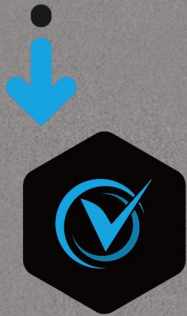


# COMPASSIONATE TREATMENT

• HIGH  
DOSE  
CARE



OTOLOGY +



## An Era Of **evolution**

**VORLING**  
instruments

HAS THE REPUTATION OF BEING THE ONLY IN PAKISTAN THAT MANUFACTURES ITS OWN TOOLS FOR THE PRODUCTION OF ITS INSTRUMENTS.

---

**VORLING**  
instruments

is a privately owned company providing personalized services and the finest in Surgical Instruments for over 25 years. Established in 1999, Our Company manufactures a wide range of Surgical, Dental and Veterinary Instruments.

All Instruments and devices of our product range are manufactured by well-trained and experienced skilled workers with special craftsmanship and by use of most modern machines and equipment. On this occasion we only use materials which meet our high standards. The CEO of Vorling Instruments, Mr. Muhammad Ahmed brings with him a lifetime of knowledge about the world of surgical instruments.

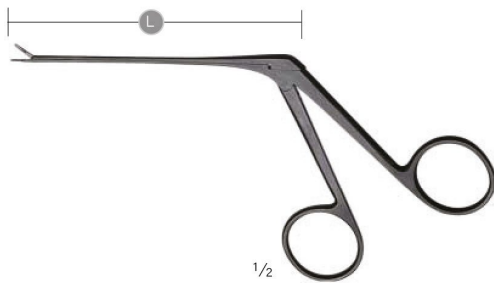
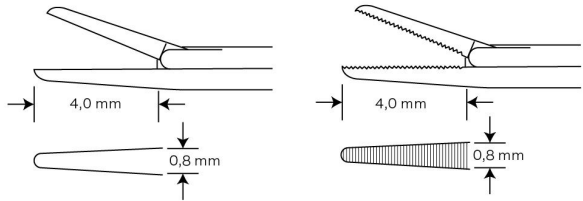
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This insight allows us to understand the needs of our customers in a way most other instrument companies are unable to do.

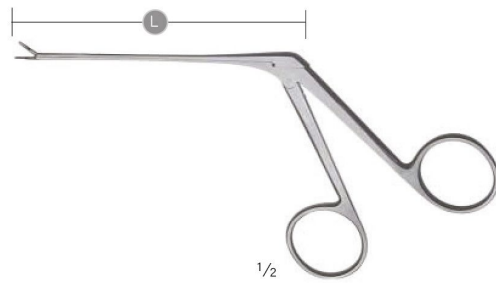
**After becoming a competent oem service provider, cardiac has decided to introduce itself as the original source of high quality instrumentation to directly interact with some of the well-known brands around the world.**

---

**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pinze auriculaires  
 Micro Pinze auricolari



**V22-100-08**  
**V22-104-08**

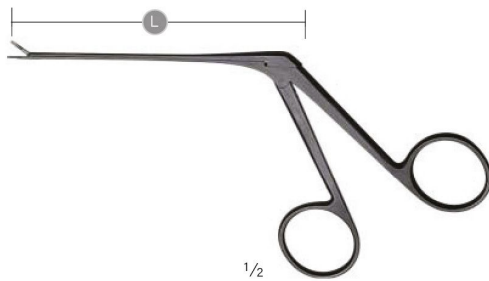
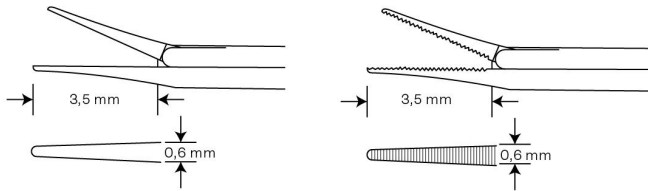


**V22-105-08**  
**V22-109-08**

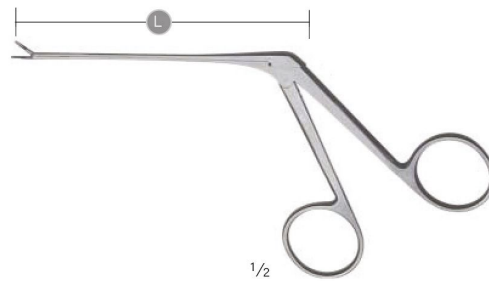
1/1	gerade, glatt straight, smooth recta, lisa droite, lisse retta, liscia	gerade, gerieft straight, serrated recta, estriada droite, striée retta, con scanalatura	aufgebogen, gerieft bent upwards, serrated curva por arriba, estriada courbée v. le haut, striée curva in alto, con scanalatura	rechts, gerieft right, serrated derecha, estriada droite, striée destra, con scanalatura	links, gerieft left, serrated izquierda, estriada gauche, striée sinistra, con scanalatura
L	8 cm	8 cm	8 cm	8 cm	8 cm
SB	<b>V22-100-08</b>	<b>V22-101-08</b>	<b>V22-102-08</b>	<b>V22-103-08</b>	<b>V22-104-08</b>
St	<b>V22-105-08</b>	<b>V22-106-08</b>	<b>V22-107-08</b>	<b>V22-108-08</b>	<b>V22-109-08</b>



**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pinze auriculaires  
 Micro Pinze auricolari



**Mini-McGee**  
**V 22-110-08**  
**V 22-111-08**

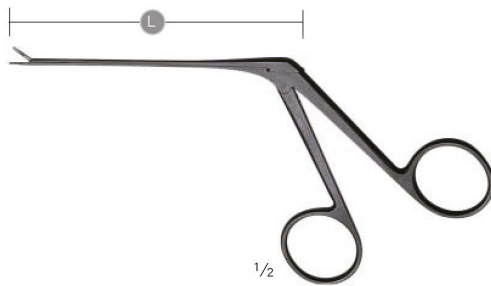
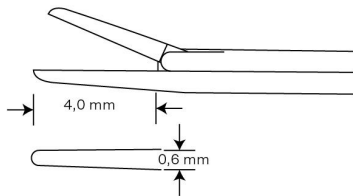


**Mini-McGee**  
**V 22-112-08**  
**V 22-113-08**

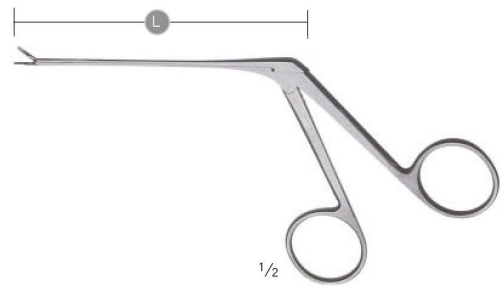
1/1	gerade, glatt straight, smooth recta, lisa droite, lisse retta, liscia	gerade, gerieft straight, serrated recta, estriada droite, striée retta, con scanalatura
	L 8 cm	8 cm
SB	V 22-110-08	V 22-111-08
St	V 22-112-08	V 22-113-08



**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pince auriculaires  
 Micro Pinze auricolari



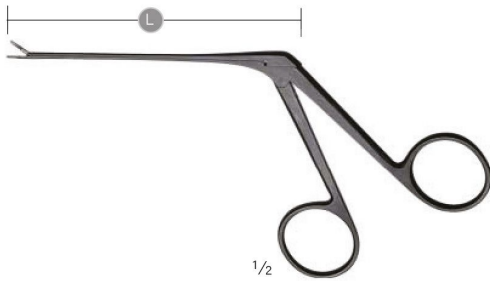
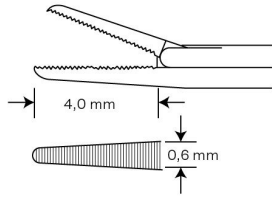
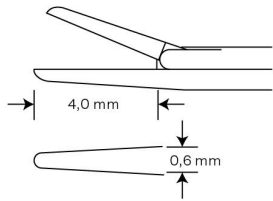
V22-114-08



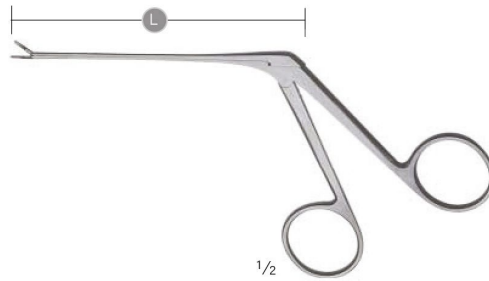
V22-115-08

1/4	gerade, glatt straight, smooth recta, lisa droite, lisse retta, liscia
	L 8 cm
	SB V22-114-08
	St V22-115-08

**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pinze auriculaires  
 Micro Pinze auricolari



V22-116-08  
 V22-119-08

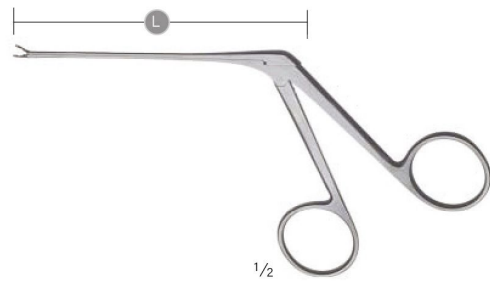
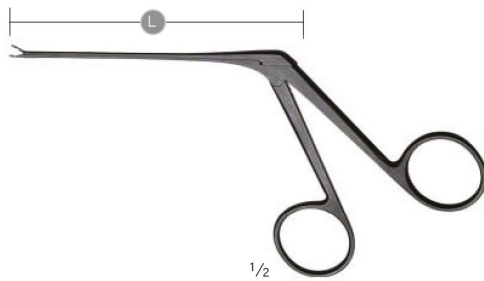
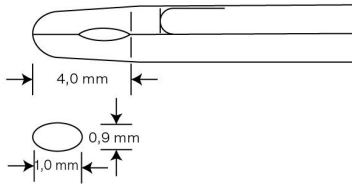


V22-120-08  
 V22-123-08



1/1	gerade, gerieft straight, serrated recta, estriada droite, striée retta, con scanalatura	aufgebogen, gerieft bent upwards, serrated curva por arriba, estriada courbée v. le haut, striée curva in alto, con scanalatura	rechts, gerieft right, serrated derecha, estriada droite, striée destra, con scanalatura	links, gerieft left, serrated izquierda, estriada gauche, striée sinistra, con scanalatura
L	8 cm	8 cm	8 cm	8 cm
SB	V22-116-08	V22-117-08	V22-118-08	V22-119-08
St	V22-120-08	V22-121-08	V22-122-08	V22-123-08

**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pince auriculaires  
 Micro Pinze auricolari



**V 22-124-08**  
**V 22-127-08**

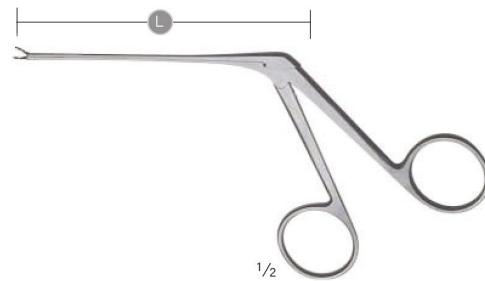
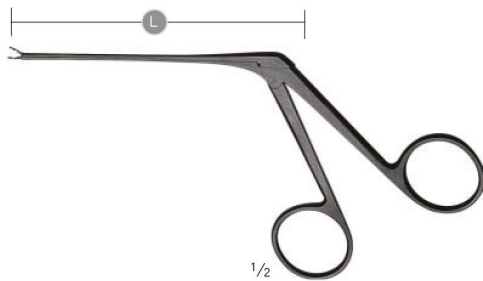
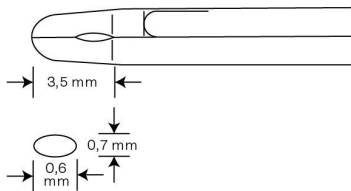
Löffel  
 cup  
 cucharilla  
 curette  
 cucchiaio

**V 22-128-08**  
**V 22-131-08**

Löffel  
 cup  
 cucharilla  
 curette  
 cucchiaio

	gerade straight recta droite retta	aufgebogen bent upwards curva por arriba courbée en haut curva in alto	rechts right derecha droite destra	links left izquierda gauche sinistra
1/4				
L	8 cm	8 cm	8 cm	8 cm
SB	<b>V22-124-08</b>	<b>V22-125-08</b>	<b>V22-126-08</b>	<b>V22-127-08</b>
St	<b>V22-128-08</b>	<b>V22-129-08</b>	<b>V22-130-08</b>	<b>V22-131-08</b>

**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pinze auriculaires  
 Micro Pinze auricolari



**Mini-McGee**  
**V22-132-08**  
**V22-135-08**

Löffel  
 cup  
 cucharilla  
 curette  
 cucchiaio

**Mini-McGee**  
**V22-136-08**  
**V22-139-08**

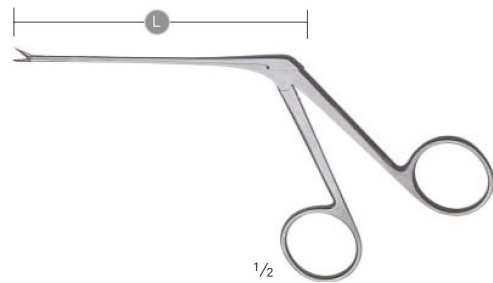
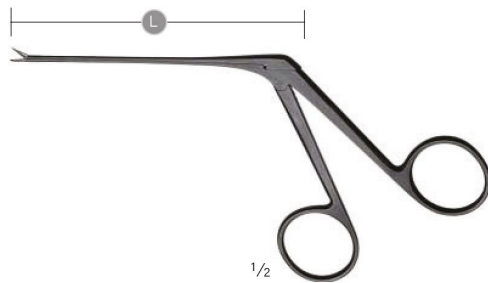
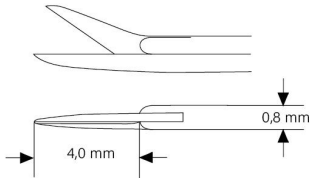
Löffel  
 cup  
 cucharilla  
 curette  
 cucchiaio

	gerade straight recta droite retta	aufgebogen bent upwards curva por arriba courbée en haut curva in alto	rechts right derecha droite destra	links left izquierda gauche sinistra
1/1				
L	8 cm	8 cm	8 cm	8 cm
SB	V22-132-08	V22-133-08	V22-134-08	V22-135-08
St	V22-136-08	V22-137-08	V22-138-08	V22-139-08





**Micro Ear Scissors**  
 Mikro-Ohrscherchen  
 Micro tijeras auriculares  
 Micro Ciseaux auriculaires  
 Micro Forbici auricolari



**Bellucci**  
**V22-140-08**  
**V22-143-08**

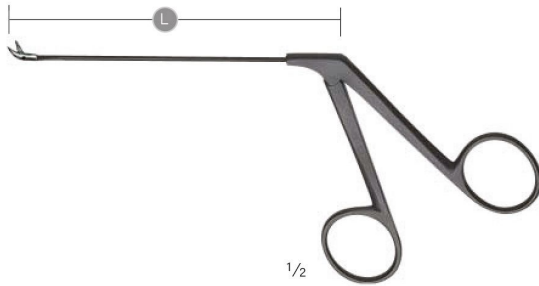
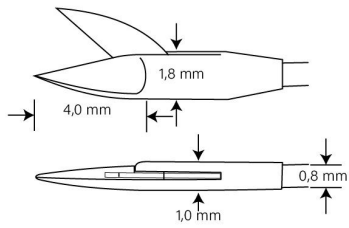
sehr fein  
 very delicate  
 muy fino  
 très fin  
 strafino

**Bellucci**  
**V22-144-08**  
**V22-147-08**

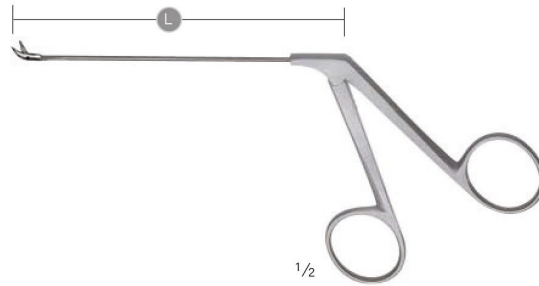
sehr fein  
 very delicate  
 muy fino  
 très fin  
 strafino

1/1	gerade straight recta droite retta	aufgebogen bent upwards curva por arriba courbée en haut curva in alto	rechts right derecha droite destra	links left izquierda gauche sinistra
	L 8 cm	8 cm	8 cm	8 cm
SB	<b>V22-140-08</b>	<b>V22-141-08</b>	<b>V22-142-08</b>	<b>V22-143-08</b>
St	<b>V22-144-08</b>	<b>V22-145-08</b>	<b>V22-146-08</b>	<b>V22-147-08</b>

**Micro Ear Scissors**  
 Mikro-Ohrscherchen  
 Micro tijeras auriculares  
 Micro Ciseaux auriculaires  
 Micro Forbici auricolari



**Wullstein**  
**V22-148-09**  
**V22-151-09**

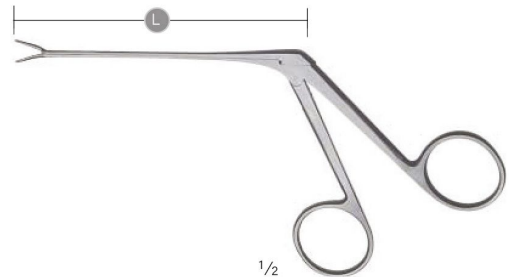
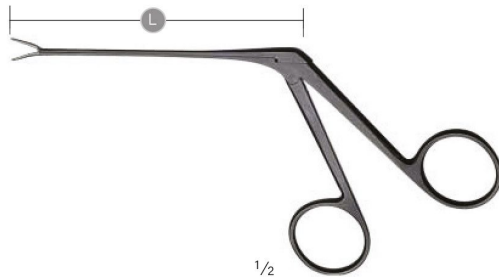
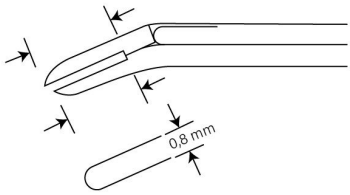


**Wullstein**  
**V22-152-09**  
**V22-155-09**

	gerade straight recta droite retta	aufgebogen bent upwards curva por arriba courbée en haut curva in alto	rechts right derecha droite destra	links left izquierda gauche sinistra
1/4				
L	9 cm	9 cm	9 cm	9 cm
SB	V22-148-09	V22-149-09	V22-150-09	V22-151-09
St	V22-152-09	V22-153-09	V22-154-09	V22-155-09



**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pince auriculaires  
 Micro Pinze auricolari



**McGee**

**V22-156-08**

**V22-157-08**

Drahtbiegezängchen  
 Wire Bending Forceps  
 Pinza para plegar alambre  
 Pince à plier les fils d'acier  
 Pinza per piegare fili metallici

**McGee**

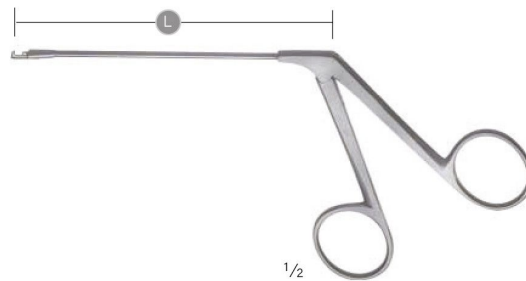
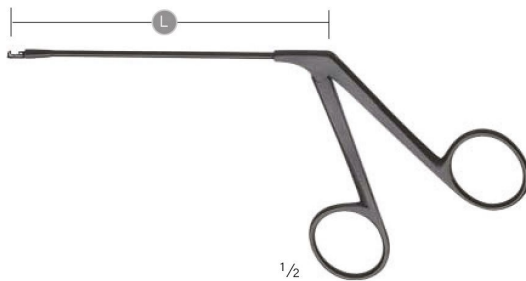
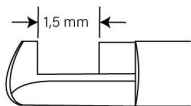
**V22-158-08**

**V22-159-08**

Drahtbiegezängchen  
 Wire Bending Forceps  
 Pinza para plegar alambre  
 Pince à plier les fils d'acier  
 Pinza per piegare fili metallici

1/1	abgewinkelt angled downward acodado abajo angulé vers le bas angolato verso il basso	abgewinkelt angled downward acodado abajo angulé vers le bas angolato verso il basso
	3,5 mm 0,8 x 3,5 mm	6,0 mm 0,8 x 6,0 mm
L	8 cm	8 cm
SB	<b>V22-156-08</b>	<b>V22-157-08</b>
St	<b>V22-158-08</b>	<b>V22-159-08</b>

**Micro Ear Forceps**  
 Mikro-Ohrzängchen  
 Micro pinzas auriculares  
 Micro Pinze auricolaires  
 Micro Pinze auricolari



**House-Dieter**

**V22-160-09**

**V22-163-09**

Hammerkopfzängchen  
 Malleus Nipper  
 Pinza para cabezal del maléolo  
 Pince pour l'os marteau  
 Pinza per testa del martelletto

**House-Dieter**

**V22-164-09**

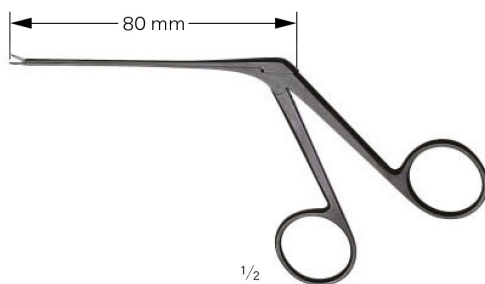
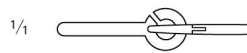
**V22-167-09**

Hammerkopfzängchen  
 Malleus Nipper  
 Pinza para cabezal del maléolo  
 Pince pour l'os marteau  
 Pinza per testa del martelletto

	oben schneidend up-cutting corte arriba tranchante en haut tagliente in alto	unten schneidend down-cutting corte abajo tranchante en bas tagliente in basso	rechts schneidend right-cutting corte derecho tranchant à droite tagliente a destra	links schneidend left-cutting corte izquierdo tranchant à gauche tagliente a sinistra
1/4				
L	9 cm	9 cm	9 cm	9 cm
SB	<b>V22-160-09</b>	<b>V22-161-09</b>	<b>V22-162-09</b>	<b>V22-163-09</b>
St	<b>V22-164-09</b>	<b>V22-165-09</b>	<b>V22-166-09</b>	<b>V22-167-09</b>



**Micro Ear Forceps**  
Mikro-Ohrzängchen  
Micro pinzas auriculares  
Micro Pince auriculaires  
Micro Pinze auricolari

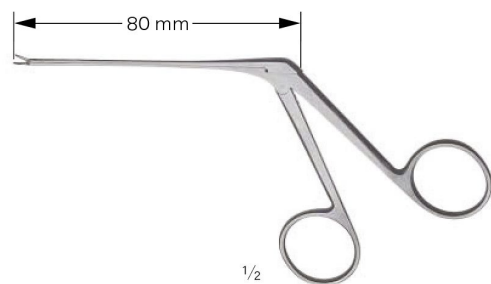


**Fuller**

**V22-168-08**

SB

Einführungszängchen, für Teflonprothesen  
Introducing Forceps, for teflon prosthesis  
Pinza para introducir, para prótesis de teflon  
Pince pour introduction, pour prothèse en téflon  
Pinza per introduzione, per protesi in teflon



**Fuller**

**V22-169-08**

St

Einführungszängchen, für Teflonprothesen  
Introducing Forceps, for teflon prosthesis  
Pinza para introducir, para prótesis de teflon  
Pince pour introduction, pour prothèse en téflon  
Pinza per introduzione, per protesi in teflon

**Micro Ear Knives**  
 Mikro-Ohrmesser  
 Micro cuchillos auriculares  
 Micro Couteaux auriculaires  
 Micro Coltelli



**Schuknecht**  
**V22-170-14**

14,5 cm / 5 9/16"  
 Sichelmesser  
 Sickle Knife  
 Cuchillo de hoz  
 Synéchiotome  
 Coltello falcato  
 come sinechia



**Wullstein**  
**V22-171-15**

15,5 cm / 6 1/8"  
 Sichelmesser  
 Sickle Knife  
 Cuchillo de hoz  
 Synéchiotome  
 Coltello falcato  
 come sinechia



**Tabb**  
**V22-172-15**

15,5 cm / 6 1/8"  
 Schleimhautmesser  
 Mucosa Knife  
 Cuchillo para mucosa  
 Couteau pour muqueuse  
 Bisturi per mucosa



**Plester**  
**V22-173-15**

15 cm / 5 7/8"  
 Lappenmesser  
 Flap Knife  
 Cuchillo para lóbulos  
 Couteau lobaire  
 Coltello per lobi



**Rosen**  
**V22-174-01**  
**V22-174-07**  
 15 cm / 5 7/8"

<b>V22-174-01</b>	Fig. 1	Ø 3,0 mm	
<b>V22-174-02</b>	Fig. 2	Ø 2,8 mm	
<b>V22-174-03</b>	Fig. 3	Ø 2,6 mm	
<b>V22-174-04</b>	Fig. 4	Ø 2,0 mm	
<b>V22-174-05</b>	Fig. 5	Ø 1,6 mm	
<b>V22-174-06</b>	Fig. 6	Ø 1,4 mm	
<b>V22-174-07</b>	Fig. 7	Ø 1,0 mm	



**Micro Ear Hooks, Micro Ear Needles**

Mikro-Ohrhäkchen, Mikro-Ohrnadeln

Micro ganchitos auriculares, Micro agujas auriculares

Micro Crochets auriculaires, Micro Aiguilles auriculaires

Micro Uncini auricolari, Micro Aghi auricolari



1/4

**Barbara**  
V22-175-01



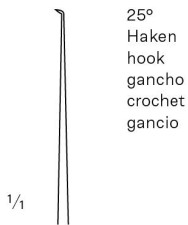
**Barbara**  
V22-175-02



**Barbara**  
V22-175-03



**Rosen**  
V22-175-04



1/4

25°  
Haken  
hook  
gancho  
crochet  
gancio

V22-175-05	0,3 mm
V22-175-06	0,6 mm
V22-175-07	1,0 mm



45°  
Haken  
hook  
gancho  
crochet  
gancio

V22-175-08	0,3 mm
V22-175-09	0,6 mm
V22-175-10	1,0 mm
V22-175-11	1,2 mm
V22-175-12	1,5 mm
V22-175-13	2,0 mm
V22-175-14	2,5 mm



90°  
Haken  
hook  
gancho  
crochet  
gancio

V22-175-15	0,3 mm
V22-175-16	0,6 mm
V22-175-17	1,0 mm
V22-175-18	1,2 mm
V22-175-19	1,5 mm
V22-175-20	2,0 mm
V22-175-21	2,5 mm



V22-175-22	0,5 mm
V22-175-23	1,0 mm

1/2

V22-175-01  
V22-175-23  
16 cm / 6 2/8"



**Micro Ear Hooks, Micro Ear Needles**

Mikro-Ohrhäkchen, Mikro-Ohrnadeln  
 Micro ganchitos auriculares, Micro agujas auriculares  
 Micro Crochets auriculaires, Micro Aiguilles auriculaires  
 Micro Uncini auricolari, Micro Aghi auricolari



1/2



1/4

aufgewinkelt  
bent upwards  
angulado hacia arriba  
coudé en haut  
angolato in alto  
90°



abgewinkelt  
angled  
angulada  
coudée  
angulata  
90°



aufgebogen  
bent upwards  
angulado hacia arriba  
coudé en haut  
angolato in alto



abgewinkelt  
angled  
angulada  
coudée  
angulata

<b>V22-176-01</b>	0,3 mm
<b>V22-176-02</b>	0,6 mm
<b>V22-176-03</b>	1,0 mm

<b>V22-177-01</b>	0,3 mm
<b>V22-177-02</b>	0,6 mm
<b>V22-177-03</b>	1,0 mm

**McGee**

<b>V22-178-01</b>	0,5 mm
<b>V22-178-02</b>	1,0 mm

für Fußplatte  
for footplate  
para la platina estapediense  
pour la platine de l'étrier  
per la piedistallo

**McGee**

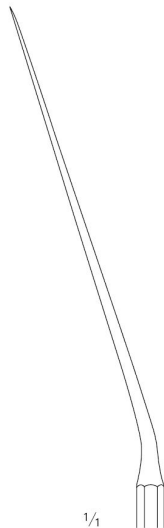
<b>V22-179-01</b>	0,5 mm
<b>V22-179-02</b>	1,0 mm

für Fußplatte  
for footplate  
para la platina estapediense  
pour la platine de l'étrier  
per la piedistallo

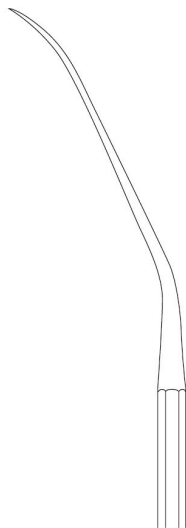
**V22-176-01**  
**V22-179-02**  
 15,5 cm / 6 1/8"



1/2



1/4



**Barbara**  
**V22-180-01**  
**V22-180-02**  
 15,5 cm / 6 1/8"

**V22-180-01**





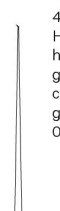

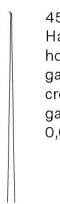
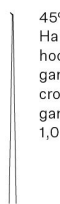
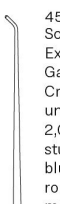

**V22-180-02**












**Micro Ear Hooks, Micro Dissectors**

Mikro-Ohrhäkchen, Mikro-Dissektoren  
 Micro ganchitos auriculares, Micro disecadores  
 Micro Crochets auriculaires, Micro Dissecteurs  
 Micro Uncini auricolari, Micro Dissettori

 1/2	 1/4 25° Haken hook gancho crochet gancio 0,3 mm <b>V22-181-01</b>	 25° Haken hook gancho crochet gancio 0,6 mm <b>V22-181-02</b>	 25° Haken hook gancho crochet gancio 1,0 mm <b>Shambaugh                  V22-181-03</b>	 45° Haken hook gancho crochet gancio 0,3 mm <b>V22-181-04</b>
 <b>V22-181-01                  V22-181-08</b> 15 cm / 5 7/8"	 45° Haken hook gancho crochet gancio 0,6 mm <b>V22-181-05</b>	 45° Haken hook gancho crochet gancio 1,0 mm <b>Shambaugh                  V22-181-06</b>	 45° Sondierhaken Exploring Hook Ganchito explorador Crochet à exploration uncino di sondaggio 2,0 mm stumpf blunt romo mousse smusso <b>SheaAustin                  V22-181-07</b>	 90° Attikusdissektor Attic Dissector Disecador para el ático Dissecteur pour l'attique Dissetto per l'attico 3,0 mm stumpf blunt romo mousse smusso <b>V22-181-08</b>

 1/2	 1/4 <b>V22-182-01</b> 15 cm / 5 7/8" nach rechts abgewinkelt angled to right angulada por derecha coudée vers droite angulata a destra	 <b>V22-182-02</b> 15 cm / 5 7/8" nach links abgewinkelt angled to left angulada por izquierda coudée vers gauche angulata a sinistra	 <b>V22-182-03</b> 15,5 cm / 6 1/8" nach rechts abgewinkelt angled to right angulada por derecha coudée vers droite angulata a destra	 <b>V22-182-04</b> 15,5 cm / 6 1/8" nach links abgewinkelt angled to left angulada por izquierda coudée vers gauche angulata a sinistra	 1/2 <b>Rosen                  V22-183-15</b> 15 cm / 5 7/8" Mikro-Ohrraspatorium Micro Ear Periosteal Elevator Micro Legra auricular Micro Rugine-Raspatoire auriculaire Micro Raspatore auricolare	 1/4 1,2 mm
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**Micro Curettes, Micro Measuring Rods**  
 Mikro-Küretten, Mikro-Messsonden  
 Micro cucharillas, Micro Sondas para medir  
 Micro Curettes, Micro Sondes pour mesurer  
 Micro cucchiari, Micro Sonde per misurare



1/1

**V22-184-01**  
 Markierung bis  
 Marking up to  
 Manchar hasta  
 Marquage jusque  
 Marcatura fino a  
 3,5 mm



**V22-184-02**  
 Markierung bis  
 Marking up to  
 Manchar hasta  
 Marquage jusque  
 Marcatura fino a  
 4,0 mm

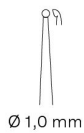


**V22-184-03**  
 Markierung bis  
 Marking up to  
 Manchar hasta  
 Marquage jusque  
 Marcatura fino a  
 4,5 mm



**V22-184-04**  
 Markierung bis  
 Marking up to  
 Manchar hasta  
 Marquage jusque  
 Marcatura fino a  
 5,0 mm

**House**  
**V22-184-01**  
**V22-184-04**  
 15,5 cm / 6 1/8"



**V22-185-01**

Ø 1,2 mm

1/1



**V22-185-02**

Ø 1,8 mm



**V22-185-03**

Ø 1,2 mm

1/1

**House**  
**V22-185-01**  
**V22-185-03**  
 14,5 cm / 5 9/16"



**Ear Specula**  
 Ohrspekula  
 Espéculos auriculares  
 Spéculums auriculaires  
 Specoli auricolari

St



1/4

0

1

2

3

4

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
Ø 3,0 mm	Ø 4,0 mm	Ø 5,0 mm	Ø 6,0 mm	Ø 7,5 mm
<b>V22-186-00</b>	<b>V22-186-01</b>	<b>V22-186-02</b>	<b>V22-186-03</b>	<b>V22-186-04</b>

**Hartmann**  
**V22-186-00**  
**V22-187-03**  
 3,6 cm / 1 3/8"

Fig. 0 - 2	Fig. 2 - 4	Fig. 1 - 4
<b>V22-187-01</b>	<b>V22-187-02</b>	<b>V22-187-03</b>
Ohrspekula, Satz, Ear Specula, set Espéculos auriculares, juego Spéculums auriculaires, jeu Specoli auricolari, set für Kinder for children para niños pour enfants per bambini	Ohrspekula, Satz, Ear Specula, set Espéculos auriculares, juego Spéculums auriculaires, jeu Specoli auricolari, set für Erwachsene for adults para adultos pour adultes per adulti	Ohrspekula, Satz, Ear Specula, set Espéculos auriculares, juego Spéculums auriculaires, jeu Specoli auricolari, set für Erwachsene for adults para adultos pour adultes per adulti

St



1/4

1

2

3

4

Fig. 1	Fig. 2	Fig. 3	Fig. 4
Ø 4,0 mm	Ø 5,0 mm	Ø 6,0 mm	Ø 7,5 mm
<b>V22-188-01</b>	<b>V22-188-02</b>	<b>V22-188-03</b>	<b>V22-188-04</b>

**Toynbee**  
**V22-188-01**  
**V22-189-02**  
 3,6 cm / 1 3/8"

Fig. 2 - 4	Fig. 1 - 4
<b>V22-189-01</b>	<b>V22-189-02</b>
Ohrspekula, Satz, Ear Specula, set Espéculos auriculares, juego Spéculums auriculaires, jeu Specoli auricolari, set für Erwachsene for adults para adultos pour adultes per adulti	Ohrspekula, Satz, Ear Specula, set Espéculos auriculares, juego Spéculums auriculaires, jeu Specoli auricolari, set für Erwachsene for adults para adultos pour adultes per adulti

V

## Ear Specula

Ohrspekula  
Espéculos auriculares  
Spéculums auriculaires  
Specoli auricolari

Al



1/2



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
5,5 x 6,5 mm	6,5 x 7,5 mm	7,5 x 8,5 mm	8,5 x 9,5 mm	9,5 x 10,5 mm	10,5 x 11,5 mm
V22-190-01	V22-190-02	V22-190-03	V22-190-04	V22-190-05	V22-190-06

## Zöllner

V22-190-00

V22-190-06

3,8 cm / 1 5/8"  
oval, schwarz  
oval, black  
ovalado, negro  
ovale, noire  
ovale, nero

Fig. 1 - 6

V22-190-00

Ohrspekula, Satz,  
Ear Specula, set  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

St  
18/8



1/2



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
Ø 5,5 mm	Ø 6,5 mm	Ø 7,5 mm	Ø 8,5 mm	Ø 9,5 mm	Ø 10,5 mm	Ø 11,5 mm
V22-191-01	V22-191-02	V22-191-03	V22-191-04	V22-191-05	V22-191-06	V22-191-07

## Farrior

V22-191-01

V22-191-07

3,6 cm / 1 3/8"

rund, schwarz  
round, black  
redondo, negro  
ronde, noire  
rotondo, nero



1/2

V22-192-12

Ohrspekulaständer  
Ear Specula Storage Rack  
Soporte para espéculos auriculares  
Support pour spéculums auriculaires  
Supporto per specoli auricolari



**Tuning Forks**  
 Stimmgabeln  
 Diapasónes  
 Diapasons  
 Diapason



1/2

**French**  
**V22-193-01**  
 C<sub>2</sub> 16



1/2

**French**  
**V22-193-02**  
 C<sub>1</sub> 32



1/2

**Hartmann**  
**V22-193-03**  
 C 64



1/2

**Hartmann**  
**V22-193-04**  
 C 128



1/2

**Hartmann**  
**V 22-193-05**  
 C<sup>1</sup> 256

**Tuning Forks**  
 Stimmgabeln  
 Diapasónes  
 Diapasons  
 Diapason



1/2

**Martin**  
**V22-194-01** AI  
 C 128



1/2

**Martin**  
**V22-194-02** AI  
 C 256



1/2

**Martin-Alloy**  
**V22-194-03** AI  
 C 512



1/2

**Martin-Alloy**  
**V22-194-04** AI  
 C 1024



1/2

**Martin-Alloy**  
**V22-194-05** AI  
 C 2048



1/2

**Hartmann**  
**V22-195-01**  
 C 128



1/2

**Hartmann**  
**V22-195-02**  
 C¹ 256



1/2

**Hartmann**  
**V22-195-03**  
 C² 512



1/2

**Hartmann**  
**V22-195-04**  
 C³ 1024



1/2

**Hartmann**  
**V22-195-05**  
 C⁴ 2048



1/2

**Hartmann**  
**V22-195-06**  
 C⁵ 4096

**Tuning Forks**  
 Stimmgabeln  
 Diapasones  
 Diapasons  
 Diapason



1/2

**Lucae**  
**V22-196-01**  
 C 128



1/2

**Lucae**  
**V22-196-02**  
 C<sup>1</sup> 256



1/2

**Lucae**  
**V22-196-03**  
 C<sup>2</sup> 512



1/2

**Lucae**  
**V22-196-04**  
 C<sup>3</sup> 1024



1/2

**Lucae**  
**V22-196-05**  
 C<sup>4</sup> 2048



1/2

**Lucae**  
**V22-196-06**  
 C<sup>5</sup> 4096

**C22-196-90-98**

Fuss, allein  
 Socket, only  
 Pedestal, suelto  
 Socle, seul  
 Zoccolo, solo



1/2

**Lucae**  
**V22-197-10**

C 128  
 verschiebbar bis h  
 moveable up to h  
 regulable hasta h  
 réglable jusqu'à h  
 regolabile fino a h

1/4

**V22-197-91-98**

Fuss, allein  
 Socket, only  
 Pedestal, suelto  
 Socle, seul  
 Zoccolo, solo



1/2

**Hartmann**  
**V22-198-10**

C 128  
 verschiebbar bis h  
 moveable up to h  
 regulable hasta h  
 réglable jusqu'à h  
 regolabile fino a h

1/4



1/2

**Hartmann**  
**V22-199-11**

C<sup>1</sup> 256

**V22-199-90-98**

Fuss, allein  
 Socket, only  
 Pedestal, suelto  
 Socle, seul  
 Zoccolo, solo

**Tuning Forks**  
Stimmgabeln  
Diapasones  
Diapasons  
Diapason

**V 22-200-90-98**

Dämpfer  
Dampfer  
Sordina  
Curseur  
Sordina  
weiße Skala  
white scale  
balanza blanca  
l'échelle graduée blanche  
scala bianca



V22-201-10

**V 22-200-91-98**

Dämpfer  
Dampfer  
Sordina  
Curseur  
Sordina  
schwarze Skala  
black scale  
balanza negra  
l'échelle graduée noire  
scala nera



V22-201-10

**V 22-200-92-98**

Rändelschraube  
Knurled screw  
Tornillo moleteado  
Vis moletée Vite a  
testa zigrinata



V22-201-10

**V 22-200-93-98**

Gewichte, C 64  
Weights, C 64  
Pesas, C 64  
Poids, C 64  
Pesi, C 64



V22-201-10



1/2

**Rydel-Seiffert**

**V 22-201-10**

C 64 / c 128

auch für Neurologie  
also for neurology  
también para neurología  
aussi pour la neurologie  
anche per neurologia

AI

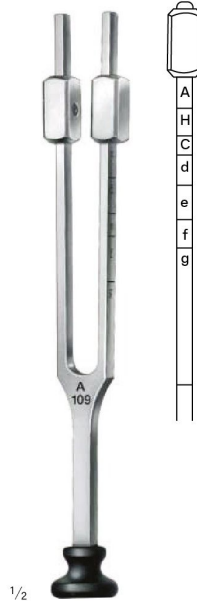


1/2

**Neuro**

**V 22-202-00**

mit Hammer, Nadelrad, Pinsel und Nadel  
with hammer, pinwheel, brush and needle  
con martillo, rueda con espinas, cepillo y aguja  
avec marteaux, roue aux épingles, brosette et aiguille  
con martello, algesimetro, pennello ed ago



1/2

**König**

**V 22-203-59**

A 109

verschiebbar bis g  
moveable up to g  
regulable hasta g  
réglable jusqu'à g  
regolabile fino a g

**V 22-204-90-98**

Bakelitfuß  
Bakelit base  
Base de Bakelit  
Base de Bakelit  
Base di Bakelit



V22-204-61



1/2

**V 22-204-61**

a1 440





**Ear Catheters, Polypus Snares**  
 Ohrkatheter, Polypenschnürer  
 Sondas auriculares, Polipótomos  
 Sondes auriculaires, Serre-noeuds  
 Sonde auricolari, Serranodi

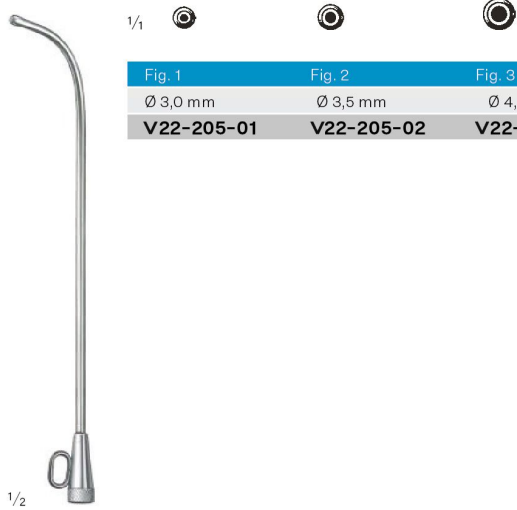


Fig. 1	Fig. 2	Fig. 3
Ø 3,0 mm	Ø 3,5 mm	Ø 4,0 mm
<b>V22-205-01</b>	<b>V22-205-02</b>	<b>V22-205-03</b>

**Hartmann**  
**V 22-205-01**  
**V 22-205-02**  
 15 cm / 5 7/8"



**V 22-206-11**  
 Schaftlänge  
 shaft length  
 longitud del vástago  
 longueur de la tige  
 lunghezza dell'asta  
 110 mm



**Krause**  
**V 22-207-18**  
 18,5 cm / 7 2/8"  
 offenes Ende  
 open tip  
 punta abierta  
 pointe ouverte  
 punta aperta



**Krause-Voss**  
**V 22-208-18**  
 18,5 cm / 7 2/8"  
 geschlossenes Ende  
 closed tip  
 punta cerrada  
 pointe fermée  
 punt chiusa

**V22-208-90-98**  
 Polypenschnürer  
 Polypus Snares  
 Polipótomos  
 Serre-noeuds  
 Serranodi

➔ **V22-208-18**



**V 22-209-30**  
 Ø 0,3 mm

**V 22-209-40**  
 Ø 0,4 mm

**V 22-209-30** ➔ **V22-207-18**  
**V 22-209-40** ➔ **V22-208-18**  
 Schnürdraht, Rolle mit 10 m  
 Snare Wire, coil of 10 m  
 Alambre, rollo de 10 m  
 Serre-noeuds, en rouleaux de 10 m  
 Filo in acciaio, rotolo di 10 m

**Ear Forceps**

Ohrpinzetten  
Pinzas auriculares  
Pinces auriculaires  
Pinze auricolari



**Tröltzsch (Wilde)**  
**V22-210-10**  
10,5 cm / 4 1/8"



**Tröltzsch (Wilde)**  
**V22-211-11**  
11 cm / 4 3/8"



**Tröltzsch (Wilde)**  
**V22-212-12**  
12,5 cm / 4 7/8"



**Grünwald**  
**V22-213-14**  
14,5 cm / 5 7/8"



**Jansen**  
**V22-214-16**  
16 cm / 6 2/8"  
**V22-214-21**  
21,5 cm / 8 4/8"



**Ear Polypus Forceps**  
 Ohrpolypenzangen  
 Pinzas para pólipos auriculares  
 Pincès pour polypes auriculaires  
 Pinze per polipi auricolari

1/4 



1/2

**Hartmann**  
**V22-215-12**

feines Modell	Schaftlänge
delicate pattern	shaft length
modelo delicado	longitud del vástago
modèle fin	longueur de la tige
modello fino	lunghezza dell'asta
	65 mm

1/4 



1/2

**Hartmann**  
**V22-216-14**

normales Modell	Schaftlänge
regular model	shaft length
modelo regular	longitud del vástago
modèle normal	longueur de la tige
modello normale	lunghezza dell'asta
	65 mm

1/4 



1/2

**Buck**  
**V22-217-11**

11,5 cm / 4 1/8"  
 Fremdkörperzängchen  
 Foreign Body Lever  
 Elevador para cuerpos extraños  
 Pince pour polypes auriculaires  
 Pinza per corpi estranei

1/4 



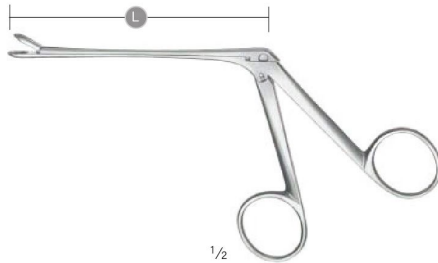
1/2

**Quire**  
**V22-218-10**

10,5 cm / 4 1/8"  
 Fremdkörperhebel  
 Foreign Body Lever  
 Elevador para cuerpos extraños  
 Pince pour corps étrangers  
 Leva per corpi estranei

### Ear Polypus Forceps

Ohrpolypenzangen  
 Pinzas para pólipos auriculares  
 Pincès pour polypes auriculaires  
 Pinze per polipi auricolari



V22-219-08  
 V22-227-08

	Hartmann-Wullstein	Hartmann-Wullstein
1/4		
L	8,5 cm	8,5 cm
	V22-219-08	V22-220-08

	Hartmann	Hartmann
1/4		
L	8,5 cm	14 cm
	V22-221-08	V22-221-14

	Hartmann-Herzfeld	Hartmann-Herzfeld	Hartmann-Herzfeld
1/4	 Ø 2,0 mm	 Ø 2,5 mm	 Ø 3,0 mm
L	8,5 cm	8,5 cm	8,5 cm
	V22-222-08	V22-223-08	V22-224-08

	Hartmann-Wullstein	Strümpel	Hartmann-Hoffmann durchschneidend through-cutting cortante tranchante tagliante
1/4	 Ø 3,0 mm		 Ø 2,0 mm
L	8,5 cm	8,5 cm	8,5 cm
	V22-225-08	V22-226-08	V22-227-08



**Mastoid Rongeurs**  
 Ohr-Knochenstanzen  
 Pinzas cortantes para huesos  
 Ostéotomes emporte-pièces  
 Pinze osteotomi

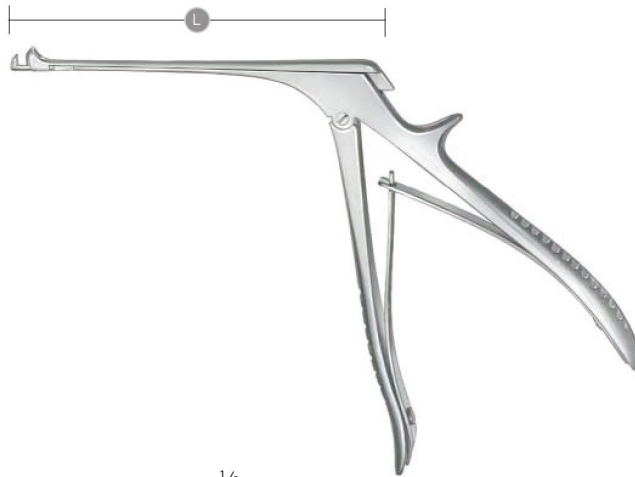


1/2

**Citelli**  
**V22-228-07**


Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto
	1/1	
	L	7,5 cm
3 mm		<b>V22-228-07</b>

**Mastoid Rongeurs**  
 Ohr-Knochenstanzen  
 Pinzas cortantes para huesos  
 Ostéotomes emporte-pièces  
 Pinze osteotomi



1/2

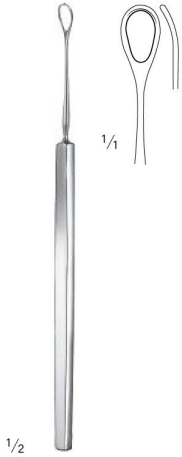
**Beyer**  
**V22-229-09**  
**V22-230-09**

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto
	1/1	
	L	9,5 cm
1 mm	U	<b>V22-229-09</b>
2 mm	U	<b>V22-230-09</b>



**Ear Curettes**

Ohrküretten  
Curetas auriculares  
Curettes auriculaires  
Curette auricolari



**Langenbeck**  
**V22-231-13**

13 cm / 5 1/8"  
stumpf  
blunt  
romo  
mousse  
smusso



Fig. 1  
**V22-232-01**



Fig. 2  
**V22-232-02**



**Shapleigh**  
**V22-232-01**  
**V22-232-02**

15 cm / 5 7/8"



<b>V22-233-00</b>	Fig. 00	Ø 2,1 mm
<b>V22-233-0</b>	Fig. 0	Ø 2,6 mm
<b>V22-233-01</b>	Fig. 1	Ø 3,2 mm
<b>V22-233-02</b>	Fig. 2	Ø 3,7 mm



**Buck**  
**V22-233-00**  
**V22-233-02**

17 cm / 6 5/8"  
stumpf  
blunt  
romo  
mousse  
smusso



**Buck**  
**V22-234-000**  
**V22-235-04**

15 cm / 6 5/8"

stumpf  
blunt  
romo  
mousse  
smusso

<b>V22-234-000</b>	Fig. 000	Ø 1,8 mm
<b>V22-234-00</b>	Fig. 00	Ø 2,1 mm
<b>V22-234-0</b>	Fig. 0	Ø 2,6 mm
<b>V22-234-01</b>	Fig. 1	Ø 3,2 mm
<b>V22-234-02</b>	Fig. 2	Ø 3,7 mm
<b>V22-234-03</b>	Fig. 3	Ø 4,1 mm
<b>V22-234-04</b>	Fig. 4	Ø 4,4 mm

scharf  
sharp  
agudo  
pojntu  
acuto

<b>V22-235-000</b>	Fig. 000	Ø 1,8 mm
<b>V22-235-00</b>	Fig. 00	Ø 2,1 mm
<b>V22-235-0</b>	Fig. 0	Ø 2,6 mm
<b>V22-235-01</b>	Fig. 1	Ø 3,2 mm
<b>V22-235-02</b>	Fig. 2	Ø 3,7 mm
<b>V22-235-03</b>	Fig. 3	Ø 4,1 mm
<b>V22-235-04</b>	Fig. 4	Ø 4,4 mm

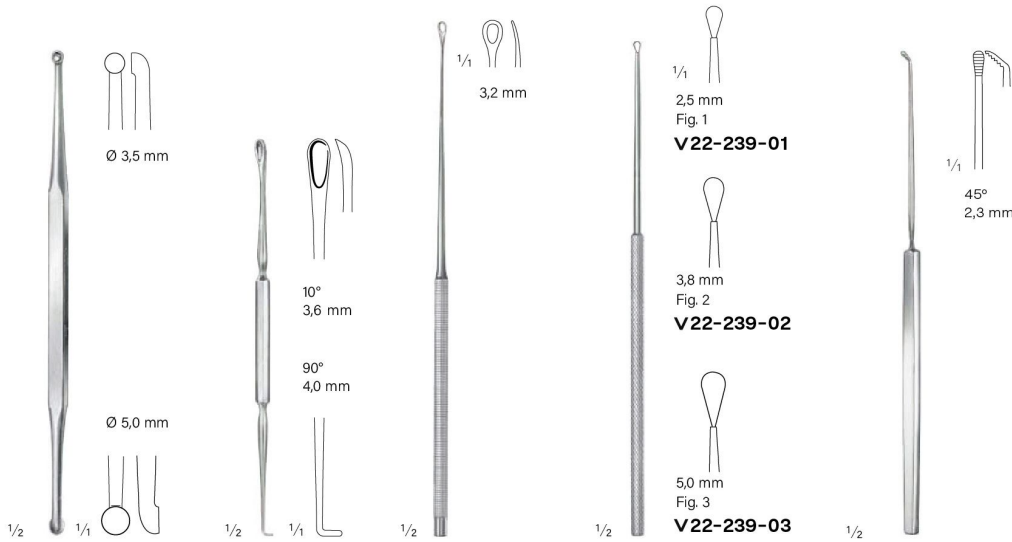
**Ear Scoop, Foreign Body Instruments**

Ohrlöffel, Fremdkörperinstrumente

Cucharilla auricular, Instrumentos para cuerpos extraí

Curette auriculaire, Instruments pour corps étrangers

Curetta auricolare, Strumenti per corpi estranei



**Jansen  
V 22-236-16**

16 cm / 6 2/8"  
scharf  
sharp  
agudo  
pointu  
acuto

**Gross  
V 22-237-13**

13 cm / 5 1/8"  
stumpf  
blunt  
romo  
mousse  
smusso

**Weber-Loch  
V 22-238-17**

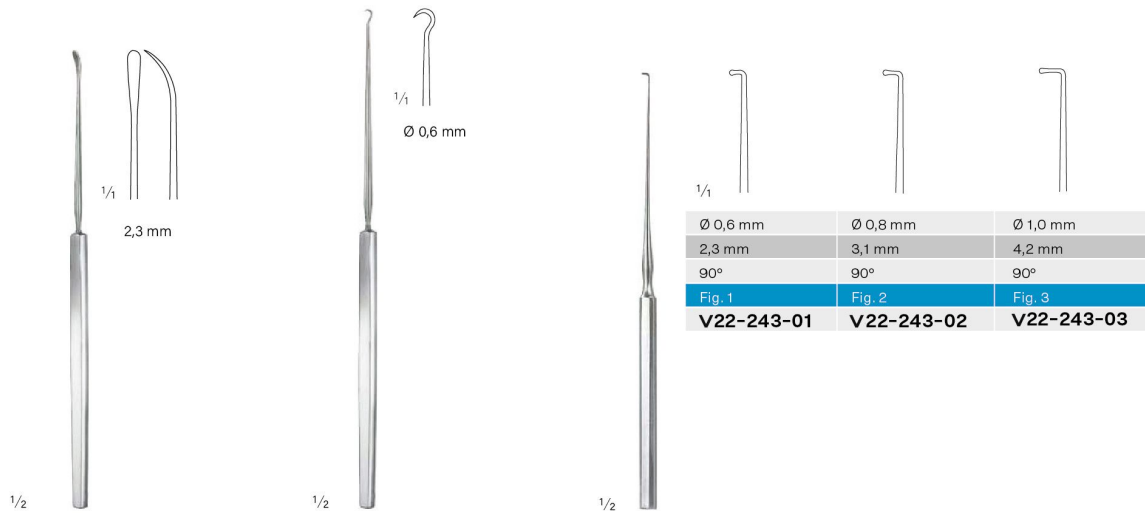
17 cm / 6 5/8"  
stumpf  
blunt  
romo  
mousse  
smusso

**Billeau  
V 22-239-01  
V 22-239-03**

16,5 cm / 6 1/8"

**Moldenhauer  
V22-240-16**

16 cm / 6 1/8"  
Fremdkörperhebel  
Foreign Body Lever  
Elevador para cuerpos extraños  
Anse auriculaire  
Leva per corpi estranei



**Zaufal  
V22-241-15**

15 cm / 5 7/8"  
Fremdkörperhebel  
Foreign Body Lever  
Elevador para cuerpos extraños  
Anse auriculaire  
Leva per corpi estranei

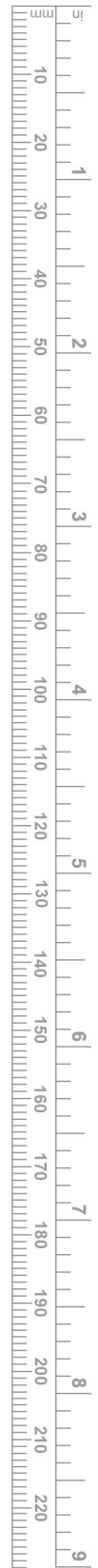
**Hartmann  
V22-242-16**

16 cm / 6 2/8"  
Ohrhäkchen  
Ear Hooklet  
Ganchito auricular  
Levier pour corps étrangers  
Uncino auricolare

**Lucae  
V22-243-01  
V22-243-03**

14 cm / 5 4/8"

Ø 0,6 mm	Ø 0,8 mm	Ø 1,0 mm
2,3 mm	3,1 mm	4,2 mm
90°	90°	90°
Fig. 1	Fig. 2	Fig. 3
V22-243-01	V22-243-02	V22-243-03





**Ear Hooklet, Tympanum Needles**

Ohrhäkchen, Trommelfellnadeln

Ganchito auricular, Agujas para tímpano

Levier pour corps étrangers, Instruments pour corps é

Uncino auricolare, Strumenti per corpi estranei

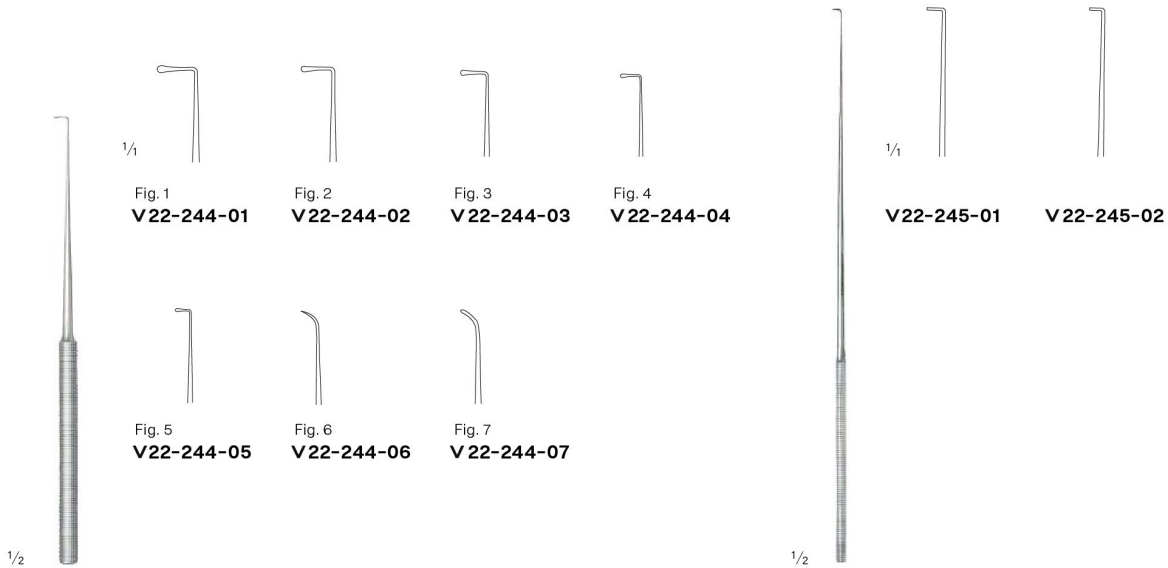


Fig. 1  
**V22-244-01**

Fig. 2  
**V22-244-02**

Fig. 3  
**V22-244-03**

Fig. 4  
**V22-244-04**

**V22-245-01**

**V22-245-02**

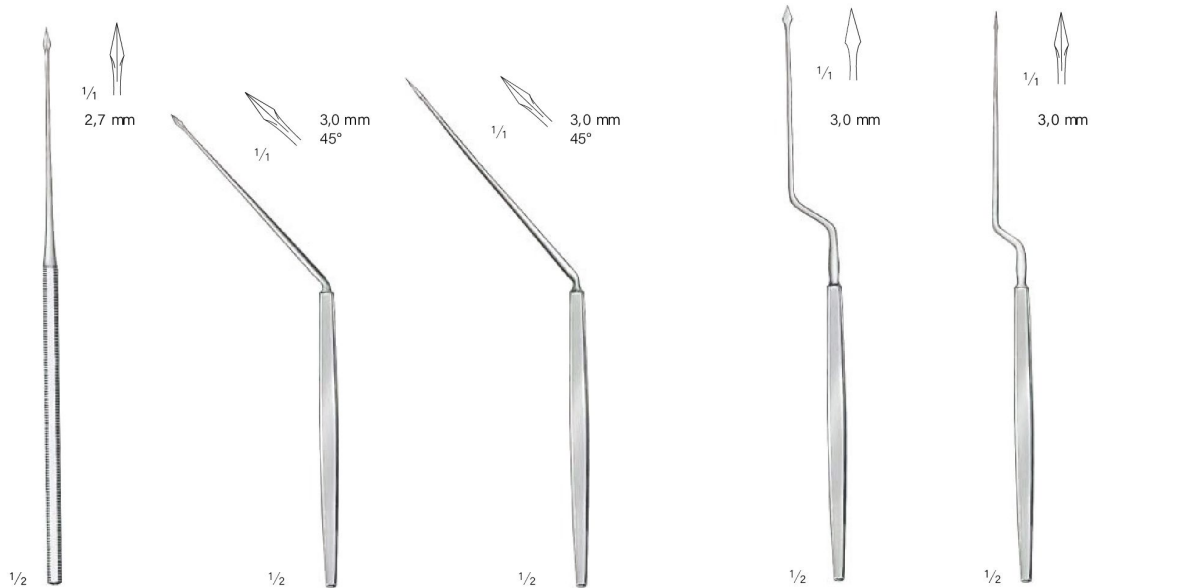
Fig. 5  
**V22-244-05**

Fig. 6  
**V22-244-06**

Fig. 7  
**V22-244-07**

**Wagener**  
**V22-244-01**  
**V22-244-07**  
14 cm / 5 5/8"

**Day**  
**V22-245-01**  
**V22-245-02**  
17 cm / 6 5/8"



**Politzer**  
**V22-246-17**  
17,5 cm / 6 7/8"

**Politzer**  
**V22-247-15**  
15,5 cm / 6 1/8"  
Nadel vertikal  
needle vertically  
aguja en posición vertical  
aiguille verticale  
ago verticale

**Politzer**  
**V22-248-16**  
16 cm / 6 2/8"  
Nadel horizontal  
needle horizontally  
aguja en posición horizontal  
aiguille horizontale  
ago orizzontale

**Lucae**  
**V22-249-18**  
18 cm / 7 1/8"  
Nadel vertikal  
needle vertically  
aguja en posición vertical  
aiguille verticale  
ago verticale

**Lucae**  
**V22-250-17**  
17,5 cm / 6 7/8"  
Nadel horizontal  
needle horizontally  
aguja en posición horizontal  
aiguille horizontale  
ago orizzontale

**Ear Periosteal Elevators, Ear Scoop**

Ohrraspatorien, Ohrlöffel

Legras auriculares, Cucharilla auricular

Rugines-raspatoires auriculaires, Rugine-raspatoire e

Raspatori auricolari, Curetta auricolare



**Lempert**  
**V22-251-20**  
20,5 cm / 8 1/8"



**Lempert**  
**V22-252-18**  
18 cm / 7 1/8"



**Lempert**  
**V22-253-01**  
**V22-253-05**  
21,5 cm / 8 4/8"  
scharf  
sharp  
agudo  
pointu  
acuto

1/4 0  
1,5 mm  
Fig. 5  
**V22-253-05**

0  
2,0 mm  
Fig. 4  
**V22-253-04**

0  
2,2 mm  
Fig. 3  
**V22-253-03**

0  
2,5 mm  
Fig. 2  
**V22-253-02**

0  
2,7 mm  
Fig. 1  
**V22-253-01**



## Nasal Specula

Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali



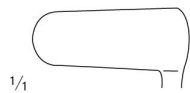
1/2

### Goldsmith (Thudichum)

V22-254-01

V22-254-03

6,5 cm / 2 5/8"



1/1

Fig. 1  
**V22-254-01**

Blätter  
blades  
hojas  
lames  
lame  
18,5 x 9,5 mm



Fig. 2  
**V22-254-02**

Blätter  
blades  
hojas  
lames  
lame  
21,0 x 10,5 mm

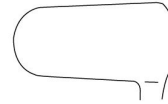


Fig. 3  
**V22-254-03**

Blätter  
blades  
hojas  
lames  
lame  
21,0 x 11,5 mm



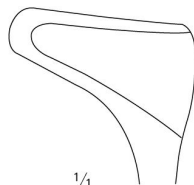
1/2

### Hartmann-Halle

V22-255-01

V22-255-03

16 cm / 6 2/8"



1/1

Fig. 1  
**V22-255-01**

Blätter  
blades  
hojas  
lames  
lame  
27 mm

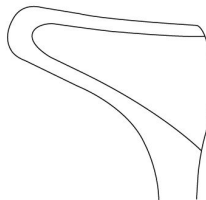


Fig. 2  
**V22-255-02**

Blätter  
blades  
hojas  
lames  
lame  
31 mm

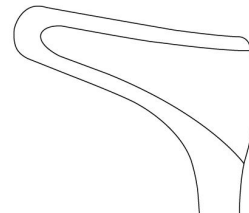


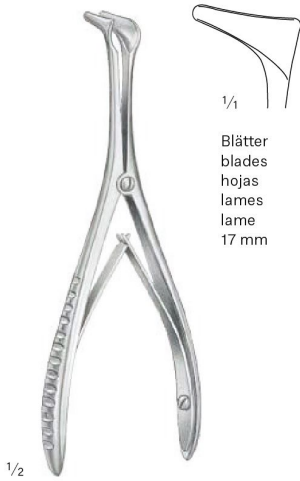
Fig. 3  
**V22-255-03**

Blätter  
blades  
hojas  
lames  
lame  
35 mm



**Nasal Specula**

Nasenspekula  
Especulos nasales  
Spéculums nasaux  
Specoli nasali



1/4  
Blätter  
blades  
hojas  
lames  
lame  
17 mm

1/2

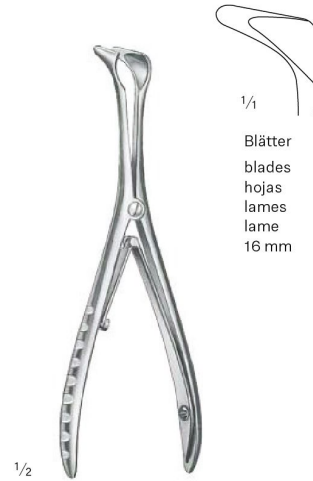
**Martin**  
**V 22-256-13**  
13 cm / 5 1/8"



1/4  
Blätter  
blades  
hojas  
lames  
lame  
17 mm

1/2

**Martin**  
**V 22-257-13**  
13 cm / 5 1/8"



1/4  
Blätter  
blades  
hojas  
lames  
lame  
16 mm

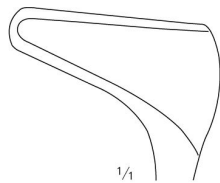
1/2

**Tieck-Halle**  
**V 22-258-13**  
13 cm / 5 1/8"



1/2

**Killian**  
**V 22-259-01**  
**V 22-259-04**



1/4

Fig. 1  
**V 22-259-01**  
14 cm / 5 4/8"  
Blätter  
blades  
hojas  
lames  
lame  
35 mm

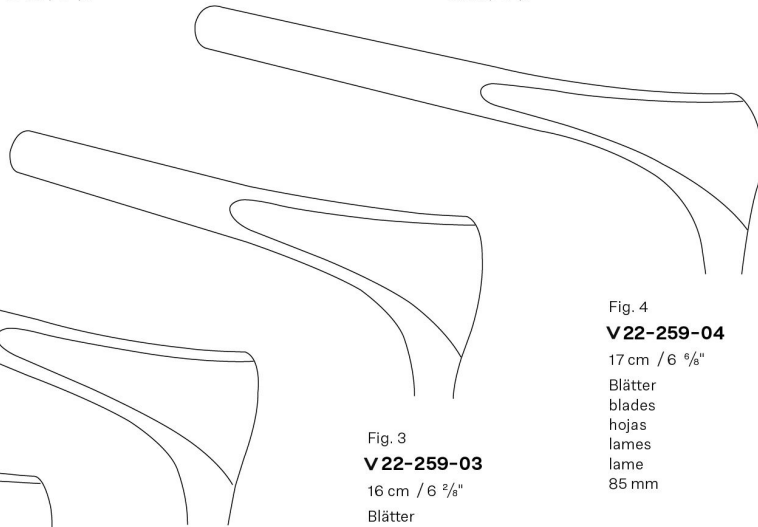


Fig. 2  
**V 22-259-02**  
14,5 cm / 5 9/16"  
Blätter  
blades  
hojas  
lames  
lame  
50 mm

Fig. 3  
**V 22-259-03**  
16 cm / 6 2/8"  
Blätter  
blades  
hojas  
lames  
lame  
75 mm

Fig. 4  
**V 22-259-04**  
17 cm / 6 5/8"  
Blätter  
blades  
hojas  
lames  
lame  
85 mm

**Nasal Specula**

Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali

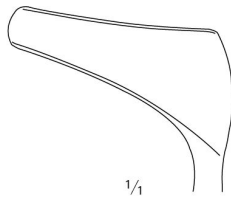


1/2

**Mod. Wien**

**V22-260-13**

13,5 cm / 5 3/8"



1/1

Blätter  
blades  
hojas  
lames  
lame  
30 mm

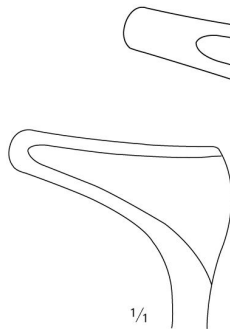


1/2

**Cottle**

**V22-261-01**

**V22-261-04**



1/1

Fig. 1  
**V22-261-01**  
13,5 cm / 5 3/8"  
Blätter  
blades  
hojas  
lames  
lame  
35 mm

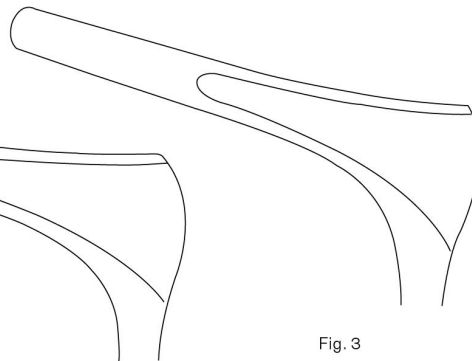


Fig. 2  
**V22-261-02**  
14 cm / 5 4/8"  
Blätter  
blades  
hojas  
lames  
lame  
50 mm

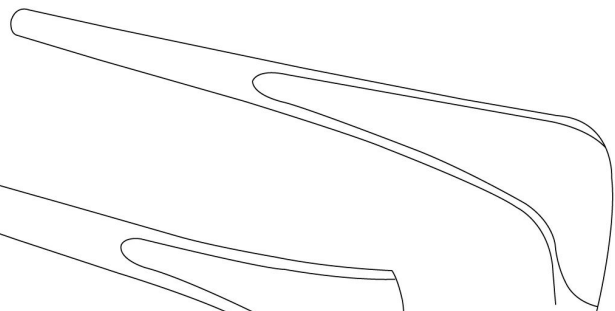


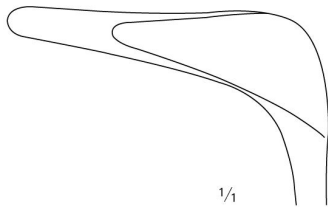
Fig. 3  
**V22-261-03**  
16 cm / 6 2/8"  
Blätter  
blades  
hojas  
lames  
lame  
75 mm

Fig. 4  
**V22-261-04**  
16 cm / 6 2/8"  
Blätter  
blades  
hojas  
lames  
lame  
85 mm



**Nasal Specula**

Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali

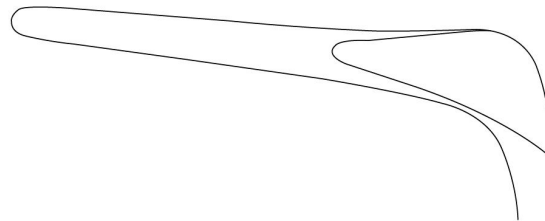


1/1

**V 22-262-45**

14 cm / 5 4/8"

Blätter  
blades  
hojas  
lames  
lame  
45 mm



**V 22-262-75**

15,5 cm / 6 1/8"

Blätter  
blades  
hojas  
lames  
lame  
75 mm



1/2

**Cottle**

**V 22-262-45**

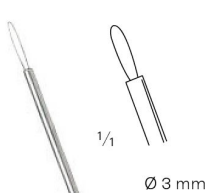
**V 22-262-75**

schwarz  
black  
negro  
noir  
nero



## Polypus Snares

Polypenschnürer  
Polipótomos  
Serre-nœuds pour polypes  
Serranodi per polipi



1/4  
Ø 3 mm



1/4  
Ø 3 mm



1/2



1/2

### Krause

**V22-263-26**

26 cm / 10 3/8"

Schaft  
shaft  
vástago  
tige  
asta

### Krause-Voss

**V22-264-26**

26 cm / 10 3/8"

Schaft  
shaft  
vástago  
tige  
asta



1/2

St

**V22-265-30**

Ø 0,3 mm

**V22-265-40**

Ø 0,4 mm

**V22-265-30**

**V22-265-40**

Schnürdraht  
Snare Wire  
Asa de alambre  
Anse en fil d'acier  
Filo per allacciare

Rolle mit 10 m  
coil of 10 m  
rollo de 10 m  
en rouleaux de 10 m  
rotolo di 10 m



1/2

St

**V22-266-10**

10,5 cm / 4"

Schnürdraht  
Snare Wire  
Asas de alambre  
Anses en fil d'acier  
Filo per allacciare  
0,3 mm Ø

Bündel mit 12 Stück  
bundle with 12 pieces  
12 piezas atados  
paquet de 12 pièces  
confezione di 12 pezzi



**no one does it BETTER**



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