



## ORTHODONTIC PLIERS

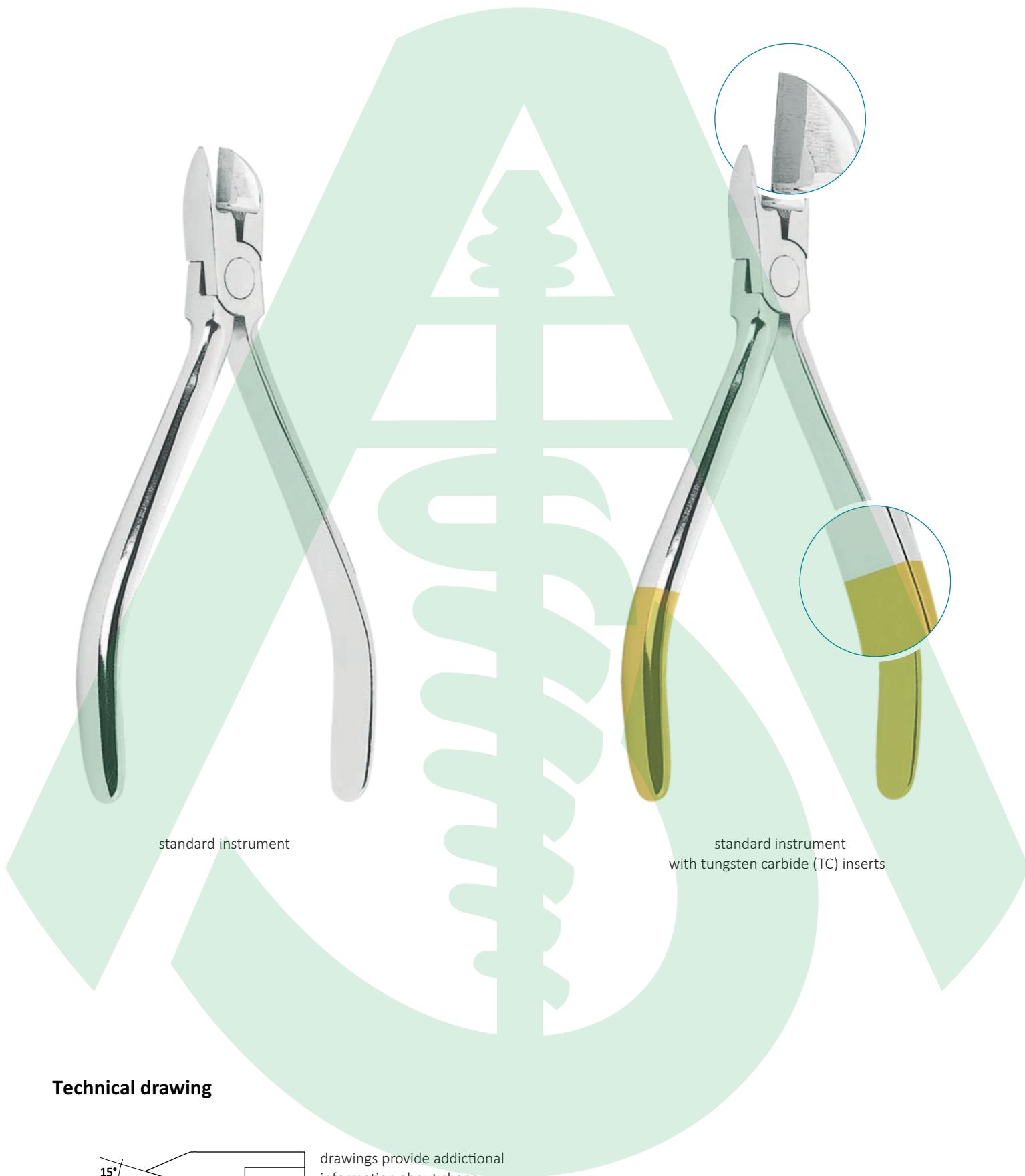
How to read this chapter

Premium orthodontic instrument

Premium orthodontic instrument  
with tungsten carbide (TC) inserts



## ORTHODONTIC PLIERS



### Technical drawing



drawings provide additional information about shape



## ORTHODONTIC CUTTERS



hard wire cutter 15°

101-15-8812-2TC

15° angle to better reach  
areas of difficult access.

Wire size:  
max. 0.56 mm x 0.70 mm  
(0.022" x 0.028")



universal  
distal-end-cutter no hold

101-15-8813-1TC

Mini universal distal end cutter,  
without safety hold.

Cuts flush to the bracket or buccal tube.

Wire size: max. 0.56 mm x 0.70 mm  
(0.022" x 0.028")



## ORTHODONTIC CUTTERS



distal end flush cutter  
101-15-8826-1TC

15° angle to better reach  
areas of difficult access.  
Wire size: max. 0.56 mm x 0.70 mm  
(0.022" x 0.028")

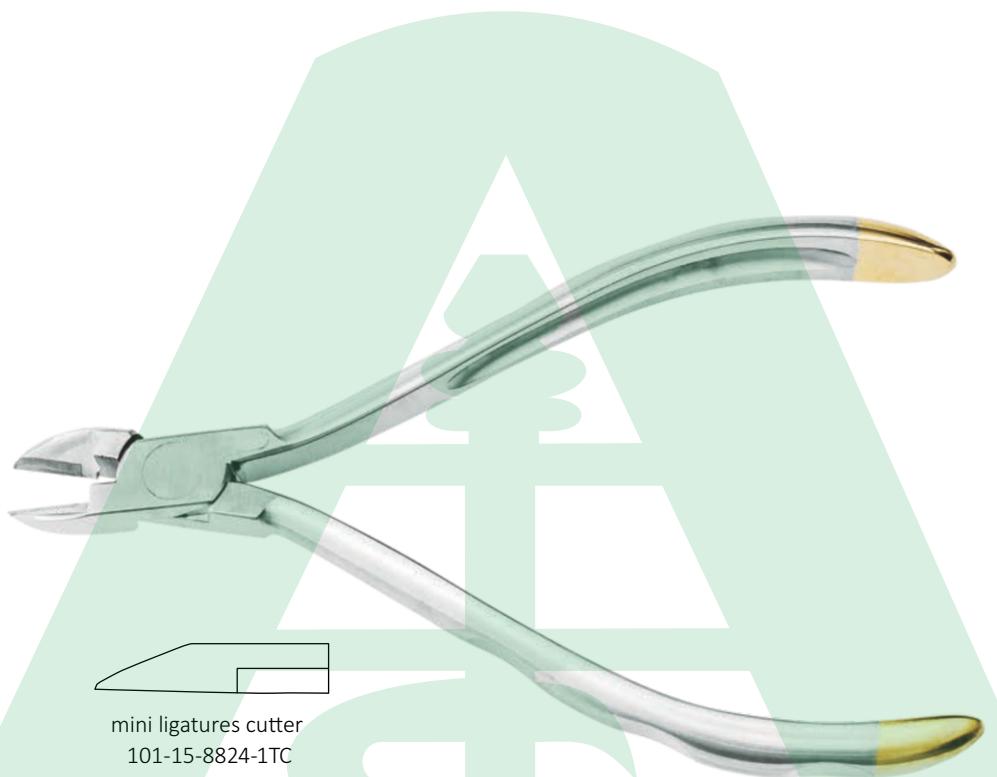


universal distal-end cutter  
101-15-8814-1TC

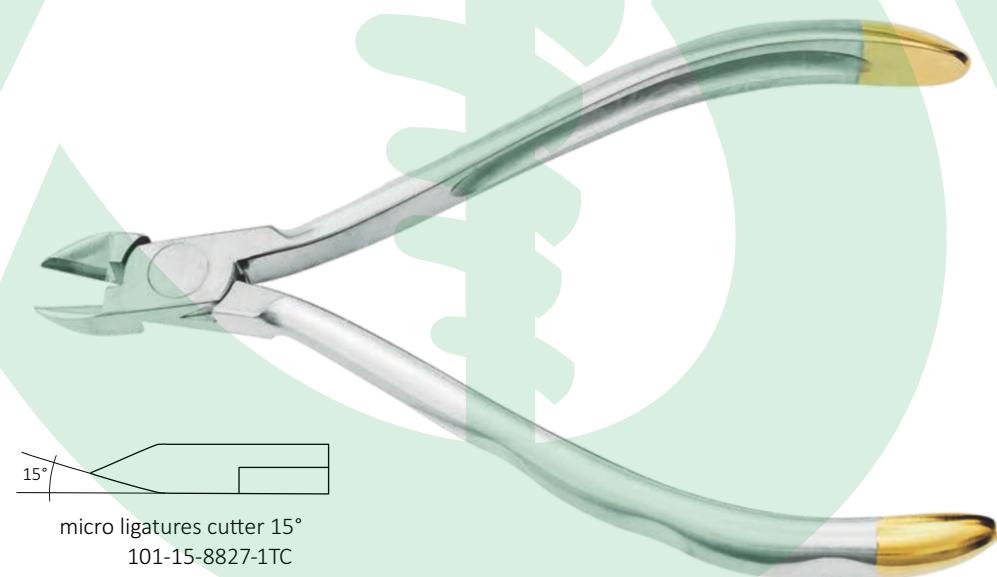
Mini universal distal end cutter,  
with safety hold to ensure patient safety and  
comfort during use.  
Wire size: max. 0.56 mm x 0.70 mm  
(0.022" x 0.028")



## ORTHODONTIC CUTTERS



Ligature cutter for hard wires, straight.  
Slim profile to better access difficult areas.  
Wire size: max. 0.40 mm (0.015")



Ligature cutter for hard wires, 15° angle.  
Ultra slim profile to reach  
areas of difficult access.  
Wire size: max. 0.40 mm (0.015")



## ORTHODONTIC CUTTERS



multi-use wire cutter  
101-15-8812-1TC

Versatile hard wire cutter.  
Wire size: max. 0.56 mm x 0.70 mm  
(0.022" x 0.028")



multi-use wire cutter  
101-15-5832

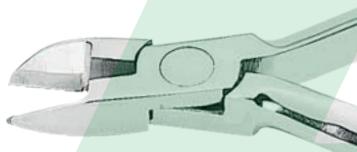


multi-use wire cutter  
101-15-5832-1TC

Same as 101-15-5832 with tungsten carbide inserts

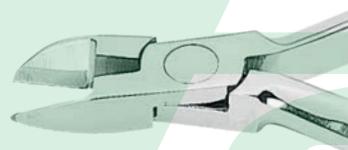


## ORTHODONTIC CUTTERS



micro-miniature wire cutter  
101-15-5833

Ultra slim profile soft wire cutter for ligature wires.  
Designed to enhance access in difficult areas.  
Wire size: max. 0.30 mm (0.012")



micro-miniature wire cutter  
101-15-5833-1TC

Same as 101-15-5833 with tungsten carbide inserts



101-15-5880-1  
wire cutter <= 0.9 mm

Designed to cut wire pins and ligature wires,  
it is strong enough to bend archwire ends after distal cutting.  
Wire size: max. 0.9 mm (0.036")



wire cutter <= 1.5 mm  
101-15-5880-2

Designed to cut wire pins and ligature wires,  
it is strong enough to bend archwire ends after distal cutting.  
Wire size: max. 1.5 mm (0.044")

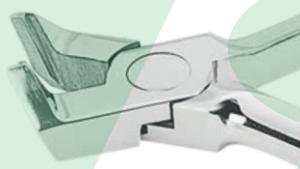


## ORTHODONTIC CUTTERS



wire cutter <= 1.2 mm  
101-15-5880-3TC

Designed to cut wire pins and ligature wires,  
it is strong enough to bend archwire ends after distal cutting.  
Wire size: max. 1.2 mm (0.044").  
With tungsten carbide inserts



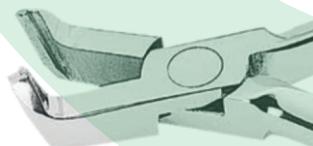
distal end cutter  
101-15-5836

Distal end cutter with safety hold designed to cut hard wires  
and hold the loose distal end, preventing damages  
to patient oral tissue.  
Wire size: rectangular max. 0.56 mm x 0.7 mm (0.022" x 0.028")  
round max. 0.5 mm (0.020")



distal end cutter  
101-15-5836-1TC

Same as 101-15-5836 with tungsten carbide inserts

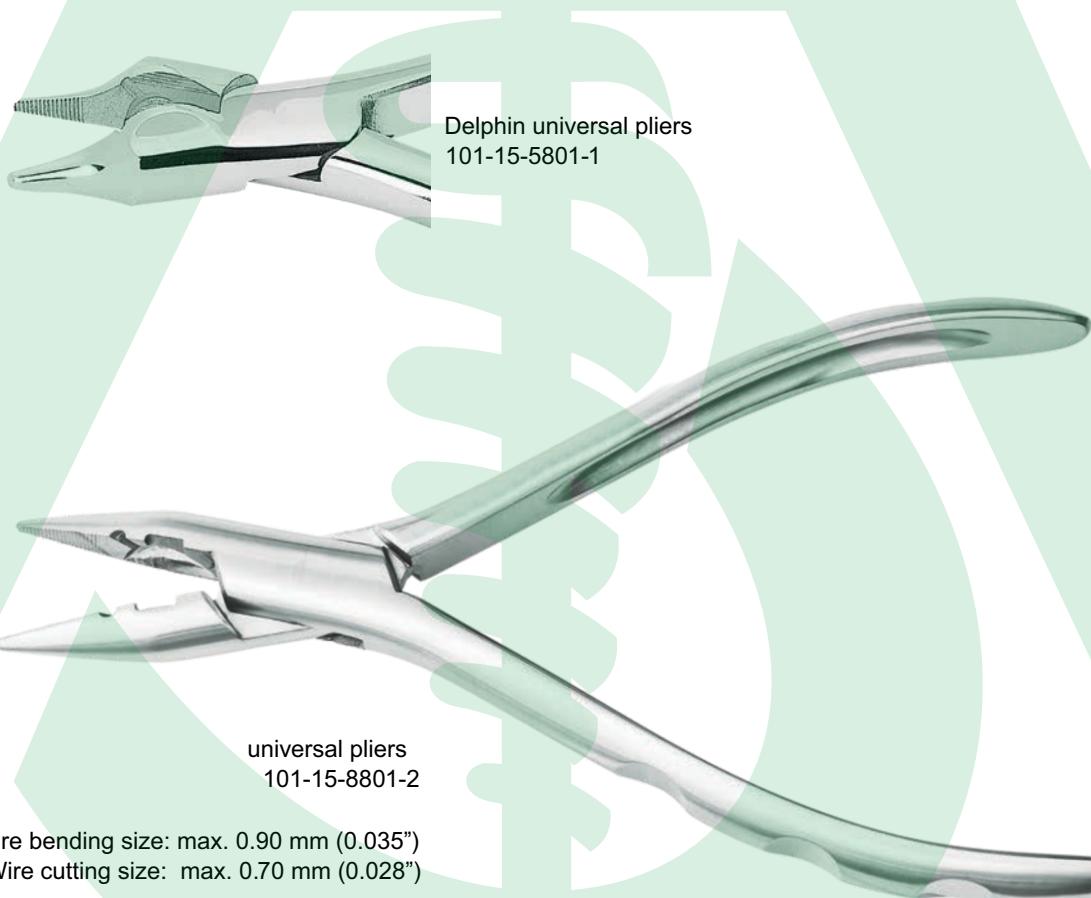
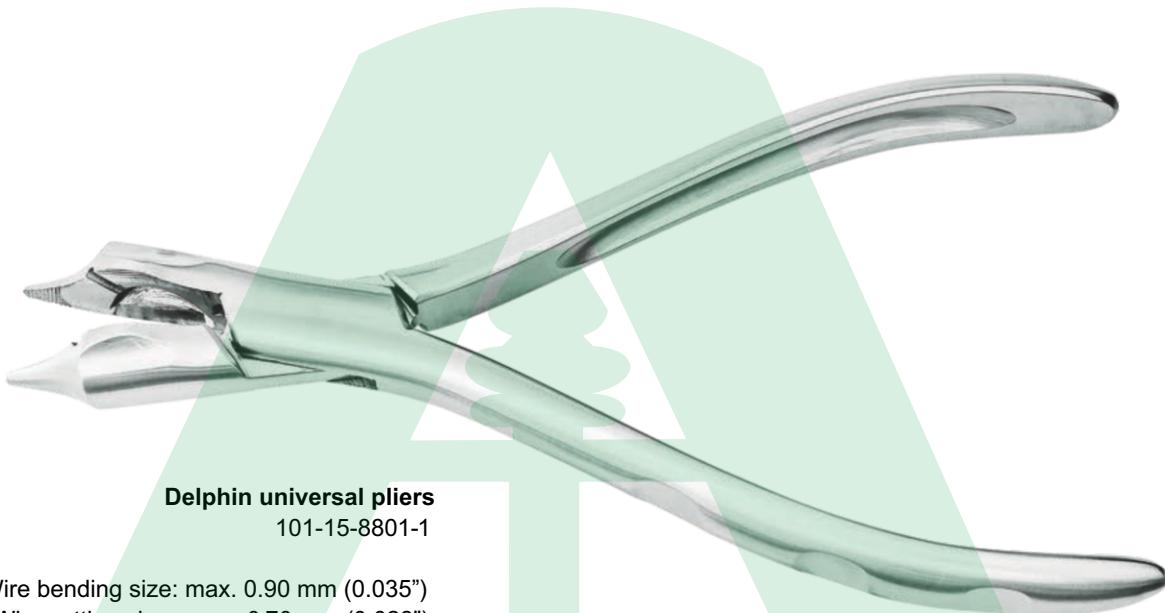


micro distal end cutter  
101-15-5837

Distal end cutter with safety hold designed to cut hard wires  
and hold the loose distal end, preventing damages  
to patient oral tissue.  
Wire size: rectangular max. 0.56 mm x 0.7 mm (0.022" x 0.028")  
round max. 0.5 mm (0.020")



## WIRE FORMING PLIERS



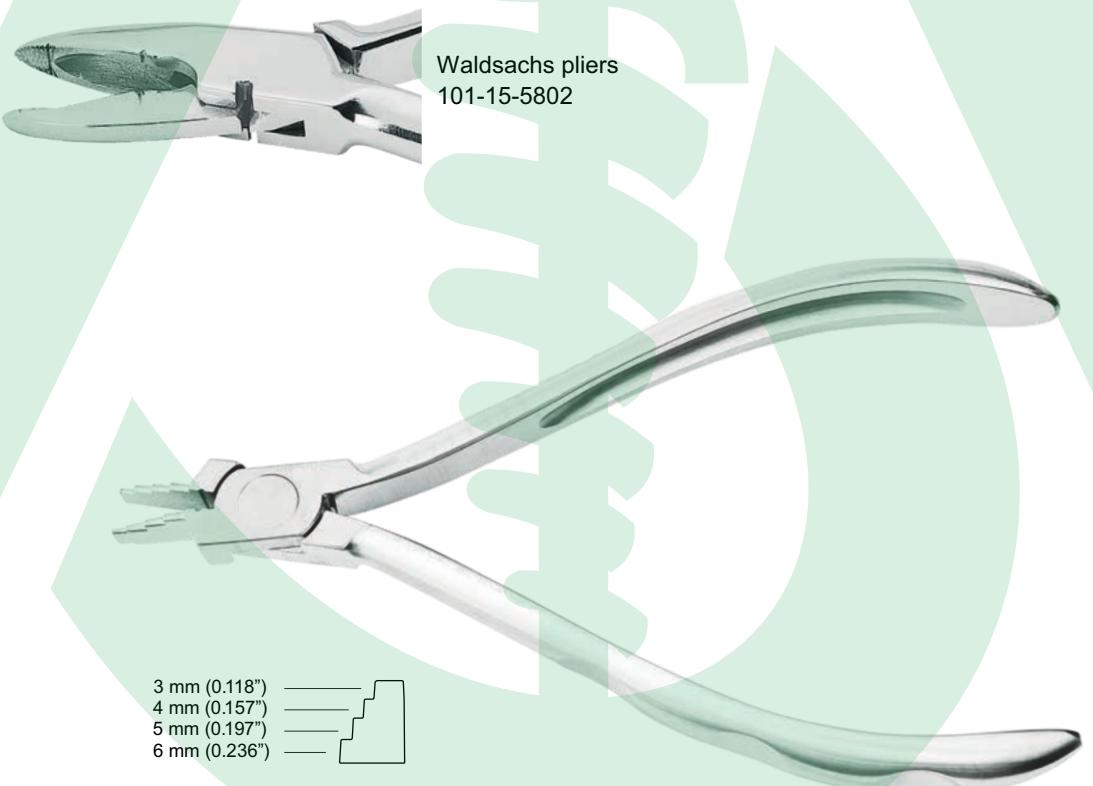


## WIRE FORMING PLIERS



Waldsachs pliers  
101-15-8802

Wire bending size: max. 0.90 mm (0.035")  
Wire cutting size: max. 0.70 mm (0.028")



Waldsachs pliers  
101-15-5802

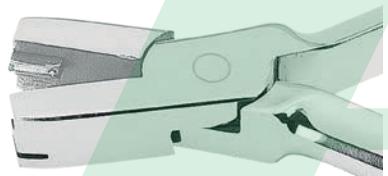
3 mm (0.118")	—
4 mm (0.157")	—
5 mm (0.197")	—
6 mm (0.236")	—

Nance precision pliers  
101-15-8816

For precise forming of loop  
in 4 different lengths: 3, 4, 5 and 6 mm.  
Groove at base aids in closing loops.  
Wire size: max. 0.70 mm (0.028")



## WIRE FORMING PLIERS



Nance pliers  
101-15-5800

Nance loop closing pliers, for bending of stop loops  
and special pliers for Adams' clasps.  
Wire size: max. 0.7 mm (0.028")



round-concave pliers  
101-15-5806

Round-concave pliers for loop forming  
and bending of thin round and square.  
Wire size: max. 0.5 mm (0.020")

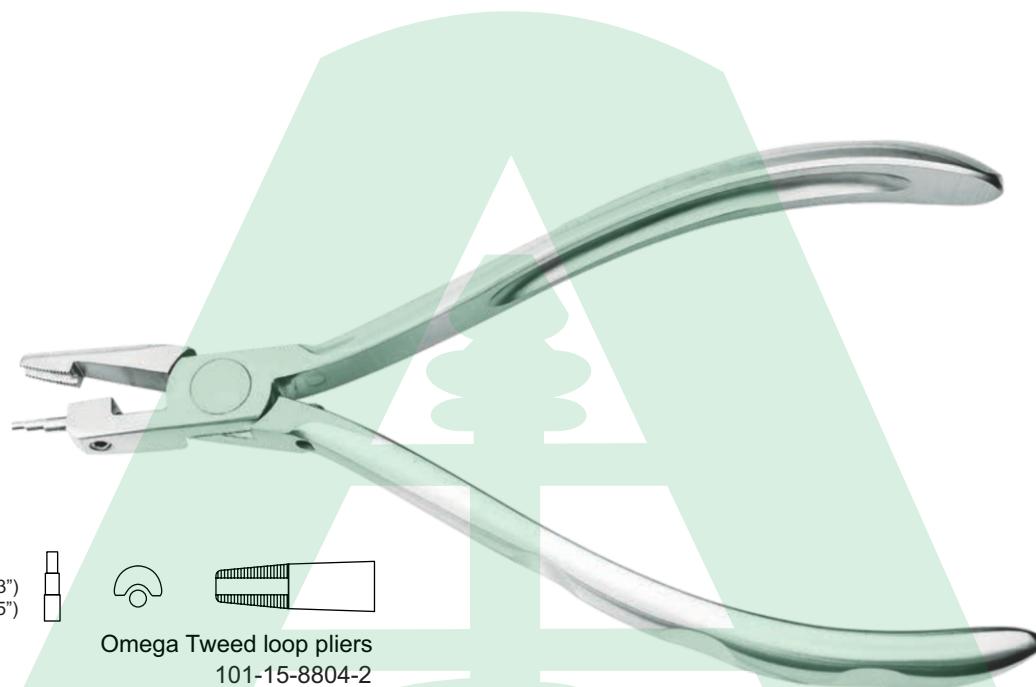


Tweed loop pliers  
101-15-5809-1

Loop forming pliers for round and rectangular wires, with  
replaceable cylindrical beak. The concave beak with parallel  
serrations firmly holds the wire in position.  
Wire size: max. 0.56 x 0.7 mm (0.022"x 0.028")  
Beak size: 1.15 mm (0.045"), 1.50 mm (0.059"), 1.90 mm (0.075")



## WIRE FORMING PLIERS



1.60 mm (0.063")  
2.00 mm (0.075")

Omega Tweed loop pliers  
101-15-8804-2

Loop forming pliers for round  
and rectangular wires,  
with replaceable cylindrical beak.  
The concave beak with parallel serrations  
firmly holds the wire in position.  
Wire size: max. 0.70 mm (0.028")



101-15-8804-2P  
replacement tip for pliers 8804-2



101-15-8804-3P  
replacement screw and L-key  
for pliers 8804-2 1.20 mm (0.047")

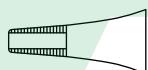


Omega Tweed loop pliers  
101-15-5809-2



## WIRE FORMING PLIERS

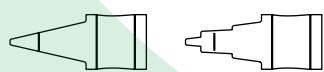
1.60 mm (0.063")  
2.20 mm (0.087")  
2.80 mm (1.100")



Tweed loop universal pliers  
101-15-8804-1

Loop forming pliers for creating  
bull and helical loops with different diameters.  
Wire size: max. 0.70 mm (0.028")

Tweed loop universal pliers  
101-15-5870



Young loop pliers  
101-15-8817

Loop forming pliers for different lengths  
and ideal for labial arches.  
Wire size: max 0.70 mm (0.028")

Young pliers  
101-15-5863



## WIRE FORMING PLIERS



Tweed loop pliers  
101-15-5809-3

Single diameter loop forming pliers with one replaceable beak and a concave serrated one.  
Wire size: max. 0.56 x 0.7 mm (0.022" x 0.28")  
Beak size: 1.50 mm (0.059")



Tweed (Angle) pliers  
101-15-5872-1

Tweed (Angle) arch bending pliers - short - Pliers with beaks (10 mm) designed for convenient handling of square or rectangular wires the blades are parallel at 0.5 mm (0.020") pliers' opening

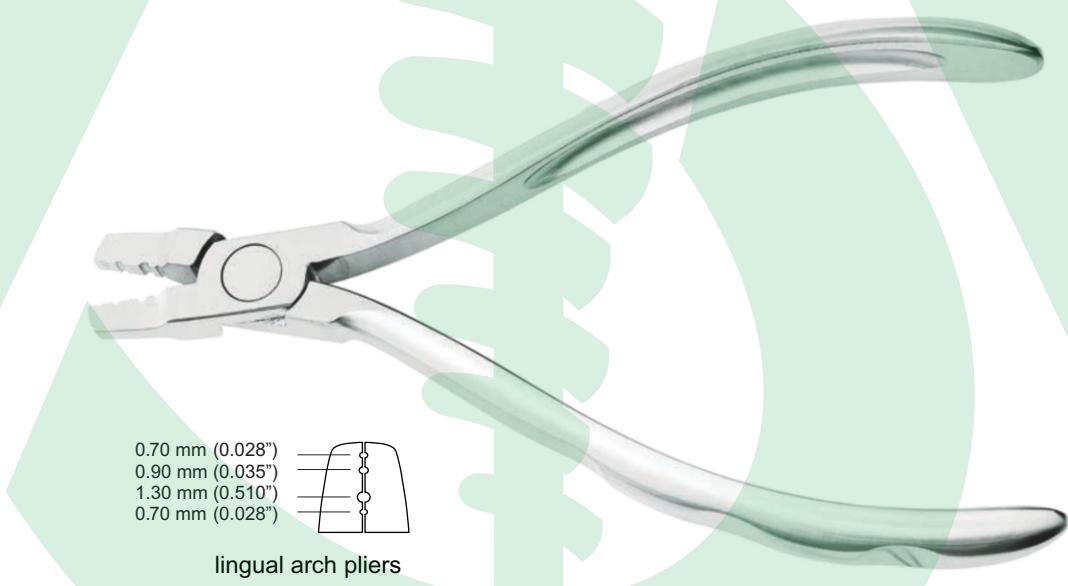


Nance loop pliers  
101-15-5862

Designed for precise forming of loops in 4 different lengths, for round and rectangular wires.  
Wire size: max. 0.7 mm (0.028")



## WIRE FORMING PLIERS



0.76 mm - 0.90 mm (0.030" - 0.036")  
Wire size: max. 0.90 mm (0.036")



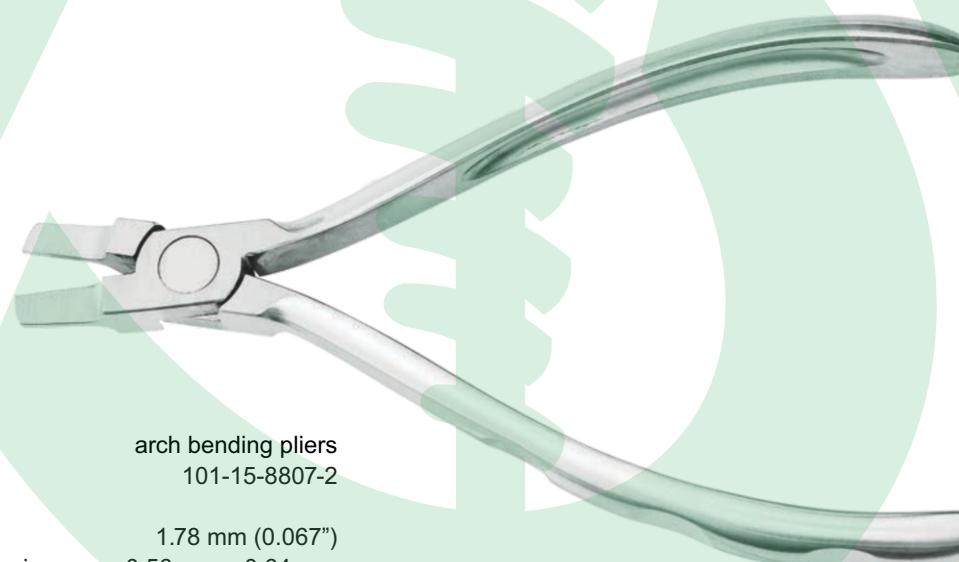


## WIRE FORMING PLIERS



mini arch bending pliers  
101-15-8807-1

1.30 mm (0.050")  
Wire size: max. 0.56 mm x 0.64 mm  
(0.022" x 0.025")

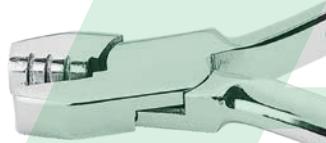


arch bending pliers  
101-15-8807-2

1.78 mm (0.067")  
Wire size: max. 0.56 mm x 0.64 mm  
(0.022" x 0.025")



## WIRE FORMING PLIERS



De La Rosa grooved pliers  
101-15-5821-1

Arch forming pliers. Designed to form and contour arch wires on round or rectangular wire.  
The beak has grooves of 0.4 mm (0.016"),  
0.46 mm (0.018") and 0.56 mm (0.022")



De La Rosa non-grooved pliers  
101-15-5821-2

Arch forming pliers with  
a non-grooved contouring surface  
for the forming of precise arches



Mc Kellops pliers  
101-15-5860-1

Round and concave heavy wire pliers.  
For forming loops in hard clasp wires or labial arch wires.  
Wire size: max. 0.8 mm (0.032")



flat bending pliers  
101-15-5864

Wire bending pliers, for wires.  
Wire size: max. 0.9 mm (0.036")



## WIRE FORMING PLIERS

O



short rounded jaws pliers  
101-15-5865

Double rounded jaw  
wire bending pliers, for wires.  
Wire size: max. 0.7 mm (0.028")

O



long rounded jaws pliers  
101-15-5868

Double rounded jaw  
wire bending pliers, for wires  
Wire size: max. 0.7 mm (0.028")

D



Angle pliers  
101-15-5866

Bird Beak Angle pliers for bending round,  
square or rectangular wire.  
Wire size: max. 0.7 mm (0.028")

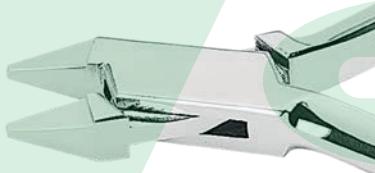
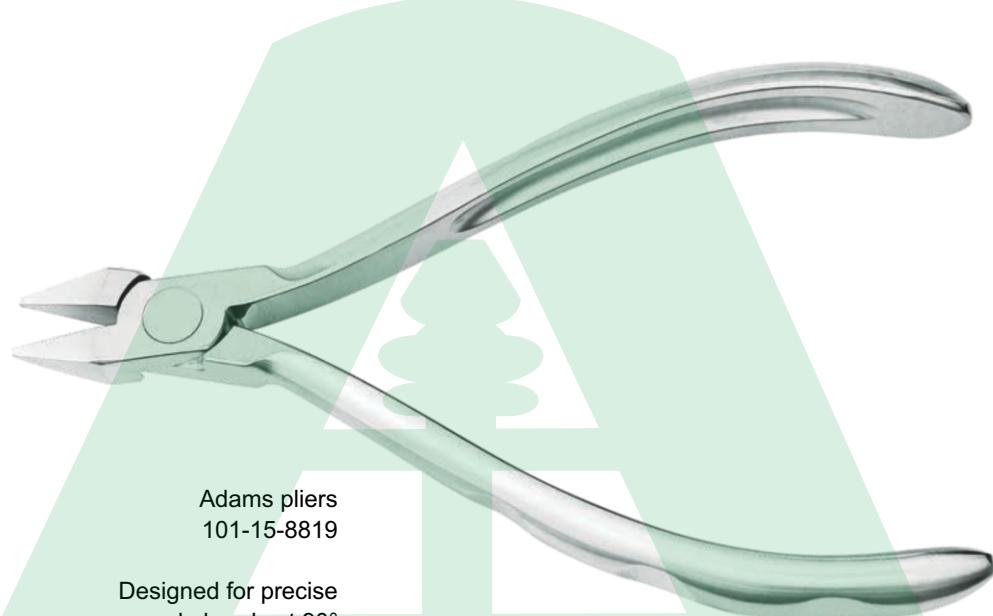


Angle pliers with cutter  
101-15-5838

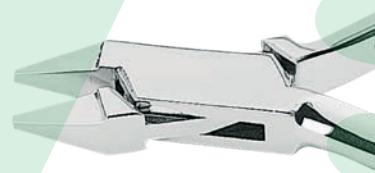
Bird beak pliers for bending round,  
square or rectangular wire. With cutter.  
Wire size: max. 0.7 mm (0.028")



## WIRE FORMING PLIERS



Adams pliers  
12.2 cm  
101-15-5867-1



Adams pliers  
14.2 cm  
101-15-5867-2



Johnson pliers  
101-15-8815

Crown & band  
contouring pliers

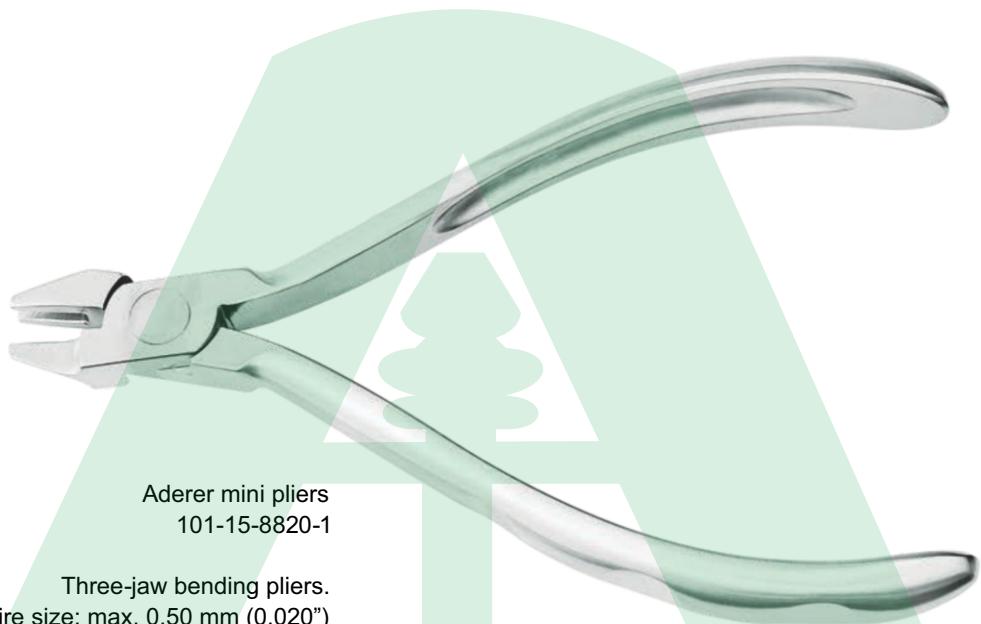


Johnson pliers  
101-15-5861



## WIRE FORMING PLIERS

□ □  
□



Aderer mini pliers  
101-15-8820-1

Three-jaw bending pliers.  
Wire size: max. 0.50 mm (0.020")

□ □  
□



Aderer standard pliers  
101-15-8820-2

Three-jaw bending pliers.  
Wire size: max. 0.70 mm (0.028")

Aderer standard pliers  
101-15-5869-2





## WIRE FORMING PLIERS

□  
○

universal bird beak pliers  
101-15-8818

Versatile loop  
forming pliers for wires

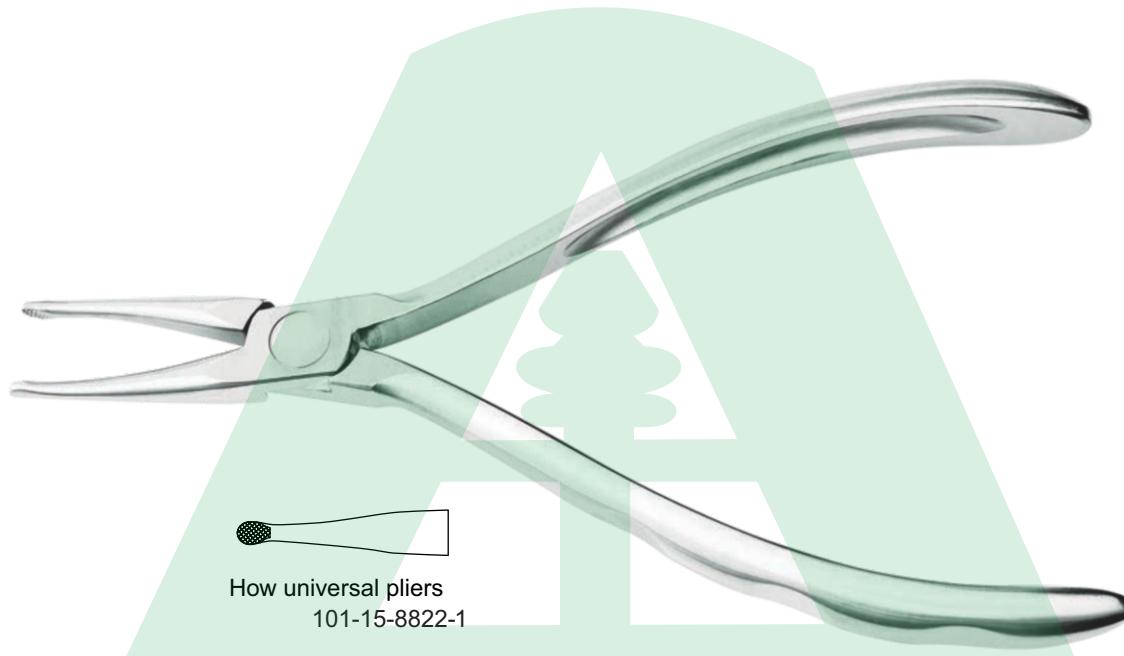
□  
○

bird beak pliers  
101-15-8821

Light wire pliers with groove  
with a longer cone that facilitates  
forming precise loops.  
The groove allows locating  
and duplicating loops.  
Wire size: max. 0.70 mm (0.028")



## WIRE FORMING PLIERS

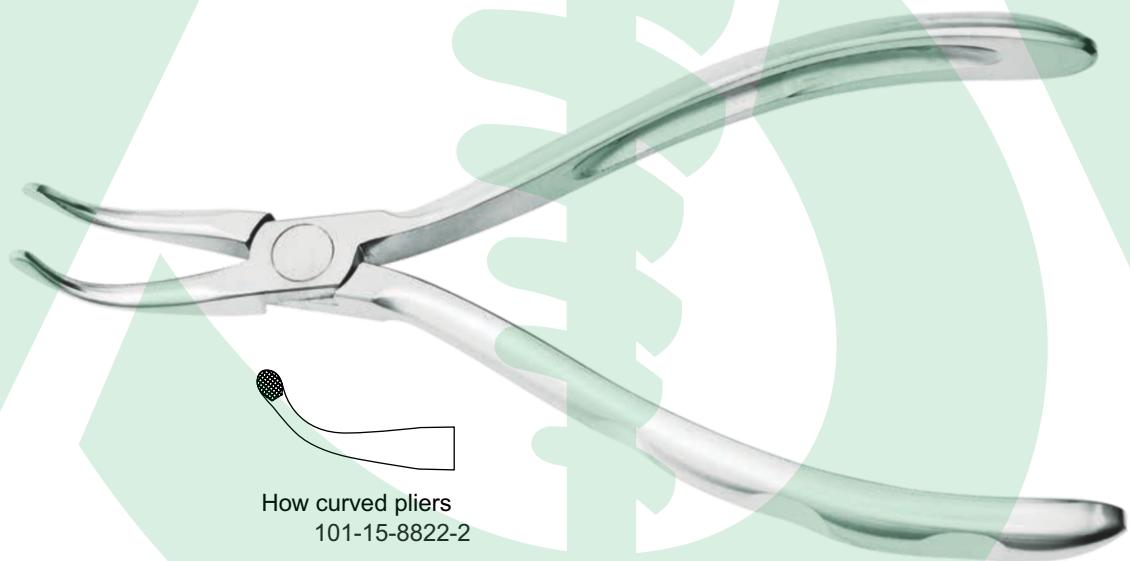


How universal pliers  
101-15-8822-1

Straight. Utility pliers with cross-serrated tips. Perfect to position and remove orthodontic arches and pins



How universal pliers  
101-15-5874-1



How curved pliers  
101-15-8822-2

Angled. Utility pliers with cross-serrated tips angled at 40° to easily reach areas of difficult access



How curved pliers  
101-15-5874-2



## WIRE FORMING PLIERS



light bird beak pliers  
101-15-5871

Designed for bending round,  
square or rectangular wires.  
Wire size: max. 0.4 mm (0.016")



flat bending pliers  
101-15-5875-1

Flat nose pliers with smooth beaks  
for bending wires.  
Wire size: max. 0.7 mm (0.028")



flat knurled bending pliers  
101-15-5875-2

Bending wires.  
Wire size: max. 0.7 mm (0.028")



knurled bending pliers  
101-15-5876-1

Wire size: max. 0.7 mm (0.028")

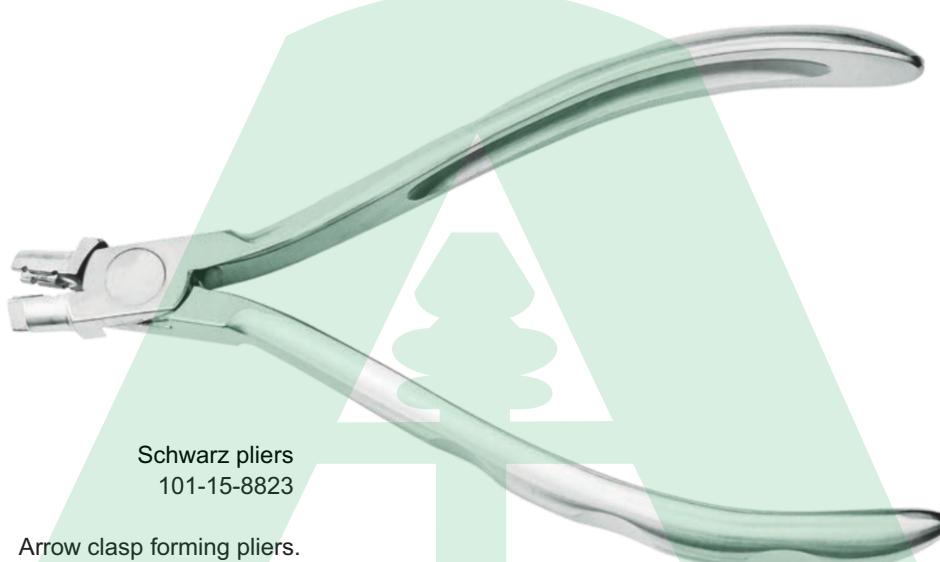


bending pliers  
101-15-5876-2

Wire size: max. 0.7 mm (0.028")



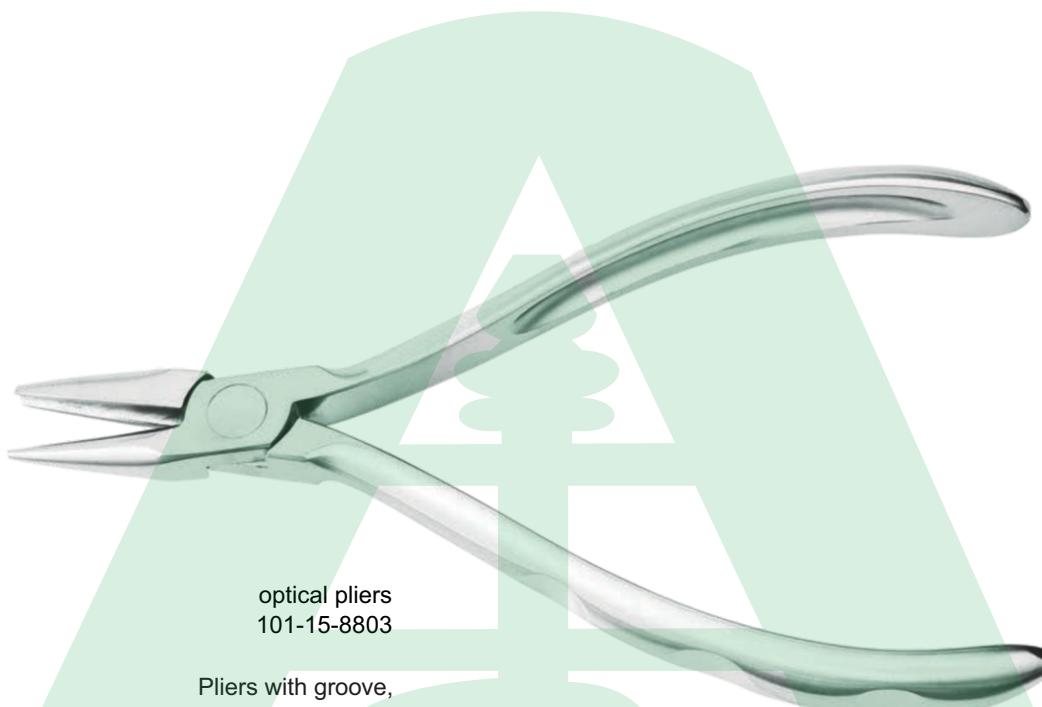
## WIRE FORMING PLIERS



Multi purpose pliers  
for easy wire bending  
and loop forming,  
without the use of heat



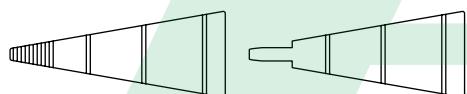
## WIRE FORMING PLIERS





## WIRE FORMING PLIERS

D



Jarabak pliers  
101-15-8829

Multipurpose light wire bending pliers.  
Grooves allow precise bending  
and closing of loops.  
Wire size: max. 0.70 mm (0.028")

V-stop pliers  
101-15-8830

Designed to place V-bend in arch wires,  
including nickel titanium and  
prevent archwire from travelling.  
Wire size: max. 0.70 mm (0.028")



## WIRE FORMING PLIERS

Nance precision pliers  
101-15-8816

universal Tweed pliers  
101-15-8804-1

Tweed omega pliers  
101-15-8804-2

lingual arch pliers  
101-15-8807-3

Adams pliers  
101-15-8819

hammerhead NiTi pliers  
101-15-8825

V-stop pliers  
101-15-8830

mini arch bending pliers  
101-15-8807-1  
arch bending pliers  
101-15-8807-2

Aderer mini pliers  
101-15-8820-1  
Aderer standard pliers  
101-15-8820-2

universal bird beak pliers  
101-15-8818  
bird beak pliers  
101-15-8821

Schwarz pliers  
101-15-8823

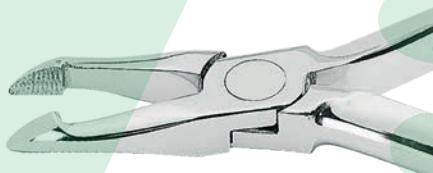


## UTILITY PLIERS

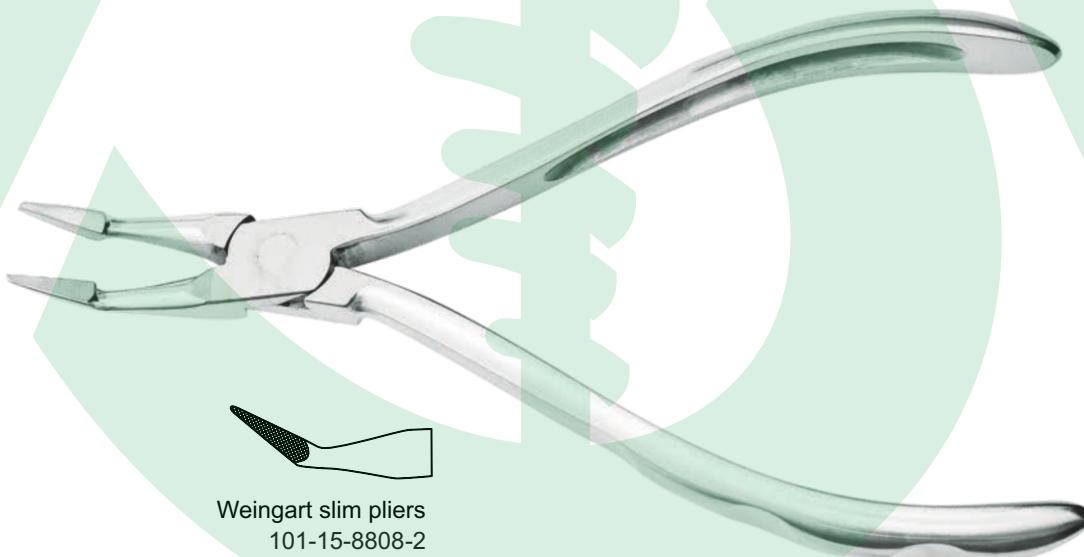


Weingart pliers  
101-15-8808-1

Utility pliers  
with cross-serrated tips,  
ideal for ligatures



Weingart pliers  
101-15-5819



Weingart slim pliers  
101-15-8808-2

Slim utility pliers  
with cross-serrated tips,  
ideal for ligatures



## UTILITY PLIERS



wide beak removing pliers  
101-15-5826-1

Direct bonding bracket remover with "Wide beak" pad.  
Designed for quick, comfortable removal of direct bonded brackets and elimination of adhesive residues. Wide tip.



narrow beak removing pliers  
101-15-5826-2

Direct bonding bracket remover with "Narrow beak" pad.  
Similar to 101-15-5826-1



short posterior band remover  
101-15-8811-1

Posterior band and bracket removing pliers, short. The tip is aligned below the lower end of the occlusal pad.



short posterior band remover  
101-15-5828-1



4.4 mm (1/4")  
101-15-5826-CR1  
replacement pads  
for 101-15-5826-1-2, 101-15-5828-1-2



4.8 mm (3/16")  
101-15-5826-CR2  
replacement pads  
for 101-15-5826-1-2, 101-15-5828-1-2

101-15-8811-1P  
replacement for  
101-15-8811-1 and 101-15-8811-2



## UTILITY PLIERS



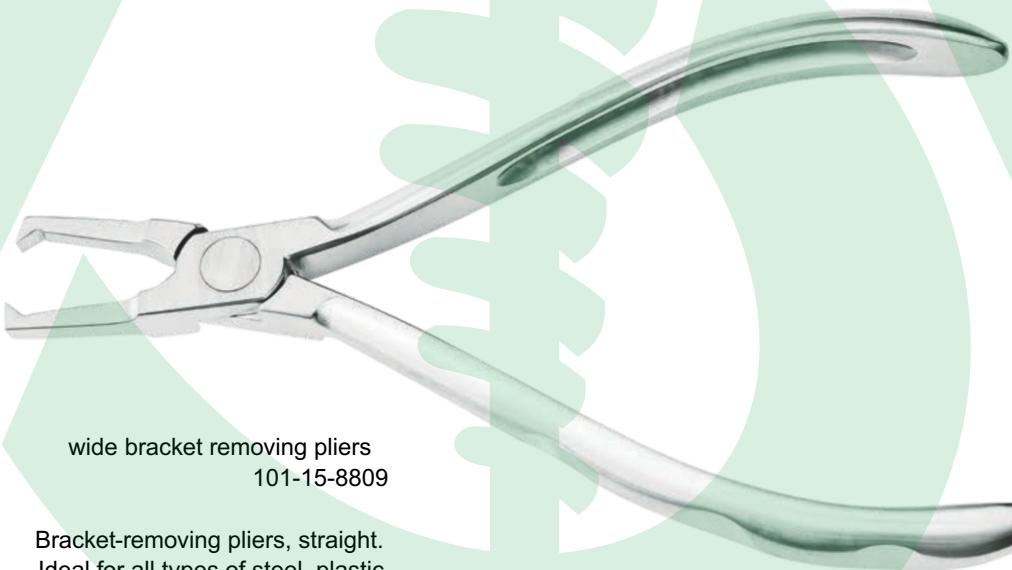
101-15-8811-1P  
replacement for  
101-15-8811-1 and 101-15-8811-2

long posterior band remover  
101-15-8811-2

Long posterior band and bracket  
removing pliers, long.  
The tip is centered on the occlusal pad



long posterior band remover  
101-15-5828-2



wide bracket removing pliers  
101-15-8809

Bracket-removing pliers, straight.  
Ideal for all types of steel, plastic  
and ceramic brackets



wide bracket removing pliers  
101-15-5824-1

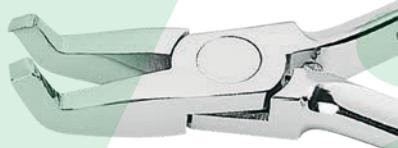


## UTILITY PLIERS

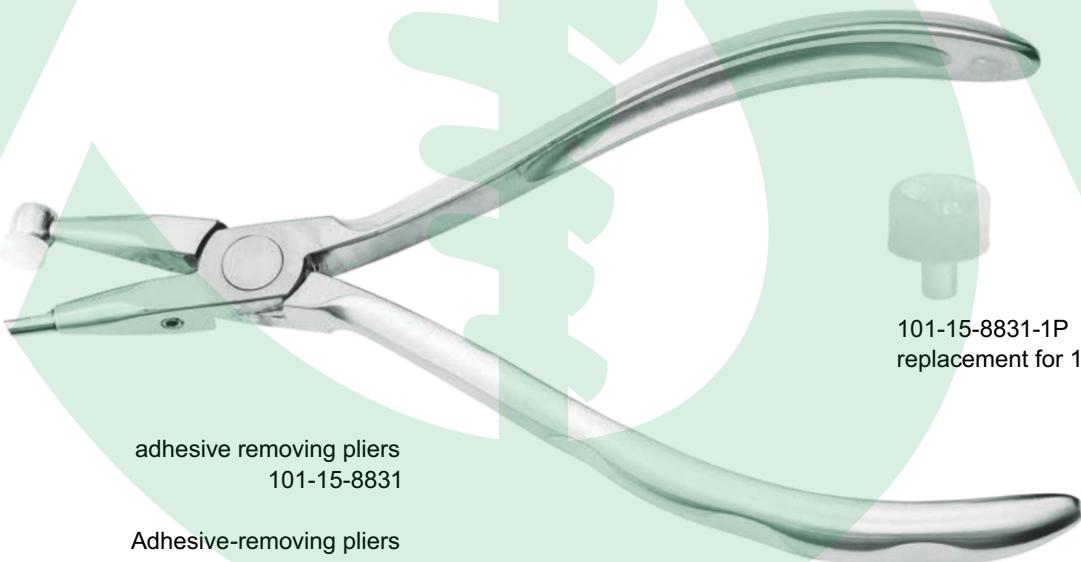


angled bracket removing pliers  
101-15-8810

Bracket-removing pliers, angled.  
Ideal for all types of steel,  
plastic and ceramic brackets



angled bracket removing pliers  
101-15-5825



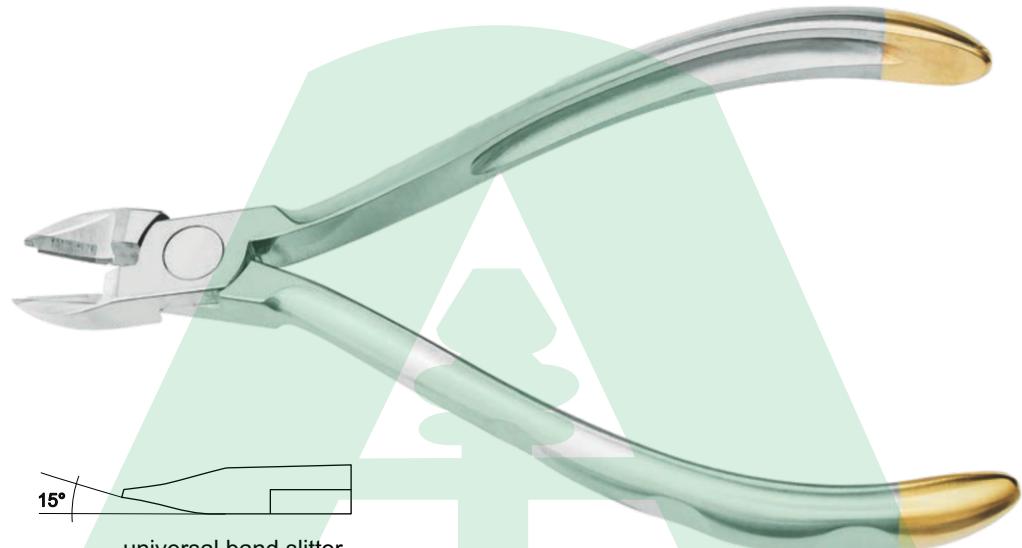
adhesive removing pliers  
101-15-8831

Adhesive-removing pliers  
with reversible and  
replaceable blade

101-15-8831-1P  
replacement for 101-15-8831



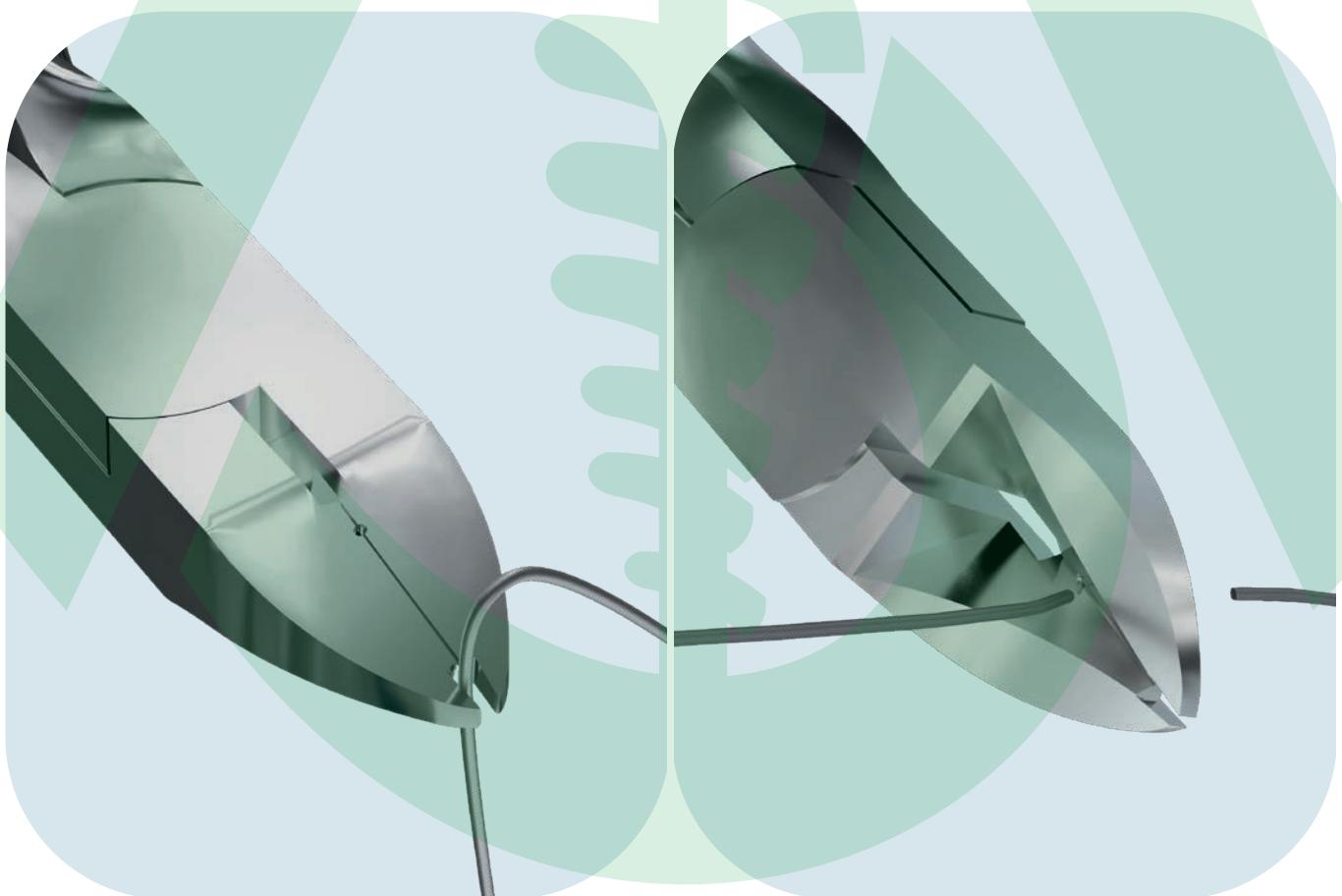
## UTILITY PLIERS



universal band slitter  
101-15-8828-1TC

Band slitter.  
Wire size: max. 0.40 mm (0.015")

101-15-8828-1TC





## HAND INSTRUMENTS

direct bond bracket holders  
self-holding with reverse action  
will not release the bracket until pressed

band pusher

band setter  
with tin insert

band pusher  
used in all heat  
sterilizers





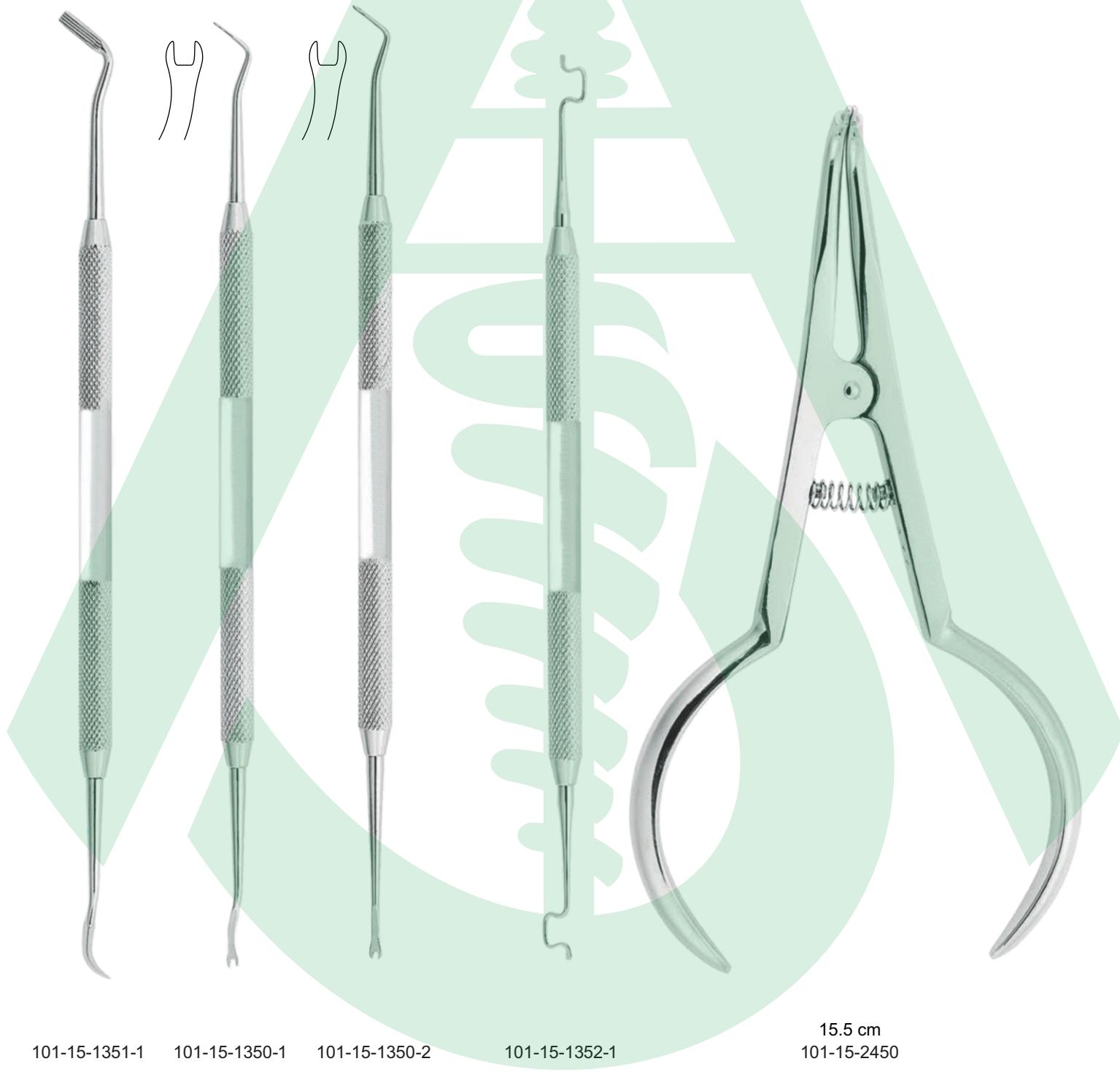
## HAND INSTRUMENTS

ligature instruments

band seating and  
removing instruments

elastic  
instrument

separating pliers for  
elastics and separators





## HAND INSTRUMENTS

bracket placement marker  
measuring gauge 3.5 / 4.0 / 4.5 / 5.0 mm

ligature and archwire tucker



8832

2 mm

3 mm

elastic forceps



1 Halstead-Mosquito  
straight  
12 cm  
101-15-0507-1

2 Halstead-Mosquito  
curved  
12 cm  
101-15-0507-2

Luniatschek  
101-15-1355-1      Luniatschek  
101-15-1355-2



## ORTHO / PROTHESYS BOXES



Blue  
101-15-6900E-A



White  
101-15-6900E-B



Light blue  
101-15-6900E-C



Yellow  
101-15-6900E-G



Pink  
101-15-6900E-R



Green  
101-15-6900E-V



## IMPORTANT NOTES.