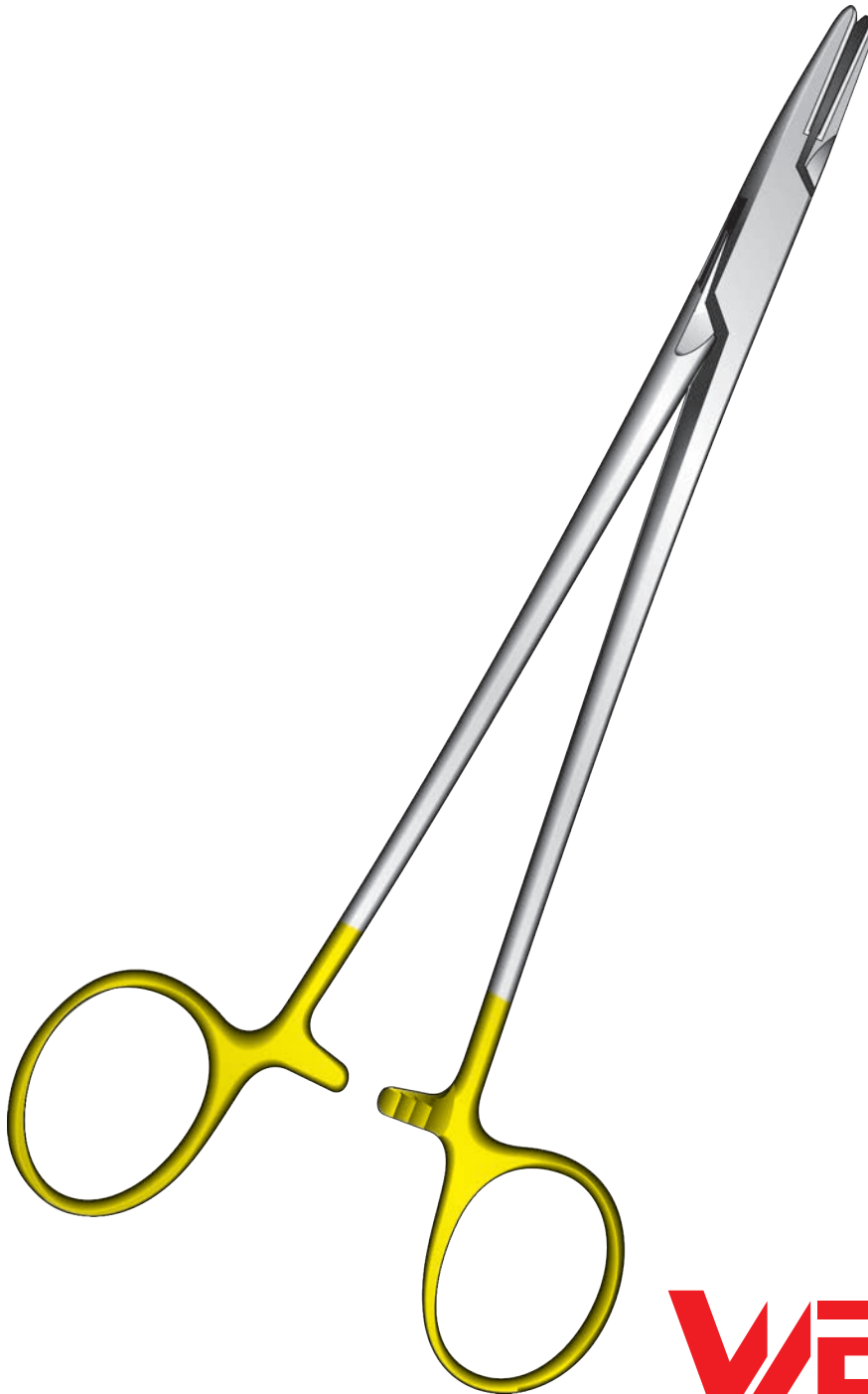


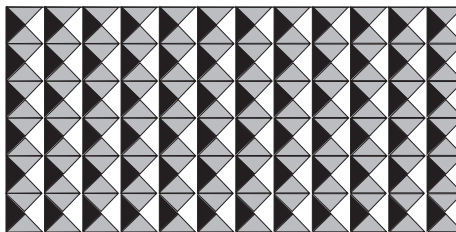
TC NEEDLE HOLDERS



- Wide selection of patterns for all facets of surgery with many WELMED INSTRUMENTS exclusive specialties
- Five different Tungsten Carbide insert styles for needle and suture sizes up to 10-0.
- Precisely machined and handcrafted for long lasting performance
- Gold-plated ring-handles for easy identification



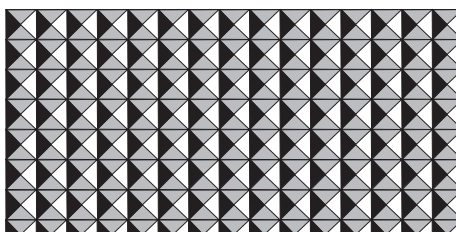
Serrations: 0.5 mm - REGULAR



REGULAR

This tooth size is ideal for use in standard pattern needle holders like Mayo-Hegar, Mathieu, Bozeman a.o. And in needle-pulling tissue forceps. For holding large needles with sutures sized 3-0 and larger.

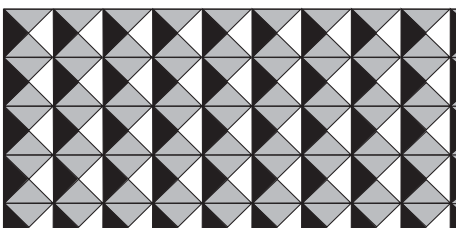
Serrations: 0.4 mm - FINE



FINE

Best for use in needle holders such as Crile-Wood, DeBakey, Ryder, a.o. And in delicate needle pulling tissue forceps. For holding needles and sutures between 4-0 and 6-0.

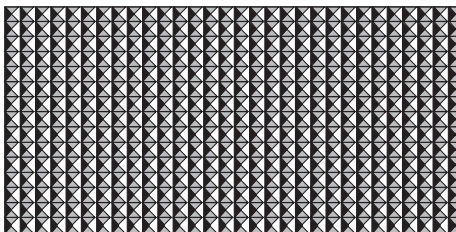
Serrations: 0.65 mm - COARSE



COARSE

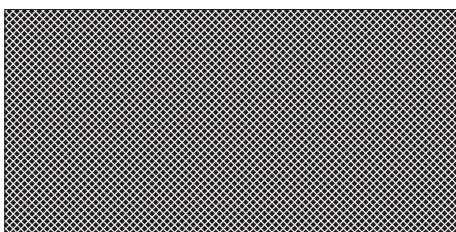
This coarsely serrated insert is placed in the most powerful needle holder patterns and wire twisters and assures maximum holding ability when using heavy needles or surgical wire.

Serrations: 0.2 mm - MICRO



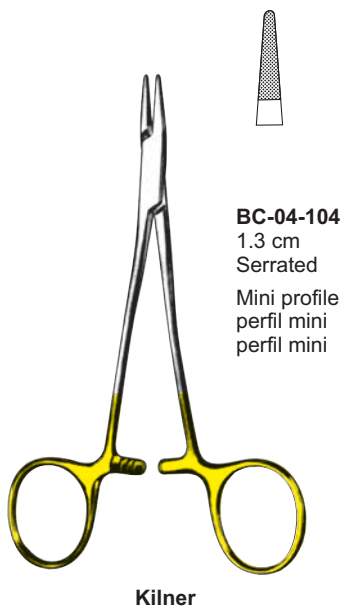
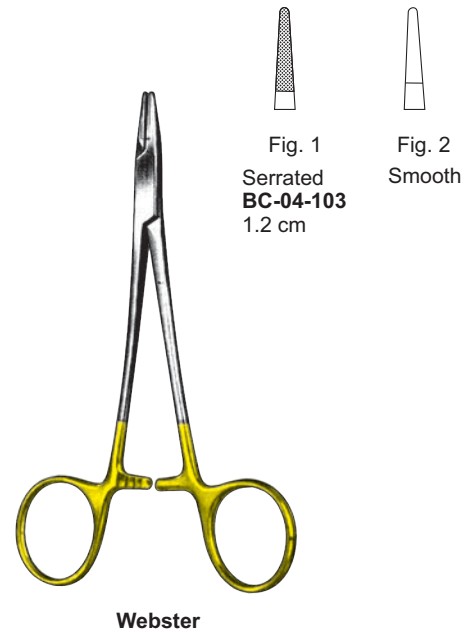
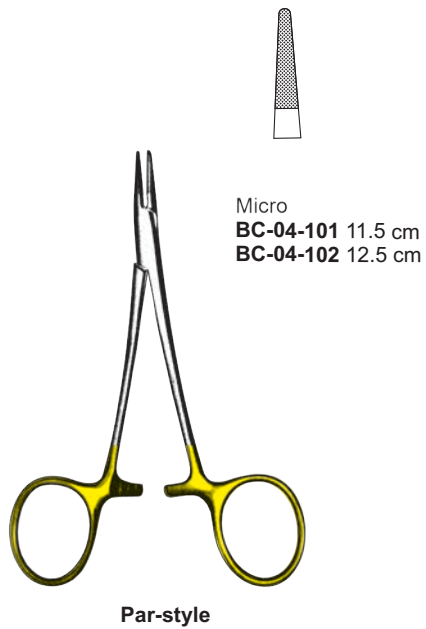
MICRO

This micro size is extremely effective for use in micro surgical needle holders like Castroviejo, Mini-Ryder, Microvascular, Lemmon and other micro oriented needle holders. For use with the most delicate needles and sutures from size 7-0 to 10-0. Excellent delicate needle holding ability without minimal damage to needle or suture.



SMOOTH

The smooth insert is designed to hold the smaller suture sizes without damage to the suture or needle. Its needleholding ability is somewhat limited, however. Used primarily in needle holders for plastic surgery and microsurgery.

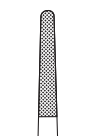




Smooth
BC-04-106
13 cm

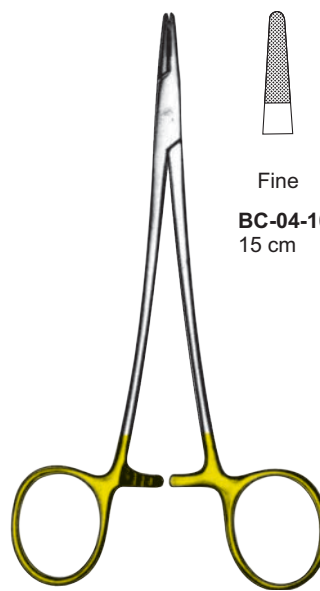
Smooth jaw
boca lisa
mors lisse

Halsey



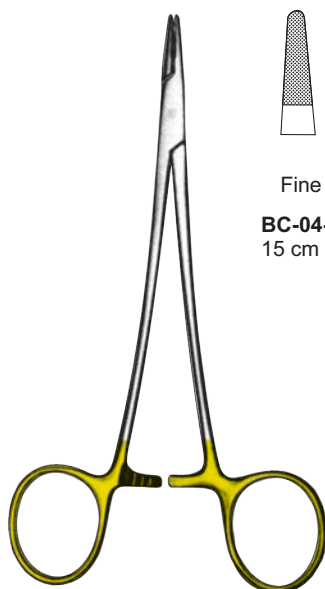
Serrated
BC-04-107
13 cm

Mini profile
perfil mini
profil mini



Fine
BC-04-108
15 cm

Baby Crile-Wood



Fine
BC-04-109
15 cm

Crile-Wood



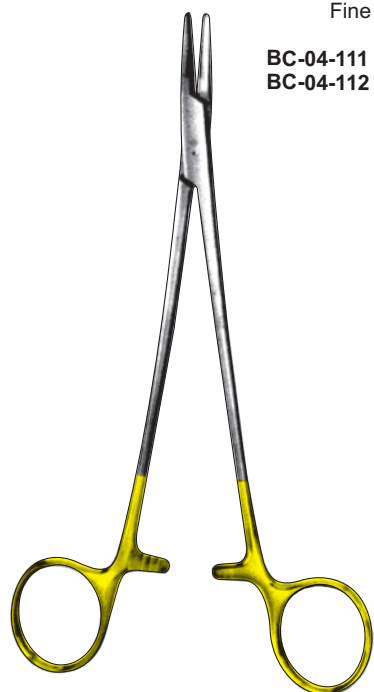
Smooth
BC-04-110
15 cm

Crile-Wood



Fine

BC-04-111 18 cm
BC-04-112 20 cm



Crile-Wood



Fine

BC-04-113 23 cm
BC-04-114 26.5 cm
BC-04-115 30 cm



Crile-Wood



Fine

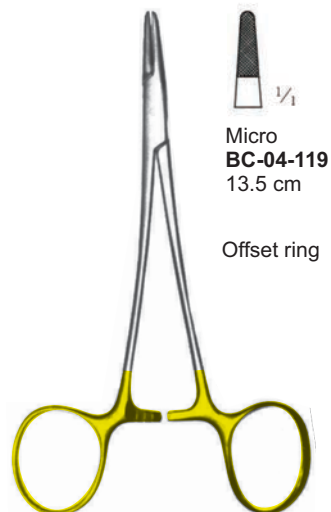
BC-04-116
18 cm



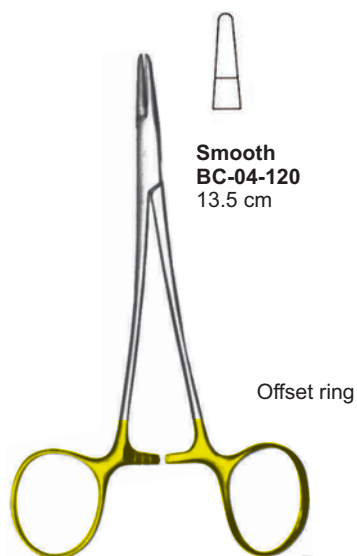
Crile-Wood



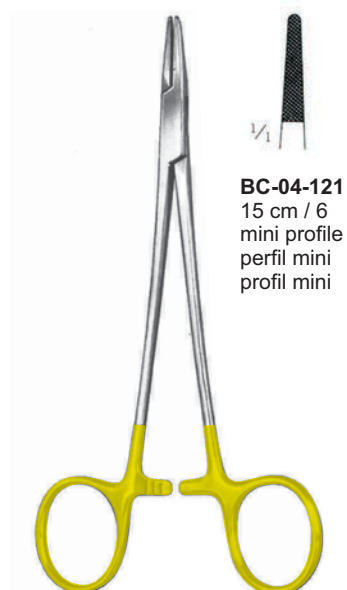
HEGAR-BAUMGARTNER



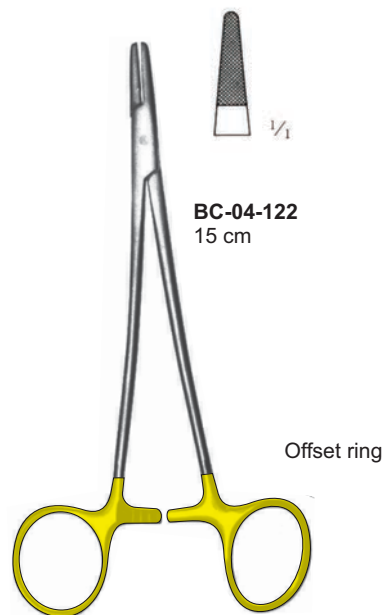
NEIVERT



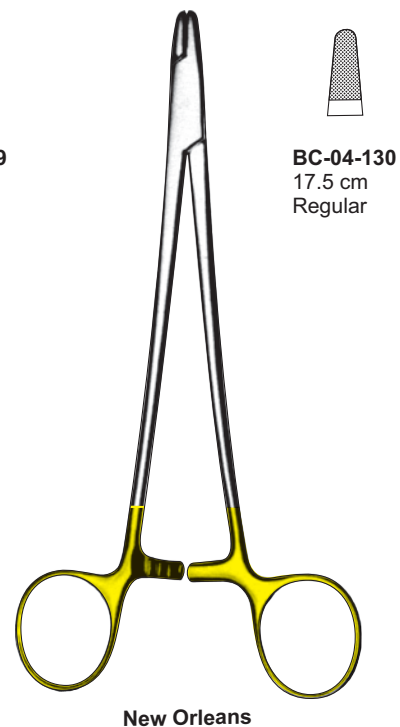
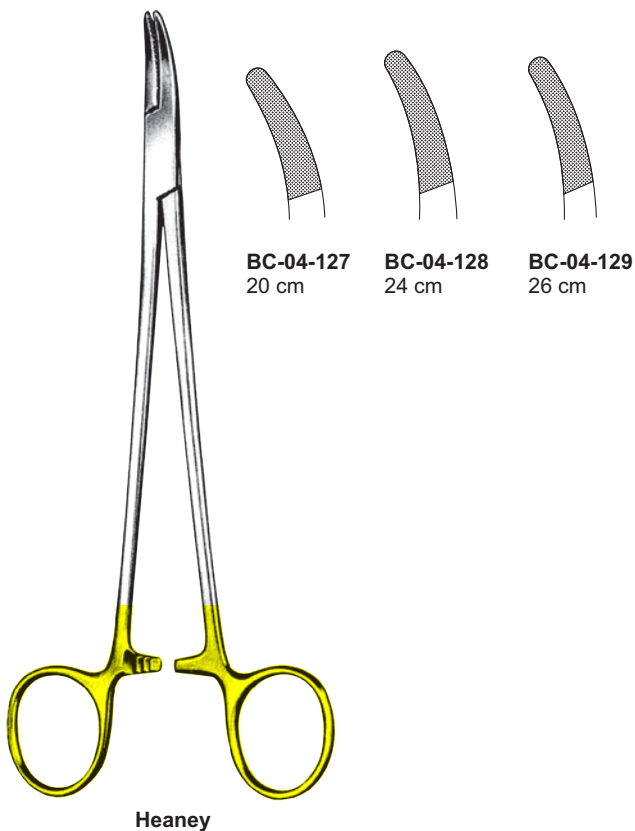
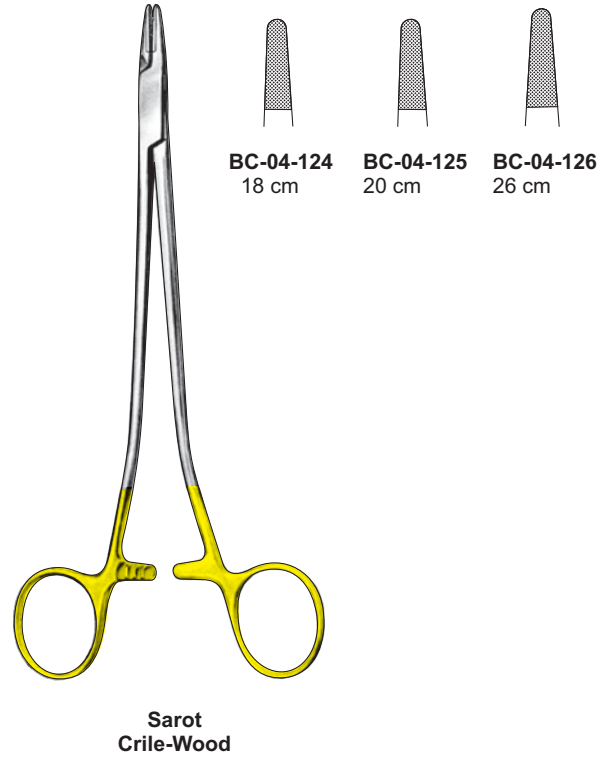
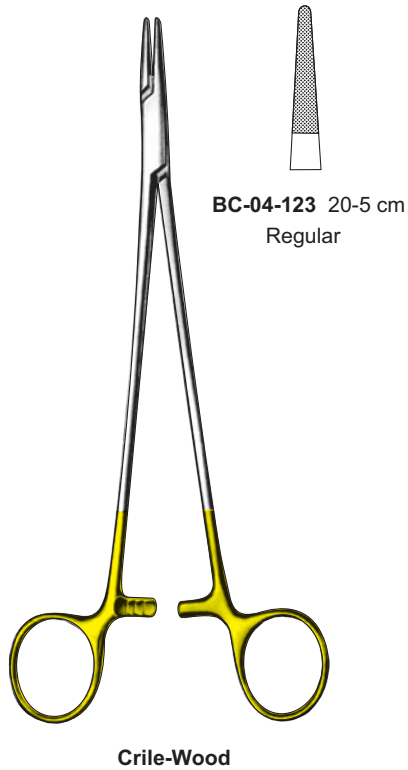
NEIVERT

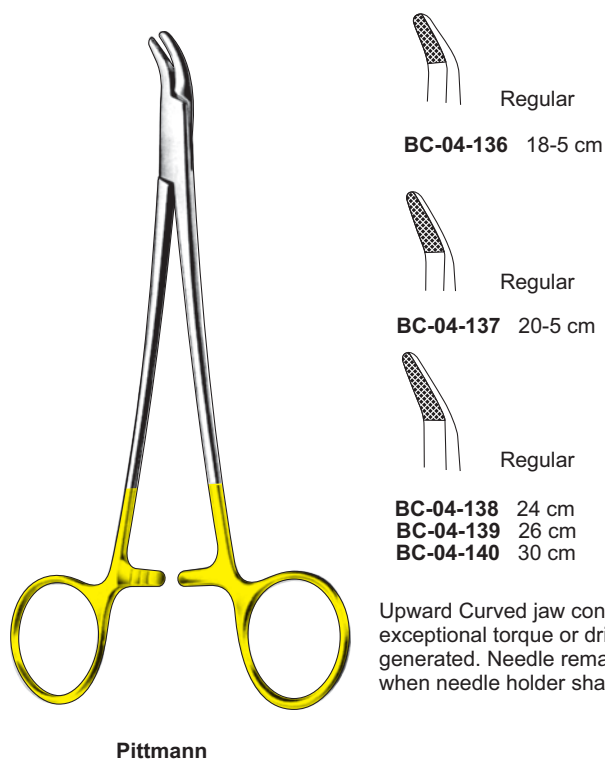
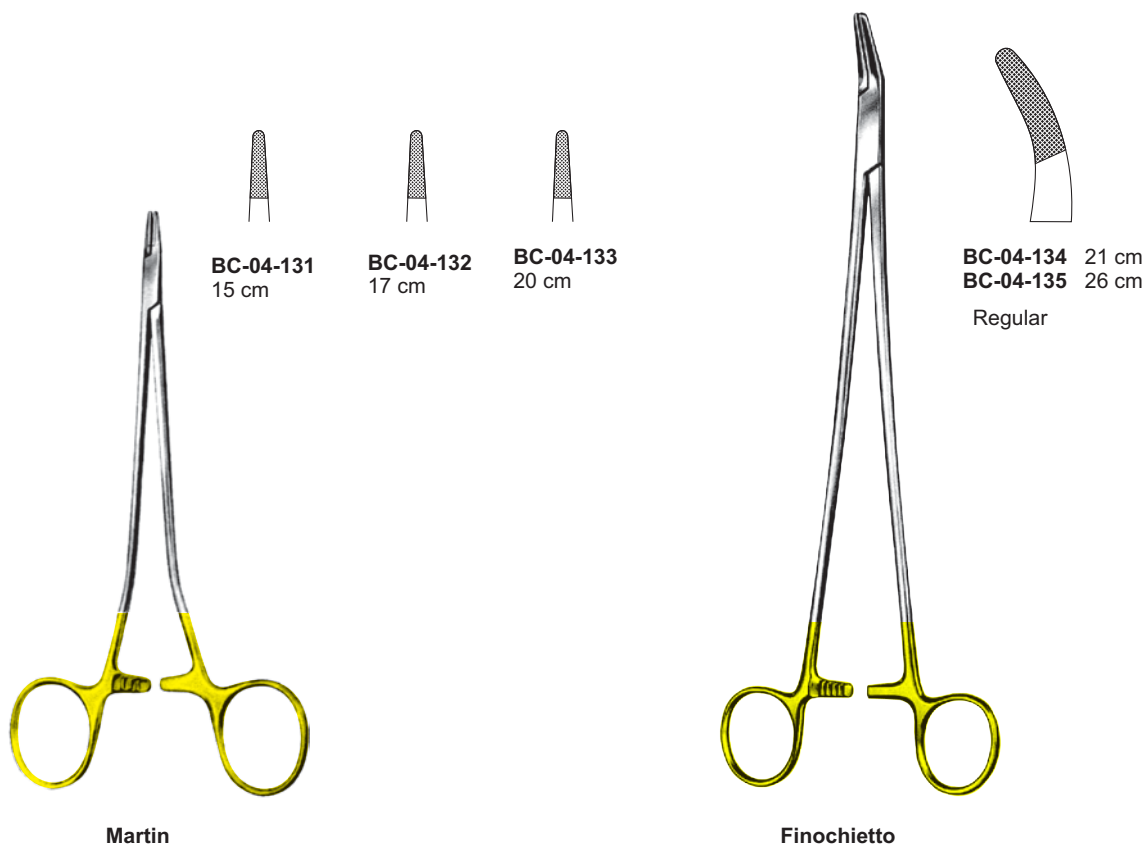


CRILE-WOOD

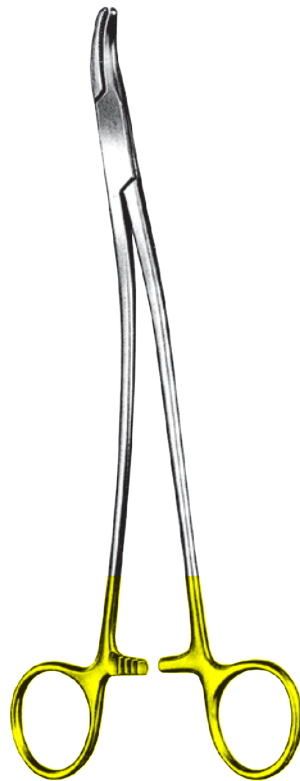


CRILE-WOOD MODIF





Upward Curved jaw configuration allows exceptional torque or driving force to be generated. Needle remains in upward position when needle holder shanks are at 45° angle.



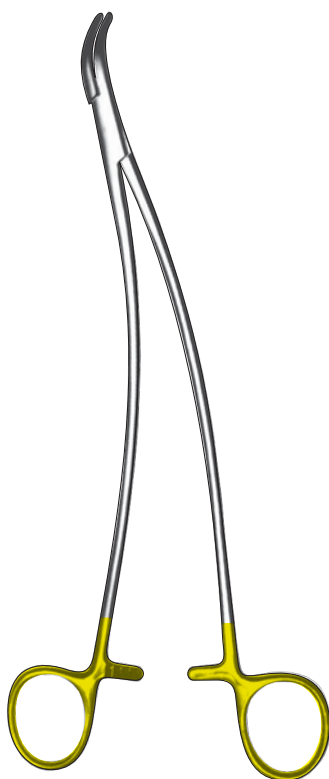
Stratte



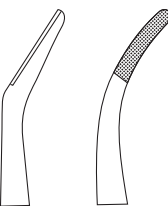
BC-04-141
23 cm



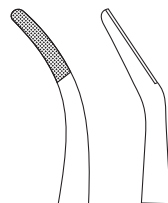
BC-04-142
23 cm



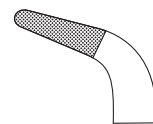
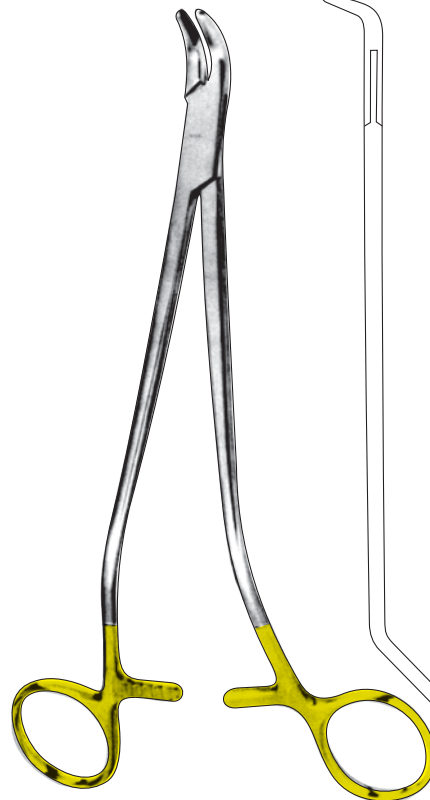
Stratte Delicate



BC-04-143
21 cm
Regular



BC-04-144
21 cm
Regular



BC-04-145 20 cm
BC-04-146 25 cm
BC-04-147 28 cm
 Regular



Regular

BC-04-148 19.5 cm
BC-04-149 21.5 cm
BC-04-150 24.5 cm
Regular pattern

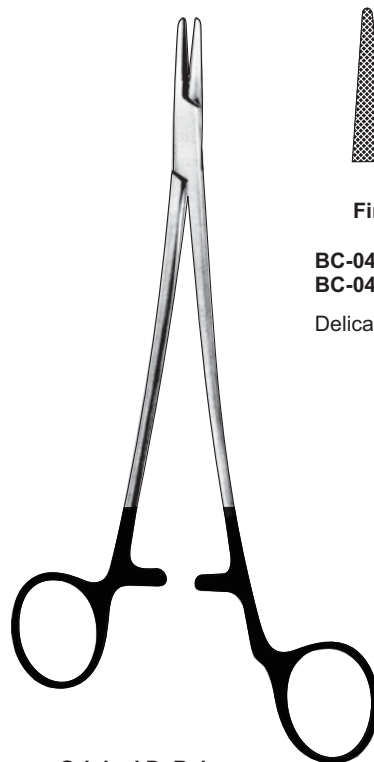
Original DeBakey



Fine

BC-04-151 16.5 cm
Delicate pattern

Original DeBakey

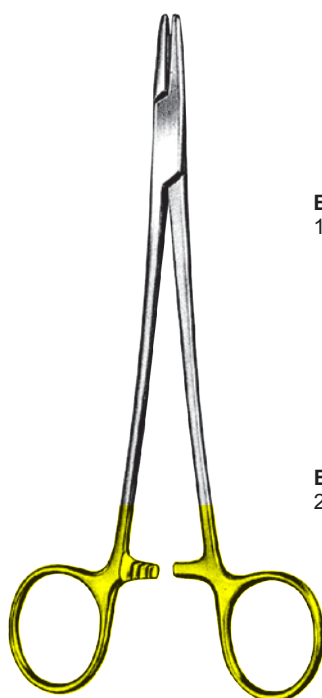


Fine

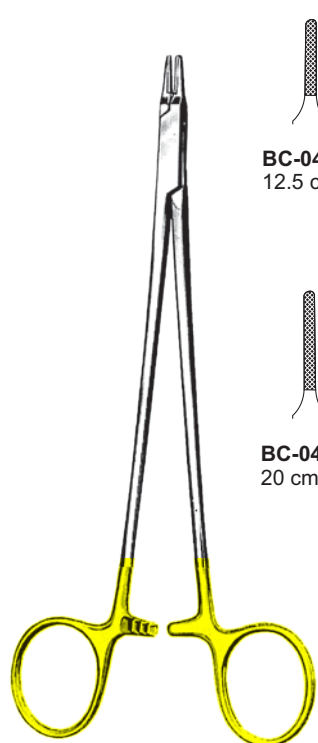
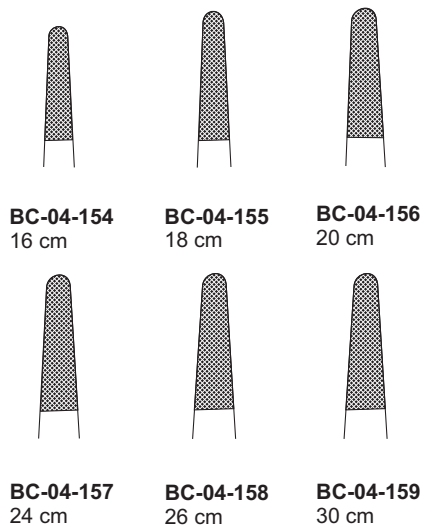
BC-04-152 19.5 cm
BC-04-153 24.5 cm
Delicate pattern

Original DeBakey

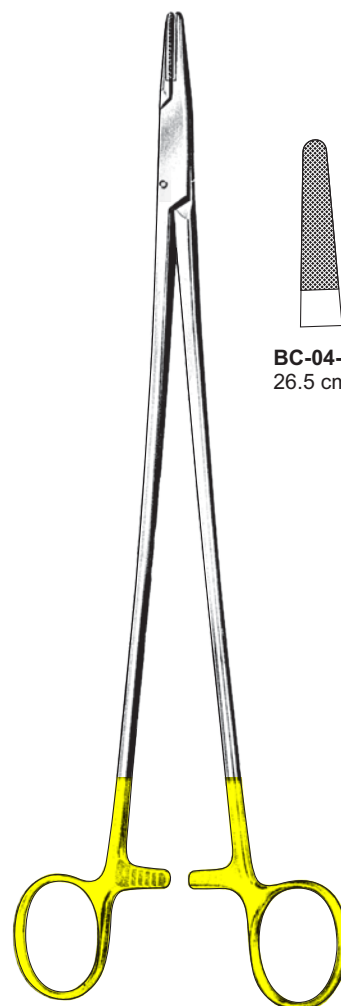
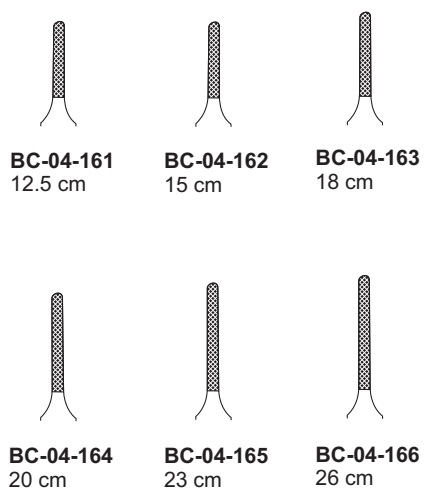
With black oxidized ring handles
for identification as "Original DeBakey"



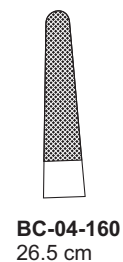
Mayo-Hegar



Ryder

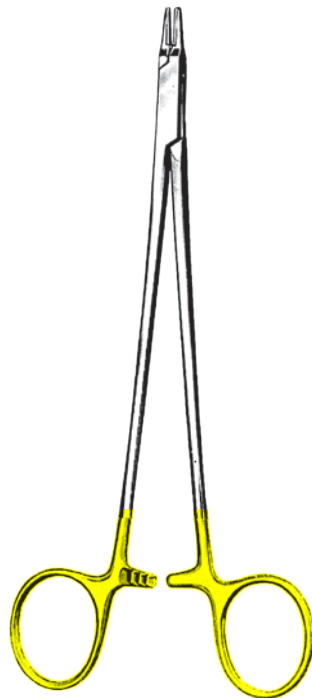
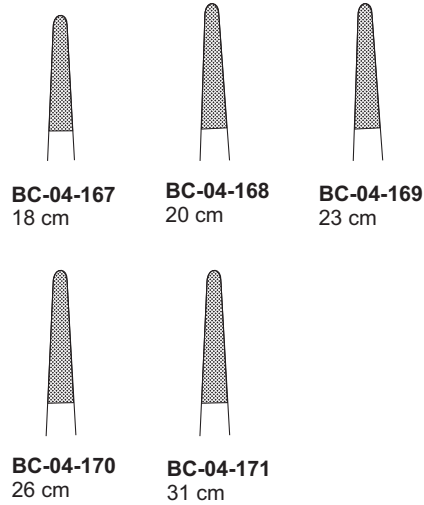


Masson

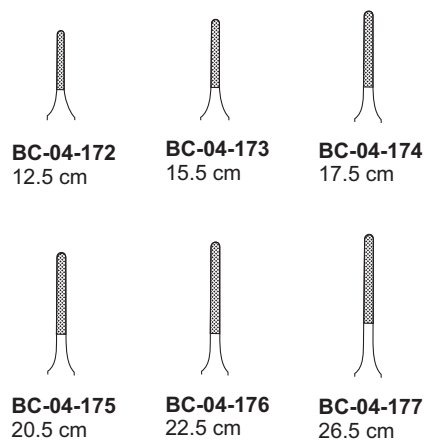


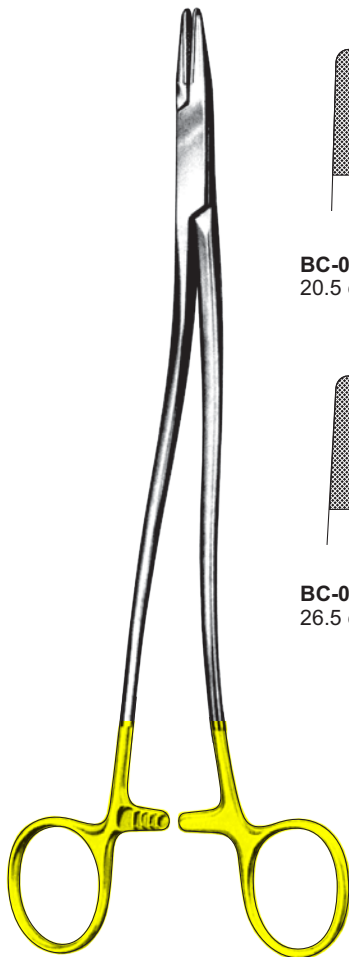


Debakey



Ryder-Vascular





Bozemann



BC-04-178
20.5 cm



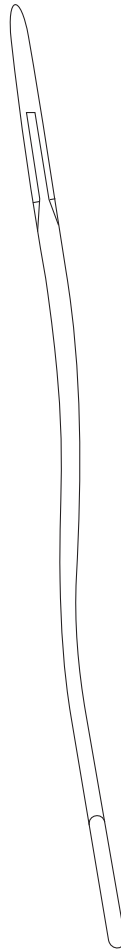
BC-04-179
24 cm



BC-04-180
26.5 cm



BC-04-181
29 cm



BC-04-182
27 cm



Hegar-Vascular



BC-04-183
14 cm



BC-04-184
18.5 cm



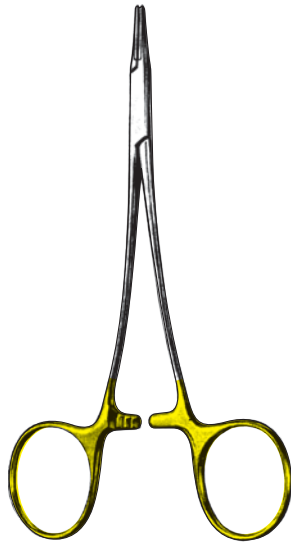
BC-04-185
20.5 cm



BC-04-186
23 cm



Wangensteen



Martini



BC-04-187
14 cm



BC-04-188
16 cm



BC-04-189
17.5 cm



BC-04-190
20 cm



BC-04-191
14 cm



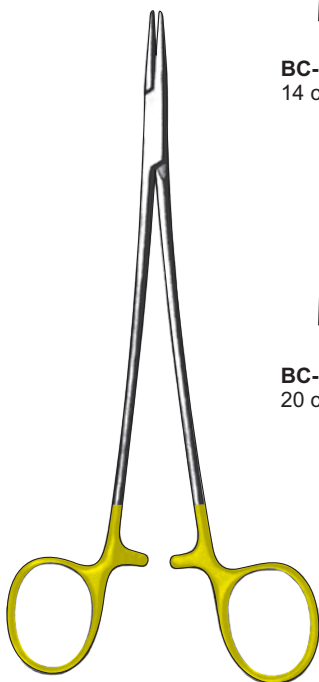
BC-04-192
16 cm



BC-04-193
17.5 cm



BC-04-194
20 cm



Micro-Vascular



BC-04-195
14 cm



BC-04-196
17.5 cm



BC-04-197
20 cm



BC-04-198
23 cm



Hegar



BC-04-199
20 cm

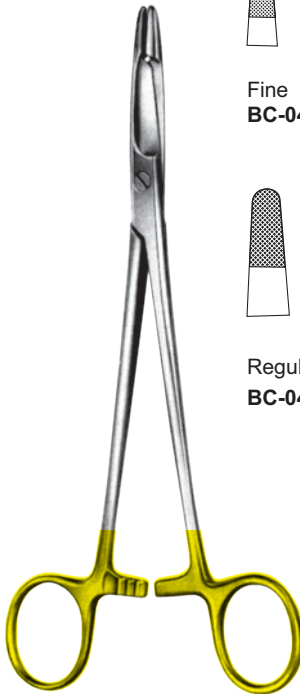


BC-04-200
23.5 cm



Fine
BC-04-201 14.5 cm

Olsen-hegar



Fine
BC-04-202 17 cm

Olsen-hegar



Regular
BC-04-203 18.5 cm

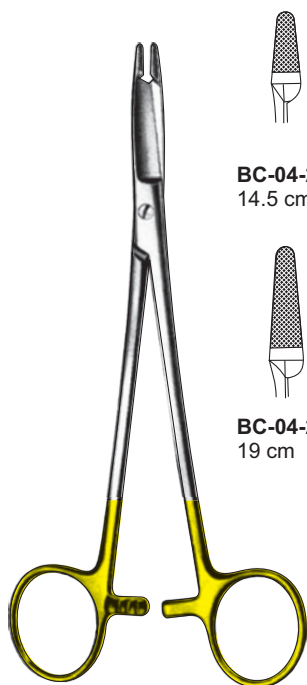


Smooth
BC-04-204 14.5 cm

Olsen-hegar



Smooth
BC-04-205 17 cm



BC-04-206 14.5 cm



BC-04-207 17 cm



BC-04-208 19 cm

Foster-Gillies



Smooth
BC-04-209 10.5 cm

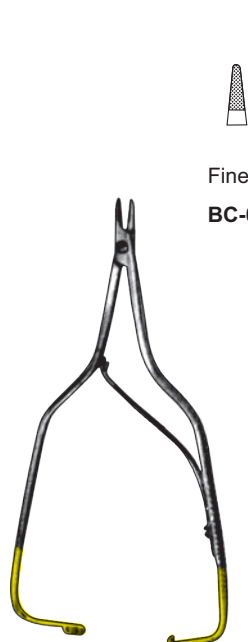


Fine
BC-04-210 16 cm



Smooth
BC-04-211 16 cm

Gillies- Webster



Boynton



Fine

BC-04-212 12 cm

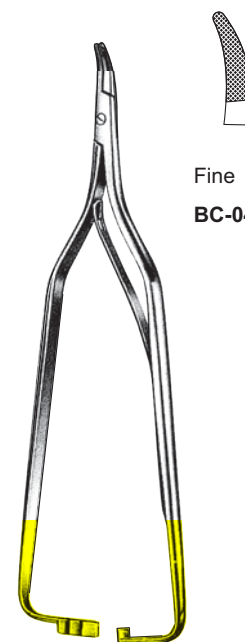


Arruga



Fine

BC-04-213 16.5 cm

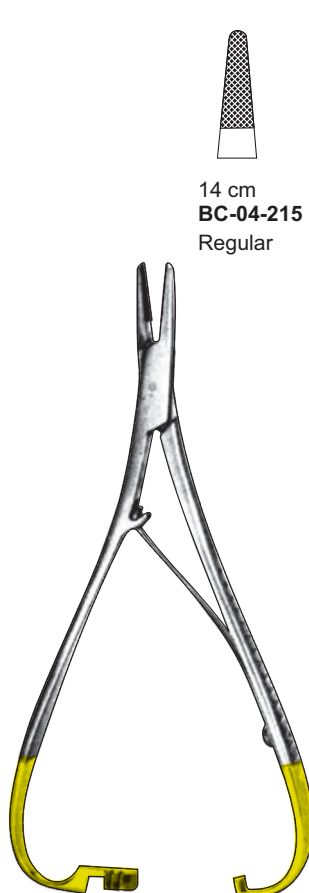


Arruga



Fine

BC-04-214 16.5 cm



Mathieu



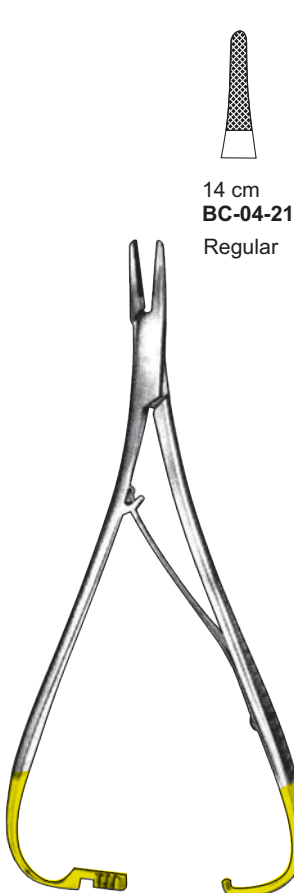
14 cm
BC-04-215
Regular



17.5 cm
BC-04-216



20 cm
BC-04-217



Mathieu-Kocher



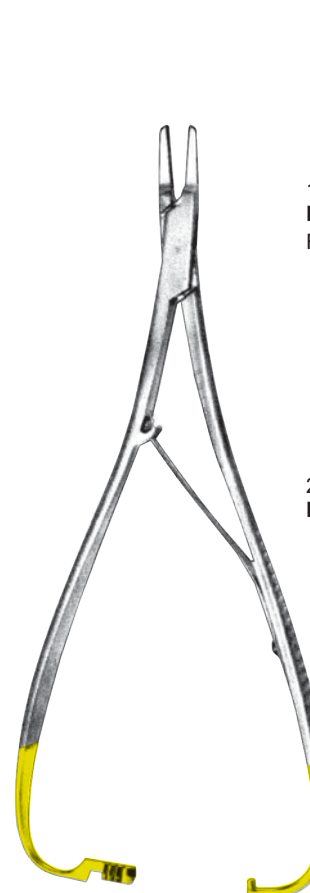
14 cm
BC-04-218
Regular



17.5 cm
BC-04-219



20 cm
BC-04-220



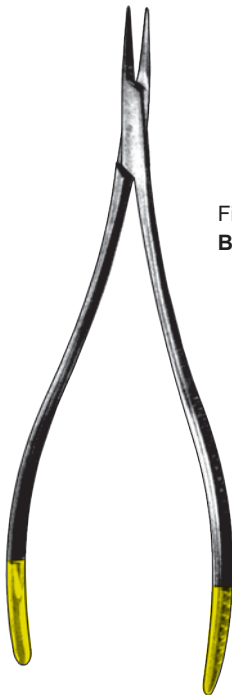
Mathieu-Ryder



17.5 cm
BC-04-221
Fine

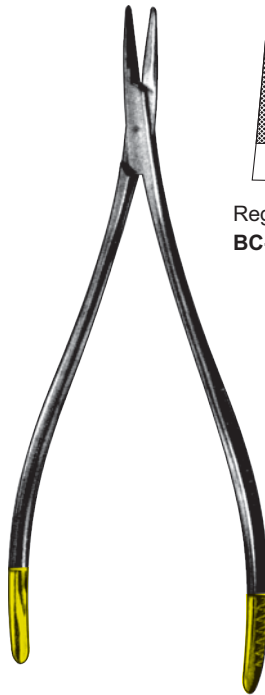


20 cm
BC-04-222



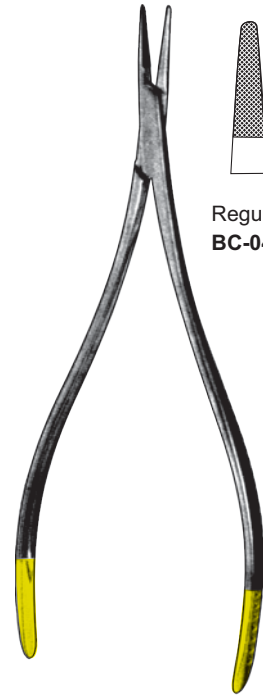
Fine
BC-04-223 18 cm

Toennis Delicate



Regular
BC-04-224 18 cm

Toennis Delicate



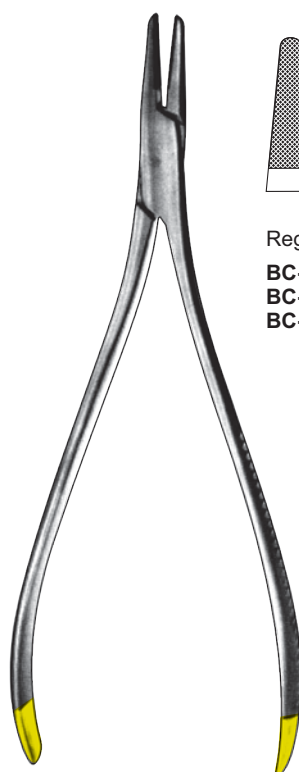
Regular
BC-04-225 18 cm

Toennis



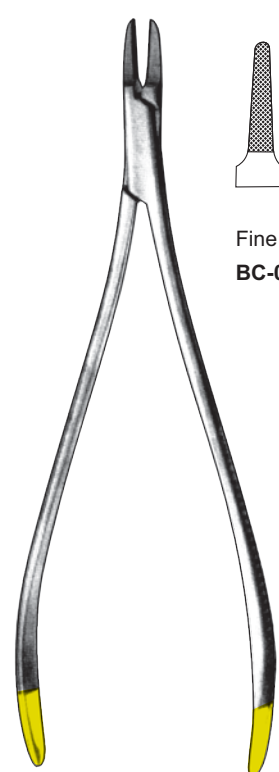
Regular
BC-04-226 20 cm

Toennis



Regular
BC-04-227 16 cm
BC-04-228 18 cm
BC-04-229 20 cm

Langenbeck



Fine
BC-04-230 20 cm

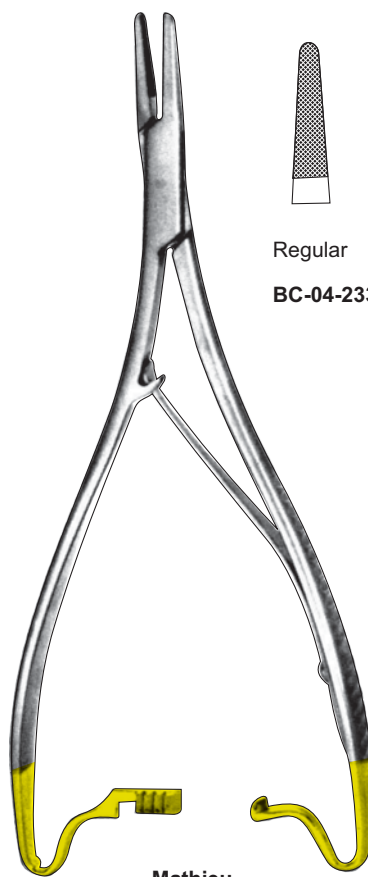
Langenbeck-Ryder



Regular
BC-04-231
16.5 cm



Regular
BC-04-232
20 cm



Regular
BC-04-233 23 cm



Interior Ratchet



Regular
BC-04-234 21.5 cm



Regular
BC-04-235
20 cm



Mathieu-Eiselsberg

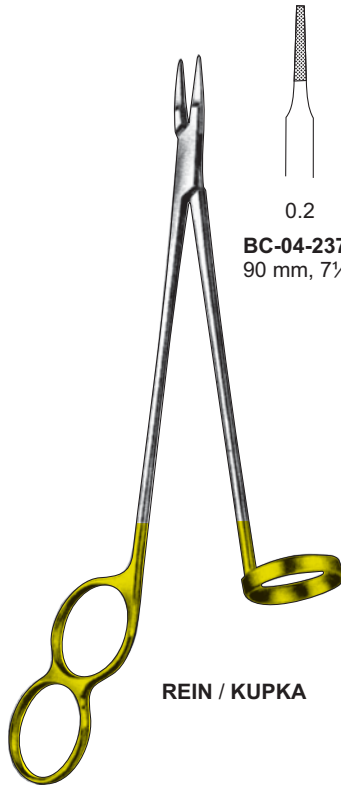
Hoesel
www.welmedinst.com



0.2

BC-04-236
 210 mm, 8¼"

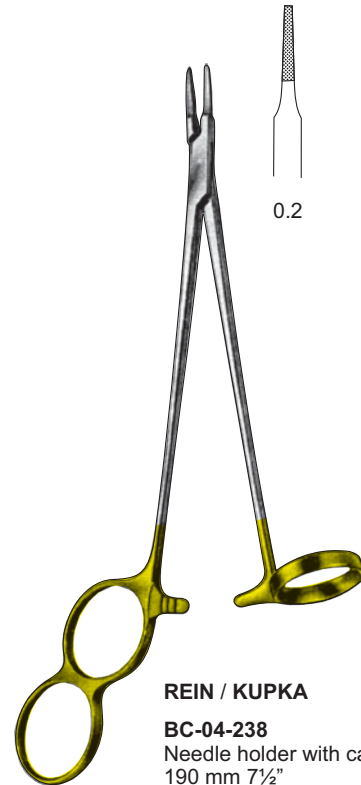
HELLBERG / KUPKA



0.2

BC-04-237
 90 mm, 7½"

REIN / KUPKA



0.2

REIN / KUPKA

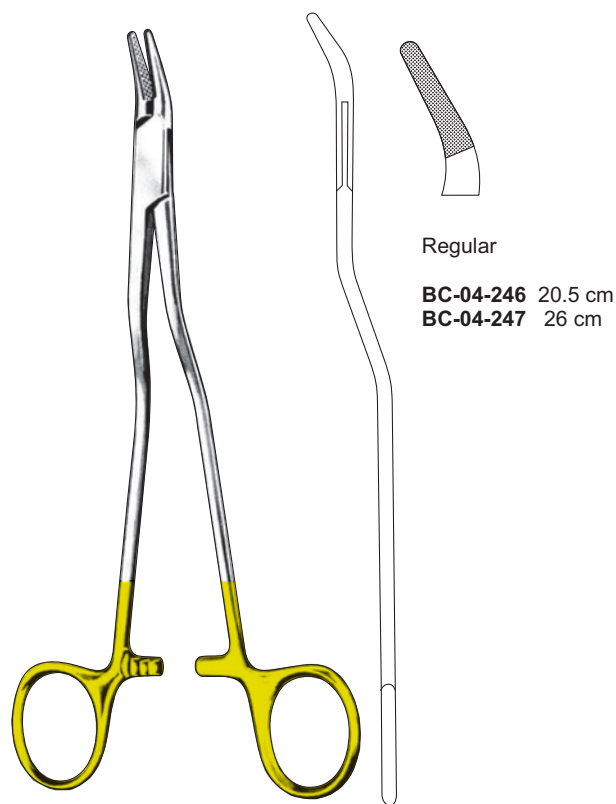
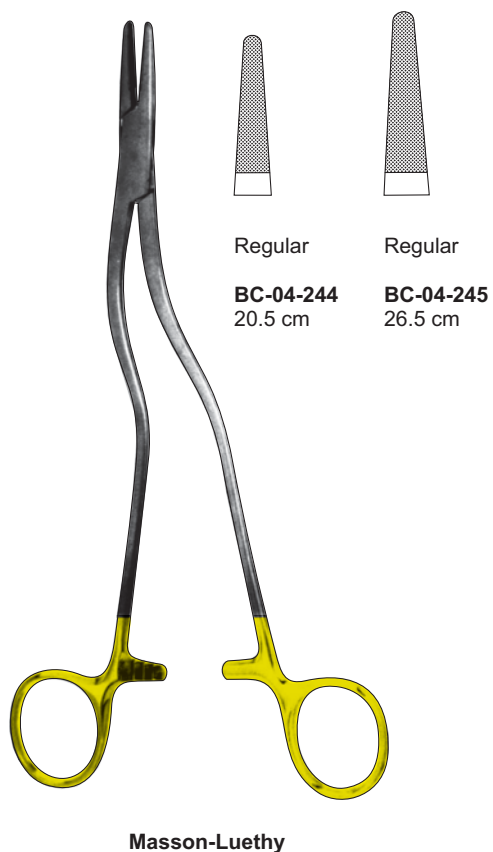
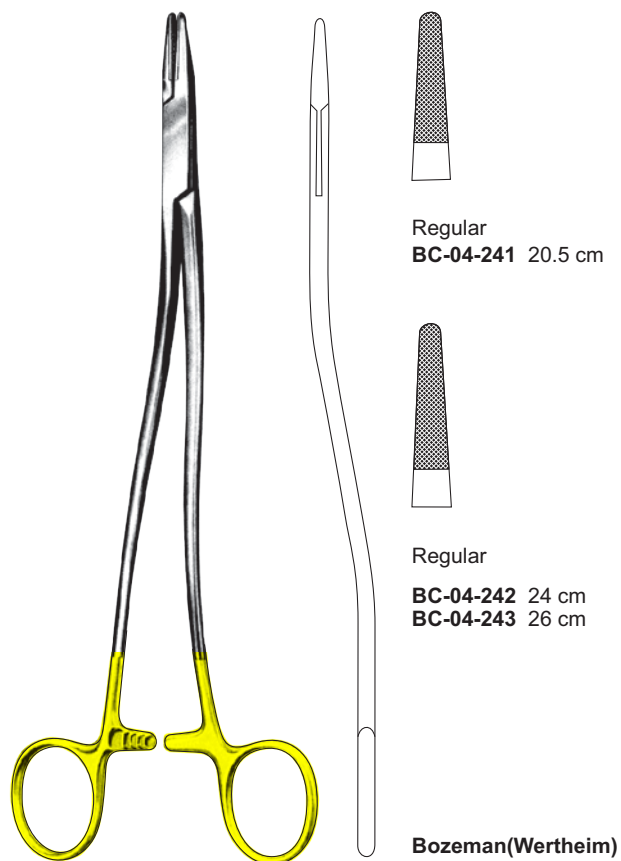
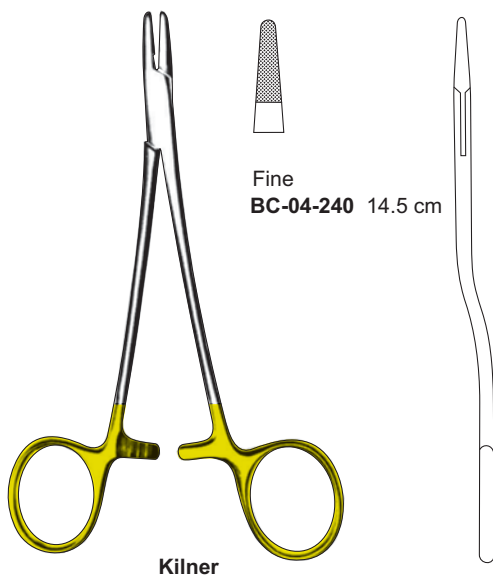
BC-04-238
 Needle holder with catch
 190 mm 7½"

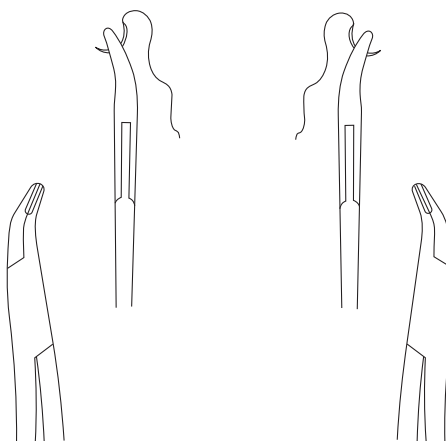


0.4

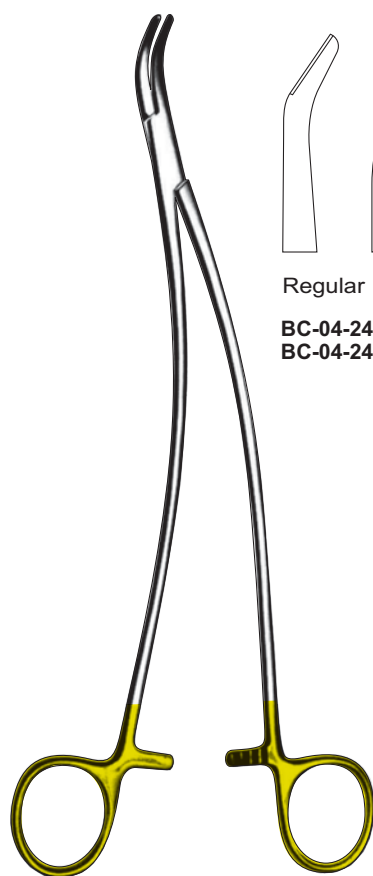
MÜLLER
BC-04-239
 Ergonomic handle
 175 mm, 7"

These instruments provide the surgeon with a maximum of ergonomic comfort. The optimized design of the Instruments offers a fatigue-free working especially-with regard to difficult suture and anastomosis techniques.

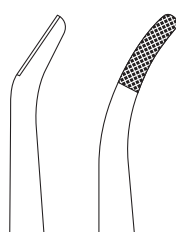




The corkscrew design of the jaws permits easier suturing when operating field is restricted or difficult of access.

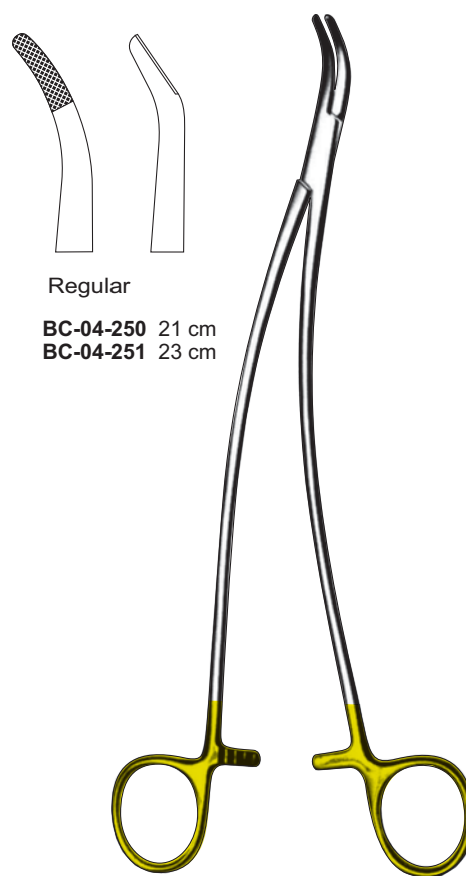


Stratte

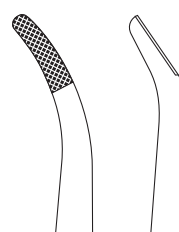


Regular

BC-04-248 21 cm
BC-04-249 23 cm

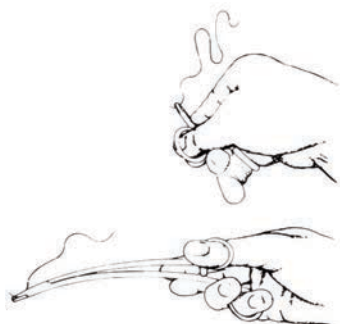


Stratte Reverse



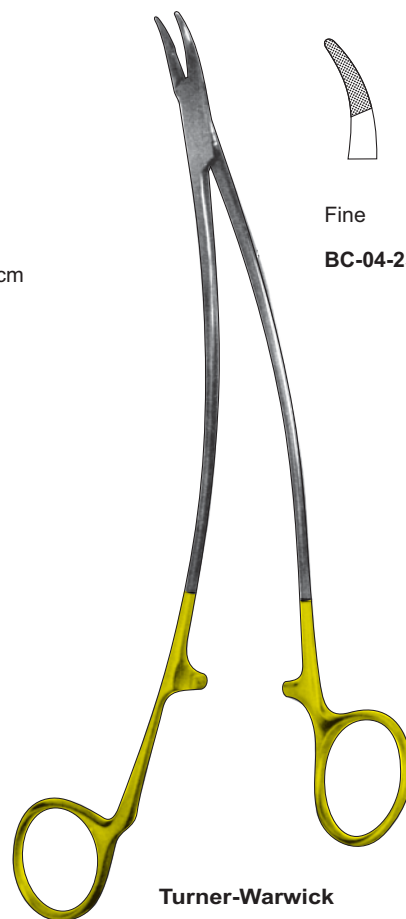
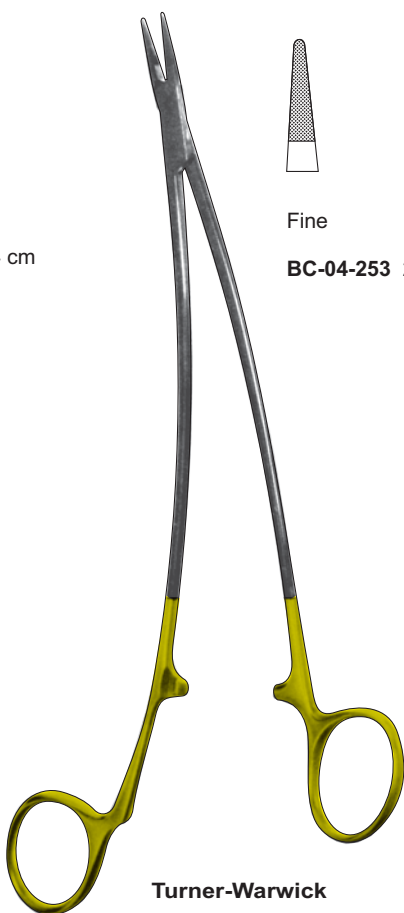
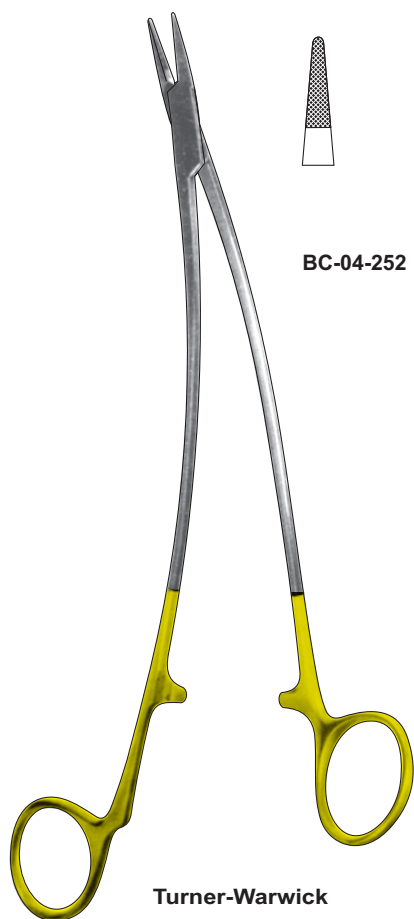
Regular

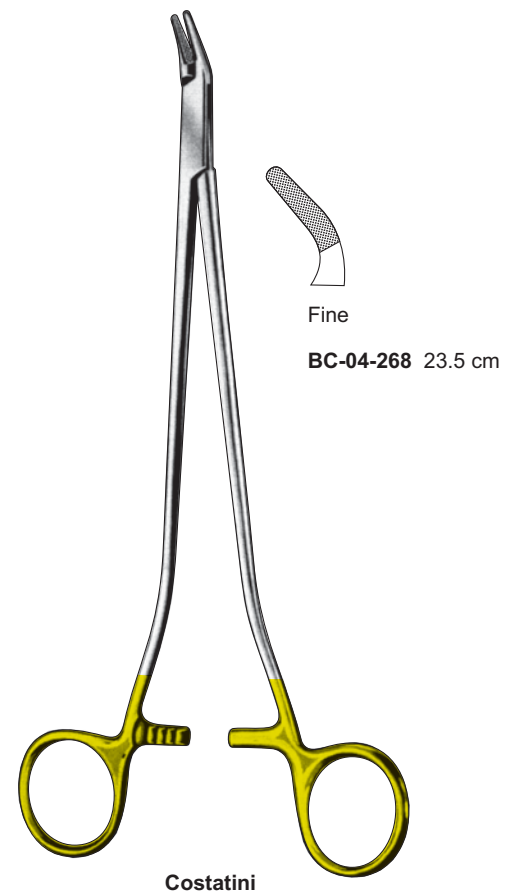
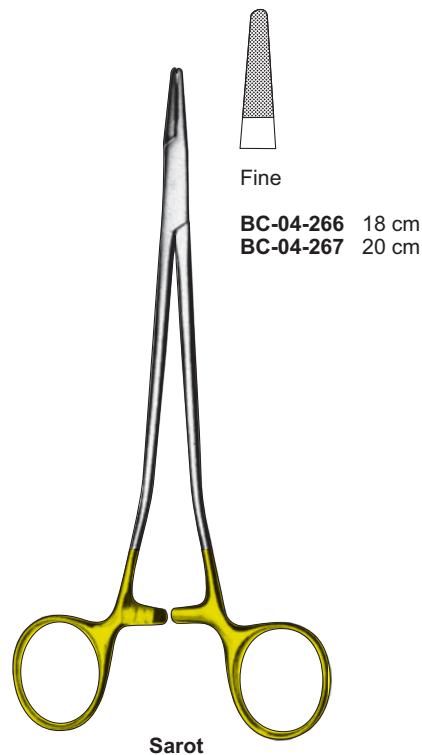
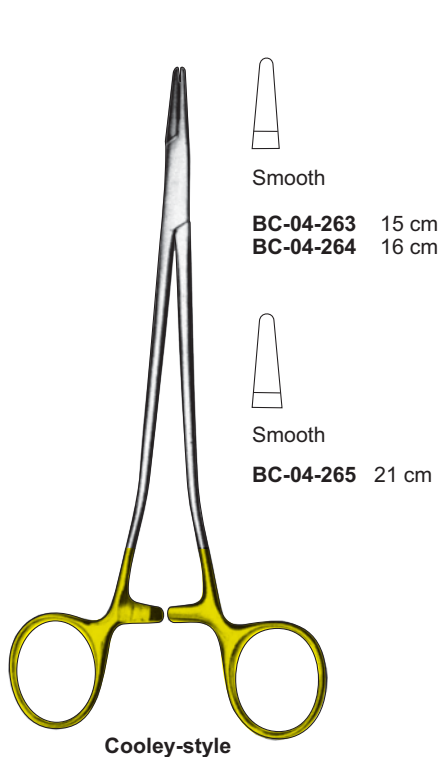
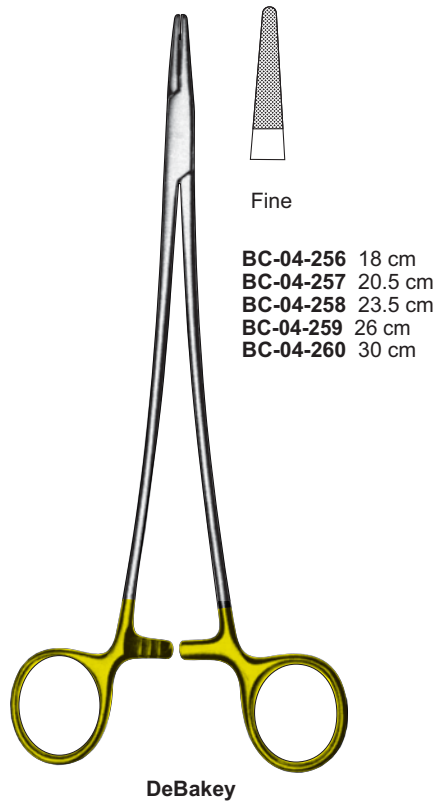
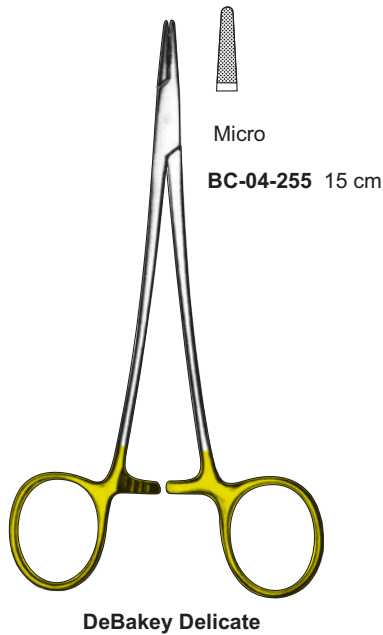
BC-04-250 21 cm
BC-04-251 23 cm



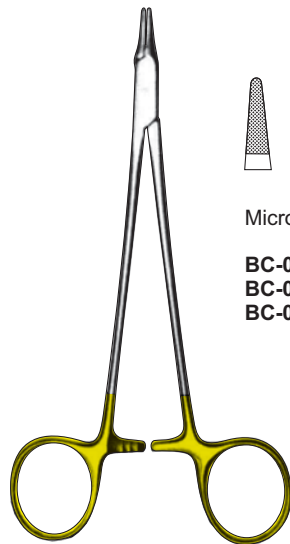
For right-handers
Left hand patterns available on request..

Instrument set





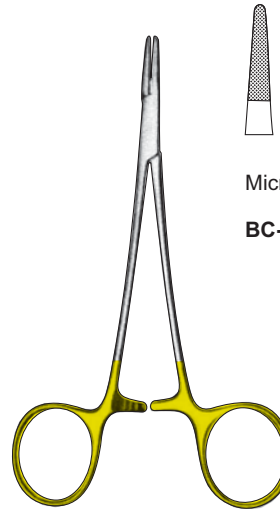
The LEMMON Needleholder was designed for vascular surgery. Tips tapered to the point.



Micro

BC-04-269 14.5 cm
BC-04-270 17 cm
BC-04-271 19.5 cm

Lemmon



Micro

BC-04-272 14 cm

Microvascular



Fine

BC-04-273 18.5 cm



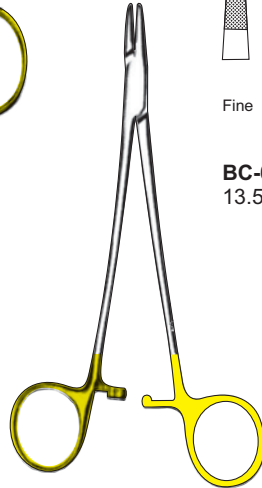
Micro

BC-04-274 18 cm
BC-04-275 20.5 cm
BC-04-276 23 cm

Microvascular

UNIVERSAL

A selected range of needle holders with unique ratchet design. Can be used by both, right-handed and left-handed surgeons.

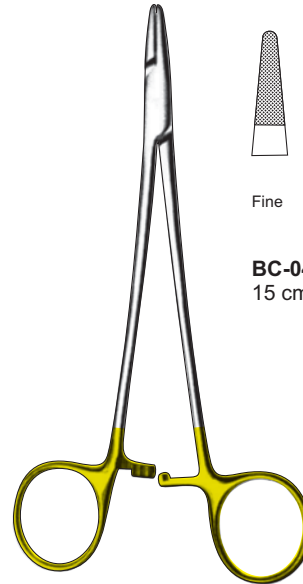


Universal Halsey



Fine

BC-04-277
13.5 cm



Universal Crile-Wood



Fine

BC-04-278
15 cm



Fine

BC-04-279 18 cm
BC-04-280 20.5 cm



Universal Mayo-Hegar



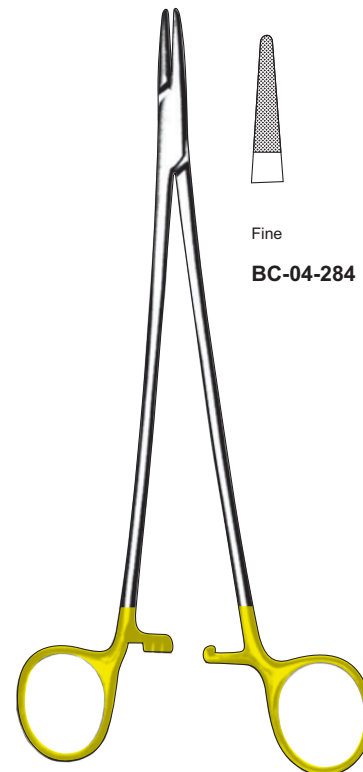
Regular

BC-04-281 16 cm



Regular

BC-04-282 19 cm
BC-04-283 20.5 cm



Universal DeBakey



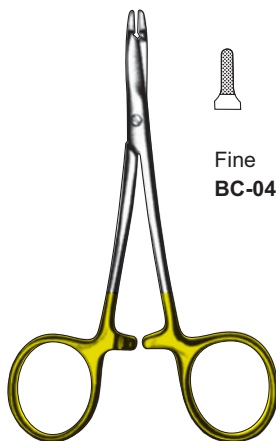
Fine

BC-04-284 20.5 cm



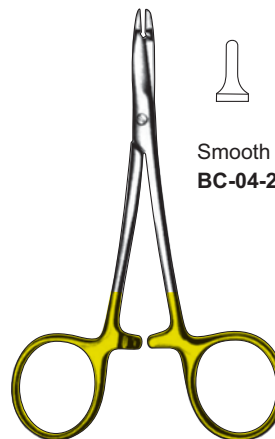
Fine
BC-04-285 11.5 cm

Olsen-Hegar



Fine
BC-04-286 11.5 cm

Mobley-Webster



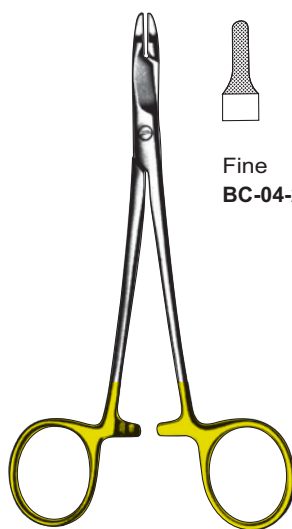
Smooth
BC-04-287 11.5 cm

Mobley-Webster



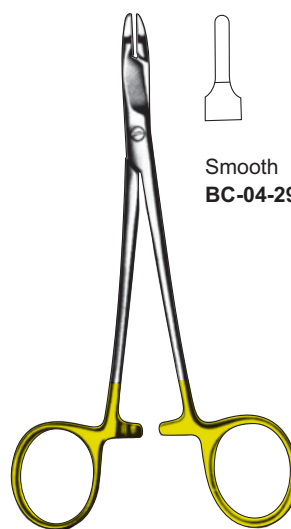
Smooth
BC-04-288 11.5 cm

Olson-Webster



Fine
BC-04-289 14.5 cm

Mobley-Webster



Smooth
BC-04-290 14.5 cm

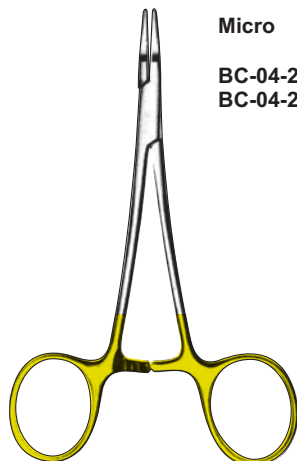
Mobley-Webster

MINI-RYDER Needleholders with new special Micro Tungsten Carbide to hold needles and sutures up to 10 x 0. A well-balanced needleholder for delicate surgical procedures.



Micro

BC-04-291 12 cm
BC-04-292 15 cm

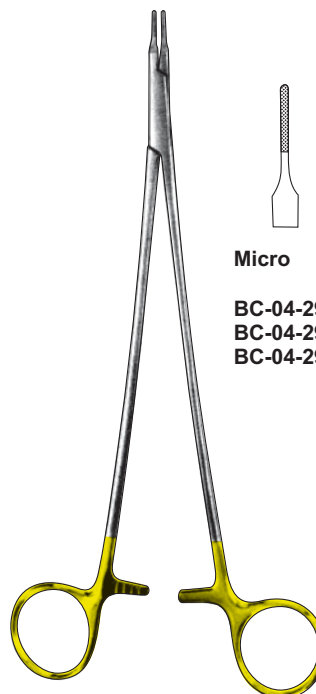


Mini-Ryder



Micro

BC-04-293 18 cm
BC-04-294 20 cm
BC-04-295 23 cm

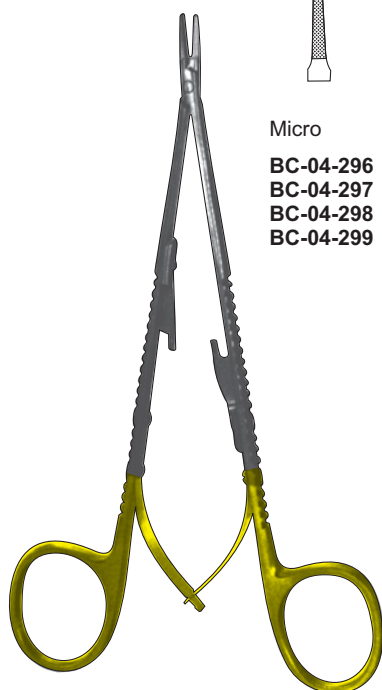


Mini-Ryder



Micro

BC-04-296 16 cm
BC-04-297 18 cm
BC-04-298 20 cm
BC-04-299 23 cm

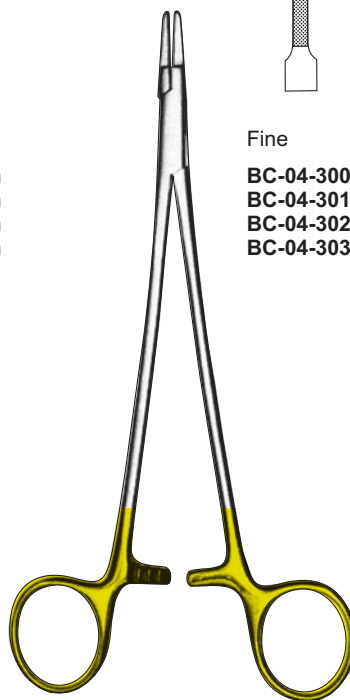


Diethrich



Fine

BC-04-300 18 cm
BC-04-301 20.5 cm
BC-04-302 23 cm
BC-04-303 26.5 cm

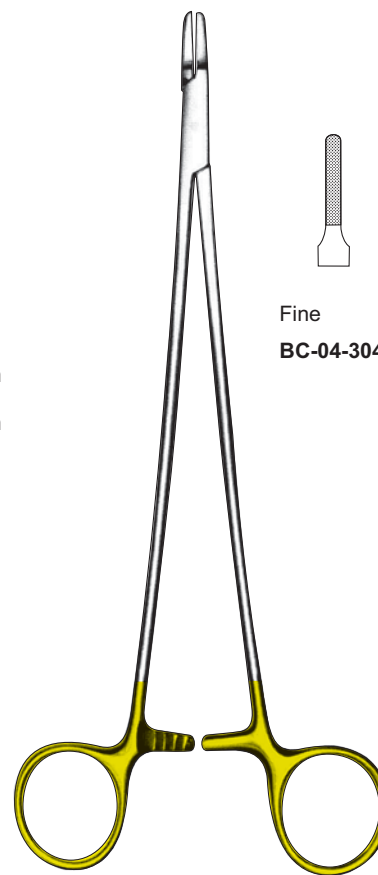


Intracardiac

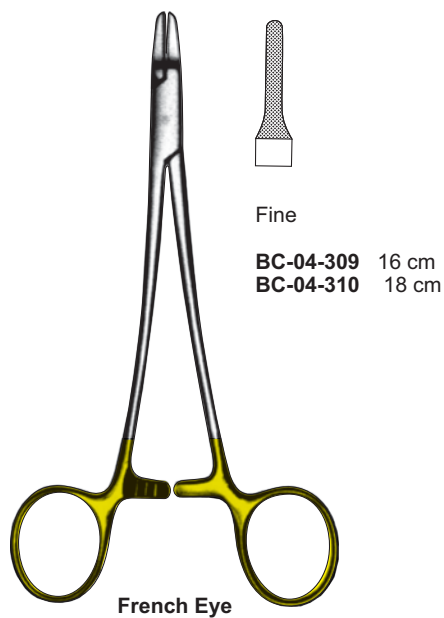
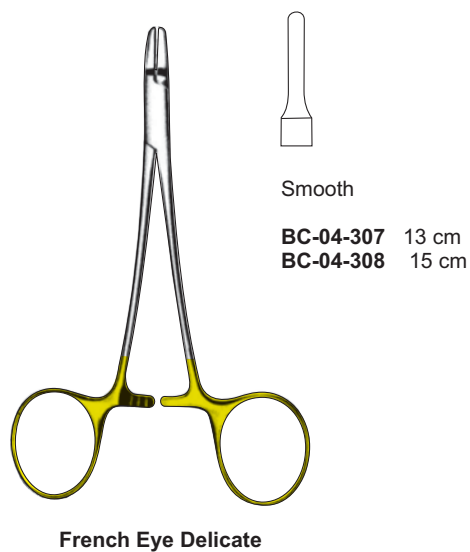
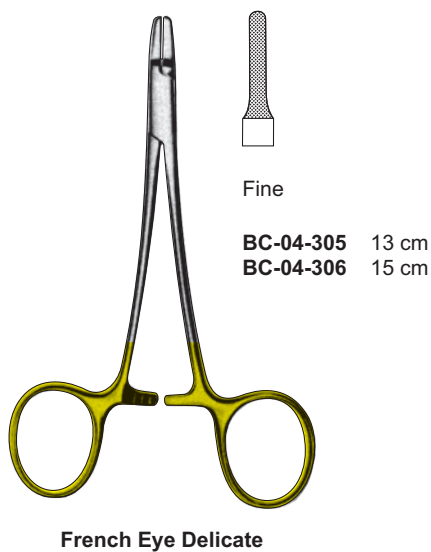


Fine

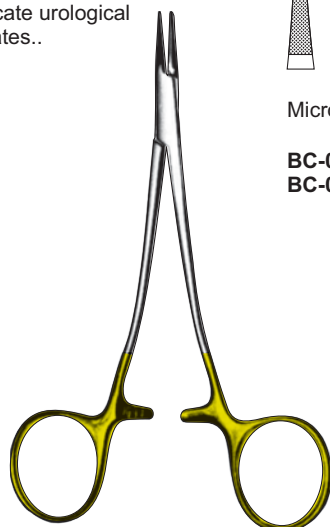
BC-04-304 22.5 cm



Hufnagel-Ryder



EUFRATE PASQUE Needle-
 holders to hold needles and
 sutures up to 10 x 0.
 Specially designed for intra-
 cardiac and delicate urological
 surgery in neonates..

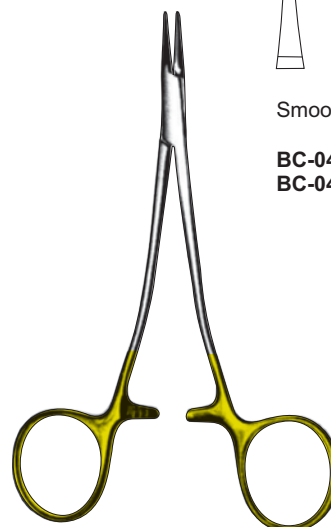


Eufrate-Pasqué



Micro

BC-04-314 14 cm
BC-04-315 15 cm

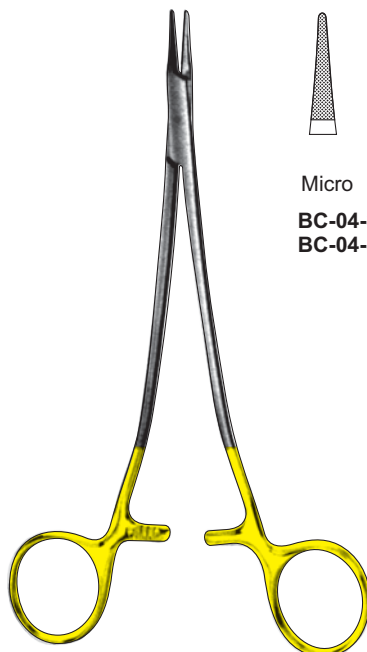


Eufrate-Pasqué



Smooth

BC-04-316 14 cm
BC-04-317 15 cm



Eufrate-Pasqué



Micro

BC-04-318 18 cm
BC-04-319 20 cm

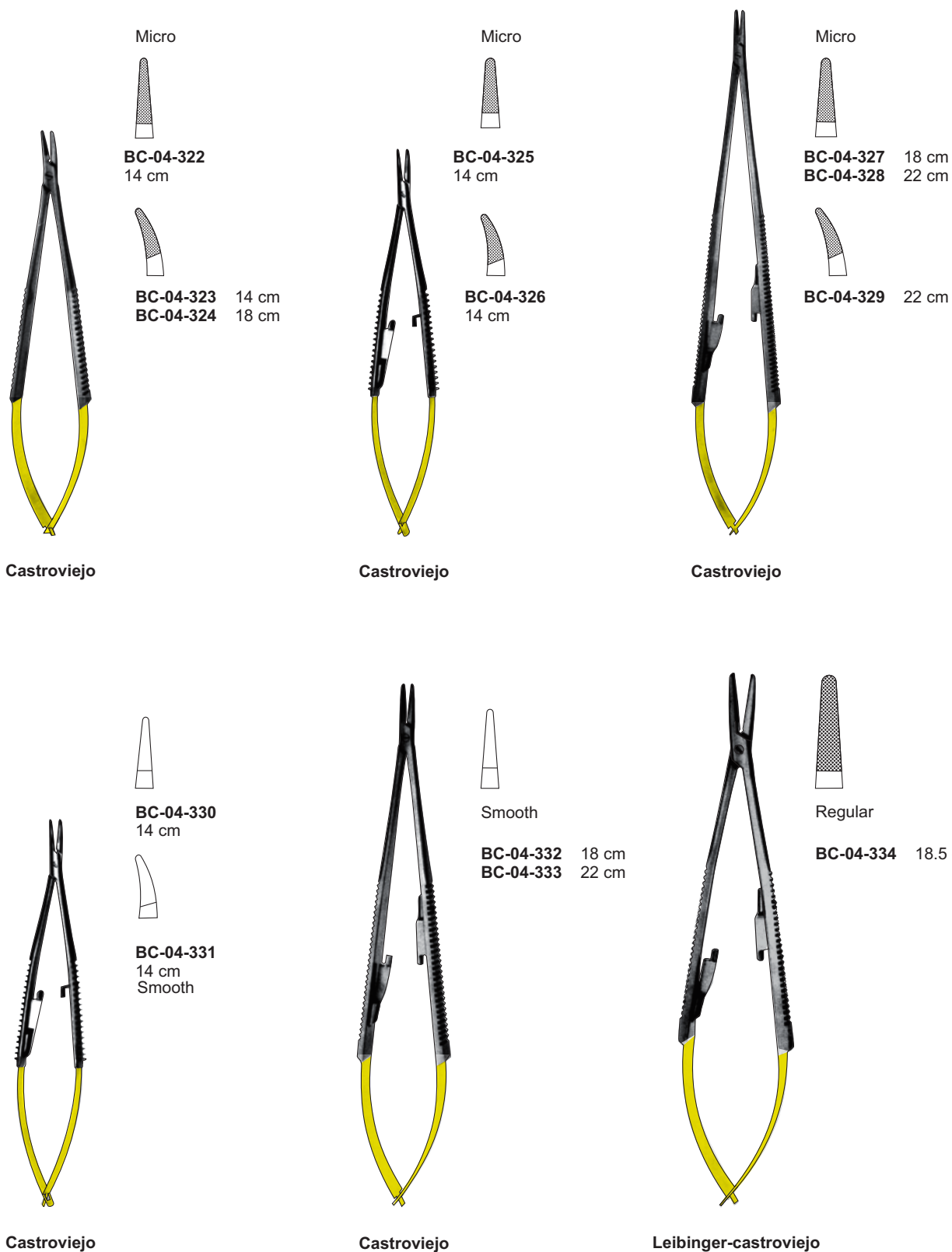


Eufrate-Pasqué



Smooth

BC-04-320 18 cm
BC-04-321 20 cm



Micro Needle Holders

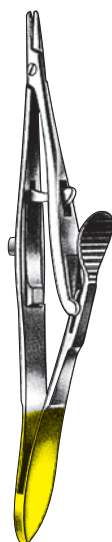


Castroviejo



Smooth

BC-04-335
13.5 cm



Kalt



Fine

BC-04-336
14 cm



Tessier



Fine

BC-04-337
16 cm

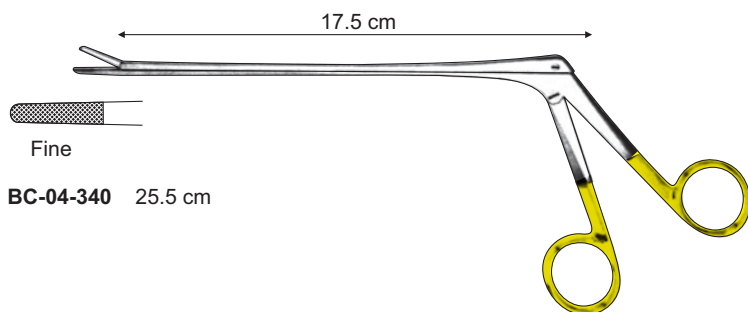


Double-Action



Regular

BC-04-338 18.5 cm
BC-04-339 22 cm

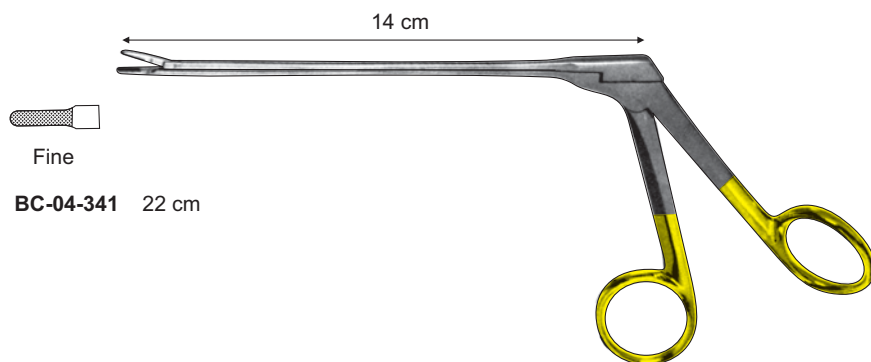


Schacke

17.5 cm

Fine

BC-04-340 25.5 cm



Leibinger-Marberger

14 cm

Fine

BC-04-341 22 cm

An IUD in place but no visible thread...?
 Here is your help:

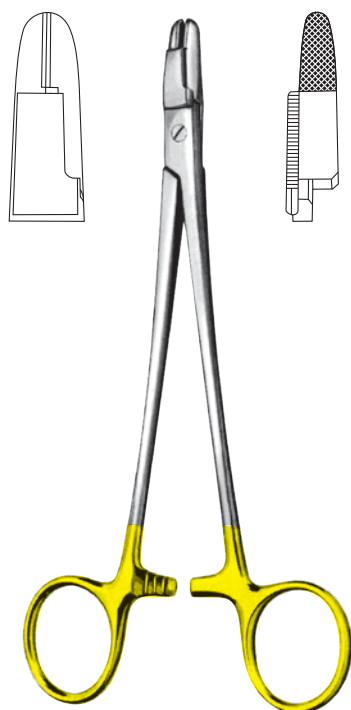
The shaft of the IUD removal forceps has the same diameter as the cervical canal. It can be used without dilation and without anaesthesia. Its jaws with finely serrated TC-inserts get a firm grip of the IUD (. . . Or its thread) for safe and simple removal.



BC-04-342
15 cm / 6"



BC-04-343
15 cm / 6"



BC-04-344
18 cm / 7"



BC-04-345
18.5 cm / 7 1/4"



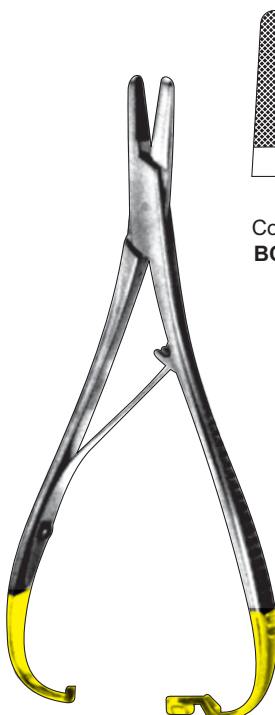
LINDORF
BC-04-346
20 cm / 8"

These powerful broad jaw patterns have Tungsten Carbide inserts which hold the wire securely under the strain of the entire wire twisting process. They serve as sternal needle holders as well thus providing heavy sternal needles.



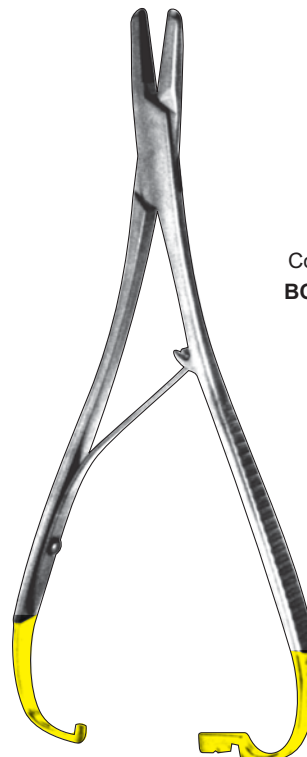
Coarse
BC-04-347 18.5 cm

Berry



Coarse
BC-04-348 17.5 cm

Mathieu-Style



Coarse
BC-04-349 20 cm

Mathieu-Style



Regular
BC-04-350 13 cm

Leibinger



Regular
BC-04-351 15 cm



Regular
BC-04-352 18 cm



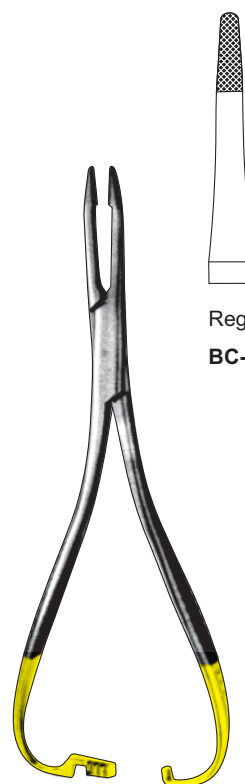
Regular
BC-04-353 15 cm
BC-04-354 18 cm

Hegar



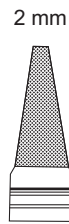
Regular
BC-04-355 17.5 cm

Kremer



Regular
BC-04-356 15.5 cm

Korkhaus
Wire Ligature Forceps



BC-04-357-1
 18 cm / 7"



BC-04-357-2
 18 cm / 7"



BC-04-357-3
 18 cm / 7"



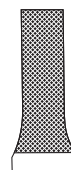
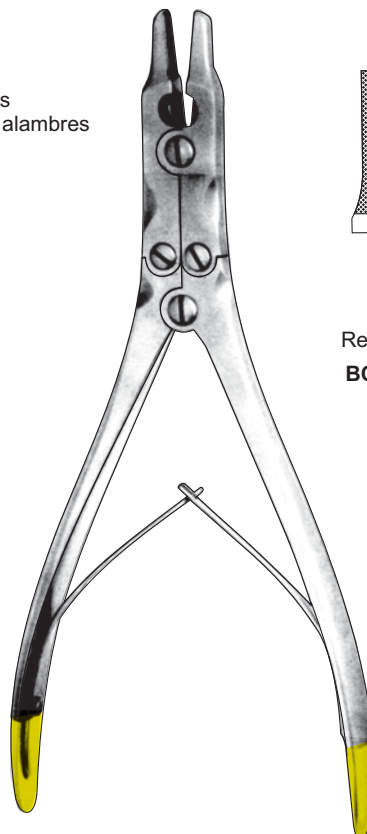
BC-04-2005
 17 cm / 6¾"



BC-04-2006
 20 cm / 8"

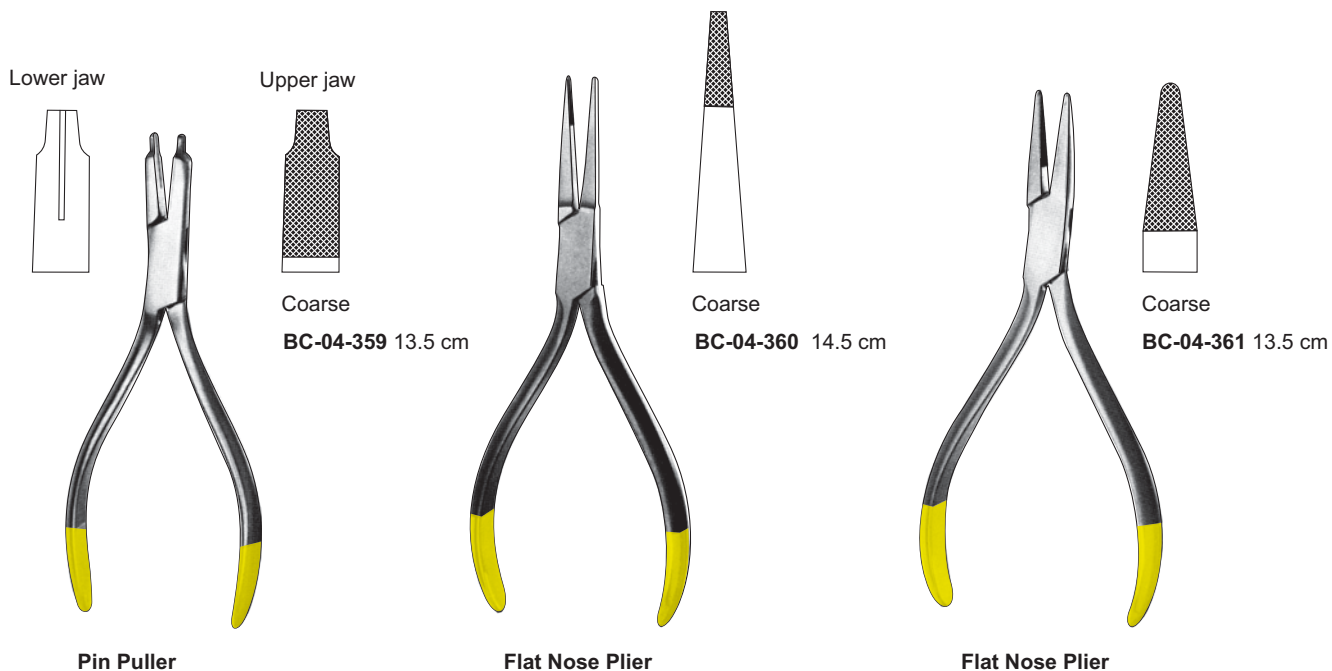
Mathieu-Hauberisier

Wirt Holding Forceps
 Pinzas para extraer alambres
 Pincas tire-broches

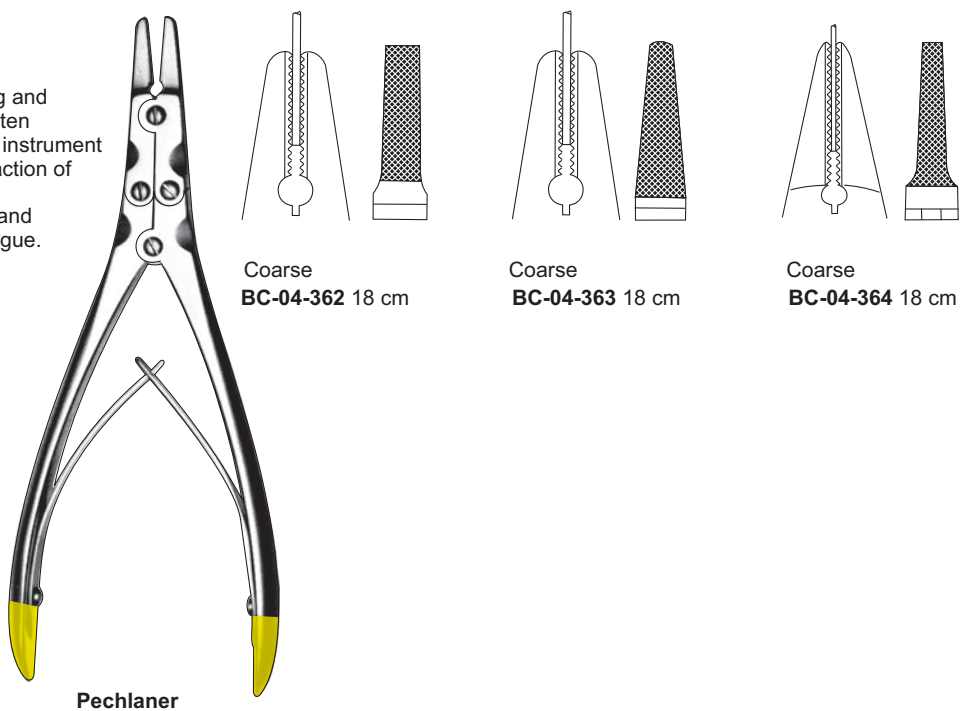


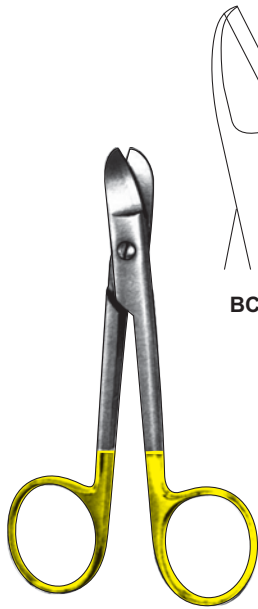
Regular
BC-04-358 22 cm / 8"

Leibinger



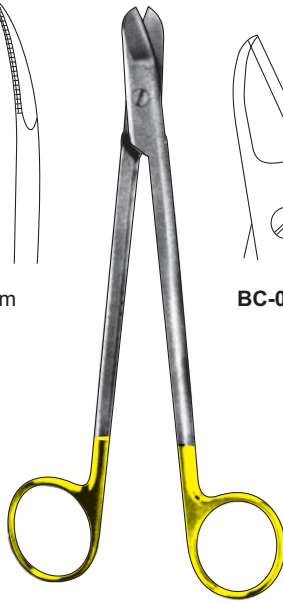
Double-action Wire Pulling and Bending Pliers with Tungsten Carbide inserts. A reliable instrument for wire-bending and extraction of K-wires, pins etc. Ensures secure grasping and holding, reduces hand-fatigue.





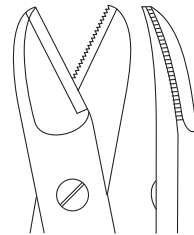
BC-04-365 12 cm

Ligature wire 0.8 mm diam

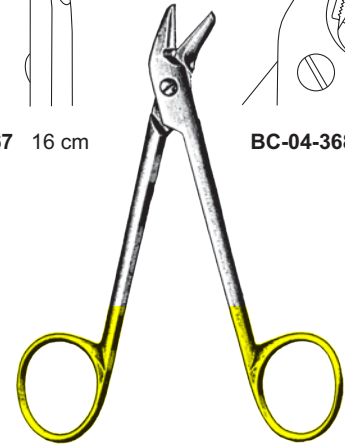


BC-04-366 16 cm

Smith
 Ligature wire 1.0 mm diam

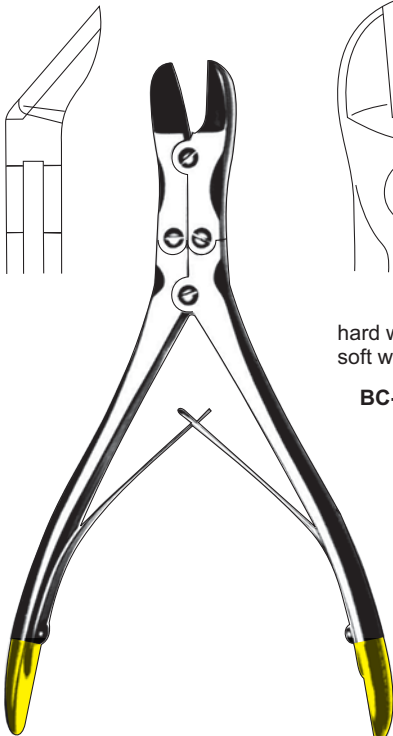


BC-04-367 16 cm



BC-04-368 12 cm

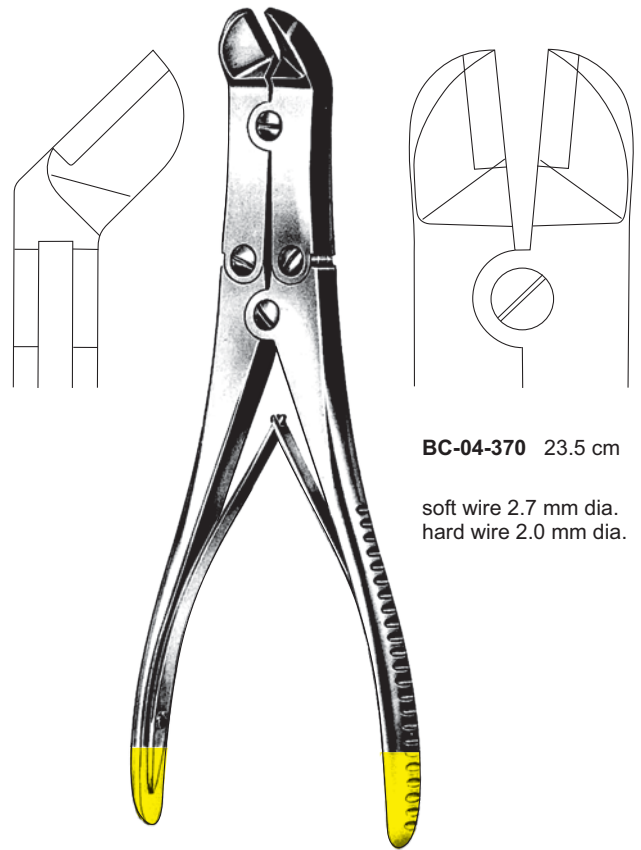
Universal
 soft wire 1.0 mm diam
 hard wire 0.6 mm diam



hard wire 1.0 mm dia.
 soft wire 1.6 mm dia.

BC-04-369 18 cm

These double-action power wire cutters are extremely versatile. They possess excellent cutting ability through their Tungsten Carbide cutting edges. Cut easily on the full length of the jaws.



BC-04-370 23.5 cm

soft wire 2.7 mm dia.
 hard wire 2.0 mm dia.



For hard wire
0.6 mm diam

For soft wire
1.0 mm diam

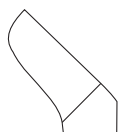
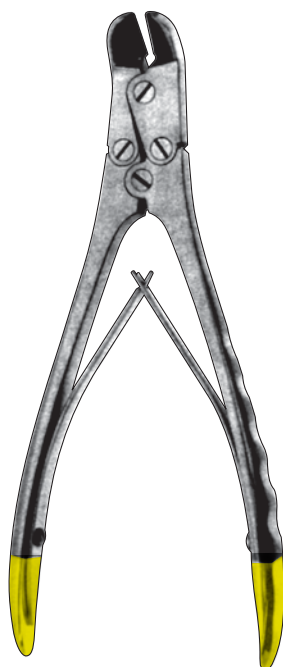
BC-04-371
12.5 cm / 5"



For soft wire
2.0 mm diam

For hard wire
1.7 mm diam

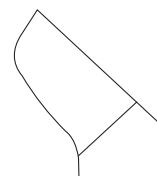
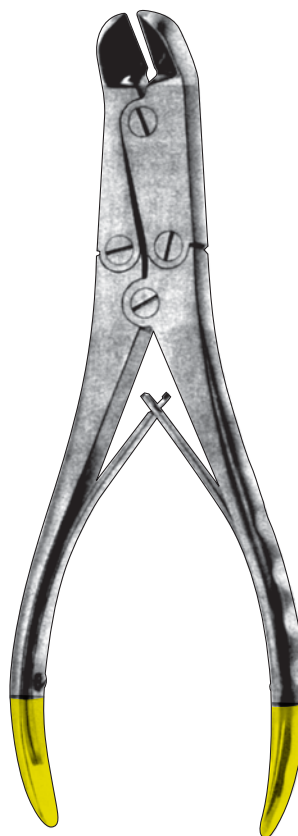
BC-04-372
18.5 cm / 7 1/4"



1.6 mm For
hard wire

2.6 mm For
soft wire

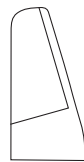
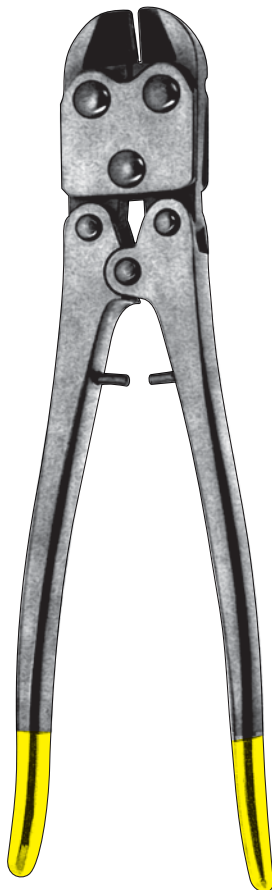
BC-04-373
17.5 cm / 7"



For soft wire
2.8 mm diam

For hard wire
2.2 mm diam

BC-04-374
22 cm / 8 3/4"



Soft Wire 3 mm
 Hard Wire 2.7 mm

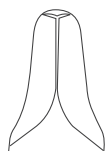
BC-04-376
 23.5 cm / 9¼"
 Wire Cutter whit
 Tungsten carbide Edges



BC-04-377 48 cm / 18¾"
BC-04-378 54 cm / 21¼"
 Cutters for cutting of wires, screws and
 pins up to diam. 6 mm

Alicates corta-alambres, tornillos y
 clavos hasta Ø 6 mm

Pincas á couper les fils, pivots et clous
 jusqu, á 6 mm Ø



Soft Wire 0,9 mm
Hard Wire 0,9 mm

Specially hardened
cutting edges

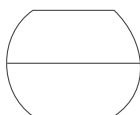
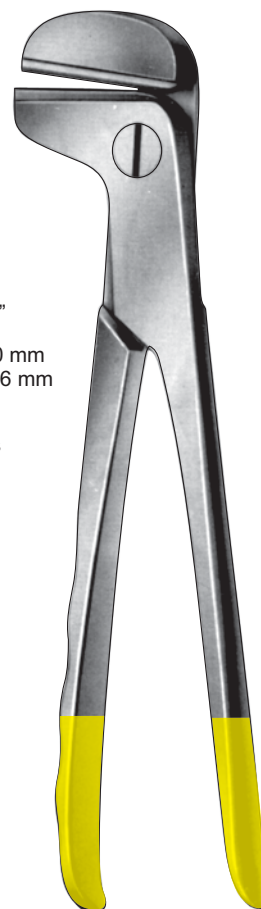
BC-04-379
Angled slender pattern
for wire removal after
sternum suture.
170 mm / 6¾"

For hard wire
up to diam

BC-04-380
240 mm / 9½"

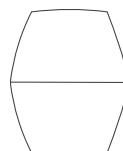
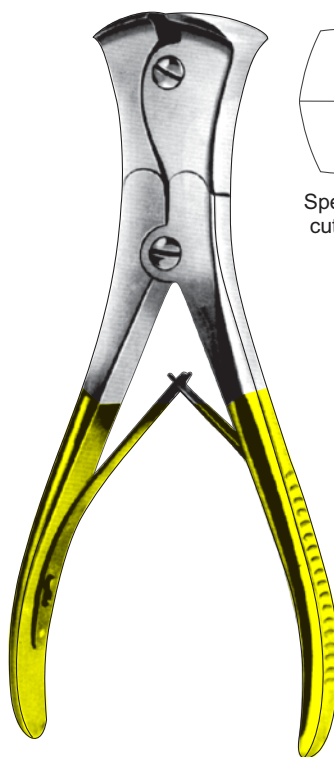
Soft Wire 2,0 mm
Hard Wire 1,6 mm

with carbide
cutting edges



Specially hardened
cutting edges

BC-04-381 145 mm / 5¾"
Soft Wire 1,5 mm
Hard Wire 1,0 mm



Specially hardened
cutting edges

BC-04-382 220 mm / 8¾"
Soft Wire 3,5 mm
Hard Wire 2,5 mm
BC-04-383 145 mm / 5¾"
Soft Wire 2,0 mm
Hard Wire 1,5 mm



BC-04-384
320 mm / 12¾"
Hard Wire 3,0 mm
Cutter for cutting off
KIRSCHNER wires, Tibia
head screws, bolts, pins,
up to 3 mm diam.