and double-rooted teeth. The Easy X-TRAC® System consists of 3 different sized drills and 3 different sets of extracting screws along with a specially designed extractor and protection plates to lift the tooth out of the socket without any rotary or tilting movement. Treating a majority of our patients with this system over a 3 year period, we were able to preserve the hard and soft tissue, leading to successful immediate implant placement.

The Procedure



Prepare the root canal using the X-Trac® Drills.



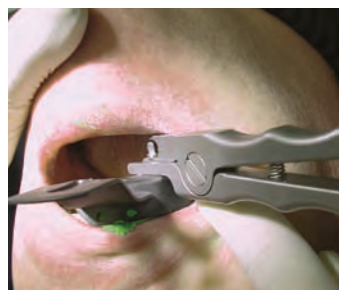
Place the self-cutting X-Trac® Screw in the root canal by using the X-Trac® Ratchet.



Position the Protector filled with impression material on the tooth row. Guide X-Trac® Screw through the hole.



Place the jaws of the Easy X-Tractor® between the surface of the Protector and the head of the Screw.



Turn the handle screw in the back of the Easy X-Tractor®. The jaws open up and pull the tooth using vertical force only!



Remove the Easy X-Tractor®, lift off the Protector and easily remove the tooth.



Completed extraction.



Insert a 5.5 Implant without making a flap!

Results and Conclusion

The aim was to develop a new extraction technique for single and double rooted teeth as a pre-implantological procedure. Particular attention was paid to the protection of all the adjacent hard and soft tissue (eg. the buccal lamella in the maxilla).

The extraction procedure only requires a vertical motion to pull the tooth and disperse the pressure of the extraction process on the adjacent teeth, thereby avoiding widening of the alveolus and minimizing the risk of damage to adjacent bone structures and bone loss. This new procedure eliminates the use of root elevators, forceps and even periostomes. Any rotary movement to pull the teeth is eliminated.

A secondary advantage for both the surgeon and the patient is a time difference of 5-7 months by avoiding bone restoration and being able to perform immediate implantation. Furthermore, improved soft tissue management can be expected. Limitations of the system are molars without a prior section, severely curved roots and teeth with extensive ankylosis.

Dr. Hans-Peter Hornig, Dr. Thomas Offermann

#K8100. Easy X-TRAC® Kit With Sterilization Tray

Contains:

- (1) Easy X-Tractor,
- (1) set of 3 drills,
- (3) 28mm extraction screws (1.75mm dia.)
- (2) 30mm extraction screws (1.75mm dia.)
- (3) 33mm extraction screws (1.75mm dia.)
- (2) 33mm extraction screws (2mm dia.)
- (1) Ratchet, (1) Protector plate- left,
- (1) Protector plate- right,
- (1) Burr block, and an Instructional CD-ROM and sterilization tray 10.



- Intended for immediate implant placement
- No pressure, pulling or rotary movements
 - No post-traumatic swelling
 - No bone restoration

#K8000. Easy X-TRAC® Complete Kit

Contains:

- (1) Easy X-Tractor,
- (1) set of 3 drills,
- (3) 28mm extraction screws,
- (3) 33mm extraction screws,
- (1) Ratchet, (1) Protector plate- left,
- (1) Protector plate- right,
- (1) Burr block, and an Instructional CD-ROM.



XT100. Easy X-TRACTOR

#XT120. X-TRAC Ratchet



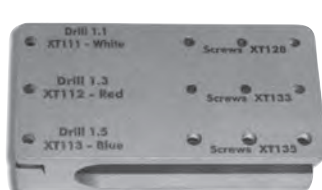
#XT140L. Protector Plate - Left



#XT140R. Protector Plate - Right



#XT150. X-TRAC Burr Block



#XT160.
Premium
Burr Block



#XT110. X-TRAC Drills
Set of 3:
1.1mm, 1.3mm, 1.5mm



#XT128. X-TRAC Screws
Set of 3:
28mm length,
1.75mm diameter
*One time use recommended



#XT130. X-TRAC Screws
Set of 3:
30mm length,
1.75mm diameter
*One time use recommended



#XT133. X-TRAC Screws
Set of 3:
33mm length,
1.75mm diameter
*One time use recommended



#XT135. X-TRAC Screws
(Not Included in Kit)
Set of 3:
33mm length,
2mm diameter
*One time use recommended

Designed to assist in the placement of CAMLOG Screwline Implants

- Implantation Trephine Drills automatically create a hole in the bone with the precise bottom (apical) diameter for implant placement.
- The special 'Form Drills' build the side walls up to diameter of the implant.
- All drills have depth markings of 9.0mm, 11.0mm, and 13.0mm and are 14mm long.
- Fast removal of "Bone Core"
- Generates Bone for Graft
- Effective in D1 and D2 Bone
- Speeds Implantation Site Preparation
- Reduces number of Drills used
- Saves Time and Money

IMPLANTATION Trephine Drill	Screwline Implant
● 2.4 mm	3.3 mm



IMPLANTATION Trephine Drill	Screwline Implant
● 3.3 mm	3.8 mm



IMPLANTATION Trephine Drill	Screwline Implant
● 3.6 mm	4.3 mm



IMPLANTATION Trephine Drill	Screwline Implant
● 4.3 mm	5.0 mm



IMPLANTATION Trephine Drill	Screwline Implant
● 5.2 mm	6.0 mm



#668.02. Trephine Rack

#K-363. TREPHINE DRILL SET

Includes:

The Implantation Set:
363.02, 363.03, 363.04, 363.05, 363.06,
PLUS Trephine Rack

Explantation trephine drills are designed to remove failed implants with minimal surrounding bone loss. All drills have depth markings of 9.0mm, 11.0mm, and 13.0mm and are 14mm long.

EXPLANTATION Trephine Drill 369.03	Screwline Implant
● 3.5mm	3.3 mm

EXPLANTATION Trephine Drill 369.04	Screwline Implant
● 4.0 mm	3.8 mm

EXPLANTATION Trephine Drill 369.05	Screwline Implant
● 4.5 mm	4.3 mm

EXPLANTATION Trephine Drill 369.06	Screwline Implant
● 5.2 mm	5.0 mm

EXPLANTATION Trephine Drill 369.07	Screwline Implant
● 6.2 mm	6.0 mm



#369.03. 3.5mm for 3.3mm implant



#369.04. 4.0mm for 3.8mm implant



#369.05. 4.5mm for 4.3mm implant



#369.06. 5.2mm for 5.0mm implant



#369.07. 6.2mm for 6.0mm implant



#K-369. TREPHINE DRILL SET

Includes:
The Explantation Set:
369.03, 369.04, 369.05, 369.06, 369.07,
PLUS Trephine Rack 668.02.

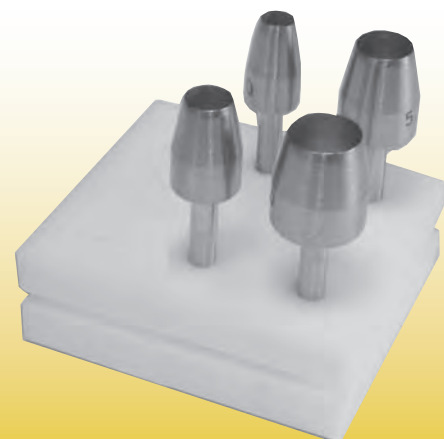
- 100% stainless steel to stay sharper longer.
- Available in 3, 4, 5, and 6mm diameters.

#388.03. 3mm
#388.04. 4mm
#388.05. 5mm
#388.06. 6mm

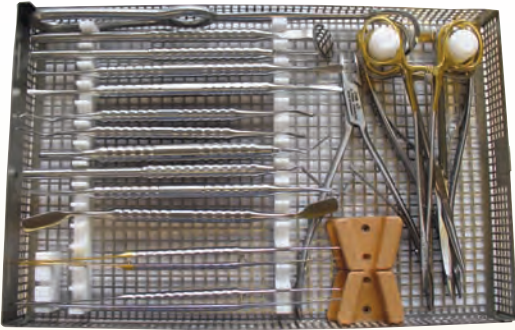
#389.03. 3mm (cylindrical)
#389.04. 4mm (cylindrical)
#389.05. 5mm (cylindrical)
#389.06. 6mm (cylindrical)
#668.01. Holder

#K3800. Tissue Punch Kit
Contains 3, 4, 5, and 6mm diameters,
(388.03, 388.04, 388.05, 388.06)
and holder (668.01).

#K3800C. Cylindrical Tissue Punch Kit
(Not shown) Contains 3, 4, 5, and 6mm
diameters, (389.03, 389.04, 389.05,
389.06) and holder (668.01).



The **Basic Implant Kit** contains **21 Essential Instruments** for general implant dentistry.



- Custom Sterilization Tray
- Tissue Forceps
- Micro Needle Holders
- Micro Periosteal Elevators
- Bone Curettes
- Periotomes

- Scalpel
- Scissors
- Bone Rongeurs
- Hemostat
- Bite Blocks
- Cheek Retractor



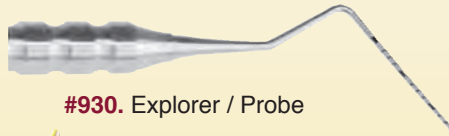
#P-300. ANGLED blade - Posterior



#P-500. ANGLED blade - Interproximal



#2006. Scalpel Straight Titan handle



#930. Explorer / Probe



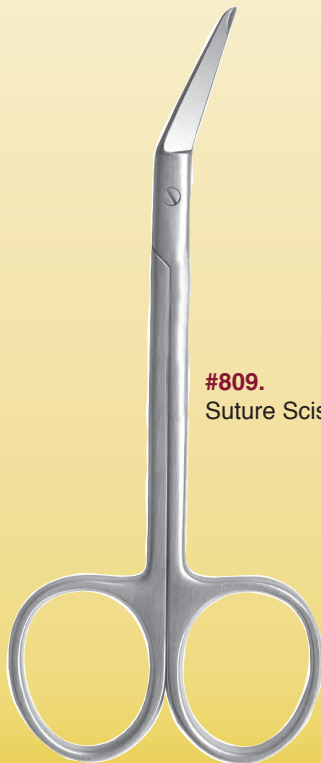
#052.17. Tissue Forceps



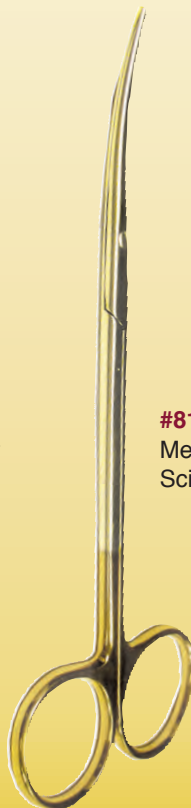
#051.17. Cooley Tissue Forceps



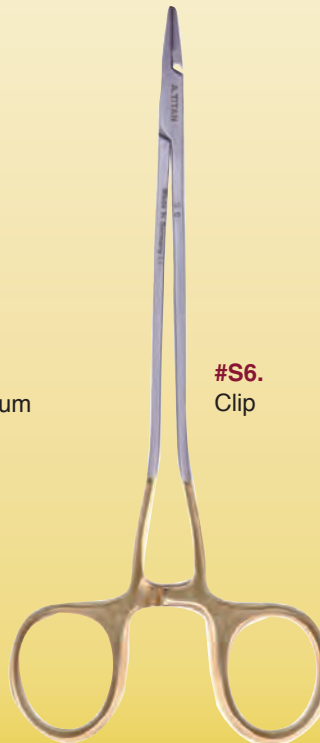
#745.18. Micro Needle Holder



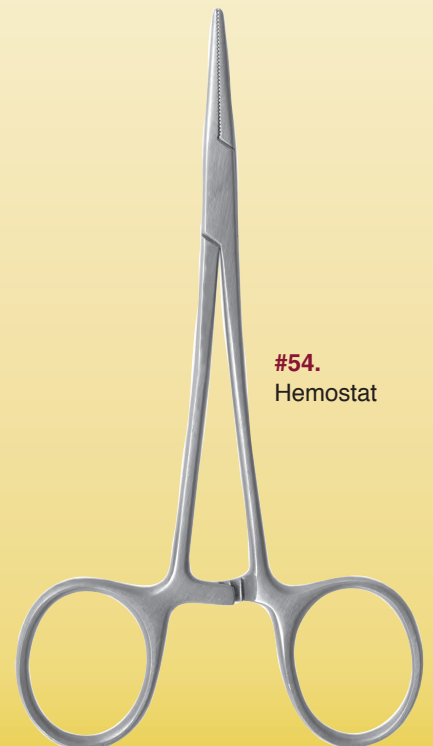
#809.
Suture Scissor



#818.
Metzenbaum
Scissor



#S6.
Clip



#54.
Hemostat



#310M.
Friedman Micro 6"



#MR 17-C.
Needle Holder



#039.02.
Lip and Cheek
Retractor



#T 20-K.
Surgical Cassette

#K-9900. Basic Implant Kit

Contains one of each:

- #052.17** Tissue Forceps
- #051.17** Cooley Tissue Forceps
- #745.18** Micro Needle Holder
- #427.25** Micro Pritchard
Periosteal Elevator
- #422** Ohl Periosteal Elevator
- Buser**
- #419.03** Micro Periosteal Elevator
- #621.25** Bone Curette
- #621.30** Bone Curette
- P-300** ANGLED blade - Posterior
- P-500** ANGLED blade - Interproximal
- 2006** Scalpel Handle
- #930** Explorer / Probe
- #MR 17-C** Needle Holder
- #S6** Clip
- #818** Metzenbaum Scissor
- #809** Suture Scissor
- #54** Hemostat
- #310 M** Friedman Micro 6"
- #039.02** Lip & Cheek Retractor
- T 20-K** Surgical Cassette



#427.25.
Micro Pritchard
Periosteal Elevator



#422.
Ohl Periosteal
Elevator



#419.03.
Micro Periosteal
Elevator



#621.25.
Bone Curette



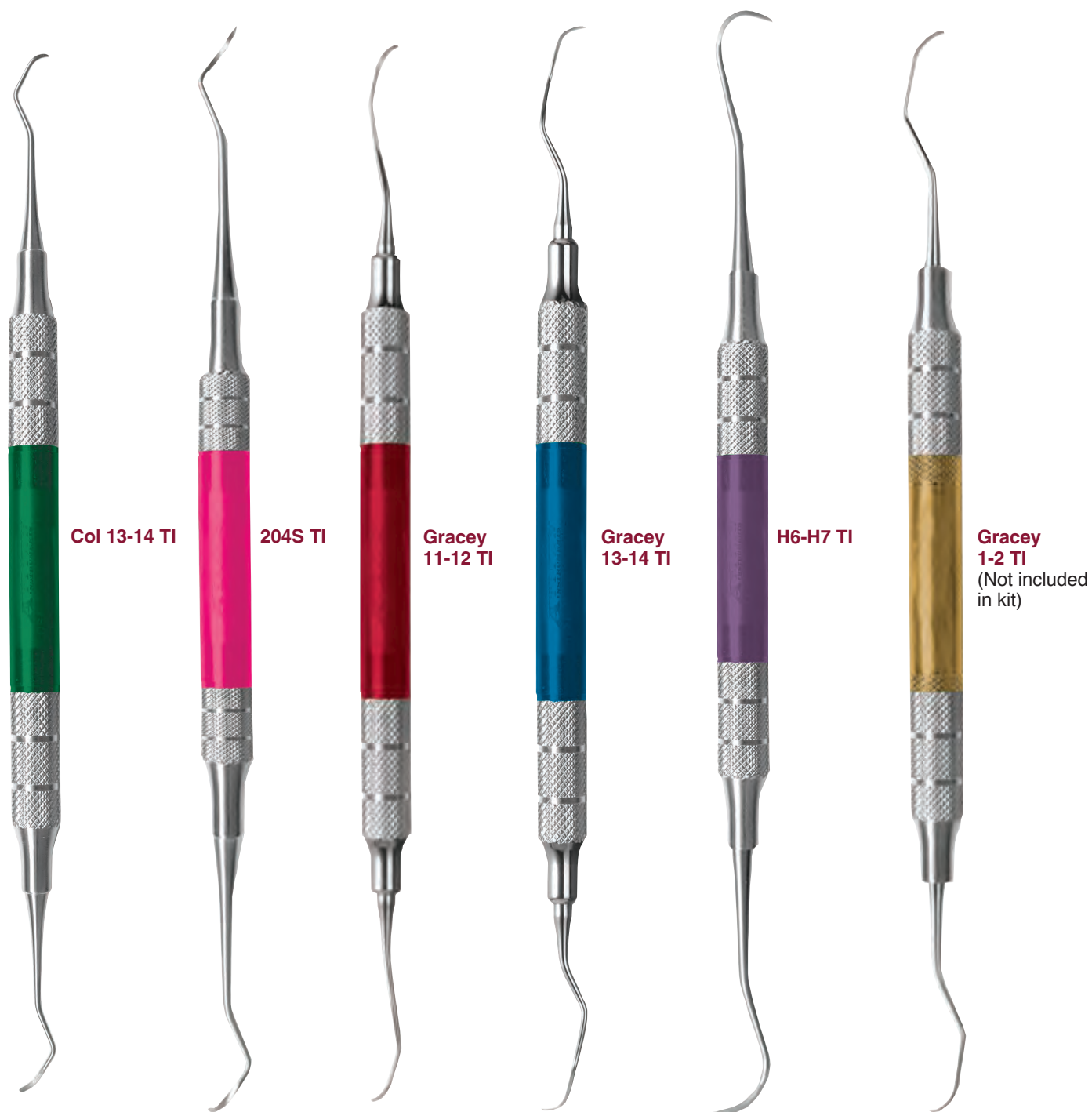
#621.30.
Bone Curette



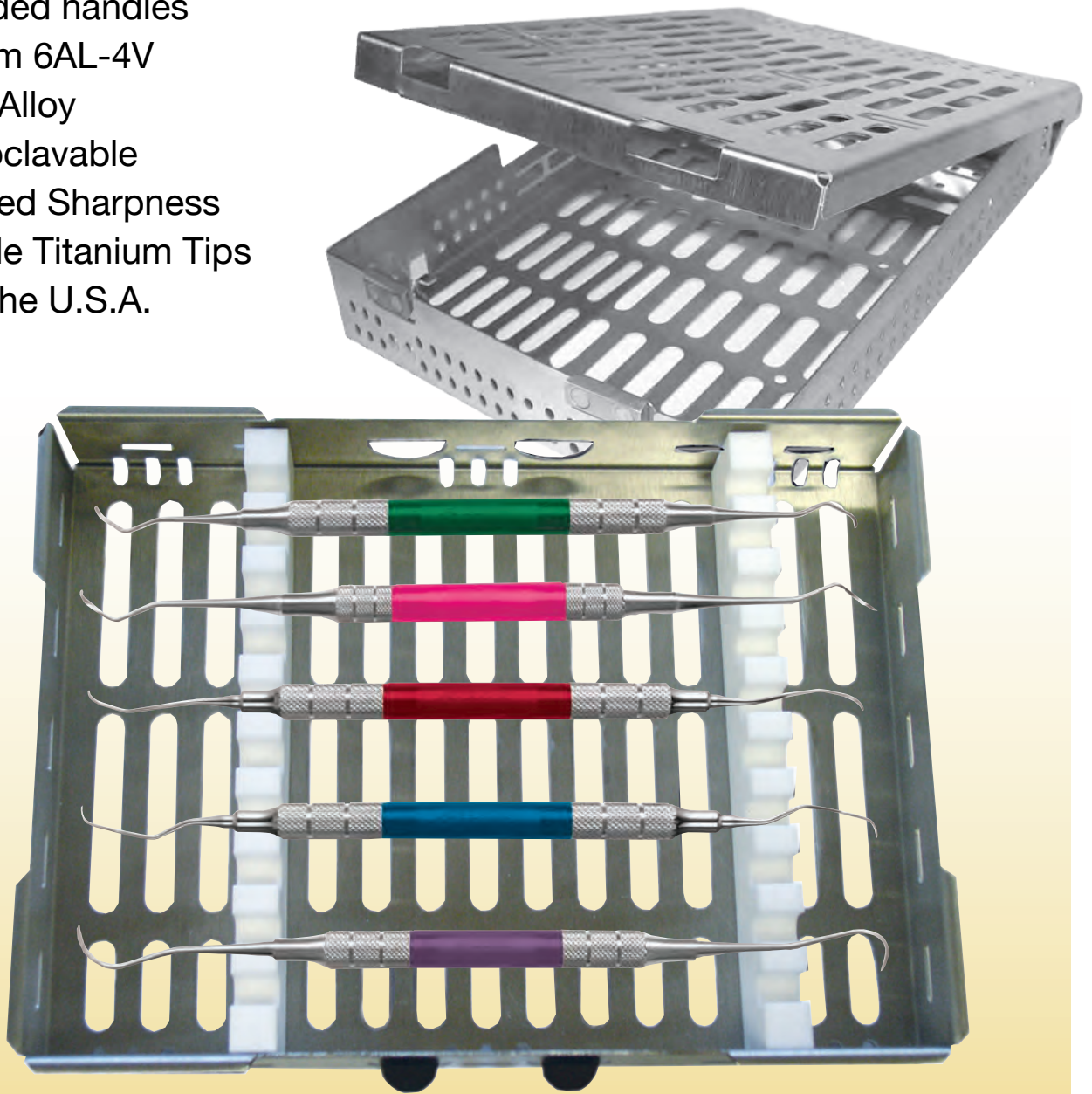
Buser



T I T A N I U M



- Color-coded handles
- Made from 6AL-4V Titanium Alloy
- Fully autoclavable
- Guaranteed Sharpness
- Sterilizable Titanium Tips
- Made in the U.S.A.

**#K1800.****Titanium Implant Scaler Kit**

Includes:

#Col 13-14 TI.

#204S TI.

#Gracey 11-12 TI.

#Gracey 13-14 TI.

#H6-H7 TI.

Sterilization Tray T-5

HyLite™
Scalers & Currettes
by A.Titan



- Holds Cutting Edge Longer & Stays Sharper
- Hollow, Round, Lightweight Handles
- 100% Stainless Steel
- Made in U.S.A.

#Gracey 1-2.



#Gracey 3-4.



#Gracey 5-6.



#Gracey 7-8.



#Gracey 9-10.



#Gracey 11-12.



#Gracey 13-14.



#Gracey 15-16.



#Gracey 17-18.



PERIODONTAL GRACEY CURETTES & SCALERS

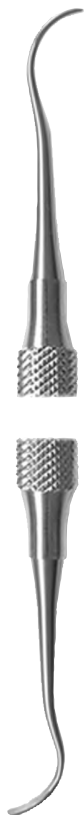
HyLite™
Scalers & Curettes
by A.Titan



**#McCall
13s-14s.**



**#McCall
17-18.**



**#Younger-Good
7-8.**



#H5.



#H5-47.



#H6-H7.



#137.



**#N135.
Barnhart**



**#204s.
Scaler**



**H5-J1s.
Scaler**



**#Jacquette
2-3.**



**#Jacquette
2s-3s.**



**#Prich
1-2.**

McCall	13-14 (Not Shown)
McCall	17s-18s (Not Shown)
Taylor 2-3	scaler (Not Shown)
204	scaler (Not Shown)
204SD	scaler (Not Shown)
Jacquette 1-2	(Not Shown)
Langer 1-2	(Not Shown)
Langer 3-4	(Not Shown)
Langer 5-6	(Not Shown)
Barnhart 1-2	(Not Shown)
Barnhart 5-6 Fine	(Not Shown)
Barnhart 5-6	(Not Shown)
Columbia 2R-2L	(Not Shown)
Columbia 4R-4L	(Not Shown)
Columbia 13-14	(Not Shown)



#Expl 5.
Double End

#Expl 11-12.
Double End

#DG 16.
Endodontic
Double End

#Expl 23-6.
Double End

#3 6 9 12-23.
Probe
Double End

#Will-23.
Probe
Double End



#Expl 23. Single End



#UNC 15. Single End Perm



#3 6 9 12. Single End Perm



#WILL. Single End Perm



#DSCS.
Head Double Sided CS



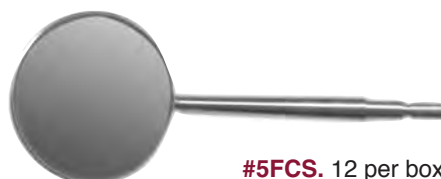
#MHCS. Handle



#99A. Handle Cone Socket



#4FCS. 12 per box



#5FCS. 12 per box



#2320-2.
Serrated with lock



#Meriam.



#College.



#2325-2.
Grooved with lock



#Perry. Short

CARVERS

OPERATIVE



#89/92.



#90/93.



#Hollen 3s.



#Hollen 3.



#Ward 2



#Tanner 6.



BURNISHERS

OPERATIVE



#21B.
Acorn



#27-29.
Egg



#25-26.



#42.
Ball



#43.
Ball



OPERATIVE

COMPOSITE INSTRUMENTS



#CI200-10.



#CI200-20.



#CI200-30.



#CI200-40.



#CI200-50.



#CP113.
Cord Packer

- Titanium Nitride Coated
- Non-stick
- HyLite® Handle
- Double Ended



OPERATIVE

PLASTIC FILLING INSTRUMENTS



#Woodson 2.



#PFI 3.



#PFI 11.



#PFI 13.



#Ladmore 3.



PLUGGERS

OPERATIVE



#0-1.



#1-4.



#4-6.



#6-8.

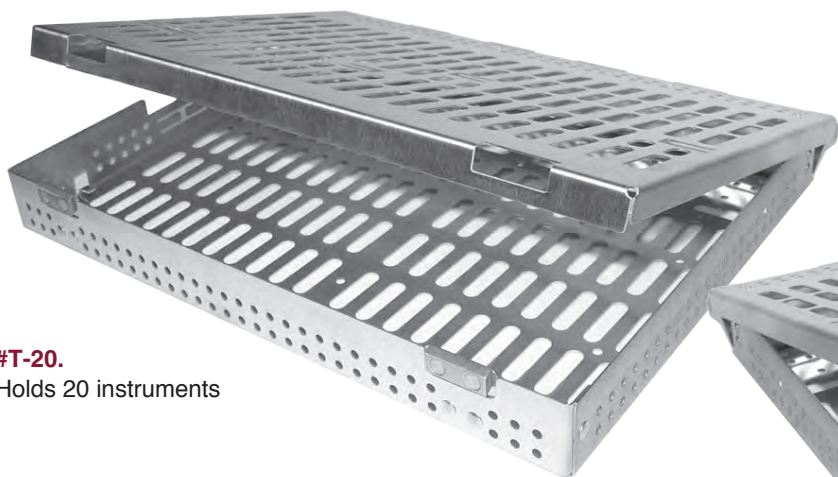


#Black 1-2.



STERILIZATION TRAYS

OPERATIVE



#T-20.
Holds 20 instruments

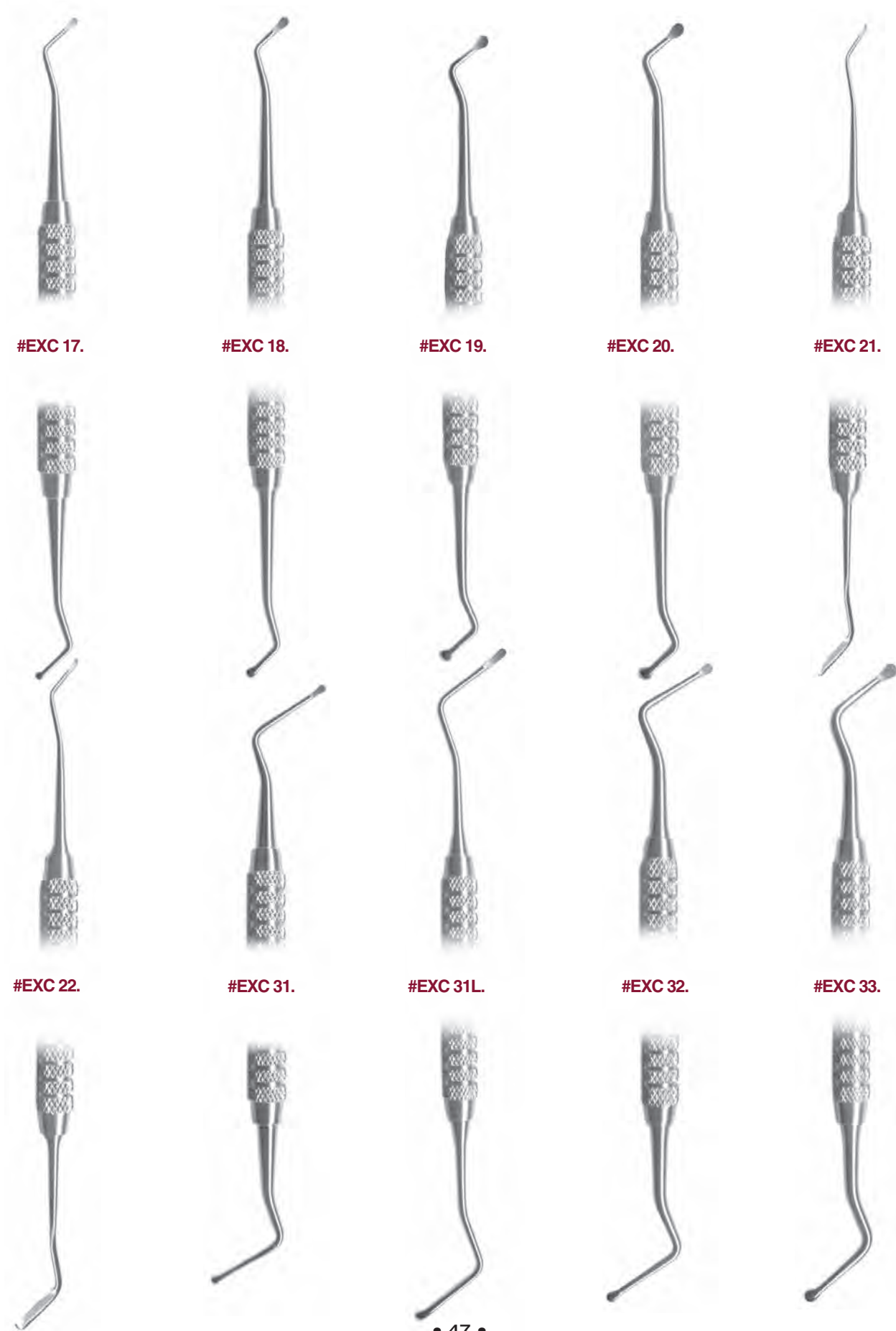


#T-10.
Holds 10 instruments



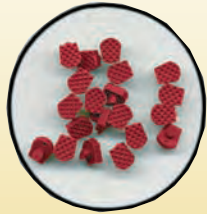
#T-5.
Holds 5 instruments

Custom inserts are made for all sterilization trays to hold instruments securely and maximize sterilization.





#K1000. Crown Removing Plier Kit
Places and removes temporary crowns on both upper and lower part of the mouth. Rubber inserts are fully autoclavable and are reusable. Emery powder maximizes the grip on the crown. A spring and screw set in the handle increases control.



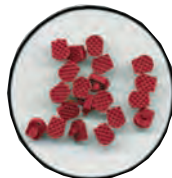
Contains:
• 1 Pliers
• 20 Rubber Insert Tips
• 10gm emery powder
• Spring and Screw Set



#1010. Crown Spreader Forceps
Spreads the crown and breaks the cement seal after the crown is sectioned. Built in spring provides even transmission of force to eliminate any shattering and pressure in the patient's mouth.



Eliminates Pressure!
The revolutionary handle design allows uniform power transmission during crown removal.



Replacement Rubber Tips
20 pack



Replacement Powder
10gm emery powder

#1008. Crown Distender
Designed to spread the crown and break the cement seal after sectioning.
• Unique tip design enables you to use throughout the entire mouth.
• Round handle for better maneuverability and leverage.

MICRO FORCEPS



#794.
Micro Forceps



A.Titan Instruments, Inc.
97 Main Street • Hamburg, NY 14075 • 1-877-284-8261

To Order

For questions within the U.S., please call our Instrument Specialists toll-free at 1-877-284-8261. For international orders, please call +1-716-648-9272, or contact us by fax at +1-716-648-9296.

You may also contact us by e-mail at: info@atitan.com, or you can view our full line of dental instruments and shop on-line at www.atitan.com.

Warranty

All A.Titan products are warranted to be free from defects in workmanship and materials. Any product which proves to be defective will be repaired or replaced (at our option) free of charge.* Warranty does not apply to normal wear and tear and for use of instruments beyond limitations.

All Tungsten-carbide instruments (needle holders) are guaranteed for the first three years of normal use. Any modification or alteration made to our instruments other than by A.Titan will render the warranty null and void.

All warranty claims must be made directly with A.Titan. Any and all instruments returned to the distributor and NOT to A.Titan will render the warranty null and void. *Warranty does not cover shipping and handling.

Repairs

Instruments sent in for repair can usually be restored to a serviceable condition. This service is provided for all A.Titan products, when ever possible.

Please send repairs to:

A.Titan Instruments
Attn: Repair Dept.
97 Main Street
Hamburg, NY 14075

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#54 Hemostat, Medium Bite blocks (set of 2),	
#310 M Friedman Micro 6"	
#039.02 Lip & Cheek Retractor, T 20-K Surgical Cassette	

KITS

#310.00 Osteotome Kit Concave

Includes 6 straight and 6 angled osteotomes with concave tips, 1 mallet and a custom sterilization tray T-20. 31

#320.00 Osteotome Kit Convex

Includes 6 straight and 6 angled osteotomes with convex tips, 1 mallet and a custom sterilization tray T-20. 31

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12

#K3000. Molar Elevator Kit

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#K8000. Easy X-TRAC® Complete Kit

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#K8100. Easy X-TRAC® Kit With Sterilization Tray

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#K6000. Fixed Tip Periotome Kit:

Includes #P100, #P200 and P300 4

#K4000. Root Tip Kit:

Includes #5115, #4514, #63 Elevator 9

#K7000. Sinus Kit:

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