

A



AS 100-03
Fig 3
12,5 cm / 5"

für Skalpelli # 10 – # 17
for scalpel blades # 10 – # 17
para hojas de bisturí # 10 – # 17



AS 100-04
Fig 4
13,5 cm / 5¼"

für Skalpelli # 18 – # 36
for scalpel blades # 18 – # 36
para hojas de bisturí # 18 – # 36



AS 100-07
Fig 7
16 cm / 6¼"

für Skalpelli # 10 – # 17
for scalpel blades # 10 – # 17
para hojas de bisturí # 10 – # 17



AS 102-03
14,5 cm / 5¾"



AS 105-07
Fig 7



AS 110-03
Fig 3L
21 cm / 8 1/4"

für Skalpellsklingen # 10 – # 17
for scalpel blades # 10 – # 17
para hojas de bisturi # 10 – # 17



AS 110-04
Fig 4L
21 cm / 8 1/4"

für Skalpellsklingen # 18 – # 36
for scalpel blades # 18 – # 36
para hojas de bisturi # 18 – # 36



AS 110-13
Fig 3XL
21 cm / 8 1/4"

für Skalpellsklingen # 18 – # 36
for scalpel blades # 18 – # 36
para hojas de bisturi # 18 – # 36



für Skalpellsklingen # 10 – # 17
for scalpel blades # 10 – # 17
para hojas de bisturi # 10 – # 17

für Skalpellsklingen # 18 – # 36
for scalpel blades # 18 – # 36
para hojas de bisturi # 18 – # 36

abgewinkelt
angled
angulada

AS 111-03
Fig 3L
21 cm / 8 1/4"

AS 111-04
Fig 4L
21 cm / 8 1/4"



AS 111-24
24 cm / 9 1/2"

A



AS 113-24
24 cm / 9½"



LANDOLT

AS 114-25
25 cm / 10"



AS 115-03
Fig 3
12,5 cm / 5"

für Skalpellklingen # 10–# 17
for scalpel blades # 10–# 17
para hojas de bisturi # 10–# 17



AS 117-07
Fig 7L



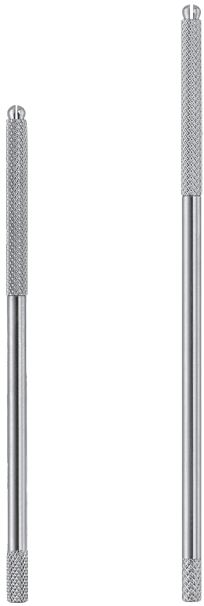
AS 120-08
Fig 8

mit massivem Griff
with solid handle
mango masivo



AS 122-09
Fig 9

mit Hohlheft
with hollow handle
con mango hueco



AS 130-01 **AS 130-02**
13 cm / 5" 15,5 cm / 6"

für Mikroklingen
for micro blades
para micro hojas



AS 130-62 **AS 130-64** **AS 130-65** **AS 130-67** **AS 130-69**
Fig 62 Fig 64 Fig 65 Fig 67 Fig 69

Mikroklingen
micro blades
micro hojas



AS 155-10 Fig 10	AS 155-11 Fig 11	AS 155-12 Fig 12	AS 155-13 Fig 13	AS 155-14 Fig 14	AS 155-15 Fig 15
AS 155-16 Fig 16	AS 155-17 Fig 17	AS 155-18 Fig 18	AS 155-19 Fig 19	AS 155-20 Fig 20	AS 155-21 Fig 21
AS 155-22 Fig 22	AS 155-23 Fig 23	AS 155-24 Fig 24	AS 155-25 Fig 25	AS 155-34 Fig 34	AS 155-36 Fig 36

100 Stück
100 pieces
100 piezas

A



AS 230-00

RAZOR



AS 240-02

Operationsmesser
operating knives
cuchillo de operación



AS 250-01

Fig 1

AS 250-02

Fig 2

AS 250-03

Fig 3

AS 250-04

Fig 4

AS 250-05

Fig 5

AS 250-06

Fig 6

AS 250-07

Fig 7

AS 250-08

Fig 8

AS 250-09

Fig 9

AS 250-10

Fig 10

mit Metallheft
with metal handle
con mango metálico



16 cm / 6¼"
20 cm / 8"
24 cm / 9½"

AS 280-16
AS 280-20
AS 280-24

VIRCHOW
mit Hohlheft
with hollow handle
con mango hueco



AS 310-09
9 cm / 3½"

VIRCHOW
mit Metallheft
with metal handle
con mango metálico



AS 320-20
20 cm / 8"

mit Metallheft
with metal handle
con mango metálico



AS 410-10
10 cm / 4"

mit Metallheft
with metal handle
con mango metálico



AS 430-55
5,5 cm / 2¼"

Knorpelmesser mit Metallheft
Cartilage Knife with metal handle
Cuchillo para cartílago con mango metálico

A



Ø 3 mm
Ø 4 mm
Ø 5 mm

16,5 cm / 6½"	21 cm / 8¼"
AT 102-16	AT 101-12 AT 101-15

ADSON



AT 107-04
20 cm / 8"
Ø 4 mm



Ø 1,5 mm **AT 111-04**
Ø 2,0 mm **AT 111-06**
Ø 2,7 mm **AT 111-08**
Ø 3,3 mm **AT 111-10**

PLESTER

19,5 cm / 7¾"



Ø 1,5 mm **AT 115-15**
Ø 1,7 mm **AT 115-17**
Ø 2,0 mm **AT 115-20**
Ø 2,3 mm **AT 115-23**

BARNES

16 cm / 6¼"



gerade
straight
recta

- Ø 2,0 mm
- Ø 2,3 mm
- Ø 2,7 mm
- Ø 3,0 mm
- Ø 3,3 mm
- Ø 3,7 mm
- Ø 4,0 mm
- Ø 5,0 mm

AT 120-08

AT 120-10

AT 120-12

- AT 121-06**
- AT 121-07**
- AT 121-08**
- AT 121-09**
- AT 121-10**
- AT 121-11**
- AT 121-12**
- AT 121-15**

FRAZIER

19 cm / 7½"

Arbeitslänge 12,5 cm

Working length 12,5 cm

Longitud útil 12,5 cm

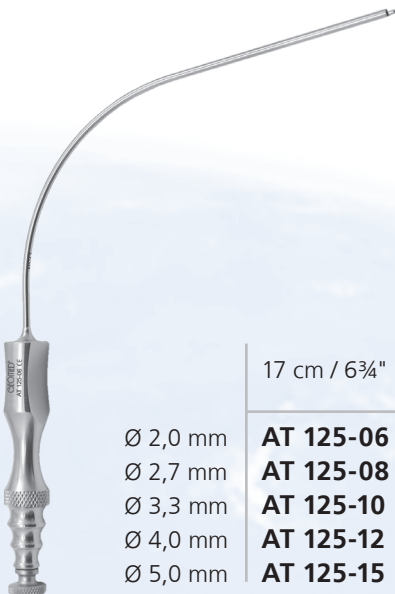


AT 123-18

Ø 6 mm

NASAL

18 cm / 7"



17 cm / 6¾"

20 cm / 8"

Ersatzdorn
spare pin
repuesto pines

- Ø 2,0 mm
- Ø 2,7 mm
- Ø 3,3 mm
- Ø 4,0 mm
- Ø 5,0 mm

AT 125-06

AT 125-08

AT 125-10

AT 125-12

AT 125-15

AT 127-12

AT 125-08-10

AT 125-10-10

AT 125-12-10

AT 125-15-10

FERGUSSON

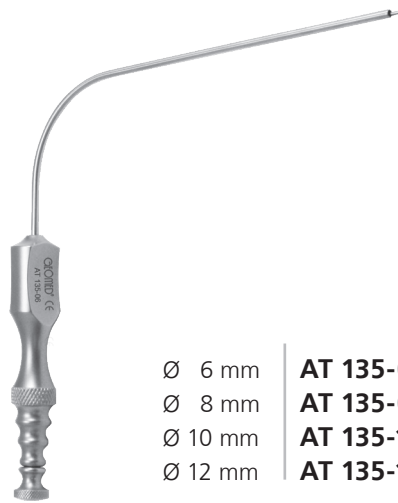


- Ø 1 mm | **AT 130-01**
- Ø 2 mm | **AT 130-02**
- Ø 3 mm | **AT 130-03**

FRAZIER

12 cm / 4¾"

Ventrikelkanüle, gerade
Ventricular cannula, straight
Canula ventricular, recta



- Ø 6 mm | **AT 135-06**
- Ø 8 mm | **AT 135-08**
- Ø 10 mm | **AT 135-10**
- Ø 12 mm | **AT 135-12**

POP PEN

13 cm / 5"



- Ø 2 mm | **AT 137-02**
- Ø 3 mm | **AT 137-03**

LEMPERT

20 cm / 8"



- Ø 1,5 mm | **AT 140-15**
- Ø 2,0 mm | **AT 140-20**
- Ø 2,5 mm | **AT 140-25**
- Ø 3,0 mm | **AT 140-35**

YASARGIL

21,5 cm / 8½"



NUBOER

AT 151-06
rund
round
círculo

AT 153-06
ovale
oval
óvalo



BELLUCCI
13 cm / 5"

AT 159-16
komplett
complete
completo

bestehend aus :
including :
compuesto de :

Ø 0,5 mm	AT 159-05
Ø 0,7 mm	AT 159-07
Ø 1,0 mm	AT 159-10



BARON

Ø 1,0 mm
Ø 1,7 mm
Ø 2,3 mm

14,5 cm / 5¾"	17 cm / 6¾"
AT 161-03	AT 163-03
AT 161-05	AT 163-05
AT 161-07	AT 163-07



HOUSE

	14,5 cm / 5¾"	17 cm / 6¾"
Ø 1,0 mm	AT 165-03	AT 167-03
Ø 1,7 mm	AT 165-05	AT 167-05
Ø 2,3 mm	AT 165-07	AT 167-07
Ø 3,3 mm	AT 165-10	AT 167-10
Ø 4,0 mm	AT 165-12	AT 167-12
Ø 4,7 mm	AT 165-14	AT 167-14



AT 169-01
AT 169-02

VAN ALYEA
Ø 1,8 mm
11,4 cm / 4½"



22 cm / 8¾"
23 cm / 9" | **AT 170-10**
AT 170-11

POOLE
Ø 10 mm



20 cm / 8" ; Ø 5,5 mm
22 cm / 8¾" ; Ø 8,0 mm

AT 171-05
AT 171-08

POOLE



AT 180-00
Ø 9 mm

DEBAKEY
28 cm / 11"



YANKAUER

komplett **AT 200-00** **AT 205-00**
complete 27 cm / 10½" 20 cm / 8"
completo

bestehend aus :
including :
compuesto de :

AT 201-01

Saugkopf, abschraubbar
Suction head, detachable
Punta aspiradora, destornillable

AT 201-02

Olive
oliva
oliva

AT 201-03

Saugrohr mit Griff
Tube with handle
Tubo con mango

AT 201-05

Ø 4,8 mm
Saugrohr mit zentraler Bohrung
Suction tube with central bore
Tubo de aspiración con toladro central

A



AT 251-36
Ø 8 mm

COOLEY
36 cm / 14¼"



AT 261-30
Ø 9 mm

COOLEY
30 cm / 12"



AT 271-30
Ø 8 mm

COOLEY
30 cm / 12"



AT 281-32
Ø 8 mm

COOLEY
32 cm / 12½"



Ø 1,5 mm | **AT 321-15**
Ø 2,5 mm | **AT 321-25**
Ø 3,5 mm | **AT 321-35**

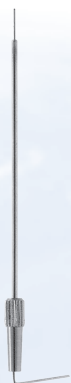
BYRD



AT 360-00
14 cm / 5½"
komplett mit 3 Aufsätzen
complete with 3 tips
completo con 3 puntas

AT 361-01
Griff
handle
mango

WULLSTEIN



Ø 0,5 mm | **AT 361-05**
Ø 0,7 mm | **AT 361-07**
Ø 0,9 mm | **AT 361-09**

4,5 cm / 1¾"
Mikroaugkanüle
Micro Suction Cannula
Micro tubo de aspiración

A



AT 365-06
Ø 0,6 mm

ZOELLNER
18 cm / 7½"



Ø 3,0 mm | **AT 380-01**
Ø 3,5 mm | **AT 380-02**
Ø 4,0 mm | **AT 380-03**

MAGILL
24 cm / 9½"



AT 611-05
Ø 5 mm

BUIE
40 cm / 16"



AU 090-03

Satz mit 3 Trokaraufsätzen
Set of 3 trocar tips
Juego de 3 trocar puntas

bestehend aus :
including :
compuesto de :

- Ø 1,7 mm
- Ø 3,0 mm
- Ø 4,5 mm

UNIVERSAL

12 cm / 4¾"



NELSON

21 cm / 8¼"



- Ø 7,5 mm | **AU 100-07**
- Ø 9,5 mm | **AU 100-09**
- Ø 11 mm | **AU 100-11**



OCHSNER




14 cm / 5½"

- Ø 3,5 mm | **AU 150-03**
- Ø 4,5 mm | **AU 150-04**
- Ø 5,5 mm | **AU 150-05**
- Ø 6,5 mm | **AU 150-06**
- Ø 7,5 mm | **AU 150-07**
- Ø 8,5 mm | **AU 150-08**
- Ø 9,5 mm | **AU 150-09**

A



Ø 3 mm
Ø 4 mm
Ø 5 mm
Ø 6 mm

		
18 cm / 7"	20,5 cm / 8" mit Hahn with stopcock con llave	20,5 cm / 8" mit Hahn and Auslauf with stopcock and connecting olive con llave y oliva de conexión
AU 110-03 AU 110-04 AU 110-05 AU 110-06	AU 120-03 AU 120-04 AU 120-05 AU 120-06	AU 130-03 AU 130-04 AU 130-05 AU 130-06

STANDARD



AU 160-05
Ø 5,5 mm

DUKE
11 cm / 4¼"



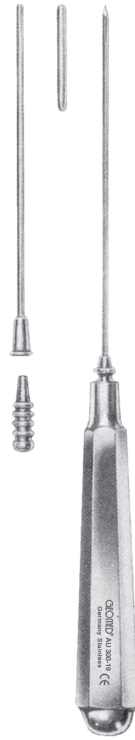
AU 201-05
für Blase
for bladder
para la vejiga

FLEURANT



AU 281-04
Ø 4 mm

PIERCE
16 cm / 6¼"



AU 270-02
11 cm / 4¼"
Ø 1,75 mm

LICHTWITZ

AU 300-19
19,5 cm / 7¾"
Ø 1,8 mm



AU 311-16
Ø 2,25 mm

COAKLEY
16 cm / 6¼"

A



REDON

- 8 mm
- 10 mm
- 12 mm
- 14 mm
- 16 mm
- 18 mm



- AU 500-08**
- AU 500-10**
- AU 500-12**
- AU 500-14**
- AU 500-16**
- AU 500-18**

- AU 511-08**
- AU 511-10**
- AU 511-12**
- AU 511-14**
- AU 511-16**
- AU 511-18**



REDON

- 8 mm
- 10 mm
- 12 mm
- 14 mm
- 16 mm
- 18 mm

- AU 520-08**
- AU 520-10**
- AU 520-12**
- AU 520-14**
- AU 520-16**
- AU 520-18**



IOWA

AU 580-00

komplett
complete
completo

bestehend aus :
including :
compuesto de :

AU 581-01

14 cm / 5½"
Trompete
trumpet
trompeta

AU 582-02

16 cm / 6¼"
Kanüle Ø 1 mm
needle Ø 1 mm
aguja Ø 1 mm



- 1,2 x 80 mm
- 1,5 x 80 mm

- AU 590-12**
- AU 590-15**

Venenkanülen
Vein Cannulas
Cánulas para venas



AU 630-20
2,5 x 150 mm

VERRES

Insufflationskanüle
Insufflation Cannula
Cánula para insuflación



1,2 x 35 mm | **AU 700-12**
1,8 x 35 mm | **AU 700-18**

KLIMA-ROSEGGER

Sternalpunktion
Sternal puncture
Punción del esternón



AU 770-06

MOCK

6,5 cm / 2½"
Heparinnadel
Heparin Flushing Needle
Aguja para heparin

A



- | | |
|--------|------------------|
| 0,5 mm | AW 070-05 |
| 1,0 mm | AW 070-10 |
| 1,5 mm | AW 070-15 |
| 1,8 mm | AW 070-18 |
| 2,0 mm | AW 070-20 |
| 2,5 mm | AW 070-25 |
| 3,0 mm | AW 070-30 |
| 3,5 mm | AW 070-35 |
| 4,0 mm | AW 070-40 |
| 4,5 mm | AW 070-45 |

MEYHOEFER

Chalazionlöffel
Chalazion curette
Cucharillas para chalazion



- | | |
|-----|------------------|
| # 1 | AW 080-01 |
| # 2 | AW 080-02 |
| # 3 | AW 080-03 |

WILDER

11 cm / 4¼"
Tränenkanaldilatator
Lachrymal Dilatator
Dilatadores para canal lacrimal



- | | |
|----------|------------------|
| Ø 0,6 mm | AU 791-06 |
| Ø 0,7 mm | AU 791-07 |
| Ø 0,9 mm | AU 791-09 |
| Ø 1,2 mm | AU 791-12 |
| Ø 1,5 mm | AU 791-15 |

ROSEN

mit Luer Lock Ansatz
with Luer Lock connection
con conexión Luer Lock



AW 082-14

CASTROVIEJO

14 cm / 5½"
doppelendig
double-ended
dos extremos



	Ø 1,0 mm	Ø 1,5 mm	Ø 2,0 mm	biegsam malleable maleable Ø 2,0 mm	mit Ohr with eye con ojo Ø 2,0 mm
11,5 cm / 4½"	AW 090-11	AW 100-11	AW 110-11		AW 120-13
13 cm / 5"	AW 090-13	AW 100-13	AW 110-13		AW 120-14
14,5 cm / 5¾"	AW 090-14	AW 100-14	AW 110-14		AW 120-16
16 cm / 6¼"	AW 090-16	AW 100-16	AW 110-16		AW 120-18
18 cm / 7"	AW 090-18	AW 100-18	AW 110-18		AW 120-20
20 cm / 8"	AW 090-20	AW 100-20	AW 110-20		AW 120-25
25 cm / 10"		AW 100-25	AW 110-25	AW 112-25	
30 cm / 12"			AW 110-30	AW 112-30	

Knopfsonden
Button-end probes
Estiletos abotonados



11,5 cm / 4½" **AW 150-11**
13 cm / 5" **AW 150-13**
14,5 cm / 5¾" **AW 150-14**
16 cm / 6¼" **AW 150-16**
18 cm / 7" **AW 150-18**
20 cm / 8" **AW 150-20**

Hohlsonden
Grooved directors
Estiletos acanalados



AW 161-14
14 cm / 5½"

DOYEN
Hohlsonden, gebogen
Grooved directors, curved
Estiletos acanalados, curva



AW 171-16
16 cm / 6¼"

NELATON

Hohlsonden, gebogen
Grooved directors, curved
Estiletes acanalados, curva



13 cm / 5" **AW 180-13**
14,5 cm / 5¾" **AW 180-14**
16 cm / 6¼" **AW 180-16**

Geknöpft Hohlsonden
Grooved button-end directors
Estiletes acanalados y abotonados



14 cm / 5½" **AW 200-14**
18 cm / 7" **AW 200-18**

FISH

Ø 2 mm
Knopfsonden
Button-end probes
Estiletes abotonados



AW 220-10
10,5 cm / 4¼"

STACKE



13 cm / 5"
14,5 cm / 5¾"
16 cm / 6¼"
20 cm / 8"

AW 230-13
AW 230-14
AW 230-16
AW 230-20

Geknöpftes Myrtenblattsonde
Button-end myrtle leaf probe
Estiletos abotonados hoja de mirto



AW 240-01
1



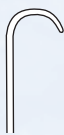
AW 240-02
2



AW 240-03
3



AW 240-04
4



AW 244-24

24 cm / 9½"
Fistel-sonde
Fistula Probe
Sonda para fistula

LOCKHART-MUMMERY

16,5 cm / 6½"
Fistel-sonde
Fistula Probe
Sonda para fistula

A



- | | |
|---------------|---------------------|
| 14,5 cm / 5¾" | AW 250-14-09 |
| 16 cm / 6¼" | AW 250-16-09 |
| 18 cm / 7" | AW 250-18-09 |
| 20 cm / 8" | AW 250-20-09 |
| 25 cm / 10" | AW 250-25-09 |

2 mm
Sonde silber
Probe silver
Estiletes de plata



- | | | |
|------------|-----------|------------------|
| 0,4+0,6 mm | #0000/000 | AW 270-00 |
| 0,7+0,8 mm | #00/0 | AW 270-01 |
| 0,9+1,1 mm | #1/2 | AW 270-02 |
| 1,3+1,4 mm | #3/4 | AW 270-03 |
| 1,5+1,6 mm | #5/6 | AW 270-04 |
| 1,8+1,9 mm | #7/8 | AW 270-05 |

BOWMAN
13 cm / 5"



FARRELL

rund, gerieft
round, serrated
ronda, estriada

Ø 0,9 mm 12 cm / 4¾"
Ø 0,9 mm 14 cm / 5½"
Ø 1,1 mm 16 cm / 6¼"
Ø 1,2 mm 18 cm / 7"



AW 300-12
AW 300-14
AW 300-16
AW 300-18

Dreikant, gerieft
Triangular, serrated
Triangular, estriada

Ø 0,9 mm 12 cm / 4¾"
Ø 0,9 mm 14 cm / 5½"
Ø 1,1 mm 16 cm / 6¼"
Ø 1,2 mm 18 cm / 7"



AW 310-12
AW 310-14
AW 310-16
AW 310-18

Dreikant, glatt
Triangular, smooth
Triangular, lisa

Ø 1,5 mm 12 cm / 4¾"
Ø 1,5 mm 14 cm / 5½"
Ø 1,5 mm 16 cm / 6¼"
Ø 1,5 mm 18 cm / 7"



AW 320-12
AW 320-14
AW 320-16
AW 320-18



12 cm / 4¾"
18 cm / 7"



AW 330-12
AW 330-18

JOBSON-HORNE

A



AX 004-01
scharf
sharp
agudo

KILNER
15 cm / 6"



**AX 006-01
AX 006-02
AX 006-03**

KLEINERT-KUTZ
16 cm / 6¼"



AX 014-01
klein
small
pequeño



AX 014-02
groß
large
grande

GILLIES
18 cm / 7"



1 **AX 024-01**
2 **AX 024-02**
3 **AX 024-03**
4 **AX 024-04**
5 **AX 024-05**

EMMET
22 cm / 8¾"
Fistelhäkchen
Fistula Hooks
Ganchos para fistula



- | | |
|-----|------------------|
| # 1 | AX 034-01 |
| # 2 | AX 034-02 |
| # 3 | AX 034-03 |
| # 4 | AX 034-04 |

16 cm / 6¼"
scharf
sharp
agudo



- | |
|------------------|
| AX 040-16 |
| stumpf |
| blunt |
| romo |

GRAEFE
16 cm / 6¼"

- | |
|------------------|
| AX 044-16 |
| scharf |
| sharp |
| agudo |



- | | |
|-----|------------------|
| # 1 | AX 047-01 |
| # 2 | AX 047-02 |
| # 3 | AX 047-03 |

GRAEFE-STRABISMUS
13 cm / 5"



- | |
|------------------|
| AX 048-01 |
| 13,5 cm / 5¼" |




- | |
|------------------|
| AX 049-01 |
|------------------|

STEVENS
12 cm / 4¾"

A



2 prongs
4 prongs

stumpf blunt romo	scharf sharp agudo
	
AX 050-04	AX 054-02 AX 054-04

ROLLET
13 cm / 5"





AX 060-01
AX 060-02
AX 060-03

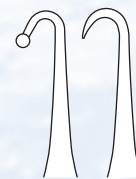
MANNERFELT
klein gebogen
small curved
pequeño curva



13,5 cm / 5¼"
15,5 cm / 6"

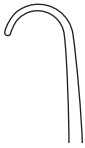
1 prongs	2 prongs
	
AX 064-13 AX 064-15	AX 062-02

MANNERFELT
scharf
sharp
agudo



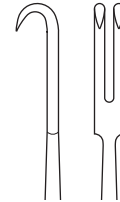
AX 066-16

MANNERFELT
16 cm / 6¼"



AX 070-01 | **AX 074-01**
AX 070-02 | **AX 074-02**
AX 070-03 | **AX 074-03**

MANNERFELT
groß gebogen
large curved
grande curva



2 mm | **AX 080-02**
5 mm | **AX 080-05**
7 mm | **AX 080-07**
10 mm | **AX 080-10**



JOSEPH
16 cm / 6¼"
2 prongs



AX 094-01 | **AX 094-02**
klein | groß
small | large
pequeño | grande

GUTHRIE
16 cm / 6¼"
scharf
sharp
agudo



	stumpf blunt romo	scharf sharp agudo
		
1 prong	AX 100-01	AX 104-01
2 prongs	AX 100-02	AX 104-02
3 prongs	AX 100-03	AX 104-03
4 prongs	AX 100-04	AX 104-04

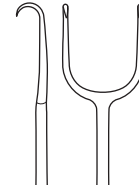
16 cm / 6¼"
feines Modell
fine pattern
modelo delgado

A



	stumpf blunt romo	scharf sharp agudo
1 prong	AX 110-01	AX 114-01
2 prongs	AX 110-02	AX 114-02
3 prongs	AX 110-03	AX 114-03
4 prongs	AX 110-04	AX 114-04

STANDARD
16 cm / 6¼"



AX 116-15
scharf
sharp
agudo

MC INDOE
15 cm / 6"



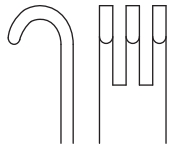
	stumpf blunt romo	scharf sharp agudo
2 prongs	AX 130-02	AX 134-02
3 prongs	AX 130-03	AX 134-03
4 prongs	AX 130-04	AX 134-04

16 cm / 6¼"
flexibel
flexible
flexible

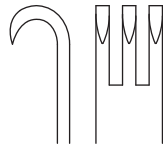


AX 144-15

BARSKY
15 cm / 6"



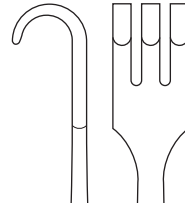
AX 150-03
stumpf
blunt
romo



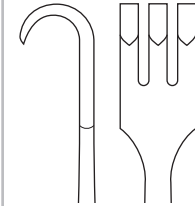
AX 154-03
scharf
sharp
agudo

SENN-MILLER

16 cm / 6¼"
20 x 6 mm



AX 156-03
stumpf
blunt
romo



AX 158-03
scharf
sharp
agudo

MATHIEU

16 cm / 6¼"



10 x 6 mm
20 x 6 mm



AX 160-10
AX 160-20

SENN-GREEN

15 cm / 6"



10 x 6 mm
17 x 5 mm
20 x 6 mm
22 x 8 mm



AX 170-10
AX 170-17
AX 170-20
AX 170-22

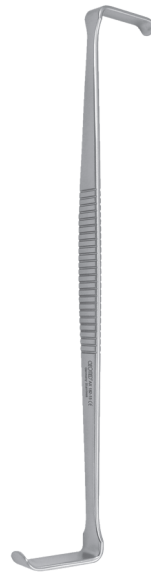
MINI-LANGENBECK

16 cm / 6¼"



AX 180-14
10 x 4 mm / 17 x 6 mm

RAGNELL-DAVIS
14 cm / 5½"



AX 182-15
doppelendig
double-ended
dos extremos

HOUSE
15 cm / 6"



AX 185-11
12 x 4 mm / 20 x 6 mm
doppelendig
double-ended
dos extremos

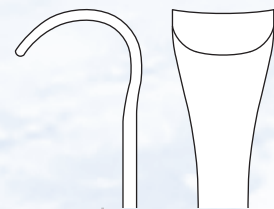
CRILE
11 cm / 4½"



13 cm / 5"
19 cm / 7½"

AX 187-13
AX 189-19

ROSE
doppelendig
double-ended
dos extremos





AX 190-19
glatt
smooth
lisa

AX 194-19
gerieft
serrated
dentado

STRANDELL-STILLE

19 cm / 7½"
15 x 6 mm



- 8 mm
- 10 mm
- 12 mm
- 14 mm
- 16 mm
- 18 mm

AX 200-08
AX 200-10
AX 200-12
AX 200-14
AX 200-16
AX 200-18

DESMARRES

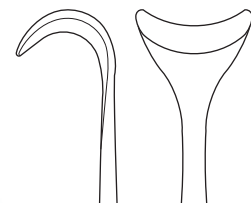
14 cm / 5½"



AX 202-15

SCHEPENS

15 cm / 6"
Lippenhalter
Lip retractor
Separador labios



- 13 x 13 mm
- 12 x 16 mm

AX 220-01
AX 220-02

KOENIG

18 cm / 7"

A



- 3 mm **AX 223-03**
- 5 mm **AX 223-05**
- 7 mm **AX 223-07**

HESS

17,5 cm / 7"

Nervwurzelhaken

Nerve Root Retractors

Separadores para raíz de nervios





- 20 x 12 mm **AX 230-01**
- 20 x 15 mm **AX 230-02**

KOCHER

20,5 cm / 8"



- | | | |
|-------|---|---|
| | 20 cm / 8" | 24 cm / 9½" |
| |  |  |
| 8 mm | AX 240-08 | AX 250-08 |
| 10 mm | AX 240-10 | AX 250-10 |
| 12 mm | AX 240-12 | AX 250-12 |
| 14 mm | AX 240-14 | AX 250-14 |
| 16 mm | AX 240-16 | AX 250-16 |
| 18 mm | AX 240-18 | AX 250-18 |

CUSHING



- 5 mm **AX 248-05**
- 7 mm **AX 248-07**
- 10 mm **AX 248-10**

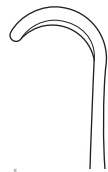
BLANCO

28 cm / 11"





11 x 14 mm
13 x 18 mm
15 x 22 mm



AX 256-14
AX 256-18
AX 256-22

CUSHING
25 cm / 10"



AX 260-17
10 x 10 mm

CUSHING
17,5 cm / 7"



8 mm
11 mm
15 mm
17 mm
20 mm
23 mm



AX 262-08
AX 262-11
AX 262-15
AX 262-17
AX 262-20
AX 262-23

GIL-VERNET
24 cm / 9½"



AX 270-20
28 x 7 mm

LAHEY
20 cm / 8"

A



1 teeth
2 teeth
3 teeth

AX 274-01
AX 274-02
AX 274-03

LAHEY
12 cm / 4¾"
scharf
sharp
agudo



MEYERDING
18 cm / 7"



AX 280-07
7 x 4 mm



AX 280-10
7 x 4 mm



AX 280-18
18 x 7 mm



AX 282-07
10 x 3 mm



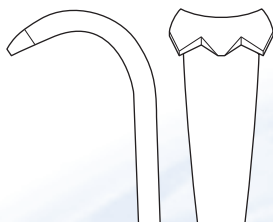
AX 282-16
16 x 5 mm



AX 284-03
10 x 4 mm



OLDBERG
21 cm / 8¼"



3 teeth, 13 mm
4 teeth, 15 mm
smooth, 19 mm

AX 288-13
AX 288-15
AX 288-19




SCHOENBORN
20 cm / 8"



AX 291-20
13 x 6 mm



- 1 prong
- 2 prongs
- 3 prongs
- 4 prongs
- 6 prongs

	stumpf blunt romo	scharf sharp agudo
	AX 300-01	AX 304-01
	AX 300-02	AX 304-02
	AX 300-03	AX 304-03
	AX 300-04	AX 304-04
	AX 300-06	AX 304-06

VOLKMANN
21,5 cm / 8½"



- 1 prong
- 2 prongs
- 3 prongs
- 4 prongs
- 6 prongs
- 8 prongs

	stumpf blunt romo	halbscharf semi-sharp semi-agudo	scharf sharp agudo
	AX 320-01	AX 322-01	AX 324-01
	AX 320-02	AX 322-02	AX 324-02
	AX 320-03	AX 322-03	AX 324-03
	AX 320-04	AX 322-04	AX 324-04
	AX 320-06	AX 322-06	AX 324-06
	AX 320-08		AX 324-08

VOLKMANN
21,5 cm / 8½"

A



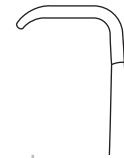
3 prongs **AX 330-03**
4 prongs **AX 330-04**

OLLIER

22,5 cm / 8¾"



2 hooks **AX 340-02**
3 hooks **AX 340-03**



TENDON

17,5 cm / 7"

Sehnenscheidenhaken

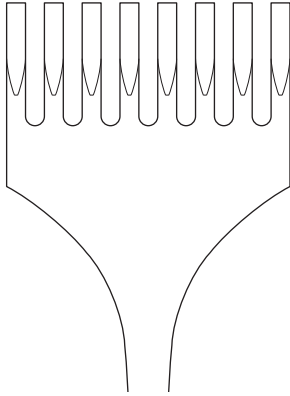
Tendon sheath hook

gancho para vaina tendinosa



16 mm, 19 cm / 7½" **AX 370-16**
20 mm, 19 cm / 7½" **AX 370-20**
25 mm, 20 cm / 8" **AX 370-25**

CANNY-RYALL



AX 385-08
halbscharf
semi-sharp
semi-agudo

KÖRTE-WAGNER
28 cm / 11"



4 prongs, 40 x 40 mm
5 prongs, 45 x 50 mm
6 prongs, 50 x 60 mm
6 prongs, 70 x 70 mm

AX 390-04
AX 390-05
AX 390-06
AX 390-07

ISRAEL
25 cm / 10"
stumpf
blunt
romo



stumpf blunt romo	scharf sharp agudo

2 prongs
3 prongs
4 prongs
6 prongs

AX 400-02
AX 400-03
AX 400-04
AX 400-06

AX 404-02
AX 404-03
AX 404-04
AX 404-06

MURPHY
19 cm / 7½"

A



- 40 x 18 mm **AX 410-18**
- 60 x 20 mm **AX 410-20**
- 60 x 25 mm **AX 410-25**
- 75 x 30 mm **AX 410-30**
- 75 x 40 mm **AX 410-40**

KOCHER
23 cm / 9"



- 25 x 6 mm **AX 420-01**
- 35 x 8 mm **AX 420-02**
- 35 x 11 mm **AX 420-03**
- 35 x 15 mm **AX 420-04**
- 40 x 11 mm **AX 420-05**
- 55 x 11 mm **AX 420-06**
- 70 x 14 mm **AX 420-07**
- 80 x 12 mm **AX 420-08**
- 80 x 16 mm **AX 420-09**
- 60 x 18 mm **AX 420-10**
- 85 x 25 mm **AX 420-11**

KOCHER-LANGENBECK
21 cm / 8¼"



- 40 x 12 mm **AX 425-05**
- 55 x 14 mm **AX 425-06**

DOCKHORN
21 cm / 8¼"



- 30 x 11 mm **AX 430-01**
- 30 x 14 mm **AX 430-02**
- 30 x 16 mm **AX 430-03**
- 40 x 11 mm **AX 430-04**
- 50 x 11 mm **AX 430-05**
- 30 x 10 mm **AX 435-01**

LANGENBECK
22,5 cm / 8¾"



AX 438-15
15 x 6 mm

LANGENBECK-MANNERFELT
16 cm / 6¼"



AX 440-20

LITTLE
20 cm / 8"
mit Hohlheft
with holloe handle
con mango hueco

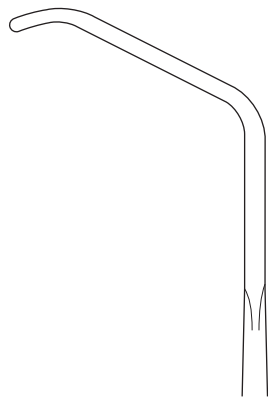
A



23,5 cm / 9¼" ; 35 x 8 mm
26 cm / 10¼" ; 60 x 12 mm
27,5 cm / 11" ; 75 x 12 mm
30 cm / 12" ; 100 x 25 mm

AX 441-35
AX 441-60
AX 441-75
AX 441-99

ZENKER



90 x 28 mm **AX 445-01**
105 x 30 mm **AX 445-02**
120 x 52 mm **AX 445-03**

DOYEN-STILLE
25 cm / 10"



30 x 11 mm **AX 450-01**
30 x 14 mm **AX 450-02**
30 x 16 mm **AX 450-03**
40 x 11 mm **AX 450-04**
50 x 11 mm **AX 450-05**

LANGENBECK
22,5 cm / 8¾"



AX 452-01
63 x 20 mm

LANGENBECK
21 cm / 8¼"



AX 452-02
85 x 15 mm

LANGENBECK
21 cm / 8¼"



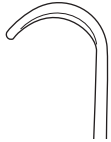
- 60 x 20 mm **AX 456-01**
- 80 x 30 mm **AX 456-02**
- 100 x 30 mm **AX 456-03**
- 120 x 30 mm **AX 456-04**
- 140 x 30 mm **AX 456-05**
- 140 x 40 mm **AX 456-06**

HOESEL
25 cm / 10"

A



gerade
straight
recta



AX 460-21
AX 461-01
21,5 cm / 8½"

CUSHING

gebogen
curved
curva

AX 461-20
20 cm / 8"



AX 470-22
55 x 20 mm

LANGENBECK
22 cm / 8¾"

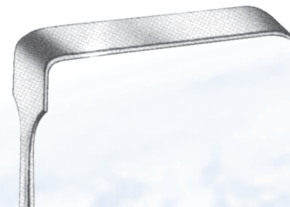


25 x 7 mm
31 x 10 mm
42 x 11 mm
55 x 12 mm
70 x 14 mm
80 x 16 mm

OBWEGESER
22 cm / 8¾"



AX 490-25
AX 490-30
AX 490-40
AX 490-55
AX 490-70
AX 490-80



AX 492-25
AX 492-30
AX 492-40
AX 492-55
AX 492-70
AX 492-80



AX 496-21
67 x 17 mm

CASPAR
21 cm / 8¼"



22 cm / 8¾" ; 19 x 12 mm **AX 500-01**
22 cm / 8¾" ; 21 x 14 mm **AX 500-02**
22 cm / 8¾" ; 40 x 10 mm **AX 500-03**
22 cm / 8¾" ; 40 x 15 mm **AX 500-04**
22 cm / 8¾" ; 40 x 20 mm **AX 500-05**

KOCHER



25 cm / 10" ; 70 x 25 mm **AX 502-25**
25 cm / 10" ; 80 x 45 mm **AX 502-45**
25 cm / 10" ; 80 x 55 mm **AX 502-55**
25 cm / 10" ; 80 x 65 mm **AX 502-65**

KOCHER



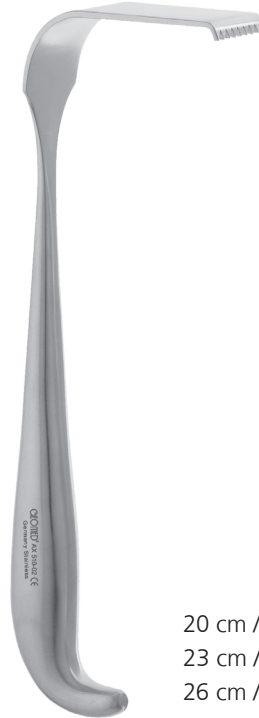
AX 504-01
50 x 10 mm

BOWDLER-HENRY
16 cm / 6¼"



AX 506-03
64 x 25 mm

KOCHER-WAGNER
28 cm / 11"



20 cm / 8" ; 50 x 16 mm
23 cm / 9" ; 75 x 25 mm
26 cm / 10¼" ; 90 x 50 mm

AX 510-01
AX 510-02
AX 510-03

MEYERDING



21,5 cm / 8½" ; 16 x 14 mm **AX 520-01**
22 cm / 8¾" ; 22 x 21 mm **AX 520-02**
23.5 cm / 9½" ; 30 x 30 mm **AX 520-03**

MIDDELDORPF



Fig 1; 16 x 15 mm **AX 530-01**
Fig 2; 23 x 13 mm **AX 530-02**
Fig 3; 25 x 18 mm **AX 530-03**
Fig 4; 29 x 13 mm **AX 530-04**
Fig 5; 29 x 29 mm **AX 530-05**
Fig 6; 21 x 35 mm **AX 530-06**

ROSS AORTA
flexibler Schaft
flexible shaft
vástago flexible



45 x 45 mm | **AX 550-01**
 45 x 50 mm | **AX 550-02**
 55 x 70 mm | **AX 550-03**

MIDDELDORPF
25,5 cm / 10"



82 x 22 mm | **AX 560-01**
 108 x 45 mm | **AX 560-02**
 115 x 65 mm | **AX 560-03**

CORYLLOS
24 cm / 9½"



AX 570-26
95 x 20 mm

TÜBINGER
26,5 cm / 10½"



24 cm / 9½" ; 35 x 40 mm | **AX 580-01**
 24 cm / 9½" ; 40 x 50 mm | **AX 580-02**
 24 cm / 9½" ; 45 x 60 mm | **AX 580-03**
 24 cm / 9½" ; 45 x 75 mm | **AX 580-04**
 25 cm / 10" ; 65 x 85 mm | **AX 580-05**

FRITSCH
24 cm / 9½"

A



115 x 22 mm | **AX 590-22**
115 x 27 mm | **AX 590-27**

SIMON
28 cm / 11"



AX 595-00
komplett
complete
completo

bestehend aus :
including :
compuesto de :

18 cm / 7" ; 13 x 45 mm
19 cm / 7½" ; 13 x 55 mm
19 cm / 7½" ; 16 x 70 mm
19 cm / 7½" ; 16 x 85 mm
19 cm / 7½" ; 19 x 100 mm
19 cm / 7½" ; 19 x 110 mm

AX 595-01
AX 595-02
AX 595-03
AX 595-04
AX 595-05
AX 595-06

SOFIELD
doppelendig
double-ended
dos extremos



AX 600-00
bestehend aus :
including :
compuesto de :

23 x 21 mm / 28 x 29 mm
26 x 26 mm / 31 x 37 mm
29 x 30 mm / 35 x 42 mm

ROUX
16,5 cm / 6½"



AX 601-01
8 x 6 mm

MINI-ROUX



AX 601-02
17 x 16 mm / 20 x 21 mm

BABY-ROUX
13 cm / 5¼"



14 cm / 5½" ; 25 x 29 mm
15 cm / 6" ; 30 x 38 mm
17 cm / 6¾" ; 33 x 49 mm

AX 602-01
AX 602-02
AX 602-03

ROUX-MAGNUS
S-förmig
S-shape
S-forma



AX 610-00
bestehend aus :
including :
compuesto de :

18 x 16 mm / 18 x 16 mm
22 x 16 mm / 22 x 16 mm

PARKER
14 cm / 5½"



AX 610-19

GOLET
19 cm / 7½"



AX 615-00

PARKER
18 cm / 7"



AX 617-00

PARKER-MOTT
16 cm / 6¼"



AX 620-00
bestehend aus :
including :
compuesto de :

28 x 16 mm / 17 x 14 mm
32 x 16 mm / 21 x 14 mm

COLLIN
15 cm / 6"



AX 625-00

MAYO-COLLIN
15 cm / 6"



AX 630-00

bestehend aus :
including :
compuesto de :

24 x 15 mm / 37 x 15 mm
29 x 15 mm / 42 x 15 mm

PARKER-LAGENBECK

21 cm / 8¼"



AX 642-00

bestehend aus :
including :
compuesto de :

42 x 13 mm / 42 x 26 mm
47 x 13 mm / 46 x 26 mm

MATHIEU

20 cm / 8"



14 cm / 5½"; 38 x 28 mm / 32 x 21 mm
16 cm / 6¼"; 52 x 34 mm / 36 x 27 mm

AX 640-01

AX 640-02

COLLIN-HARTMANN



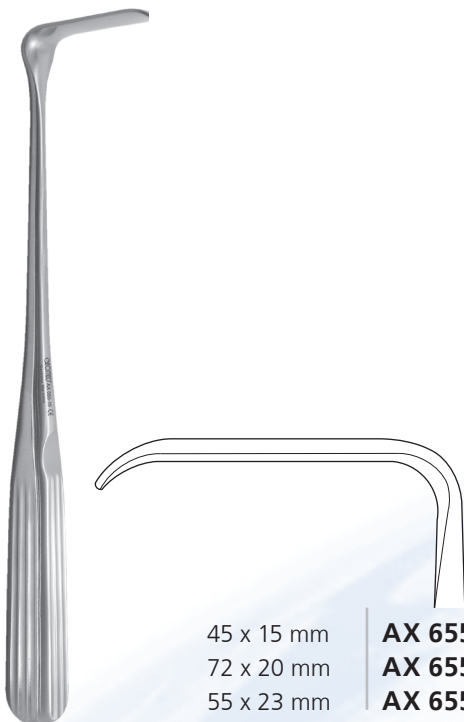
AX 644-17
38 x 22 mm / 38 x 22 mm

CZERNY
17,5 cm / 6¾"



45 x 25 mm **AX 646-01**
73 x 28 mm **AX 646-02**
82 x 28 mm **AX 646-03**

HEANEY
27 cm / 10¾"



45 x 15 mm **AX 655-15**
72 x 20 mm **AX 655-20**
55 x 23 mm **AX 655-23**

SAUERBRUCH
23 cm / 9"



AX 660-00
bestehend aus :
including :
compuesto de :

18 x 16 mm / 23 x 16 mm
22 x 16 mm / 28 x 16 mm

FARABEUF
15 cm / 6"



AX 665-00
bestehend aus :
including :
compuesto de :

23 x 10 mm / 29 x 13 mm
26 x 10 mm / 33 x 13 mm

FARABEUF
15 cm / 6"



AX 670-00
bestehend aus :
including :
compuesto de :

25 x 21 mm / 30 x 30 mm 26 cm / 10¼"
38 x 38 mm / 65 x 43 mm 28 cm / 11"

AX 670-01
AX 670-02

RICHARDSON-EASTMAN

A



- 25 x 20 mm **AX 680-01**
- 30 x 27 mm **AX 680-02**
- 38 x 38 mm **AX 680-03**
- 50 x 22 mm **AX 680-04**

RICHARDSON
24 cm / 9½"



- 50 x 40 mm **AX 690-01**
- 65 x 50 mm **AX 690-02**
- 75 x 65 mm **AX 690-03**
- 90 x 75 mm **AX 690-04**

KELLY
26 cm / 10¼"



AX 692-20
55 x 47 mm

TUDOR-EDWARDS
20,5 cm / 8"



- 21,5 cm / 8½"; 50 x 50 mm **AX 695-21**
- 24,5 cm / 9¾"; 65 x 40 mm **AX 695-40**
- 24,5 cm / 9¾"; 70 x 50 mm **AX 695-50**
- 24,5 cm / 9¾"; 65 x 65 mm **AX 695-65**

MORRIS
20,5 cm / 8"



25 cm / 10" ; 80 x 53 mm **AX 700-25**
26 cm / 10¼" ; 78 x 82 mm **AX 700-26**

DOYEN



AX 705-23
64 x 60 mm

TUFFIER
23 cm / 9"



75 x 50 mm **AX 710-01**
75 x 90 mm **AX 710-02**

DAVIDSON
16 cm / 6¼"



29 cm / 11½" ; 35 x 45 mm **AX 720-01**
29 cm / 11½" ; 60 x 45 mm **AX 720-02**
33 cm / 13" ; 60 x 45 mm **AX 720-03**

ST. MARKS



80 x 45 mm **AX 760-01**
80 x 55 mm **AX 760-02**
80 x 65 mm **AX 760-03**

KOCHER
25 cm / 10"



AX 762-25
125 x 37 mm

SAUERBRUCH
25 cm / 10"



- 80 x 20 mm **AX 770-08**
- 100 x 20 mm **AX 770-10**
- 120 x 25 mm **AX 770-12**
- 140 x 25 mm **AX 770-14**
- 160 x 30 mm **AX 770-16**
- 180 x 30 mm **AX 770-18**

BRUNNER
25 cm / 10"



- 80 x 20 mm **AX 771-08**
- 100 x 20 mm **AX 771-10**
- 120 x 25 mm **AX 771-12**
- 140 x 25 mm **AX 771-14**
- 160 x 30 mm **AX 771-16**
- 180 x 30 mm **AX 771-18**

BRUNNER
25 cm / 10"



- 95 x 35 mm **AX 780-01**
- 120 x 50 mm **AX 780-02**
- 150 x 50 mm **AX 780-03**
- 180 x 50 mm **AX 780-04**

MIKULICZ
25 cm / 10"



- AX 782-25**
90 x 50 mm

MIKULICZ
25 cm / 10"

A



160 x 38 mm **AX 784-01**
 160 x 57 mm **AX 784-02**
 190 x 38 mm **AX 784-03**
 190 x 57 mm **AX 784-04**

KELLY
27 cm / 10¾"



AX 786-30
46 x 300 mm

KÖRTE
30 cm / 12"



127 x 40 mm **AX 790-01**
 127 x 62 mm **AX 790-02**

HARRINGTON
32 cm / 12½"



AX 792-01
175 x 64 mm

HARRINGTON-PEMBERTON
32 cm / 12½"



AX 800-01
19 mm

DEAVER
18 cm / 7"



AX 800-02
22 mm

DEAVER
21,5 cm / 8½"



AX 800-03
25 mm

DEAVER
23 cm / 9"



AX 800-04
25 mm

DEAVER
30 cm / 12"



AX 800-05
25 mm

DEAVER
33 cm / 13"



AX 800-06
25 mm

DEAVER
36 cm / 14"



AX 800-07
38 mm

DEAVER
30 cm / 12"



AX 800-08
50 mm

DEAVER
30 cm / 12"



AX 800-09
75 mm

DEAVER
30 cm / 12"



25 mm
38 mm
50 mm
75 mm

AX 810-01
AX 810-03
AX 810-04
AX 810-05

DEAVER
31 cm / 12½"



gerieft
serrated
dentada

COOLEY
21,5 cm / 8½"
rechts
right
derecho

AX 820-01
45 x 48 mm

AX 825-03
35 x 38 mm

AX 820-02
45 x 48 mm

AX 820-04
45 x 30 mm

AX 820-05
45 x 35 mm



AX 820-03
24 x 48 mm

COOLEY
21,5 cm / 8½"
links
left
izquierda



AX 840-45 **AX 840-60**
45 mm 60 mm
25,5 cm / 10" 27,5 cm / 10¼"

LERICHE



20 mm **AX 860-20**
30 mm **AX 860-30**
40 mm **AX 860-40**

KADER
28 cm / 11"



AX 900-28
45 x 60 mm

REVERDIN
28 cm / 11"



33 cm / 13"

- 20 mm **AX 910-20**
- 25 mm **AX 910-25**
- 30 mm **AX 910-30**
- 40 mm **AX 910-40**
- 45 mm **AX 910-45**
- 50 mm **AX 910-50**



HABERER

- | | | |
|------------------|------------------|------------------|
| AX 912-30 | AX 912-50 | AX 920-45 |
| 28 cm / 11" | 30 cm / 12" | 30 cm / 12" |
| 25 x 30 mm | 40 x 50 mm | 37 x 45 mm |
| | | biegsam |
| | | malleable |
| | | maleable |

A



AX 914-75
76 mm

OCHSNER
33 cm / 13"



AX 920-25
17 x 25 mm

TUFFIER
20 cm / 8"



- 6,5 mm **AX 945-06**
- 9,5 mm **AX 945-09**
- 13 mm **AX 945-13**
- 16 mm **AX 945-16**
- 19 mm **AX 945-19**
- 25 mm **AX 945-25**

MARTIN
20 cm / 8"
biegsam
malleable
maleable



- 6 mm **AX 950-06**
- 9 mm **AX 950-09**
- 12 mm **AX 950-12**
- 17 mm **AX 950-17**
- 19 mm **AX 950-20**
- 25 mm **AX 950-25**

20 cm / 8"
biegsam
malleable
maleable



AX 960-22
10 x 42 mm

AX 963-15
15 x 70 mm

AX 963-22
22 x 70 mm

OBWEGESER SPINA

22 cm / 8¾"
Nasalis Haken
Nasalis Hook
Nasalis Gancho



AX 971-15

OBWEGESER

15,5 cm / 6"
Kinnhalter
Chin Retractor
Mentón Separador



18 x 180 mm
20 x 200 mm
23 x 230 mm

AX 980-01
AX 980-02
AX 980-03

CLOWARD

18 cm / 7"



10 mm
8 mm

AX 991-16
AX 991-18

OBWEGESER

18 cm / 7"
Progenierinnen
Channel Retractor
Kanal Separador

A

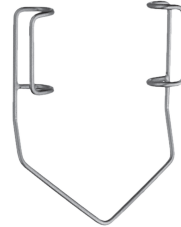


AZ 010-07
stumpf
blunt
romo

AZ 014-07
scharf
sharp
aguda

FINSEN

3 x 4 teeth
7 cm / 2¾"



3 cm / 1¼"
4 cm / 1½"

AZ 030-03
AZ 030-04

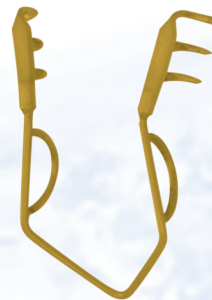
BARRAQUER COLIBRI

Lidsperrer
Eye specula
Espéculo ocular



AZ 034-07

MUELLER



25 mm
28 mm
38 mm
54 mm



AZ 035-25
AZ 035-28
AZ 035-38
AZ 035-54

EPICARDIAL RETRACTOR

3 x 3 teeth
scharf, vergoldet
sharp, gold coated
agudos, dorar



AZ 040-05

MELLINGER

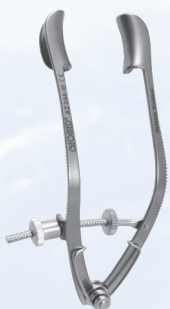
5 cm / 2"
Lidsperrer für Kinder
Eye specula for kids
Ojo espéculo para niños



14 mm, 9,2 cm / 3½"	AZ 042-14
16 mm, 9,4 cm / 3¼"	AZ 042-16
18 mm, 9,6 cm / 3¼"	AZ 042-18

CASTROVIEJO

Lidsperrer für Kinder
Eye specula for kids
Ojo espéculo para niños



AZ 044-15

LANCASTER

8 cm / 3¼"
Lidsperrer für Kinder
Eye specula for kids
Ojo espéculo para niños



AZ 070-00	AZ 072-00
stumpf	spitz
blunt	sharp
romo	aguda

HEISS

4 x 4 teeth
10 cm / 4"

A



7 cm / 2¾"
10 cm / 4"

ALM
4 x 4 teeth

stumpf
blunt
romo

AZ 080-07
AZ 080-10

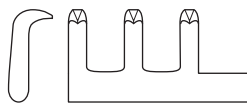
scharf
sharp
aguda

AZ 084-07
AZ 084-10

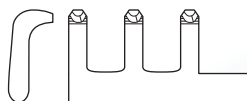


AZ 088-09

ALLPORT
4 x 4 teeth
9,5 cm / 3¾"



AZ 094-10
scharf
sharp
aguda



AZ 090-10
stumpf
blunt
romo



JANSEN
3 x 3 teeth
10 cm / 4"



SCALP-CONTOUR
3 x 4 teeth
14 cm / 5½"

AZ 096-14
stumpf
blunt
romo

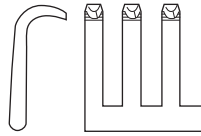
AZ 098-14
scharf
sharp
aguda



WEITLANER

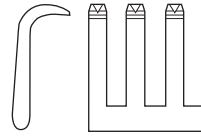
2 x 3 teeth
10,5 cm / 4¼"

stumpf
blunt
romo



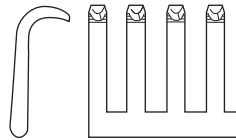
AZ 100-10

scharf
sharp
aguda

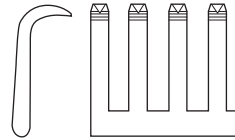


AZ 104-10

3 x 4 teeth
13 cm / 5"
16,5 cm / 6½"
20 cm / 8"
26 cm / 10¼"

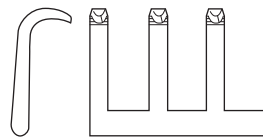


AZ 120-13
AZ 120-16
AZ 170-20
AZ 170-26

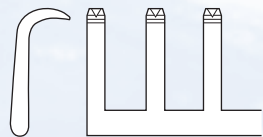


AZ 124-13
AZ 124-16
AZ 174-20
AZ 174-26

AZ 122-16
halb scharf
semi sharp
semi aguda



AZ 110-13
stumpf
blunt
romo



AZ 114-13
scharf
sharp
aguda



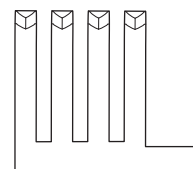
WULLSTEIN-WEITLANER

3 x 3 teeth
13 cm / 5"



ANDERSON ADSON

19 cm / 7½"

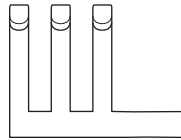


AZ 114-20
scharf
sharp
aguda

A



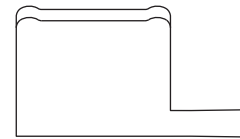
MILLIGAN
3 x 3 teeth
13 cm / 5"



AZ 130-13
stumpf
blunt
romo



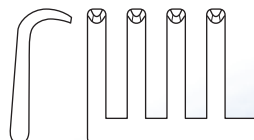
WEITLANER-BABY
13 cm / 5"



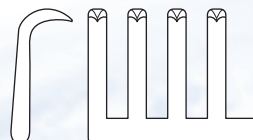
AZ 140-13



MOLLISON
4 x 4 teeth
15 cm / 6"



AZ 160-15
stumpf
blunt
romo



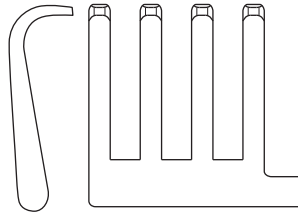
AZ 164-15
scharf
sharp
aguda



ADSON

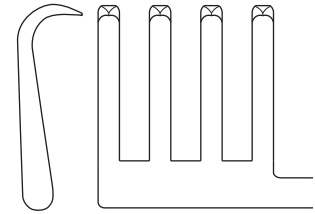
3 x 4 teeth
26,5 cm / 10½"

stumpf
blunt
romo



AZ 180-26

scharf
sharp
aguda



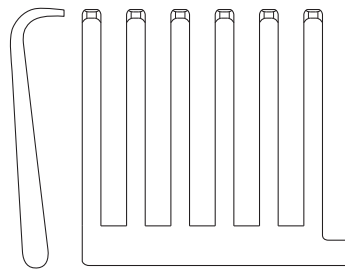
AZ 184-26

4 x 4 teeth
19,5 cm / 7¾"

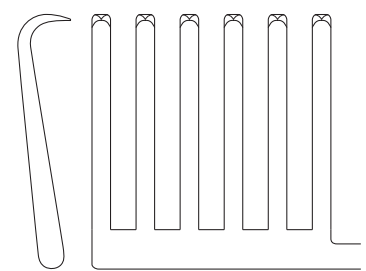
AZ 188-19

AZ 186-19

5 x 6 teeth
26,5 cm / 10½"

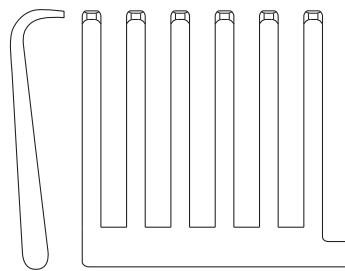


AZ 190-26

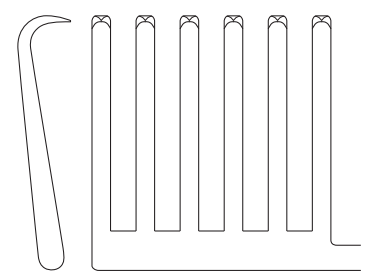


AZ 194-26

6 x 6 teeth
26,5 cm / 10½"



AZ 192-26



AZ 196-26

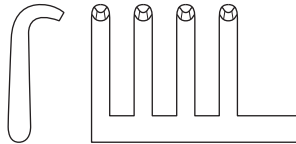
A



ADSON

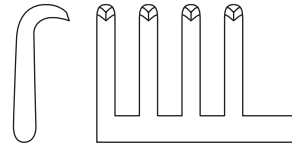
3 x 4 teeth
13 cm / 5"
16 cm / 6¼"
20 cm / 8"
26 cm / 10¼"

stumpf
blunt
romo



AZ 200-13
AZ 200-16
AZ 200-20
AZ 200-26

scharf
sharp
aguda



AZ 204-13
AZ 204-16
AZ 204-20
AZ 204-26

4 x 4 teeth
32 cm / 12½"

AZ 228-32

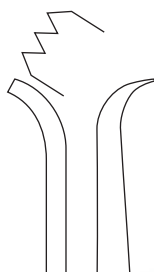
4 x 5 teeth
32 cm / 12½"

AZ 230-32

AZ 232-32



WILLIAMS
17 cm / 6¾"



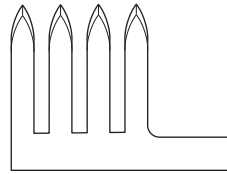
5 x 10 mm
6 x 10 mm
7 x 10 mm
5 x 20 mm
6 x 20 mm
7 x 20 mm

recht
right
derecho

AZ 210-05
AZ 210-06
AZ 210-07
AZ 211-05
AZ 211-06
AZ 211-07

links
left
izquierda

AZ 210-95
AZ 210-96
AZ 210-97
AZ 211-95
AZ 211-96
AZ 211-97



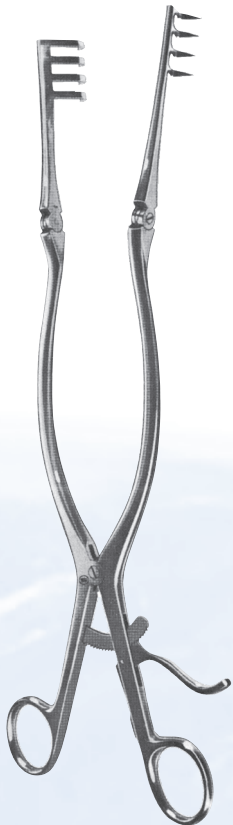
AZ 215-19
scharf
sharp
aguda

ADSON
4 x 4 teeth
19 cm / 7½"



AZ 220-22

NORFOLK-NORWICH
4 x 5 teeth
22 cm / 8¾"

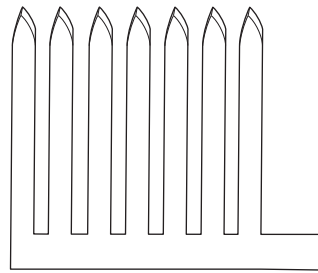


AZ 222-31
AZ 222-32
stumpf
blunt
romo

AZ 223-31
halb scharf
semi sharp
semi aguda

AZ 224-31
scharf
sharp
aguda

BECKMANN
4 x 4 teeth
31 cm / 12¼"



AZ 225-22
scharf
sharp
aguda

MISKIMON CEREBELLAR
22 cm / 8¾"



AZ 236-28

HARVEY JACKSON
28 cm / 11"



AZ 240-20
stumpf
blunt
romo

TRAVERS
4 x 5 teeth
20 cm / 8"








AZ 244-32
scharf
sharp
aguda

BECKMANN-EATON
7 x 7 teeth
32 cm / 12¾"



GELPI

	stumpf blunt romo	scharf sharp aguda
13 cm / 5" 18 cm / 7"		 AZ 270-13 AZ 270-18
mit Kugeln with balls con bolas 18 cm / 7"	 AZ 272-18	 AZ 274-18
ohne Kugeln without balls sin bolas 18 cm / 7"	 AZ 277-18	 AZ 279-18



JACKSON-BURROWS
18 cm / 7"

AZ 260-18
stumpf
blunt
romo

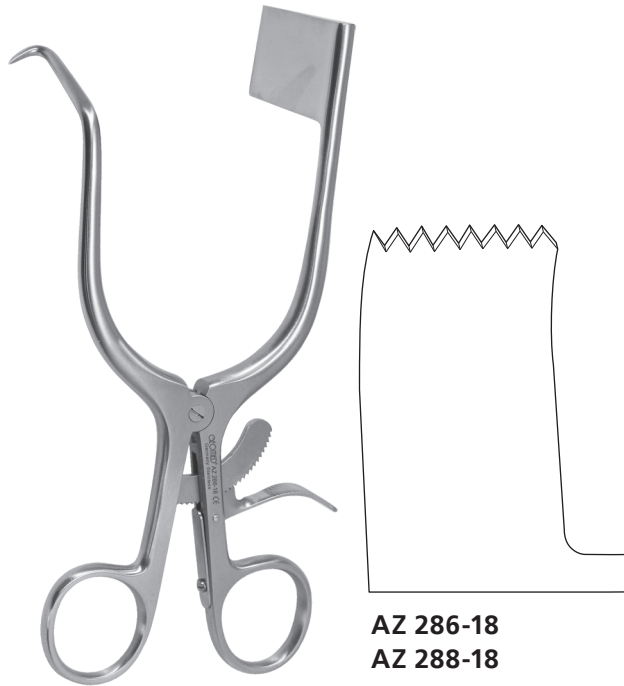


GELPI-SEILETZ
15 cm / 6"

AZ 280-15
stumpf
blunt
romo

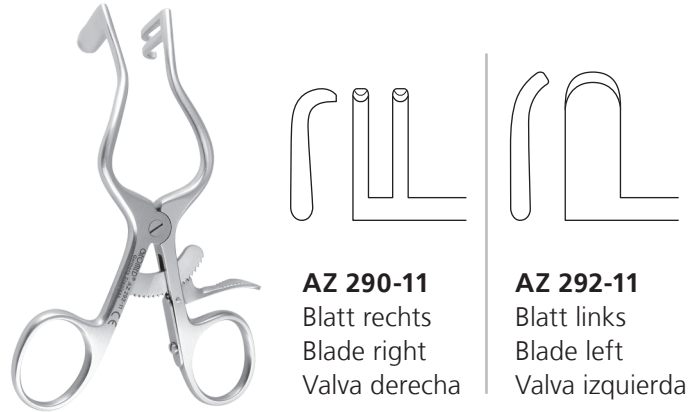
AZ 284-15
scharf
sharp
aguda

A



AZ 286-18
AZ 288-18

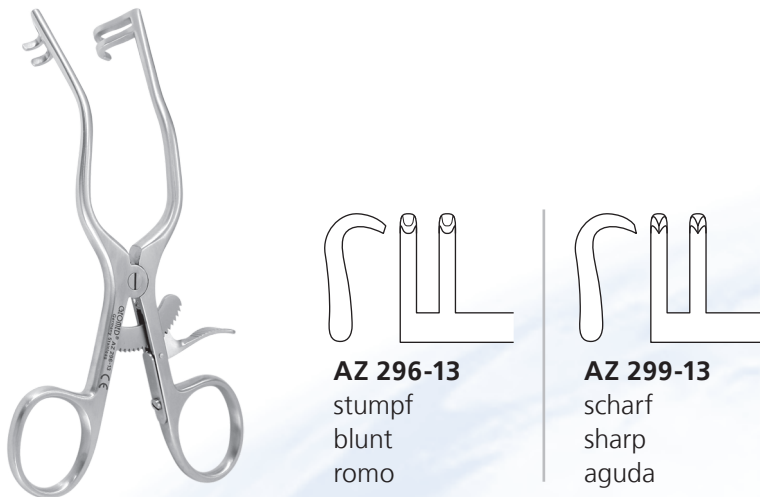
MARKHAM-MEYERDING
18 cm / 7"



AZ 290-11
Blatt rechts
Blade right
Valva derecha

AZ 292-11
Blatt links
Blade left
Valva izquierda

PLESTER
11 cm / 4¼"



AZ 296-13
stumpf
blunt
romo

AZ 299-13
scharf
sharp
aguda

PLESTER
2 x 2 teeth
13 cm / 5"



AZ 300-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

AZ 301-01

Sperrer allein, Spreizweite 80 mm / 3¼"
Frame only, spread 80 mm / 3¼"
Cuadro solo, abertura 80 mm / 3¼"

Seitenvalve	AZ 303-23	AZ 303-30
lateral blade	23 x 44 mm	30 x 44 mm
valva lateral		

BABY-COLLIN

18 cm / 7"



AZ 320-00

komplett
complete
completo

COLLIN

60 x 40 mm

A



RICARD

komplett
complete
completo

bestehend aus :
including :
compuesto de:

Sperrer allein
Frame only
Cuadro solo

Mittelvalven
Center blades
Valvas central

Seitenvalven
Lateral blades
Valva laterals

AZ 330-00

AZ 340-00

AZ 331-01
30 cm / 12"

AZ 331-01
28 cm / 11"

AZ 332-55
55 x 70 mm

AZ 332-80
90 x 80 mm

AZ 333-60
60 x 80 mm

AZ 333-72
72 x 85 mm

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



MERCEDES

AZ 345-00
komplett
complete
completo

bestehend aus :
including :
compuesto de:

AZ 346-00
Sperrer allein
Frame only
Cuadro solo

Seitenvalve
Lateral blade
Valva lateral

AZ 347-42
42 x 65 mm

AZ 347-75
75 x 75 mm



COLLIN

AZ 350-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

AZ 351-01

Sperrer allein, Spreizweite 100 mm / 4"
Frame only, spread 100 mm / 4"
Cuadro solo, abertura 100 mm / 4"

Mittelvalve **AZ 352-38**
Center blade 55 x 55 mm
Valva central

Seitenvalve **AZ 353-38**
Lateral blade 32 x 62 mm
Valva lateral

Zubehör :
Accessories :
Accesorios :

Mittelvalve **AZ 352-50**
Center blade 50 x 75 mm
Valva central

Wechsel-Seitenvalven	40 x 80 mm	AZ 353-40
Lateral blades	45 x 80 mm	AZ 353-45
Valva lateral	50 x 70 mm	AZ 353-50
	52 x 110 mm	AZ 353-52
	70 x 55 mm	AZ 353-70
	72 x 85 mm	AZ 353-72
	50 x 58 mm	AZ 353-90
	60 x 80 mm	AZ 353-92

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura



COLLIN

AZ 360-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

AZ 361-01

Sperrer allein, Spreizweite 160 mm / 6¼"
Frame only, spread 160 mm / 6¼"
Cuadro solo, abertura 160 mm / 6¼"

Mittelvalve **AZ 362-60**
Center blade 62 x 70 mm
Valva central

Seitenvalve **AZ 363-60**
Lateral blade 62 x 80 mm
Valva lateral

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura



HENLEY
3 x 4 teeth
16,5 cm / 6½"

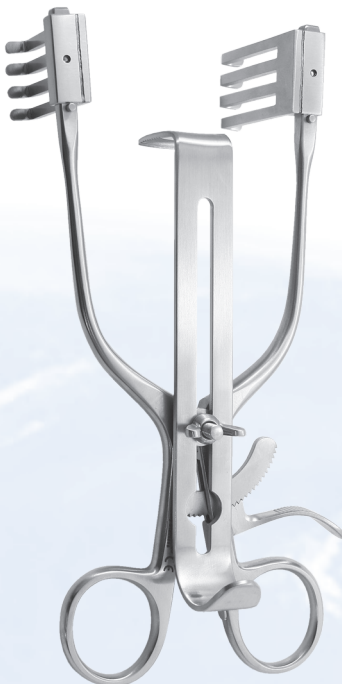
komplett
complete 19 mm
completo 28 mm

stumpf blunt romo	spitz sharp aguda
AZ 371-01	AZ 374-01
AZ 371-02	AZ 374-02

bestehend aus :
including :
compuesto de:

Mittelvalve 15 mm	AZ 372-19
Center blade 25 mm	AZ 372-25
Valva central 30 mm	AZ 372-32
40 mm	AZ 372-40

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura

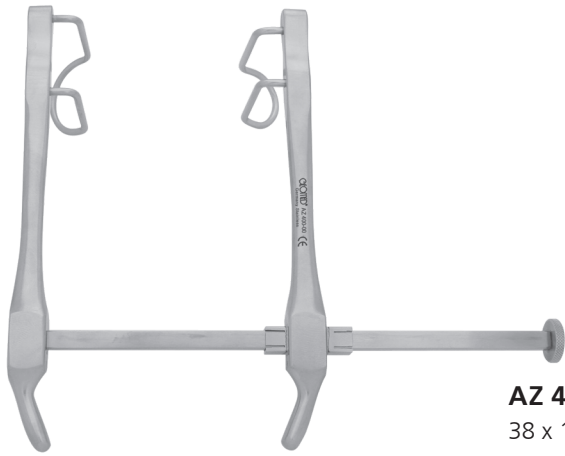


HENLEY

AZ 375-00
komplett
complete
completo

bestehend aus :
including :
compuesto de:

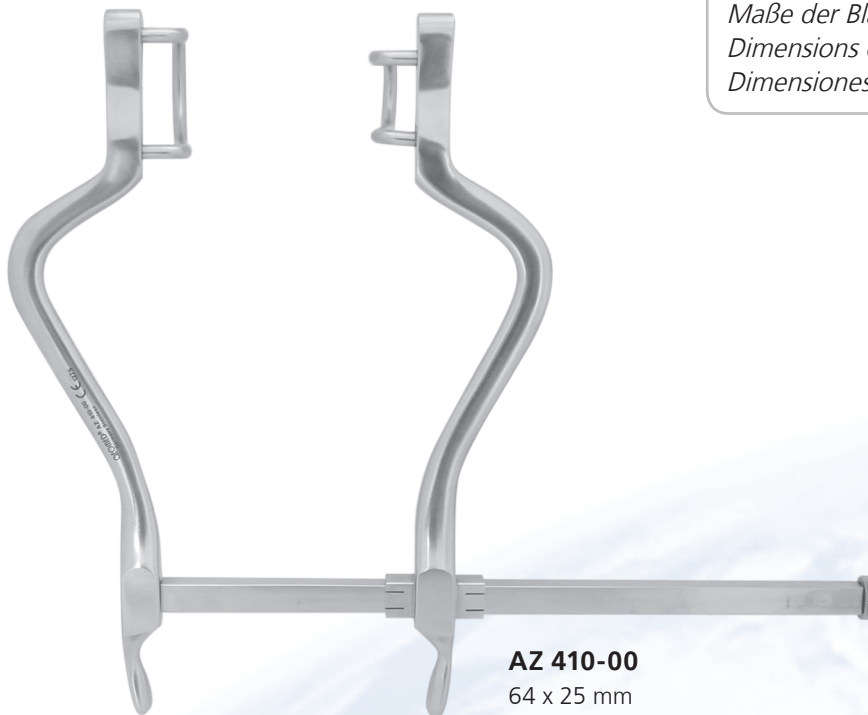
Sperrer Retractor Separadores	AZ 375-01
Mittelvalve 19 mm	AZ 375-19
Center blade 25 mm	AZ 375-25
Valva central 30 mm	AZ 375-30



AZ 400-00
38 x 19 mm

GOSSET

Spreizweite 100 mm / 4"
spread 100 mm / 4"
abertura 100 mm / 4"



AZ 410-00
64 x 25 mm

GOSSET

Spreizweite 140 mm / 5¼"
spread 140 mm / 5¼"
abertura 140 mm / 5¼"

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



GOSSET

AZ 420-00

komplett
complete
completo

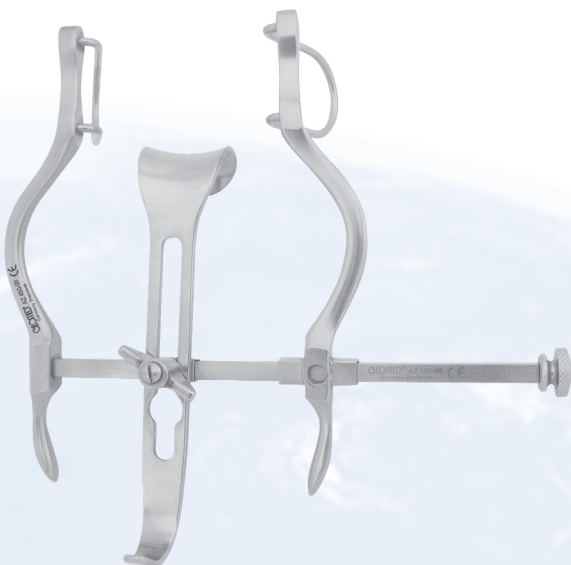
bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 63 x 35 mm
frame with lateral blades 63 x 35 mm
cuadro con valvas laterales 63 x 35 mm

Spreizweite **AZ 421-01**
spread 160 mm / 6¼"
abertura

Mittelvalve **AZ 422-70**
Center blade 60 x 56 mm
Valva central

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



BABY-BALFOUR

AZ 450-00

komplett
complete
completo

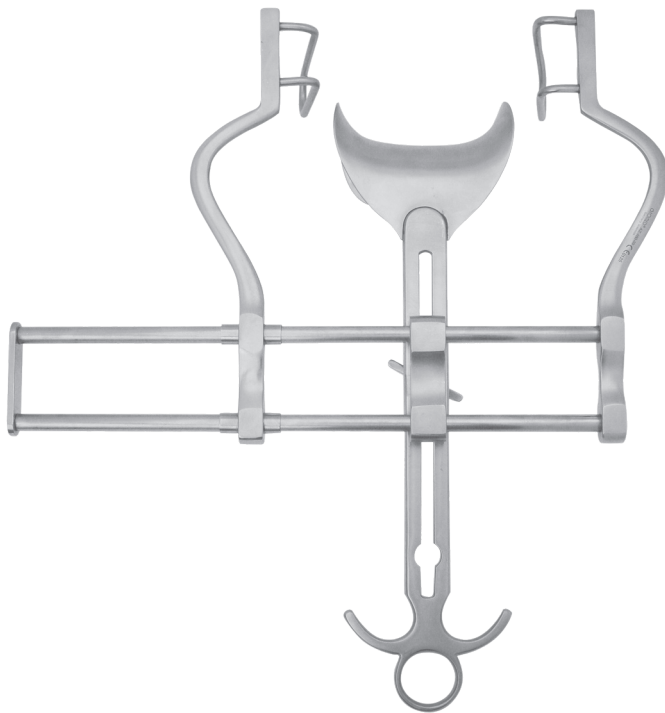
bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 27 x 27 mm
frame with lateral blades 27 x 27 mm
cuadro con valvas laterales 27 x 27 mm

Spreizweite **AZ 451-01**
spread 90 mm / 3½"
abertura

Mittelvalve **AZ 452-24**
Center blade 24 x 20 mm
Valva central

A



BALFOUR

AZ 460-00

komplett
complete
completo

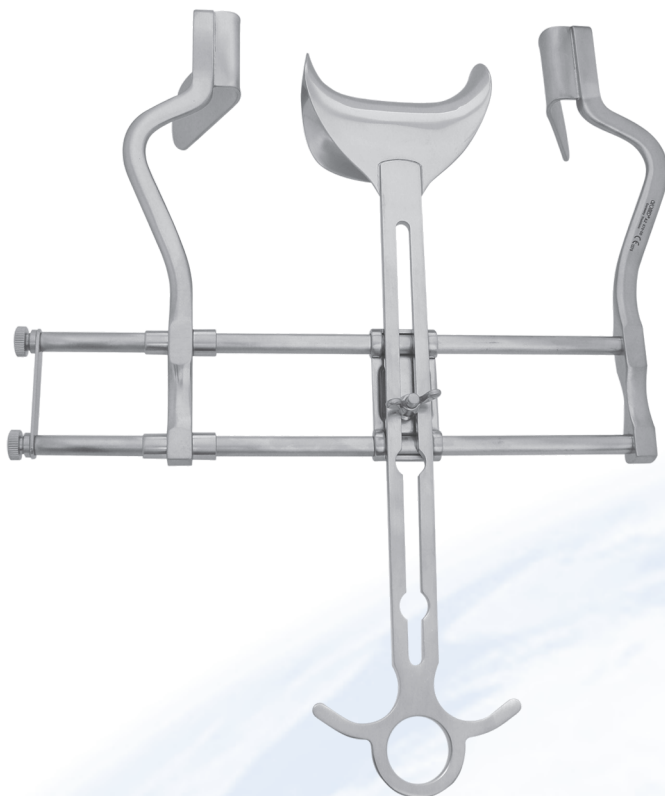
bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 63 x 35 mm
frame with lateral blades 63 x 35 mm
cuadro con valvas laterales 63 x 35 mm

Spreizweite **AZ 461-01**
spread 180 mm / 7"
abertura

Mittelvalve **AZ 462-45** **AZ 462-70**
Center blade 45 x 80 mm 68 x 85 mm
Valva central

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura



BALFOUR

AZ 470-00

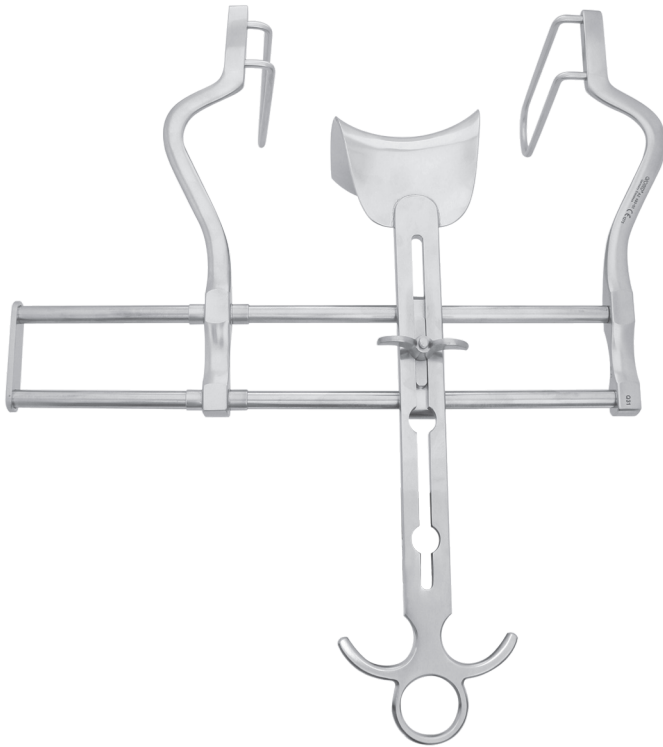
komplett
complete
completo

bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 70 x 35 mm
frame with lateral blades 70 x 35 mm
cuadro con valvas laterales 70 x 35 mm

Spreizweite **AZ 471-01**
spread 180 mm / 7"
abertura

Mittelvalve **AZ 462-45**
Center blade 45 x 80 mm
Valva central



BALFOUR

AZ 480-00

komplett
complete
completo

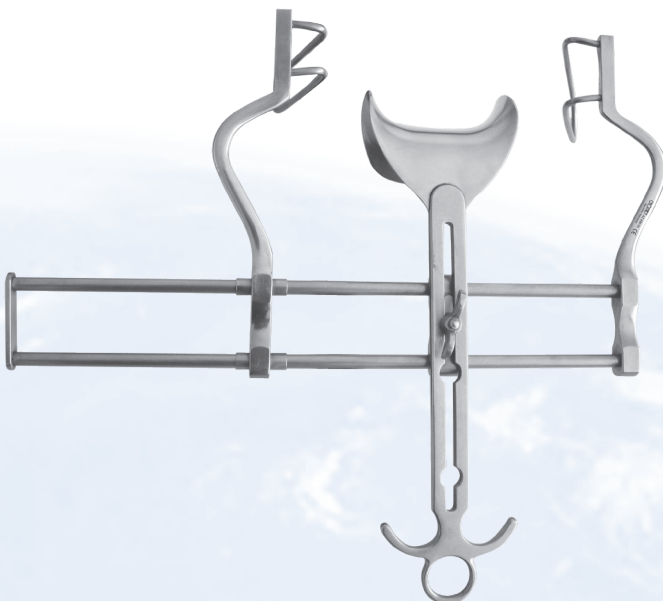
bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 100 x 35 mm
frame with lateral blades 100 x 35 mm
cuadro con valvas laterales 100 x 35 mm

Spreizweite **AZ 481-01**
spread 200 mm / 8"
abertura

Mittelvalve **AZ 482-99**
Center blade 100 x 60 mm
Valva central

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura



BALFOUR

AZ 490-00

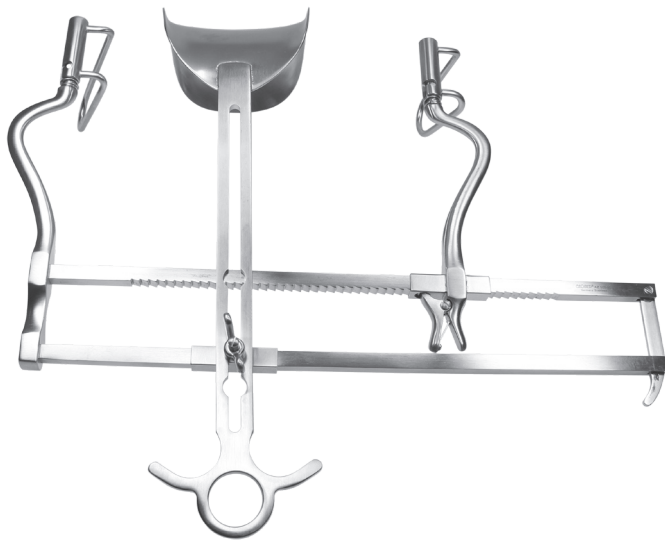
komplett
complete
completo

bestehend aus :
including :
compuesto de:

Sperrer mit Seitenvalven 100 x 35 mm
frame with lateral blades 100 x 35 mm
cuadro con valvas laterales 100 x 35 mm

Spreizweite **AZ 491-01**
spread 250 mm / 10"
abertura

Mittelvalve **AZ 492-70**
Center blade 70 x 85 mm
Valva central



BALFOUR-USA

AZ 500-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

Spreizweite **AZ 501-01**
spread 180 mm / 7"
abertura

Mittelvalve 70 x 85 mm **AZ 502-45**
Center blade 68 x 84 mm **AZ 502-68**
Valva central

Seitenvalven 50 mm **AZ 503-06**
Lateral blades 75 mm **AZ 503-08**
Valvas laterales

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



BALFOUR

AZ 510-00

AZ 515-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

Spreizweite **AZ 521-01**
spread 270 mm / 10½"
abertura

Mittelvalve **AZ 522-01**
Center blade 47 x 80 mm
Valva central



55 x 105 mm | **AZ 602-56**
55 x 115 mm | **AZ 602-57**
55 x 125 mm | **AZ 602-58**

DOYEN
28 cm / 11"

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



O'SULLIVAN-O'CONNOR

AZ 700-00

komplett
complete
completo

bestehend aus :
including :
compuesto de:

AZ 701-01

Sperrer mit Seitenvallen
frame with lateral blades
cuadro con valvas laterales

Mittelvalve	AZ 702-80	AZ 702-99
Center blade	90 x 45 mm	100 x 70 mm
Valva central		

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*

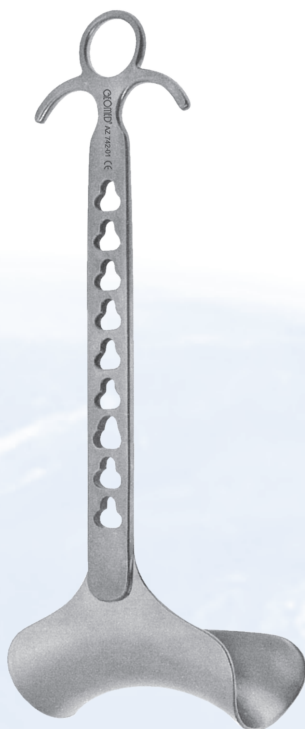


AZ 741-01
65 x 55 mm

Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura

ROCHARD

Befestigungsrahmen 65 cm hoch, 55 cm tief
Mounting frame 65 cm high, 55 cm deep
Bastidor para la fijación altura 65 cm, profunda 55 cm



ROCHARD

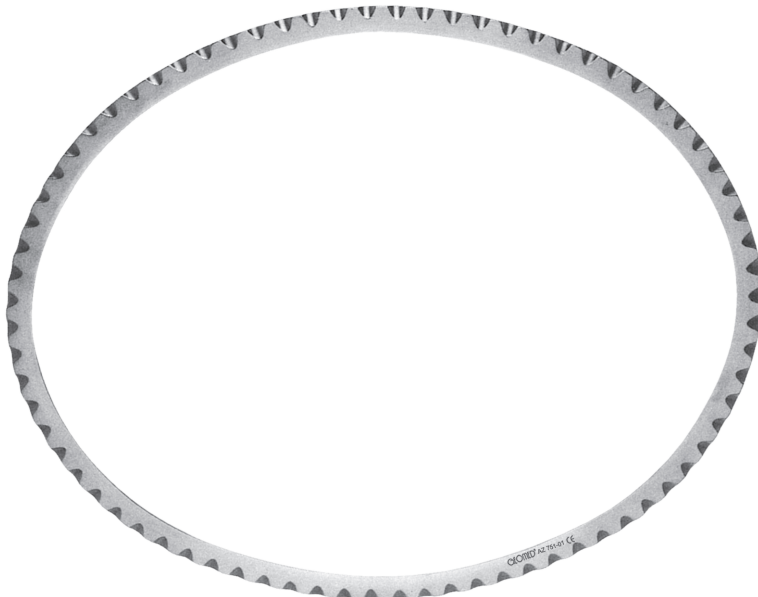
- 140 x 95 mm **AZ 742-01**
- 140 x 105 mm **AZ 742-02**
- 140 x 120 mm **AZ 742-03**
- 140 x 135 mm **AZ 742-04**
- 140 x 155 mm **AZ 742-05**
- 140 x 120 mm **AZ 742-07**



ROCHARD
19 cm / 7½"

AZ 745-19
Fixiervorrichtung
Fixation device
Dispositivo de fijación

A



KIRSCHNER

AZ 750-00

komplett
complete
completo

Rahmen allein
Frame only
Cuadro solo

AZ 751-01

300 mm x 240 mm

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*

Zubehör :
Accessories :
Accesorios :



- | | |
|-------------|------------------|
| 40 x 55 mm | AZ 752-40 |
| 50 x 65 mm | AZ 752-50 |
| 60 x 85 mm | AZ 752-60 |
| 78 x 65 mm | AZ 752-78 |
| 80 x 90 mm | AZ 752-80 |
| 120 x 60 mm | AZ 752-90 |
| 98 x 50 mm | AZ 752-98 |
| 105 x 35 mm | AZ 752-99 |

Rahmenhaken
Frame hook
Valva de cuadro



- | | |
|------------|------------------|
| 60 x 85 mm | AZ 752-60 |
| 78 x 65 mm | AZ 752-78 |

Rahmenhaken
Frame hook
Valva de cuadro



KIRSCHNER

AZ 760-00

komplett
complete
completo

Rahmen allein
Frame only
Cuadro solo

AZ 761-02

240 mm x 240 mm

*Maße der Blätter = Tiefe x Breite
Dimensions of blades = Depth x Width
Dimensiones de las hojas = Profundidad x Anchura*



40 x 55 mm
50 x 65 mm

AZ 752-40
AZ 752-50

Rahmenhaken
Frame hook
Valva de cuadro



AZ 813-00
AZ 813-55

MAYO-ADAMS

17 cm / 6¾"