

## Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**Castroviejo**  
14cm/5½"



Straight  
gerade  
droit  
recto

08-1416-14



Curved  
Gebogene  
courbé  
Curvo

08-1417-14



**Castroviejo**



Straight  
gerade  
droit  
recto

08-1418-14  
08-1418-18



Curved  
Gebogene  
courbé  
Curvo

08-1419-14  
08-1419-18



**Castroviejo**  
9cm/3½"



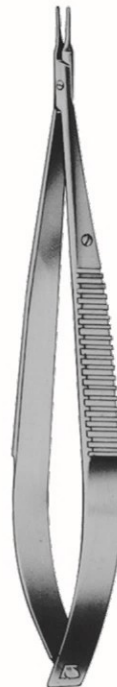
Straight  
gerade  
droit  
recto

08-1420-09



Curved  
Gebogene  
courbé  
Curvo

08-1421-09



**Castroviejo**  
14cm/5½"



Straight  
gerade  
droit  
recto

08-1422-14



Curved  
Gebogene  
courbé  
Curvo

08-1423-14

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro




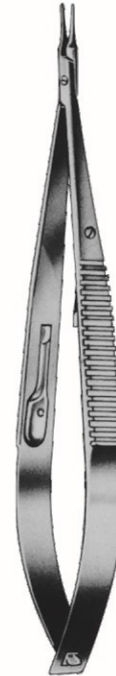
**Castroviejo**  
9 cm/3½"

  
Straight  
gerade  
droit  
recto  
08-1424-09

  
Curved  
Gebogene  
courbé  
Curvo  
08-1425-09

  
Straight  
gerade  
droit  
recto  
08-1426-14

  
Curved  
Gebogene  
courbé  
Curvo  
08-1427-14



**Castroviejo**  
14 cm/5½"



**Paton**  
08-1428-11  
11.5 cm/4½"



**Jacobson**

cm	in	Without Ratchet	With Ratchet
		ohne Ratchet sans cliquet Sin Ratchet	mit Ratchet avec Ratchet Con Ratchet
18	7"	08-1429-18	08-1430-18
21	8¼"	08-1429-21	08-1430-21

## Suture Instruments

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Los titulares de aguja Micro



**Yasargil**



Straight  
gerade  
droit  
recto

08-1431-20 20.0 cm/8"  
08-1431-22 22.5 cm/9"



Curved  
Gebogene  
courbé  
Curvo

08-1432-16 16.5 cm/6½"  
08-1432-20 20.0 cm/9"  
08-1432-22 22.5 cm/9"  
08-1432-24 24.5 cm/9¾"



Straight  
gerade  
droit  
recto

08-1433-16 16.0 cm/6¼"  
08-1433-18 18.5 cm/7¼"



Curved  
Gebogene  
courbé  
Curvo

08-1434-16 16.0 cm/6¼"  
08-1434-18 18.5 cm/7¼"

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro

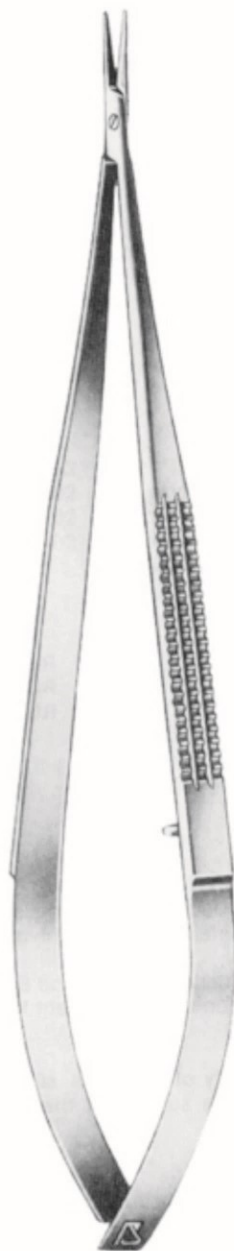
Accu-Med<sup>®</sup>  
Instrument Co.



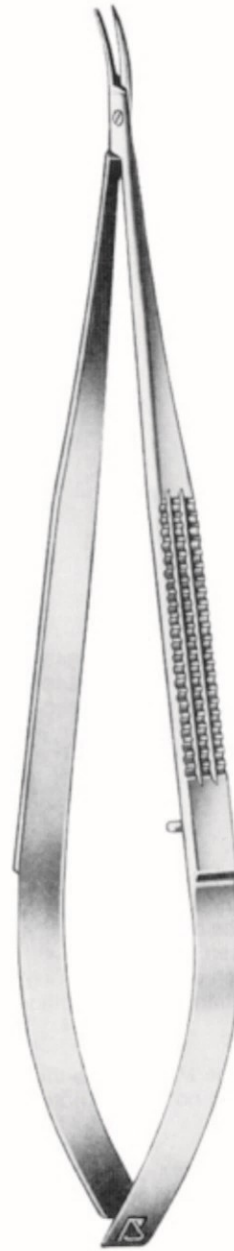
08-1435-15  
15 cm/6"  
Straight  
gerade  
droit  
recto



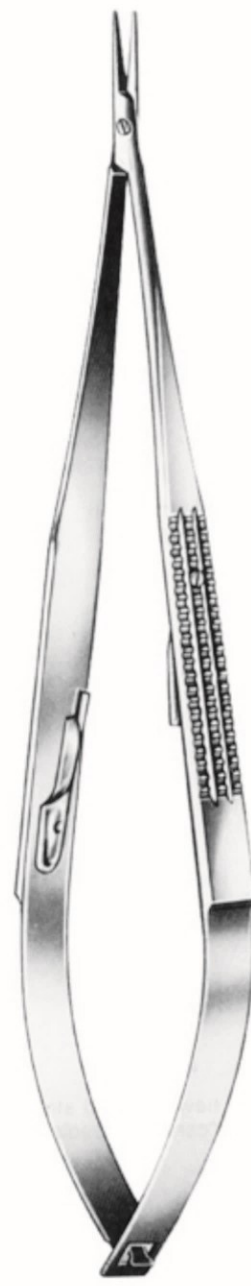
08-1436-15  
15 cm/6"  
Curved  
Gebogene  
courbé  
Curvo



08-1437-18  
18 cm/7"  
Straight  
gerade  
droit  
recto



08-1438-18  
18 cm/7"  
Curved  
Gebogene  
courbé  
Curvo



08-1439-18  
18 cm/7"  
Straight  
gerade  
droit  
recto

## Suture Instruments

Micro Needle Holders  
Mikronadelhalter

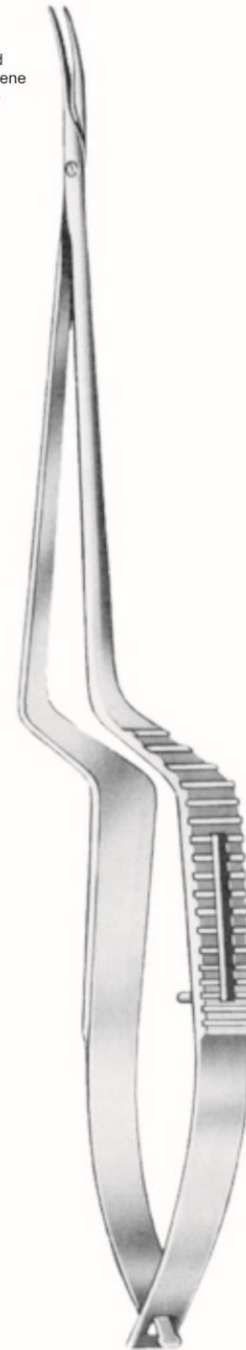
Porte-aiguilles Micro  
Los titulares de aguja Micro

Straight  
gerade  
droit  
recto



08-1440-18  
08-1440-22

Curved  
Gebogene  
courbé  
Curvo



08-1441-18  
08-1441-22

**Yasargil**  
18.0 cm/7"  
22.5 cm/8<sup>3</sup>/<sub>4</sub>"

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro

Accu-Med<sup>®</sup>  
Instrument Co.



08-1442-15  
15 cm/6"  
Straight  
gerade  
droit  
recto



08-1443-15  
15 cm/6"  
Curved  
Gebogene  
courbé  
Curvo



08-1444-15  
15 cm/6"  
Straight  
gerade  
droit  
recto



08-1445-15  
15 cm/6"  
Curved  
Gebogene  
courbé  
Curvo

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



08-1446-18  
18.5 cm/7 1/4"  
Straight  
gerade  
droit  
recto



08-1447-18  
18.5 cm/7 1/4"  
Curved  
Gebogene  
courbé  
Curvo





08-1448-18  
18.5 cm/7 1/4"  
Straight  
gerade  
droit  
recto



08-1449-18  
18.5 cm/7 1/4"  
Curved  
Gebogene  
courbé  
Curvo



  
Straight  
gerade  
droit  
recto  
08-1450-01  
23 cm/9"

  
Curved  
Gebogene  
courbé  
Curvo  
08-1450-02  
23 cm/9"

23 cm/9"

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro

Accu-Med<sup>®</sup>  
Instrument Co.



Straight  
gerade  
droit  
recto



Curved  
Gebogene  
courbé  
Curvo

08-1451-18 18 cm/7"  
08-1451-21 21 cm/8 1/4"  
08-1451-23 23 cm/9 1/4"

With Ratchet  
mit Ratchet  
avec Ratchet  
Con Ratchet

08-1452-18 18 cm/7"  
08-1452-21 21 cm/8 1/4"  
08-1452-23 23 cm/9 1/4"

Without Ratchet  
ohne Ratchet  
sans cliquet  
Sin Ratchet

## Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



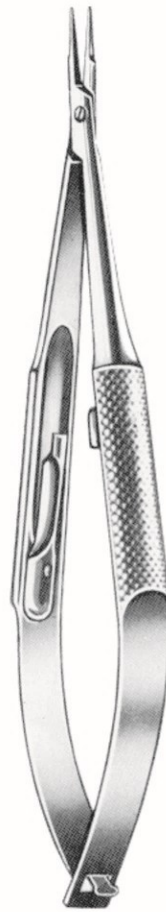
08-1453 -12  
12 cm/4 $\frac{3}{4}$ "  
Straight  
gerade  
droit  
recto



08-1454 -12  
12 cm/4 $\frac{3}{4}$ "  
Curved  
Gebogene  
courbé  
Curvo



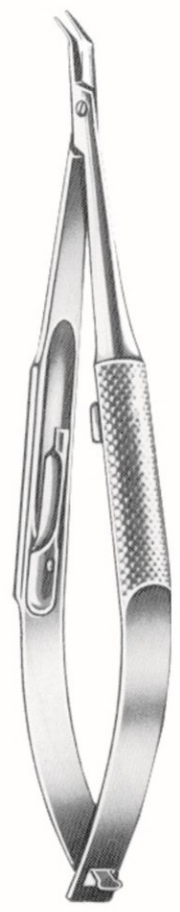
08-1455 -12  
12 cm/4 $\frac{3}{4}$ "  
Angled  
Anglé  
incliné  
angular



08-1456 -12  
12 cm/4 $\frac{3}{4}$ "  
Straight  
gerade  
droit  
recto



08-1457 -12  
12 cm/4 $\frac{3}{4}$ "  
Curved  
Gebogene  
courbé  
Curvo

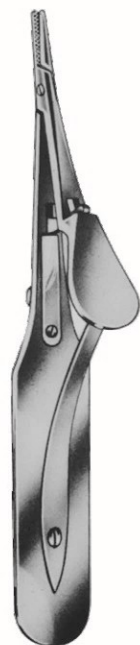


08-1458 -12  
12 cm/4 $\frac{3}{4}$ "  
Angled  
Anglé  
incliné  
angular

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**Arruga**  
14 cm/5½"



Straight  
gerade  
droit  
recto  
08-1459 -14



Curved  
Gebogene  
courbé  
Curvo  
08-1460 -14



**Stevens**  
08-1461 -13 13 cm/5"  
08-1461 -15 15 cm/6"



**Kalt**  
08-1462 -14  
14 cm/5½"



**Castroviejo-Kalt**  
08-1463 -13  
13.5 cm/5¼"



**Kalt-Arruga**  
08-1464 -14  
14 cm/5½"

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro




  
 Straight  
gerade  
droit  
recto  
08-1465 -12

  
 Curved  
Gebogene  
courbé  
Curvo  
08-1466 -12



  
 Straight  
gerade  
droit  
recto  
08-1467 -12

  
 Curved  
Gebogene  
courbé  
Curvo  
08-1468 -12

**Castroviejo**  
12cm/4<sup>3</sup>/<sub>4</sub>"

**Castroviejo**  
12cm/4<sup>3</sup>/<sub>4</sub>"




**Castroviejo**  
08-1469 -13  
13cm/5"




**Boynton**  
08-1470 -12  
12cm/4<sup>3</sup>/<sub>4</sub>"



**Arruga**  
16cm/6<sup>1</sup>/<sub>4</sub>"

  
 Straight  
gerade  
droit  
recto  
08-1471 -16

  
 Curved  
Gebogene  
courbé  
Curvo  
08-1472 -16

# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts    Porte-aiguilles Micro avec inserts en carbure de tungstène  
 Micro Nadelhalter mit Metall-Wendeplatten    Titulares Micro agujas de tungsteno con Piezas de metal duro

Smooth  
glätten  
lisser  
suavizar



14cm/5½"  
18cm/7"  
21cm/8¼"



08-1473 -14  
08-1473 -18  
08-1473 -21



08-1475 -14  
08-1475 -18  
08-1475 -21



08-1477 -14



08-1478 -14



14cm/5½"  
18cm/7"  
21cm/8¼"

08-1474 -14  
08-1474 -18  
08-1474 -21



08-1476 -14  
08-1476 -18  
08-1476 -21



**Kalt**  
14cm/5½"

**Micro Nadelhalter mit Castroviejo**



**Barraquer**  
08-1480 -14  
14cm/5½"



**Castroviejo**  
08-1481 -13  
13cm/5"



08-1482 -18



08-1483 -18

Smooth  
glätten  
lisser  
suavizar

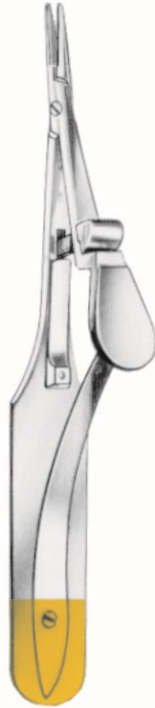


**Hepp-Schiedel**  
18cm/7"

# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro



**Arruga**  
14cm/5½"



Straight  
gerade  
droit  
recto

08-1484 -14



Curved  
Gebogene  
courbé  
Curvo

08-1485 -14



**Jacobson**

08-1487 -18 18cm/7"  
08-1487 -20 20cm/8"  
08-1487 -23 23cm/8¾"



**Diethrich**

Straight gerade droit recto	Curved Gebogene courbé Curvo
08-1488 -16	16cm/6¼" 08-1489 -16
08-1488 -18	18cm/7" 08-1489 -18
08-1488 -20	20cm/8" 08-1489 -20
08-1488 -23	23cm/9" 08-1489 -23
08-1488 -25	25cm/10" 08-1489 -25

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



08-1490 -13



08-1491 -13  
Smooth  
glätten  
lisser  
suavizar



**Halsey**  
13cm/5"



08-1492 -13  
Smooth  
glätten  
lisser  
suavizar



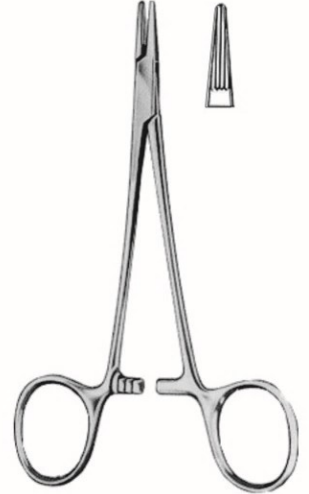
**Webster**  
13cm/5"



**Derf**  
08-1493 -12  
12cm/4¾"



**Derf**  
08-1494 -12  
12.5cm/5"



**Collier**  
08-1495 -12  
12.5cm/5"



**Hegar-Baumgartner**  
08-1496 -14  
14cm/5½"



**Brown**  
08-1497 -13 13cm/5"  
08-1497 -18 18cm/7"



**New Orleans**  
08-1498 -18  
18cm/7"



## Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**Mayo-Hegar**

13cm/5"	08-1499 -13
14cm/5½"	08-1499 -14
16cm/6¼"	08-1499 -16
18cm/7"	08-1499 -18
20cm/8"	08-1499 -20
24cm/9½"	08-1499 -24
26cm/10¼"	08-1499 -26
30cm/12"	08-1499 -30



**Heaney**  
08-1501 -21  
21cm/8¼"

Delicate Pattern  
zarte Muster  
modèle délicat  
patrón delicado



**Mayo-Hegar**  
08-1502 -16 16cm/6 ¼"  
08-1502 -18 18cm/7"  
08-1502 -20 20cm/8"



Heavy Pattern  
schwere Pattern  
modèle lourd  
patrón pesado



**Hegar**  
08-1503 -16 16cm/6¼"  
08-1503 -18 18cm/7"  
08-1503 -20 20cm/8"



# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**M.G.H.**  
(Mass.-General-Hospital)  
08-1504 -17  
16 cm/6 "



**Sarot**  
08-1505 -18 18.5 cm/7 "  
08-1505 -26 26.0 cm10 "



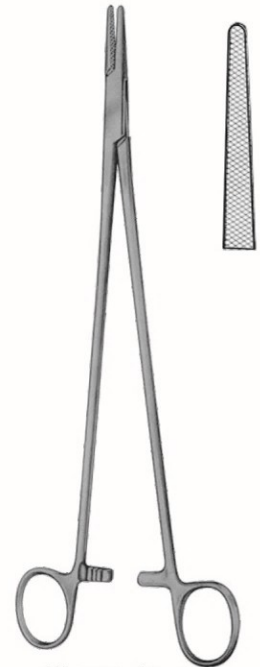
**Finocchietto**  
08-1506 -27  
27 cm/10 "



**Masson**  
08-1507 -27  
27 cm/10½"



**Jameson**  
08-1508 -23  
23.5 cm/9¼"



**Wangenstein**  
08-1509 -27  
27 cm/10½"

## Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**Crile-Wood**  
08-1510 -01  
15 cm/6"

**Crile-Murray**  
08-1510-02  
15 cm/6"



**Adson**  
08-1511 -18  
18 cm/7"



**Ermold**  
08-1512 -17 17 cm/6¾"  
08-1512 -20 20 cm/8"



**Baby-Olsen-Hegar**  
11.5 cm/4½"

08-1513 -11  
Smooth  
glätten  
lisser  
suavizar



**Olsen-Hegar**  
08-1514 -14 14 cm/5½"  
08-1514 -18 18 cm/7"



**Olsen-Hegar**  
08-1515 -17  
17 cm/6¾"

# Suture Instruments

Micro Needle Holders  
Mikronadelhalter

Porte-aiguilles Micro  
Los titulares de aguja Micro



**Olsen-Hegar**  
08-1516 -14  
14 cm/5½"



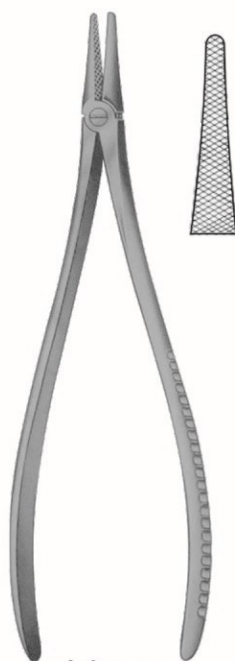
**Gillies**  
08-1517 -16 L  
08-1517 -16 R  
16 cm/6¼"



**Gillies Slim**  
08-1518 -14  
14 cm/5½"



**Crile**  
08-1519 -15  
15 cm/6"



**Axhausen**  
08-1520 -18  
18.5 cm/7¼"



**Lichtenberg**  
08-1521 -20  
20 cm/8"

## Suture Instruments

Micro Needle Holders  
Mikronadelhalter


Porte-aiguilles Micro  
Los titulares de aguja Micro



**Toennis**  
08-1522 -18  
18 cm/7"



**Mathieu**

				
08-1523 -14	14 cm/5 1/2"	08-1524 -14		
08-1523 -17	17 cm/6 3/4"	08-1524 -17		
08-1523 -20	20 cm/8"	08-1524 -20		



**Mathieu**

08-1525 -14	14 cm/5 1/2"
08-1525 -17	17 cm/6 3/4"
08-1525 -20	20 cm/8"

# Suture Instruments

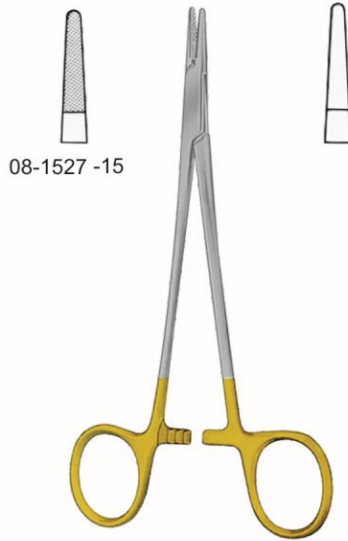
Micro Needle Holders with Tungsten Carbide Inserts  
 Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
 Titulares Micro agujas de tungsteno con Piezas de metal duro



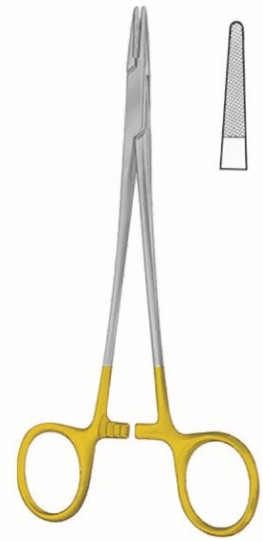
**Crile-Wood**

	cm	in
08-1526 -18	18	7"
08-1526 -20	20	8"
08-1526 -23	23	9"
08-1526 -26	26	10¼"
08-1526 -31	31	12¼"

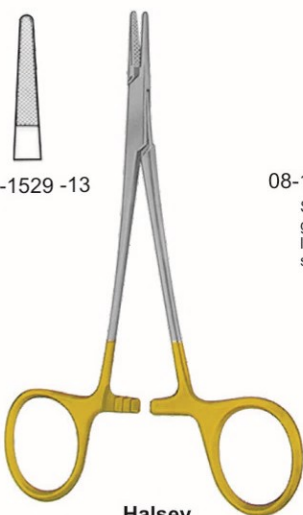


08-1527 -15

**Crile-Wood**  
15cm/6"



**Baby-Crile-Wood**  
08-1528 -15  
15cm/6"



**Halsey**  
13cm/5"



08-1530 -13  
Smooth  
glätten  
lisser  
suavizar



**Converse**  
08-1531 -12  
12.5cm/5"



**Kilner**  
08-1532 -13  
13.5cm/5¼"

# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro



**Mayo-Hegar**



08-1533-16  
08-1533-18  
08-1533-20  
08-1533-24  
08-1533-26  
08-1533-30



08-1534-20  
08-1534-24  
08-1534-26

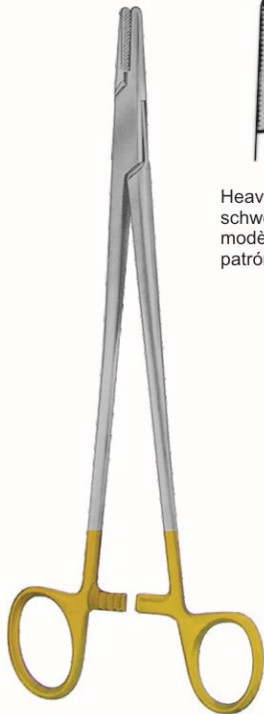
16cm/6¼"  
18cm/7"  
20cm/8"  
24cm/9½"  
26cm/10½"  
30cm/12"



**Hegar-Baumgartner**  
08-1535-14  
14cm/5½"



Heavy Pattern  
schwere Pattern  
modèle lourd  
patrón pesado



**Mayo-Hegar**  
08-1536-20 20cm/8"  
08-1536-24 24cm/9½"



**De Bakery**  
08-1537-18 18cm/7"  
08-1537-20 20cm/8"  
08-1537-23 23cm/9"  
08-1537-26 26cm/10¼"  
08-1537-31 31cm/12¼"



**De Bakery-Fine**  
08-1538-18  
08-1538-20  
08-1538-23  
08-1538-26  
08-1538-31

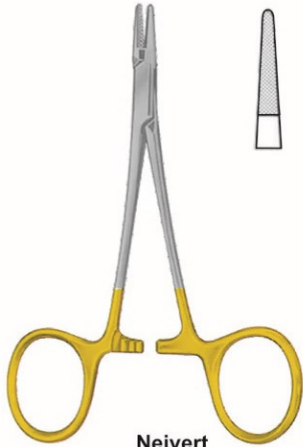
# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
 Micro Nadelhalter mit Hartmetall-Wendeplatten

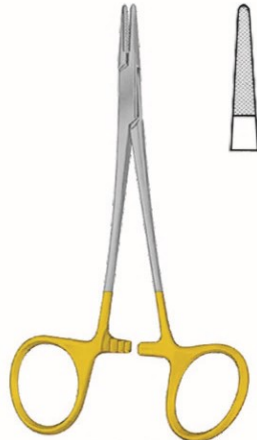
Porte-aiguilles Micro avec inserts en carbure de tungstène  
 Titulares Micro agujas de tungsteno con Piezas de metal duro



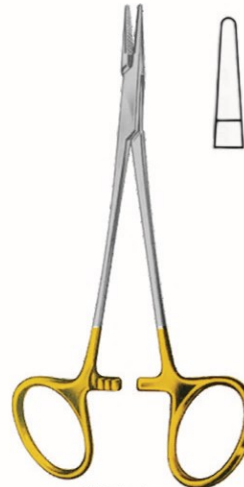
Two rings angled  
 Zwei Ringe abgewinkelt  
 Deux anneaux angle  
 Dos anillos de ángulo



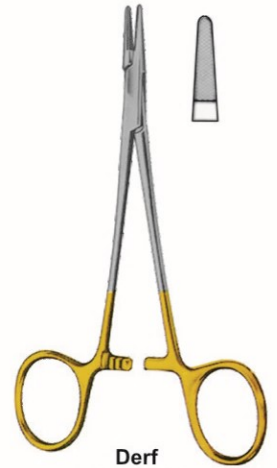
**Neivert**  
 08-1539-13  
 13 cm/5"



**Neivert**  
 08-1540-13  
 13 cm/5"



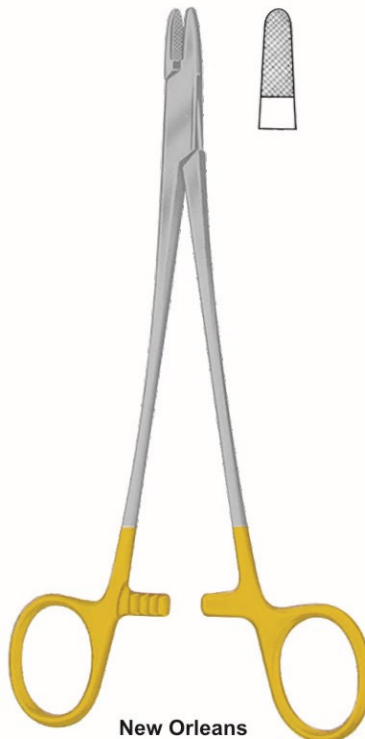
**Webster**  
 08-1541-13  
 13 cm/5"



**Derf**  
 08-1542-12  
 12.5 cm/5"



**Derf**  
 08-1543-12  
 12.5cm/5"



**New Orleans**  
 08-1544-18  
 18 cm/7"

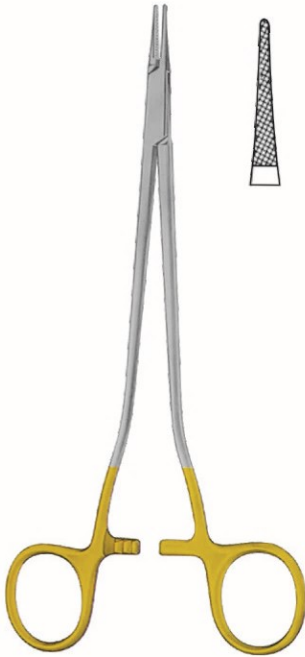


**Bozemann**  
 08-1545-20 20 cm/8"  
 08-1545-24 24 cm/9½"  
 08-1545-26 26 cm/10½"

## Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro



**Hegar-Vascular**  
08-1546-14 14cm/5½"  
08-1546-18 18cm/7"  
08-1546-20 20cm/8"  
08-1546-23 23cm/9"



**Ryder**  
08-1547-13  
08-1547-15  
08-1547-18  
08-1547-20  
08-1547-23  
08-1547-26



**Micro-Ryder**  
08-1548-13 13cm/5"  
08-1548-15 15cm/6"  
08-1548-18 18cm/7"  
08-1548-20 20cm/8"  
08-1548-23 23cm/9"  
08-1548-26 26cm/10¼"



**(Swedish Pattern)**  
08-1549-15 15cm/6"  
08-1549-17 17cm/6 ⅝"  
08-1549-20 20cm/8"



**Sarot**  
08-1550-18 18cm/7"  
08-1550-26 26cm/10¼"

# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro

**Accu-Med**<sup>®</sup>  
Instrument Co.



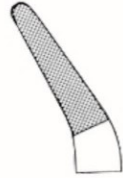
**Masson**  
08-1551-27  
27cm/10½"



**Wangensteen**  
08-1552-27  
27cm/10½"



**Finocchietto**  
08-1553-20 20cm/8"  
08-1553-27 27cm/10½"



**Stratte**  
08-1554-23  
23cm/9"



# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro



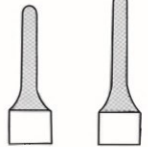
**Mathieu**

14cm/5½"	08-1555-14
17cm/6¾"	08-1555-17
20cm8"	08-1555-20
24cm/9½"	08-1555-24



**Mathieu**

08-1556-14
08-1556-17
08-1556-20
08-1556-24



**Mathieu-Ryder**

08-1557-17
08-1557-20



**Langenbeck**

16cm/6¼"	08-1558-16
18cm/7"	08-1558-18
20cm/8"	08-1558-20



**Langenbeck-Ryder**

08-1559-18
08-1559-20



**Lichtenberg**

08-1560-20
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# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
 Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
 Titulares Micro agujas de tungsteno con Piezas de metal duro



**Axhausen**  
 08-1561-18  
 18.5 cm/7¼"



**Zweifel**  
 08-1562-20 20 cm/8"  
 08-1562-23 23 cm/9"



**Toennis**  
 08-1563-18  
 18 cm/7"



**Mathieu-Kocher**  
 08-1564-14 14 cm/5 ½"  
 08-1564-17 17 cm/6 ¾"  
 08-1564-20 20 cm/8"

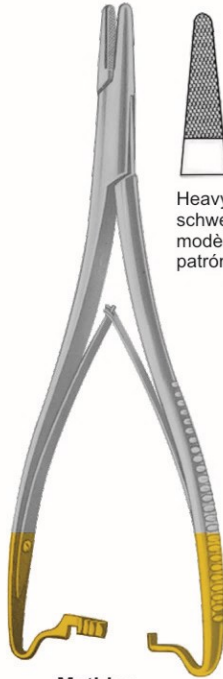
# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
Titulares Micro agujas de tungsteno con Piezas de metal duro



08-1566-20 20 cm/8"  
08-1566-25 25 cm/10"



Heavy Pattern  
schwere Pattern  
modèle lourd  
patrón pesado

**Mathieu**  
08-1567-20 20 cm/8"  
08-1567-24 24 cm/9½"



**Metzenbaum**  
08-1568-17 17 cm/6¾"  
08-1568-20 20 cm/8"



**Boynton**  
08-1569-12  
12 cm/4¾"



**Hosel**  
08-1570-20 20 cm/8"  
08-1570-25 25 cm/10"



**Arruga**  
16 cm/6¼"

08-1571-16

08-1572-16

# Suture Instruments

Micro Needle Holders with Tungsten Carbide Inserts  
 Micro Nadelhalter mit Hartmetall-Wendeplatten

Porte-aiguilles Micro avec inserts en carbure de tungstène  
 Titulares Micro agujas de tungsteno con Piezas de metal duro



**Baby-Olsen-Hegar**  
 08-1573-11  
 11.5 cm/4½"



**Olsen-Hegar**  
 08-1574-14  
 14 cm/5½"



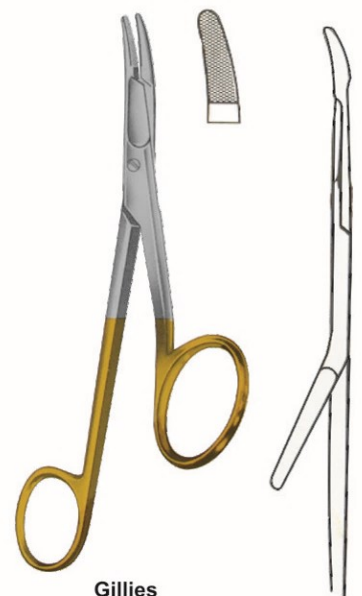
**Olsen-Hegar**  
 08-1575-17  
 17 cm/6¾"



**Olsen-Hegar**  
 08-1576-18  
 19 cm/7½"



**Gillies-Slim**  
 08-1577-14  
 14.5 cm/5½"



**Gillies**  
 08-1578-16 L  
 08-1578-16 R  
 16 cm/6¼"

# Suture Instruments

Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura

Left  
links  
Izquierda



20 cm/8"



08-1579-01



Sharp  
scharf  
net  
agudo



08-1579-02



08-1580-01



blunt  
stumpf  
émousser  
embotar



08-1580-02

**Deschamps-Standard**

Right  
rechts  
droit  
derecho



20 cm/8"

Fine  
feine  
fin  
multa



20 cm/8"



08-1581-01



Sharp  
scharf  
net  
agudo



08-1581-02



08-1582-01



blunt  
stumpf  
émousser  
embotar



08-1582-02

**Deschamps**



20 cm/8"

# Suture Instruments

Ligature Needles  
Ligature Needles

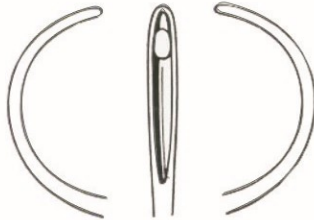
Aiguilles Ligatures  
Agujas de ligadura

Left  
links  
links  
Izquierda

Right  
rechts  
droit  
derecho

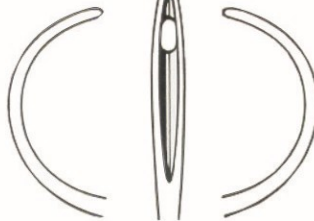


08-1583-01



blunt  
stumpf  
émousser  
embotar

08-1583-02



08-1584-01

Sharp  
scharf  
net  
agudo

08-1584-02

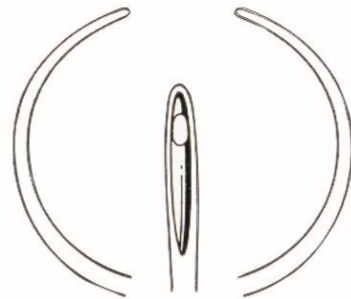
**Deschamps**

21 cm/8 1/4"

21 cm/8 1/4"

Left  
links  
links  
Izquierda

Right  
rechts  
droit  
derecho



08-1585-01

**Deschamps**  
24 cm/9 1/2"



08-1585-02

# Suture Instruments

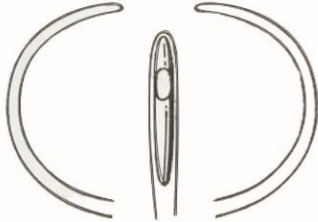
Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura

Left  
links  
links  
Izquierda

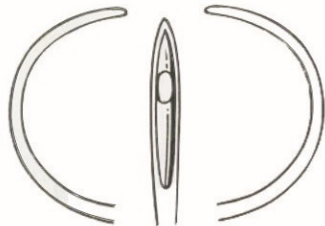


27 cm/10½"



blunt  
stumpf  
émousser  
embotar

08-1586-01 08-1586-02



Sharp  
scharf  
net  
agudo

08-1587-01 08-1587-02

**Deschamps**

Right  
rechts  
droit  
derecho



27 cm/10½"

Left  
links  
links  
Izquierda



Right  
rechts  
droit  
derecho



08-1588-01

**Deschamps**  
28 cm/11"

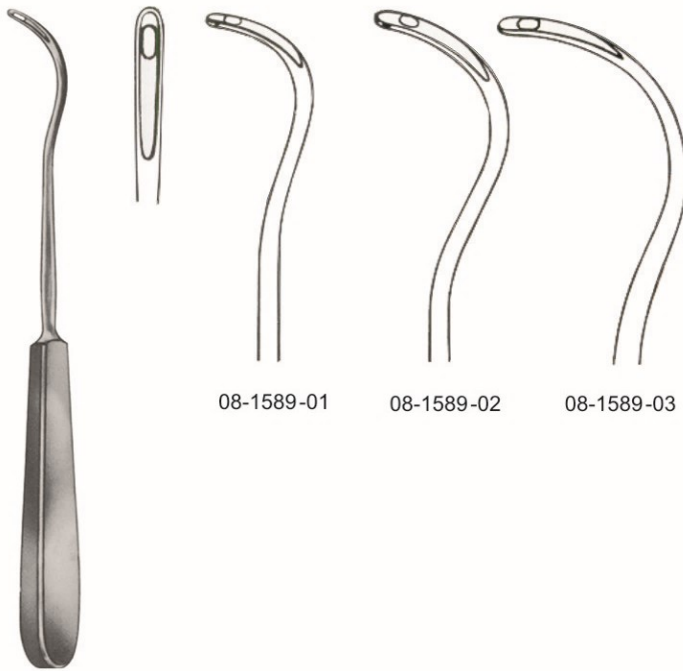


08-1588-02

# Suture Instruments

Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura



08-1589-01

08-1589-02

08-1589-03

**Kocher**  
19 cm/7 1/2"



**Kronecker**  
08-1590-01 13 cm/5" 08-1590-02

Left links links Izquierda

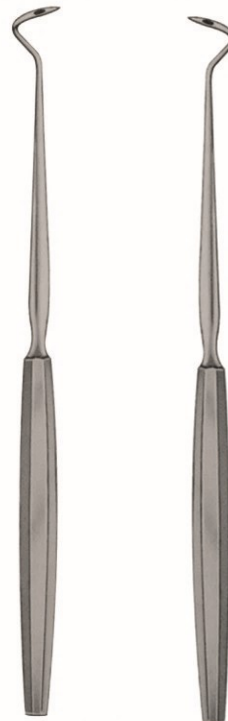
Right rechts droit derecho



**Dupuy-Weiss**  
08-1591-01 22 cm/8 3/4" 08-1591-02

Left links links Izquierda

Right rechts droit derecho

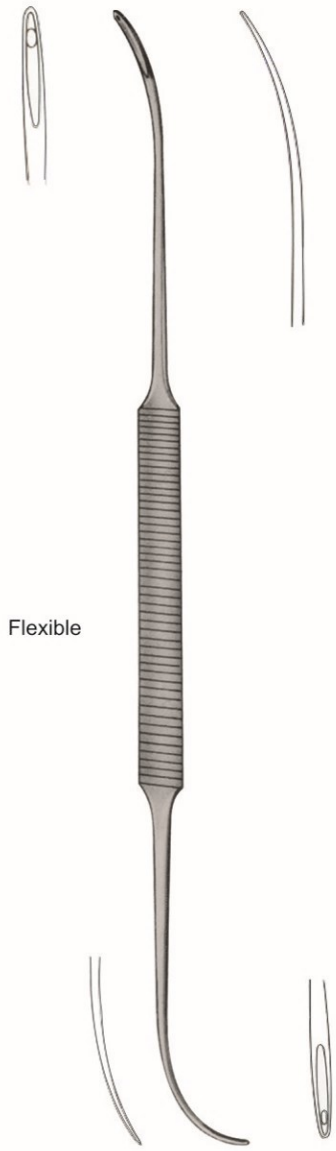


**Durham**  
08-1592-01 21 cm/8 1/4" 08-1592-02

# Suture Instruments

Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura



Flexible

**Schmieden-Dick**  
08-1595-32



**Schmieden**  
08-1593-21  
21 cm/8 1/4"



Flexible

08-1594-20  
20 cm/8"



**Cooper**  
08-1594-19  
19 cm/7 1/2"

# Suture Instruments

Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura



**Young**  
08-1596-25 25 cm/10"

With 3 needle  
Mit 3-Nadel  
Avec 3 aiguilles  
Con 3 agujas



08-1596-01



08-1596-02



08-1596-03

Spare needle only  
Ersparen Nadel nur  
Epargnez seule aiguille  
Repuesto aguja sólo



**Reverdin**  
14 cm/5½"



Fig. 1  
08-1597-01



Fig. 2  
08-1597-02



Fig. 3  
08-1597-03



Fig. 4  
08-1597-04

## Suture Instruments

Ligature Needles  
Ligature Needles

Aiguilles Ligatures  
Agujas de ligadura



**Reverdin**  
19.5 cm / 7<sup>3</sup>/<sub>4</sub>"



**Fig. 1**  
08-1598-01



**Fig. 2**  
08-1598-02



**Fig. 3**  
08-1598-03



**Fig. 4**  
08-1598-04



**Reverdin**  
22.5 cm / 8<sup>3</sup>/<sub>4</sub>"



**Fig. 1**  
08-1599-01



**Fig. 2**  
08-1599-02



**Fig. 3**  
08-1599-03

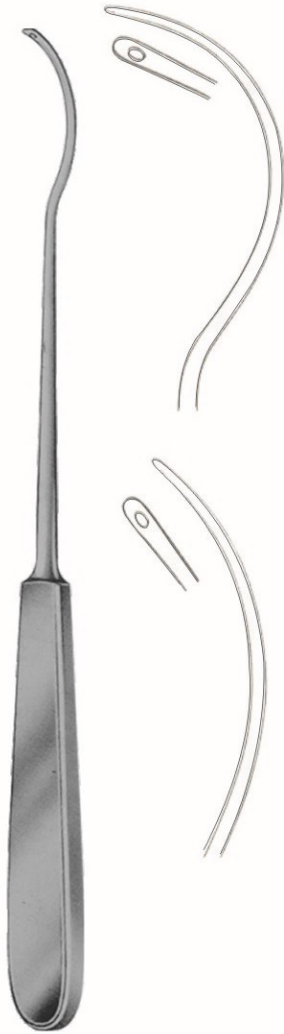


**Fig. 4**  
08-1599-04

# Suture Instruments

Ligature Needles and Ligature Conductors  
Ligature Needles and Ligature Dirigenten

Aiguilles Ligatures Ligatures et chefs d'orchestre  
Agujas ligadura y ligadura Conductores



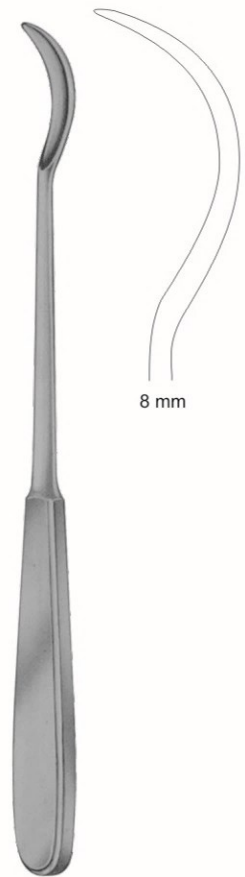
**Brunner**  
08-1600-30  
30 cm/12"



**Payr**  
08-1601-22  
22 cm/8¾"



**Payr**  
08-1602-22  
22 cm/8¾"

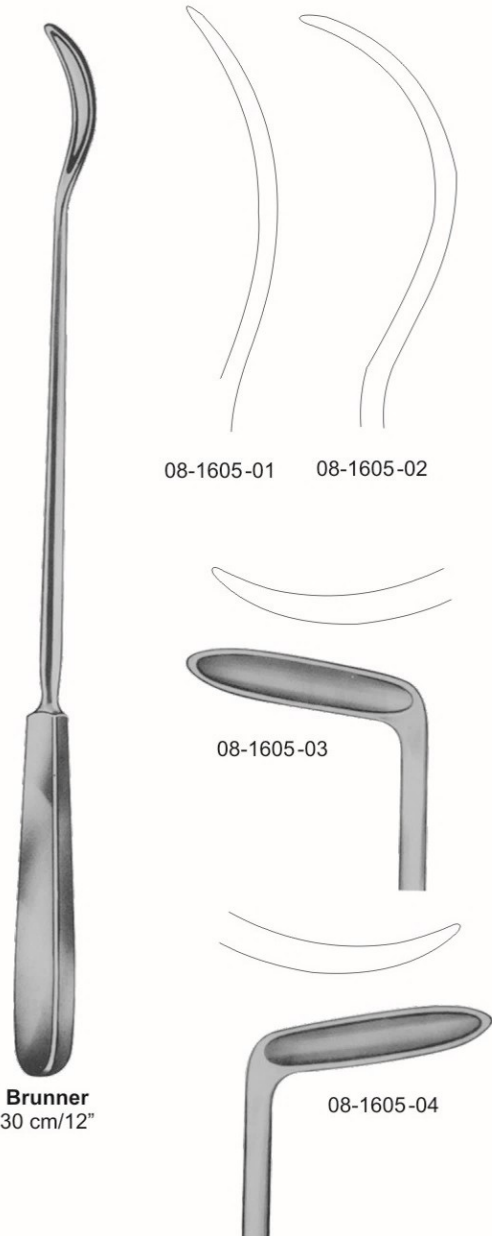
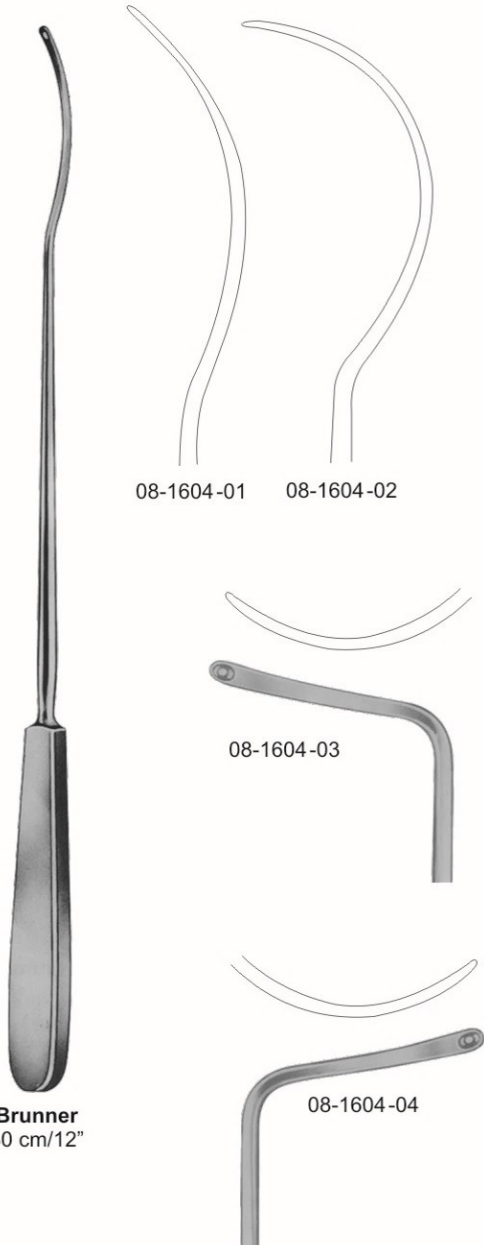


**Brunner**  
08-1603-30  
30 cm/12"

# Suture Instruments

Ligature Needles and Ligature Conductors  
Ligature Needles and Ligature Dirigenten

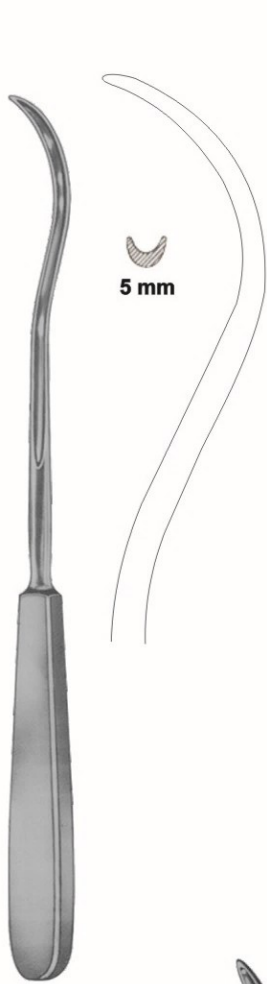
Aiguilles Ligatures Ligatures et chefs d'orchestre  
Agujas ligadura y ligadura Conductores



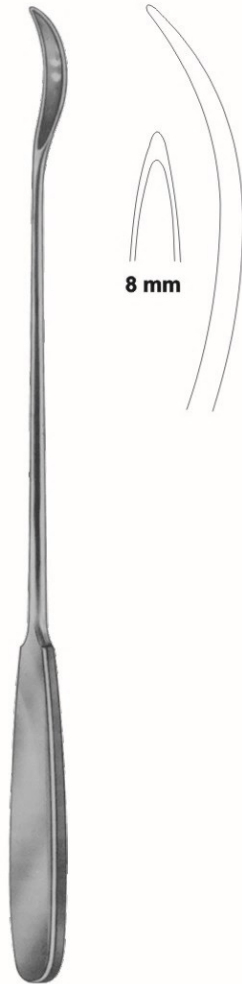
# Suture Instruments

Ligature Conductors  
Ligature Dirigenten

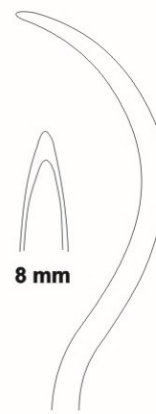
conducteurs Ligatures  
Los conductores de ligadura



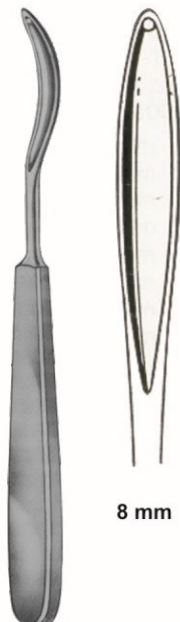
**Kirschner**  
08-1606-25  
25.5 cm/10"



**Brunner**  
08-1607-30  
30 cm/12"



**Brunner-Ferrozell**  
08-1608-18 18 cm/7"  
08-1608-27 27 cm/10½"



**Schmieden-Payr**  
08-1609-19  
19 cm/7½"



**Schmieden**  
08-1610-19  
19 cm/7½"

# Suture Instruments

Ligature Conductors, Knot Tiers and Ligatures  
Ligature Dirigenten, Knot Tiers und Ligaturen

Conducteurs ligatures, les niveaux de noeud et Ligatures  
Conductores de ligadura, Tiers nudo y ligaduras



2.5 mm

**König**  
08-1611-19  
19.5 cm/7¾"



5 mm

**König**  
08-1612-19  
19.5 cm/7¾"



7 mm

**König**  
08-1613-20  
20 cm/8"



**Wien**  
08-1614-23  
23.5 cm/9¼"



**Bozemann**  
08-1615-21  
21 cm/8¼"



08-1616-23  
23 cm/9"

# Suture Instruments

Clip Applying Forceps  
Clipanlegezange

Fixez Application Forceps  
Clip La aplicación de fórceps



**Michel**  
08-1617-12  
12 cm/4¾"



**Michel Modif**  
08-1618-12  
12.5 cm/5"



**Collin**  
08-1619-13  
13 cm/5"



**Richter-Heath**  
08-1620-14  
14 cm/5½"



**Child**  
08-1621-18  
18 cm/7"



**Child**  
08-1622-18  
18 cm/7"



**Michel**  
08-1623-12  
12 cm/4¾"



**Michel**  
08-1624-12  
12 cm/4¾"



**Wachenfeldt**  
08-1625-12  
12.5 cm/5"



**Hagenbarth**  
08-1626-12  
12.5 cm/5"