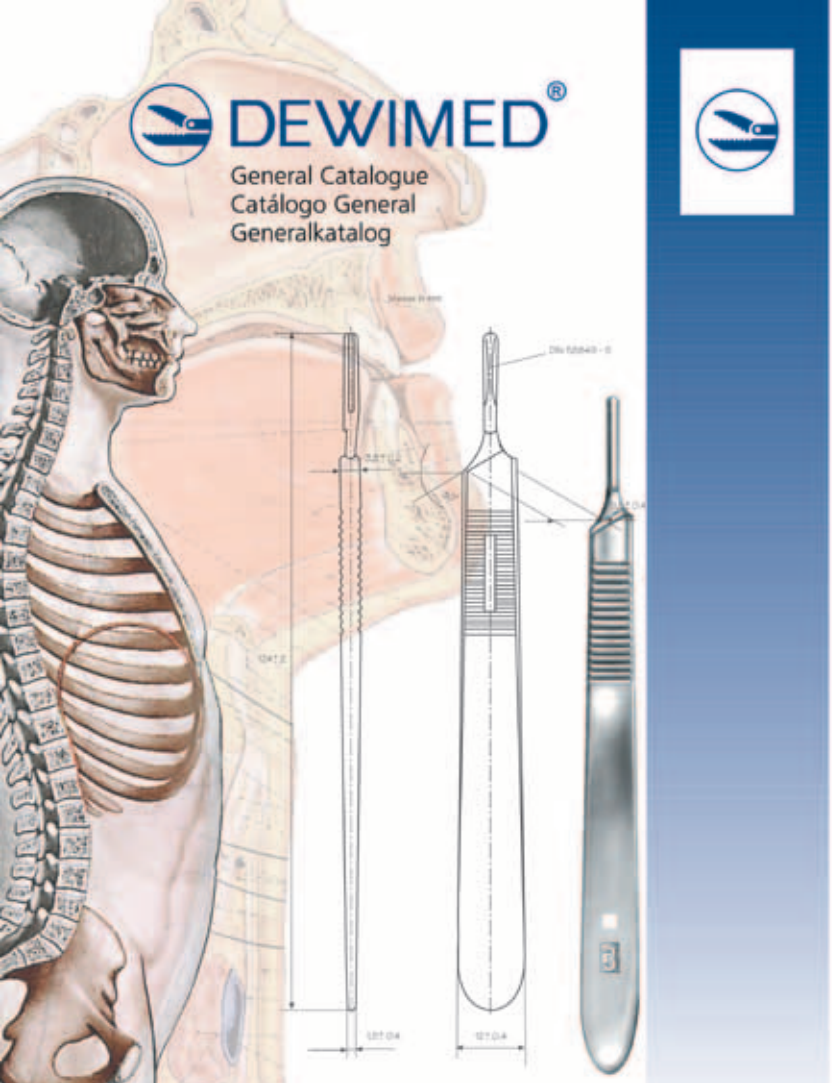
DEWIMED®

General Catalogue
Catálogo General
Generalkatalog



General Catalogue

Catálogo General

Generalkatalog

(00.011.00/99)









DEWIMED®

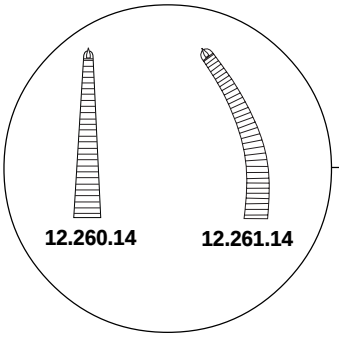


The **Dewimed General Catalogue** consist of chapters according to the different specialties.
An alphabetical and numerical index is incluided in the last pages for easy localization of products.
The **Dewimed** products are depicted the following way:

El **Catálogo General Dewimed** está dividido en secciones de acuerdo a las especialidades.
Para la localización rápida de productos, se encuentra en las últimas páginas un índice alfabético y uno numérico.
Los productos **Dewimed** se encuentran representados de la siguiente manera:

Der **Dewimed Generalkatalog** ist je nach Fachdisziplin in Kapitel unterteilt.
Zur schnellen Produktfindung sind auf den letzten Seiten ein alphabetisches und ein numerisches Verzeichnis vorzufinden.
Die **Dewimed** Producte sind wie folgt dergestellt:





the technical drawing is for product variations or near technical details

el dibujo técnico indica las variantes o detalles técnicos del instrumento

die technische Zeichnung gibt die varianten oder nähere technische Detei ls an

A) *product name*
nombre del producto
Produktname

B) *item numbers*
números de artículos
Artikelnummern

C) *sizes*
medidas
Maße

CRILE — A

12.260.14 - 12.261.14 — B

14 cm
1 x 2 teeths — C

Neither the product images nor the technical drawing of this catalogue correspond to the real measure of the instruments.

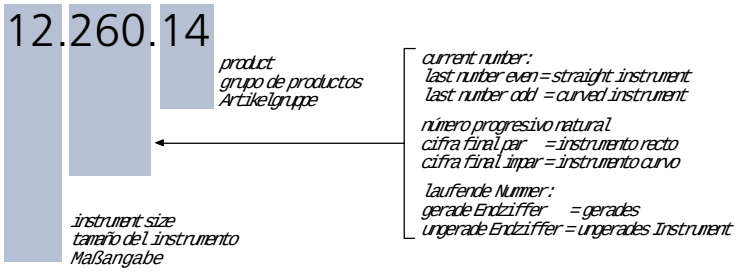
The catalogue numbers of the **Dewimed** products are structured as follows:

Las medidas de las imágenes y dibujos técnicos no corresponden al tamaño real de los instrumentos.

Los números de catálogo de los productos **Dewimed** está estructurado con las siguiente información:

Weder Abbildeingen noch technische Zeichnungen sind im Maßstab 1:1 abgbildet.

Die Artikelnummern der **Dewimed** Produkte sind wie folgt aufgebaut:



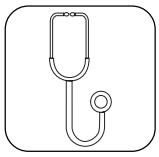
All instruments in this catalogue are made of stainless steel, with exception of the item numbers with the following indication:

Todos los instrumentos son de acero inoxidable a excepción de los numeros con las siguientes indicaciones:

Alle Instrumente sind aus Edelstahl, mit Ausnahme der Artikelnummern mit den folgenden Angaben:

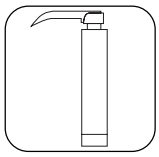
TC = *tungsten carbide* / *carburo de tungsteno* / *Hartmetaleinsätze*

T = *titanium* / *titanio* / *Titan*



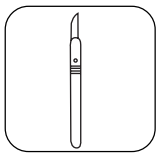
02 1

Diagnostics
Diagnóstico
Diagnostik



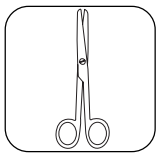
04 13

Anesthesia
Anestesia
Anaesthesie



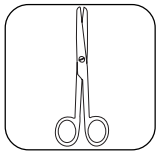
06 19

General Surgery
Cirugía General
Allgemeine Chirurgie



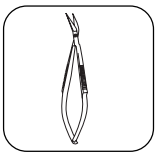
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Scissors DC
Tijeras DC
Scheren DC



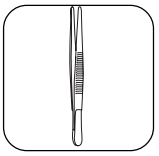
08 35

Scissors
Tijeras
Scheren



09 59

Microscissors
Microtijeras
Mikroscheren



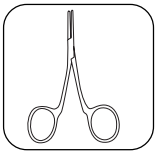
10 73

Forceps
Pinzas
Pinzetten



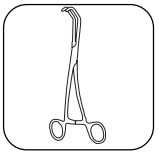
11 89

Atraumatic Forceps
Pinzas Atraumáticas
Atraumatische Pinzetten



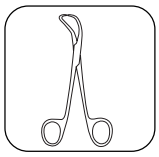
12 95

Hemostatic Forceps
Pinzas Hemostáticas
Arterien- u. Schlauchklemmen



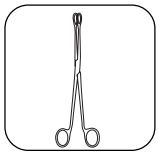
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Atraumatic Hemostatic Forceps
Pinzas Hemostáticas Atraumáticas
Atraumatische Gefäßklemmen



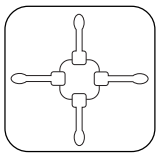
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Towel Clamps
Pinzas de Campo
Tuchklemmen



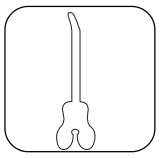
16 149

Polypus, Dressing Forceps
Pinzas para Pólipos y Esponjas
Tupfer- und Sperrer



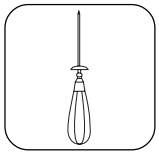
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Retractors
Separadores
Wundhaken-und Sperrer



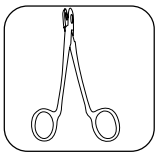
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Probes, Cotton Aplicators
Estiletes, Sondas, Porta Algodones
Sonden, Wattenträger



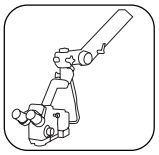
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Trocars, Punction Needles
Tócares, Agujas de Punción
Trokare, Punktionsnadeln



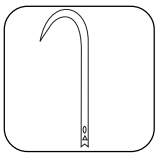
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Needle Holders
Porta agujas
Nadelhalter



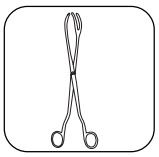
25 231

Magnification Glass and Microscope
Lupas y Microscopios
Lupenbrillen und Mikroskope



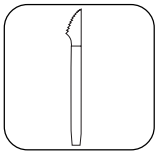
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Suture
Sutura
Naht



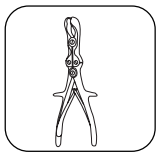
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Sterilizing Aids
Auxilios para Esterilización
Sterilisierhilfen



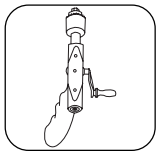
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Plaster - of - Paris
Vendajes Enyesados
Gibsverbände



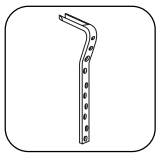
32 269

Bone Surgery
Cirugía Ósea
Knochenchirurgie



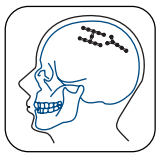
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Bone Surgery
Cirugía Ósea
Knochenchirurgie



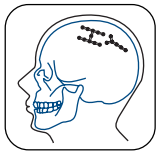
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Osteosynthesis
Osteosíntesis
Osteosynthese



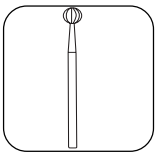
37 371

Oral Maxilofacial Surgery (Implants)
Cirugía Oral-Maxilofacial (Implantes)
Mund-, Kiefer- u. Gesichtschirurgie (Implantate)



38 381

Oral Maxilofacial Surgery
Cirugía Oral-Maxilofacial
Mund-, Kiefer- u. Gesichtschirurgie



39 393

Bone Surgery
Cirugía Ósea
Knochenchirurgie



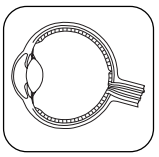
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Neurosurgery
Neurocirugía
Neurochirurgie



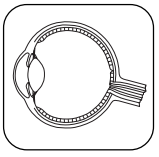
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Neurosurgery
Neurocirugía
Neurochirurgie



42 483

Ophtalmology
Oftalmología
Ophtalmologie



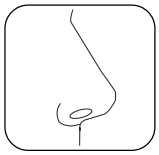
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Ophtalmology
Oftalmología
Ophtalmologie



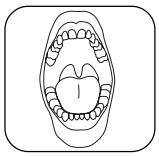
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Otology
Otología
Otologie



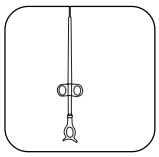
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Rhinology
Rinología
Rhinologie



48 551

Mouth and Tongue
Boca y Lengua
Mund und Zunge



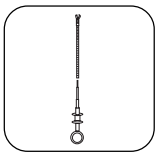
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Tonsils
Amígdalas
Tonsillen



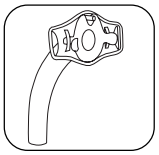
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Larynx
Laringe
Larynx



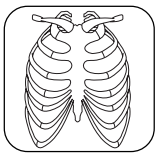
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Flexible Endoscopic Forceps
Pinzas Flexibles Endoscópicas
Flexible Endoskopische Pinzetten



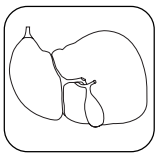
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Tracheostomy
Traqueotomía
Tracheotomie



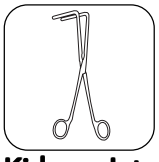
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Thorax
Tórax
Thorax



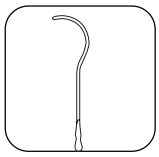
62 615

Gall Bladder
Vesícula Biliar
Gallen Blase



64 621

Kidney, Intestines, Stomach
Riñón, Intestino, Estomago
Niere, Darm, Magen



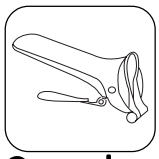
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Urology
Urología
Urologie



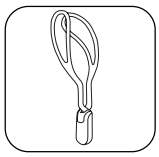
68 641

Rectum
Recto
Mastdarm



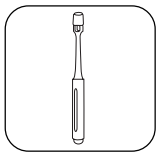
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Gynecology
Ginecología
Gynäkologie



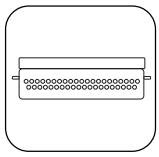
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Obstetrics
Obstetricia
Geburtshilfe



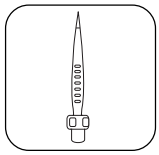
74 685

Dermatology, Hygiene
Dermatología, Higiene
Dermatologie, Hygiene



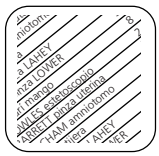
88 691

Instrument Boxes, Trays
Contenedores, Bandejas
Behälter und Siebschalen



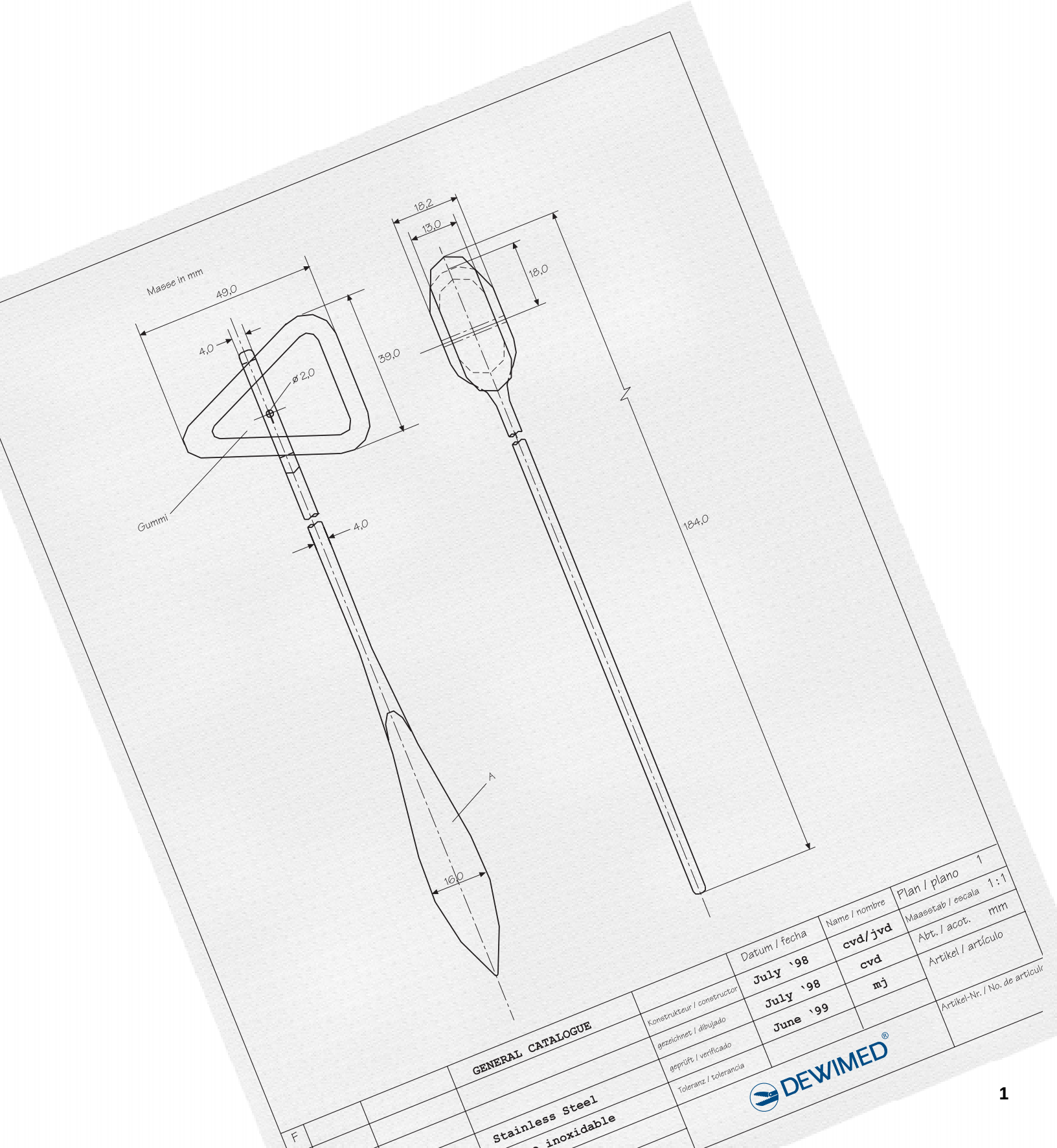
90 715

HF Surgery (Diathermy)
Cirugía de Alta Frecuencia
Hochfrequenzchirurgie



.....727

Index
Indice
Inhaltsverzeichnis


Masse in mm
49,0
4,0
ø 2,0
39,0
Gummi
4,0
18,2
13,0
18,0
184,0
A
16,0
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo



02.102.00
complete



02.110.00
economic
02.112.00
complete



02.122.00
complete



02.132.00
complete



COLLIN
02.140.01
adult
02.140.02
child



FRANCKE
02.145.00



02.147.00



VARIFOCAL
02.160.00
MAY
02.162.00



02.170.00
combination



02.172.00
universal
02.173.00
economic universal



02.174.00
otoscope

head lights



ZIEGLER
02.180.90
complete

02.180.91



02.180.92



CLAR
02.190.00
complete
6V



02.190.01



CLAR
02.190.02
complete
3V



RI-CLAR
02.191.00
complete, 7v
with AC-adapter 110 v
headmirror 100 mm
02.192.00
complete, 7V
with AC-adapter 220 v
headmirror100 mm



CLAR
02.195.00
complete
6V



02.195.01
mirror replacement only
02.195.02
head band replacement only



CLAR
02.195.03
complete
3V



RI-CLAR
02.196.00
complete 7V
with AC-adapter 110 v
headmirror 55mm
02.197.00
complete, 7v
with AC-adapter de 220 v
headmirror 55 mm



02.199.06
6V



BOWLES
02.240.00



FORD
02.242.00



FORD BOWLES
02.244.00



DUPLEX
02.246.00



PINARD
02.260.15
aluminium
15 cm



PINARD
02.262.18
wood
18 cm



DE LEE HILLIS
02.280.00



cm

17	**02.288.17**
20	**02.288.20**

TAYLOR



TRAUBE
02.290.16



BABINSKY
02.292.22
22 cm



TROEMNER
02.294.24
24 cm



DEJERINE
02.302.20



DEJERINE
02.304.20



BERLINER
02.306.17



BUCK
02.308.18



BERTILLON
02.310.01
cephalometer



MOELTGEN
02.312.01
goniometer



02.318.00



02.318.02



WARTENBERG
02.320.19
pinwheel
19 cm

rulers, metal



02.340.10 - 02.340.50

10 cm / 4 “	**02.340.10**
15 cm / 6 “	**02.340.15**
20 cm / 8 “	**02.340.20**
25 cm / 10 “	**02.340.25**
30 cm / 12 “	**02.340.30**
40 cm / 16 “	**02.340.40**
50 cm / 20 “	**02.340.50**



15 cm



02.350.15
150 cm



02.352.15
150 cm



ANDREAS VESALIUS
1514 -1564

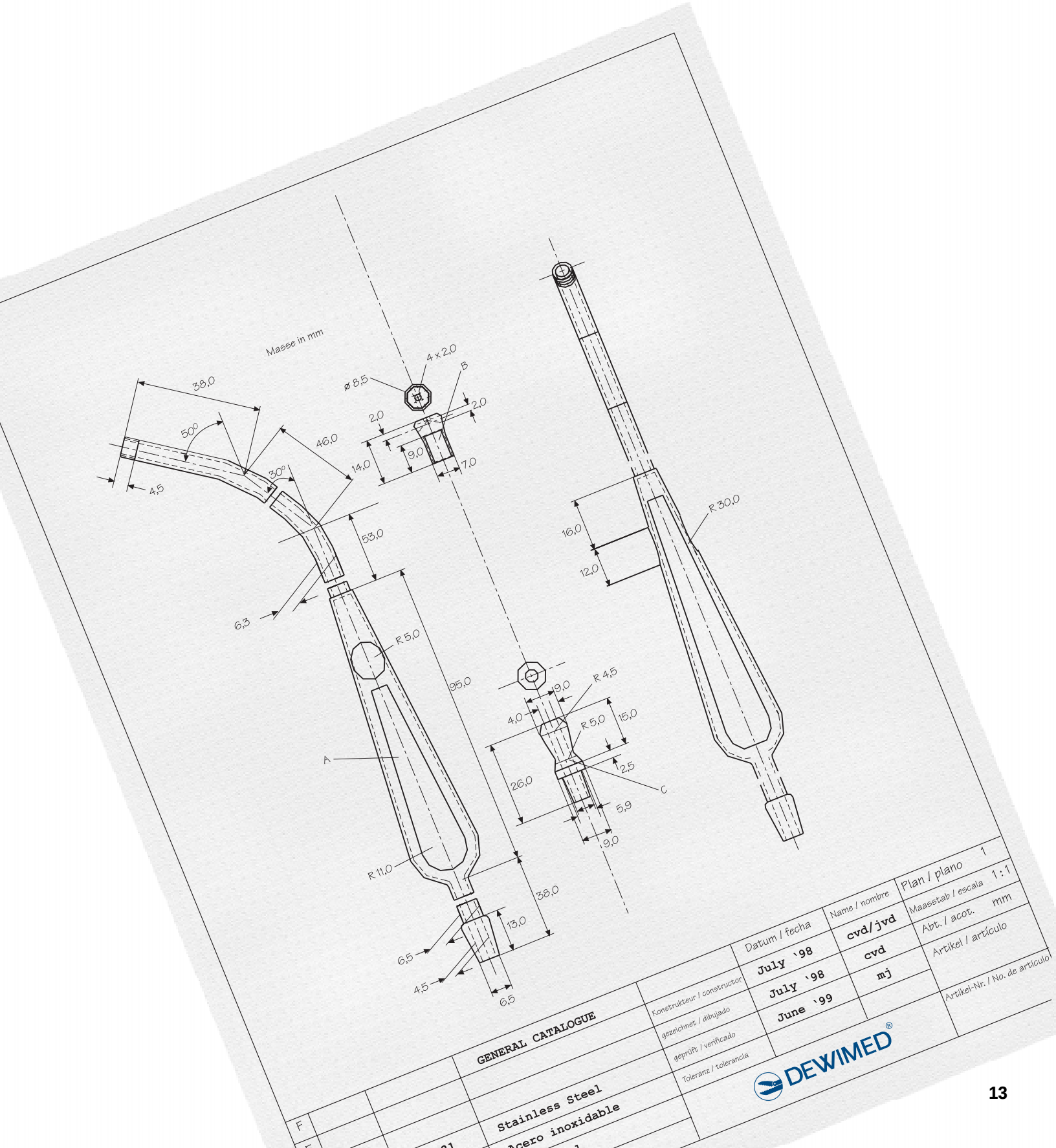
A huge contribution to medical science, specially to surgery science is thanks to the first scientific anatomist Andreas Vesalius.
Andreas Vesalius was born in Brussels, Belgium in 1514. He studied medicine in Paris 1533 and obtained his doctorate 1537 in Padua.
Being still a student, Vesalius was very dedicated to the detailed dissection of bodies and made exact illustrations and descriptions about his discoveries.
His great piece of work "Humanis Corporis Fabrica", in which he publishes his first anatomic atlas, eliminates many of the errors about the human body which were common in those days.

Toda la ciencia médica, y en particular la cirugía está en deuda con el primero de los anatomistas científicos, Andreas Vesalius. Nació en Bruselas, Bélgica en 1514.
Cursó sus estudios de medicina en París en 1533.
Obtiene su doctorado en Padua en 1537.
Siendo estudiante de medicina, comenzó a hacer disecciones detalladas y precisas de anatomía humana junto con sus descripciones cuidadosas e ilustraciones realistas.
Con su gran obra "Humanis Corporis Fabrica", en la cual publica su primer atlas de anatomía, enmendó muchos errores que por mil años se habían pasado por alto.



"Humanis Corporis Fabrica"

Ein großer Beitrag in der medizinischen Wissenschaft, insbesondere in der chirurgischen, ist dem ersten wissenschaftlichen Anatom Andreas Vesalius anzuerkennen.
Andreas Vesaius ist 1514 in Brüssel, Belgien geboren.
Sein medizinisches Studium hat er 1533 in Paris absolviert und erhielt 1537 in Padua seinen Doktortitel.
Schon als Student beschäftigte sich Vesalius mit der detaillierten Sezierung von menschlichen Körpern und den dazugehörigen genauen Abbildungen und Beschreibungen.
Sein großes Werk "Humanis Corporis Fabrica", in dem er seinen ersten anatomischen Atlas veröffentlicht, hat viele Fehler der damaligen Erkenntnisse über den menschlichen Körper (Galeanische Theorien) behoben.


Masse in mm
38,0
50°
46,0
30°
4,5
53,0
6,3
ø 8,5
4 x 2,0
B
2,0
2,0
9,0
7,0
14,0
R 5,0
95,0
A
R 11,0
38,0
13,0
6,5
4,5
6,5
R 30,0
16,0
12,0
R 4,5
9,0
4,0
R 5,0
15,0
2,5
C
26,0
5,9
9,0
GENERAL CATALOGUE
Stainless Steel
Acero inoxidable
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1 : 1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo



ANTHONY
04.120.02
2 mm
04.120.03
3 mm



POOLE
04.130.10
ø 10 mm
30 Fr.



POOLE
04.140.08
ø 8 mm
23 Fr.

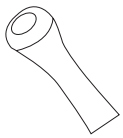


YANKAUER
04.150.27
27 cm

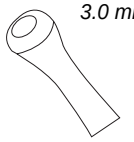


DE BAKEY
04.154.27





04.155.30
3.0 mm



04.155.35
3.5 mm



04.155.40
4.0 mm

MAGILL
04.155.99
stylet for aspiration tubes



MILLIN
04.157.00



04.190.17
17 cm

04.190.20
20 cm

04.190.25
25 cm

MAGILL
04.190.17 - 04.190.25



McINTOSH

set / 3	**04.203.00**
set / 3 c.l.	**04.203.01**
set / 4	**04.204.00**
set / 4 c.l.	**04.204.01**



fig. 0



fig. 1



fig. 2



fig. 3



fig. 4

McINTOSH

	cm	*normal*	*cold light*
fig. 0	5.5	**04.210.00**	**04.211.00**
fig. 1	7.5	**04.210.01**	**04.211.01**
fig. 2	9.0	**04.210.02**	**04.211.02**
fig. 3	11.0	**04.210.03**	**04.211.03**
fig. 4	13.5	**04.210.04**	**04.211.04**



fig. 0



fig. 1



fig. 2



fig. 3

FOREGGER

	cm	
fig. 0	7.0	**04.220.01**
fig. 1	9.0	**04.220.02**
fig. 2	11.0	**04.220.03**
fig. 3	13.5	**04.220.04**



FOREGGER
04.223.00
fig 2 - 4
04.224.00
fig 1 - 4



GUEDEL NEGUS
04.224.01



GUEDEL NEGUS
04.224.02



MILLER
04.225.00
laryngoscope set



fig 0
fig 1
fig 2
fig 3
fig 4

MILLER
04.226.00 - 04.226.04

mm

fig. 0	*55*	**04.226.00**
fig. 1	*80*	**04.226.01**
fig. 2	*130*	**04.226.02**
fig. 3	*170*	**04.226.03**
fig. 4	*180*	**04.226.04**



ø mm

28	**04.234.28**
37	**04.234.37**



cold light
04.238.01



04.239.01



04.239.02



04.240.00

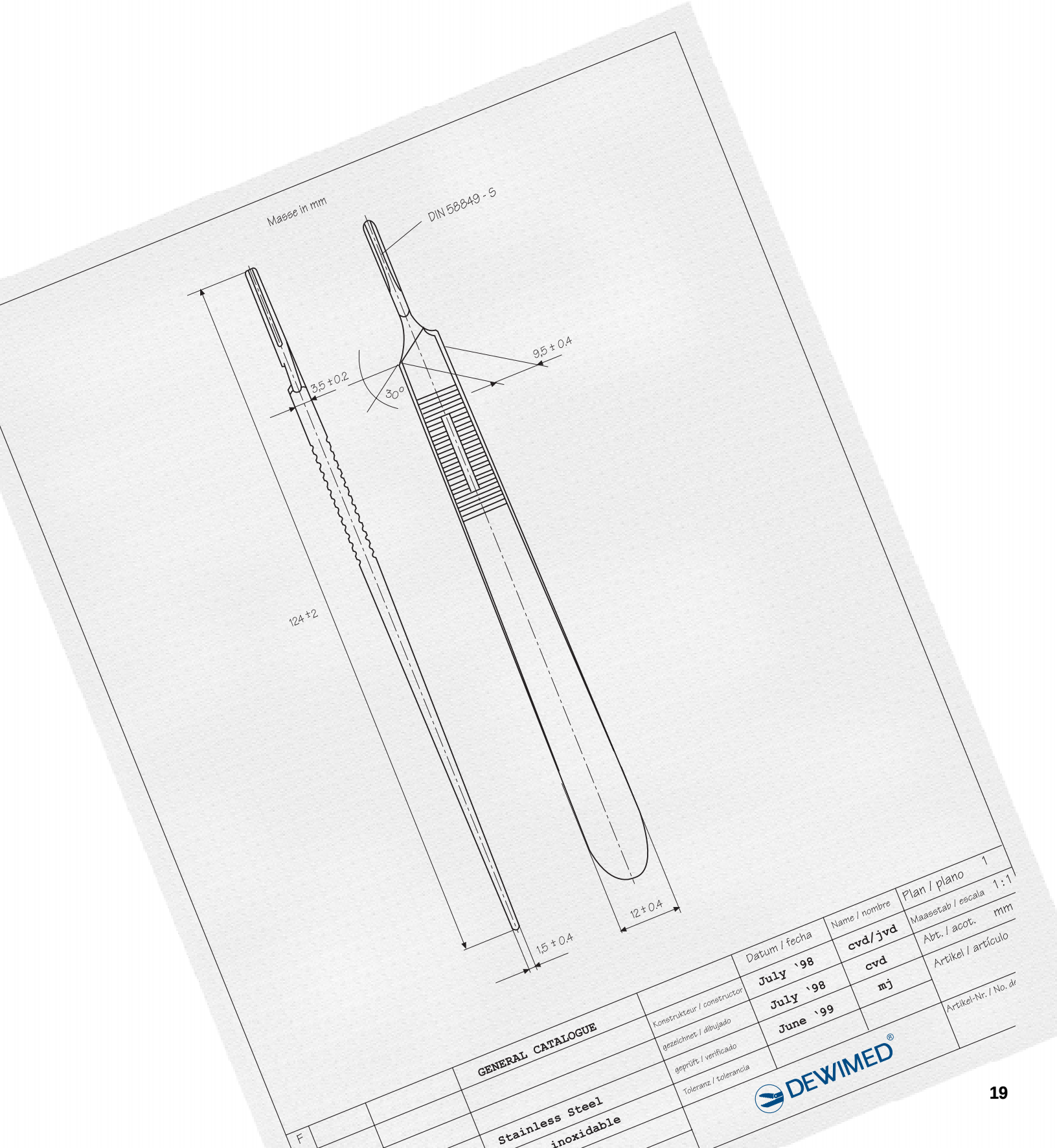
ETHER

Throughout history of medicine, many substances or preparations have been found to alleviate the pain involved in surgical procedures.
Ether $(CH_3, CH_2)_2O$, was discovered in 1275 by the Spanish chemist Raymundus Lullius, he called it "Sweet Vitriol".
In1540 the Swiss physican and alchemist Paracelsus discovered the hypnotic effects of "Sweet Vitriol".
W. G. Frobenius changes in 1730 the name of "Sweet Vitrol" to "Ether".
The first surgical anesthetic use of ether is credited to Dr. Crawford Williamson Long. He used ether for minor surgery.
Dr. Long did not publish his results until 1848, but this was well after Morton W.G.T.'s demonstration.
The first successful demonstration of ether anesthesia occured at the Massachussetts General Hospital on October 16, 1846 administered by Morton.



A través de la historia de la medicina, se han aplicado diferentes tipos de substancias o preparaciones para aliviar el dolor ocasionado en procedimientos quirúrgicos.
El éter $(CH_3 CH_2)_2O$ fue descubierto en 1275 por Raymundus Lullius. Un alquimista español que denominó la substancia descubierta "Vitriolo Dulce",
En 1540 Paracelsus, físico y alquimista suizo, descubre los efectos hipnóticos del "Vitriolo Dulce".
Es hasta en 1730, que el científico alemán W.G. Frobenius cambia el nombre de "Vitriolo Dulce" a "éter".
La primera aplicación anestésica del éter en cirugía fue hecha por Dr. Crawford Williamson Long. Usaba éter en cirugías menores. No publicó sus resultados hasta en 1848.
Sin embargo ésto fue tiempo después de la demostración de W.T.G. Morton.
La primera demostración exitosa en la aplicación de éter como anestesia fue en el Hospital General de Massachusetts el 16 de octubre de 1846 administrado por Morton.

Im Verlauf der Medizingeschichte wurden viele Substanzen und Präparate zur Linderung von Schmerzen bei Chirurgen angewendet . Die Substanz Äther $(CH_3 CH_2)_2O$ wurde 1275 von Raymundus Lullius entdeckt. Der spanische Alchemist nennt diese Substanz "Süßes Vitriol".
1540 erforschte der schweizer Physiker und Alchemist Paracelsus die hypnotische Wirkung des "Süßen Vitriol".
W.G. Frobenius, deutscher Wissenschaftler, taufte 1730 das "Süße Vitriol" auf "Äther" um.
Der erste Anwender von Äther als Anästhesiemittel war Dr. Crawford Williamson Long. Er wandte es bei kleineren Operationen an. Long veröffentlichte seine Resultate erst im Jahre 1848, lange Zeit nach der ersten erfolgreichen Demonstration von W.T.G. Morton.
W.T.G. Morton applizierte erfolgreich Äther als Betäubungsmittel am 16. Oktober 1846 im General Hospital of Massachusetts.


Masse in mm
DIN 58849 - 5
3,5 ± 0.2
30°
9,5 ± 0.4
124 ±2
12 ± 0.4
1,5 ± 0.4
GENERAL CATALOGUE
Stainless Steel
inoxidable
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1 : 1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de
DEWIMED®



06.103.00
fig. 3

06.103.01
fig. 3 graduated

06.103.02
fig. 3 L

06.103.03
fig. 3 R

06.104.00
fig. 4

06.104.02
fig. 4 L

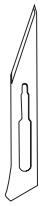
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fig. 5
06.107.00
fig. 7

06.107.01
fig. 7 K

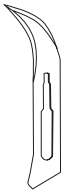
06.108.00
fig. 8

in packages of 100 ea


06.110.00


06.111.00


06.112.00

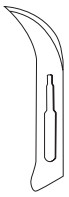

06.112.02


06.113.00


06.114.00


06.115.00


06.115.01

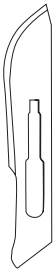

06.116.00


06.117.00


06.118.00


06.119.00

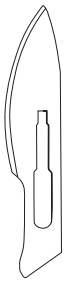

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06.121.00


06.122.00

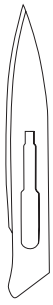

06.123.00


06.124.00


06.124.02


06.125.00


06.134.00


06.136.00


06.136.02



06.210.00 - 06.215.01
in packages of 10 ea



06.210.00
fig. 10



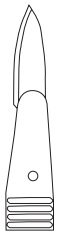
06.211.00
fig. 11



06.212.00
fig. 12



06.212.02
fig. 12d



06.213.00
fig. 13



06.215.00
fig. 15



06.215.01
fig. 15c



06.218.00
fig. 18



06.219.00
fig. 19



06.220.00
fig. 20



06.221.00
fig. 21



06.222.00
fig. 22



06.223.00
fig. 23



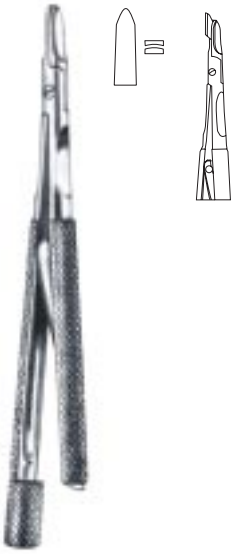
06.224.00
fig. 24



06.225.00
fig. 25



06.218.00 - 06.225.00
in packages of 10 ea



TROUTMAN CHRIS
06.290.09
9 cm



06.291.11
11 cm



CASTROVIEJO
06.294.13
13 cm



06.295.00
11 cm



06.296.00
package of 10 ea



06.302.13



06.304.15



06.306.18



06.308.20



06.402.01 - 06.402.10



06.402.01



06.402.02



06.402.03



06.402.04



06.402.05



06.402.06



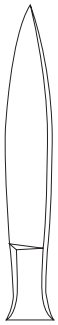
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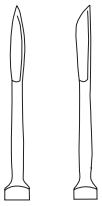
06.402.08



06.402.09



06.402.10



06.408.01 06.408.02



PARKER
06.408.01 - 06.408.02



LANGENBECK
06.410.05
resection knife
length of blade = 5.5 cm
18 cm



LANGENBECK
06.412.05
resection knife
length of blade = 5.5 cm
18 cm

amputating knives



cm	
13	**06.420.13**
16	**06.420.16**
19	**06.420.19**
22	**06.420.22**
28	**06.420.28**

06.420.13 - 06.420.28



cm	
17	**06.430.17**
20	**06.430.20**

LISTON
06.430.17 - 06.430.20



HUMBY
06.480.00
dermatome
31 cm



HUMBY
06.480.01



SCHINK
06.490.00
dermatome
30 cm



06.490.01



06.490.02



06.494.00
razor



06.496.10
razor



ARKANSAS
06.499.00
oil stone
150 x 50 mm



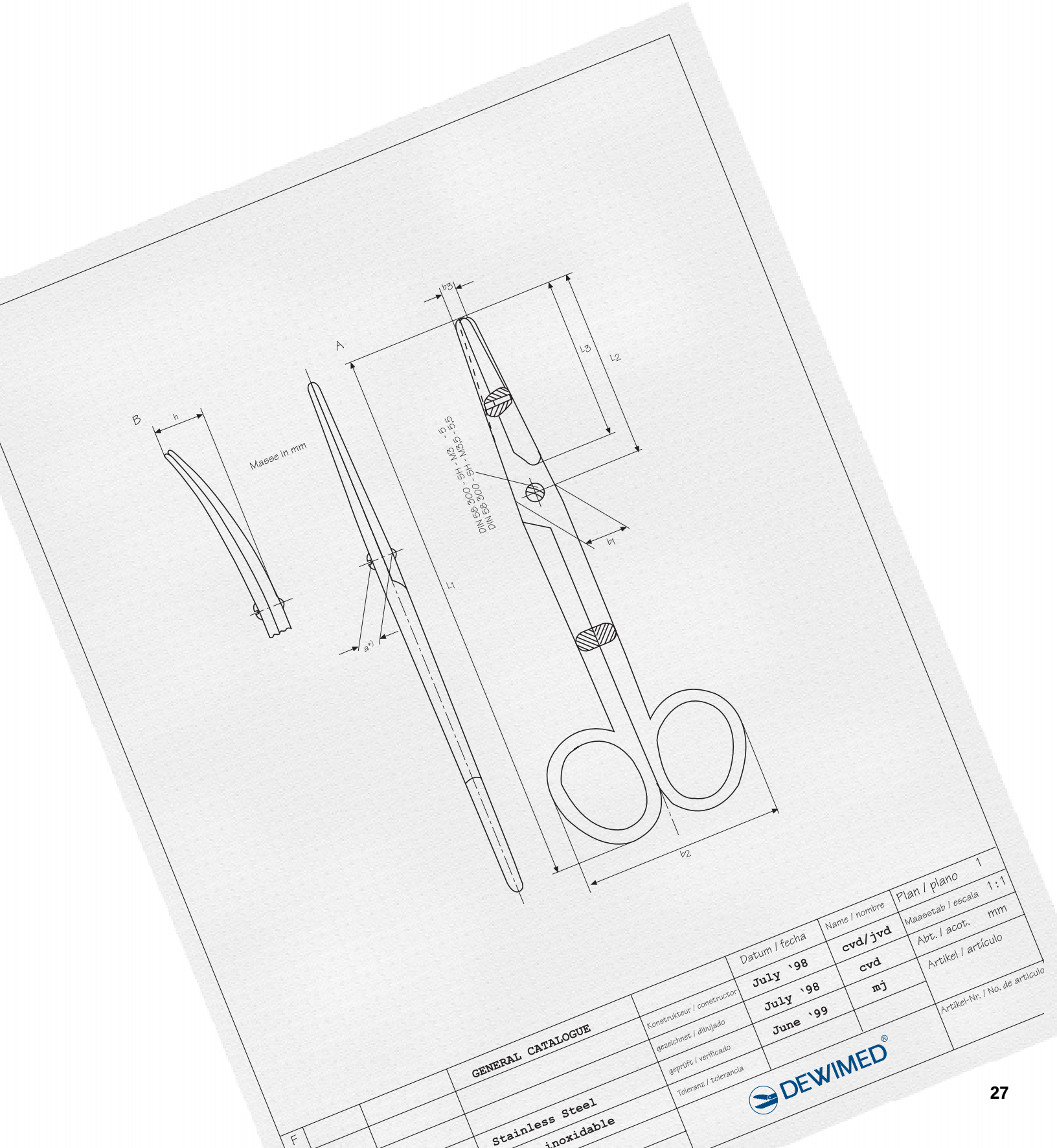
VIRCHOW
06.960.25
cartilage, brain knife



cm

16	**06.980.16**
20	**06.980.20**
24	**06.980.24**

06.980.16 - 06.980.24
cartilage, brain knife


B
h
Masse in mm
A
b3
L3
L2
DIN 58 300 - GH - M3 - 3,5
DIN 58 300 - GH - M3,5 - 3,5
b1
L1
a°)
b2
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
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Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
inoxidable
DEWIMED®

DewiCut



DewiCut

Excellent cutting efficiency

- Stainless Steel and Tungsten Carbide (TC)
- Extra hardened for lasting performance
- The DewiCut scissor garantizes a fine minimally traumatizing cut

DewiCut Tungsten Carbide (TC)

The Tungsten Carbide inserts are for smooth and controlled cutting longlife cutting and solid and soft function.

DewiCut

Alta eficiencia de corte

- En acero inoxidable y carburo de tungsteno (TC)
- Endurecido para proporcionar al instrumento rendimiento permanente
- Las tijeras DewiCut garantizan un corte fino mínimamente traumatizante

DewiCut carburo de tungsteno (TC)

Los filos de carburo de tungsteno proporcionan corte altamente agudo filo duradero y accionamiento suave con corte exacto.

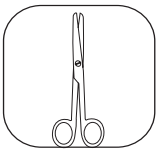
DewiCut

Optimale Schneidefähigkeit

- Aus Edelstahl und Hartmetall (TC)
- Extra gehärtet für dauerhafte Leistung
- Die DewiCut Schere gewährleistet einen feinen minimal traumatisierenden Schnitt

DewiCut Hartmetall (TC)

Die Hartmetalleinsätze garantieren einen scharfen Operationsschnitt, verlässlichen Dauerschliff und exakten aber weichen Gang.



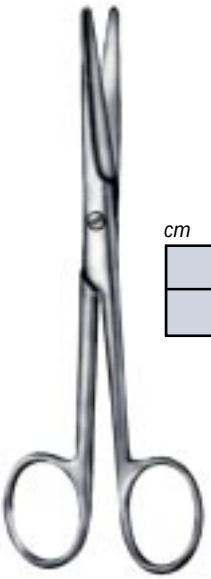






07.110.14 **07.111.14**

07.110.14 - 07.111.14
14.5 cm







cm

14.5	**07.160.14**	**07.161.14**
17.0	**07.160.17**	**07.161.17**

MAYO
07.160.14 - 07.161.17







07.160.23 **07.161.23**

MAYO HARRINGTON
07.160.23 - 07.161.23
23 cm



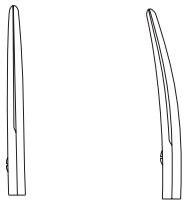




07.164.17 TC **07.165.17 TC**

MAYO
07.164.17 TC - 07.165.17 TC
17 cm



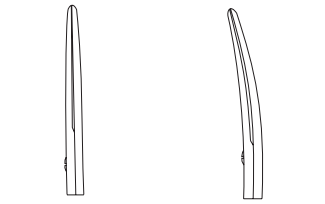


cm

15	07.170.15	07.171.15
17	07.170.17	07.171.17

MAYO STILLE
07.170.15 - 07.171.17

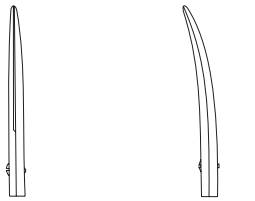




07.174.17 TC **07.175.17 TC**

MAYO STILLE
07.174.17 TC - 07.175.17 TC
17 cm





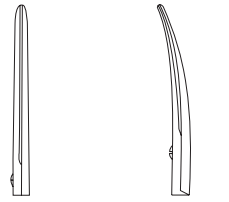
07.190.16 **07.191.16**

LEXER
07.190.16 - 07.191.16
16 cm



LEXER
07.195.16 TC
16 cm

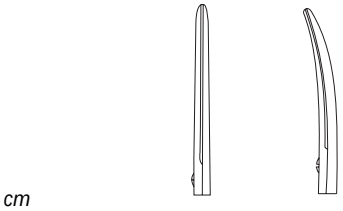




07.280.11 **07.281.11**

METZENBAUM baby
07.280.11 - 07.281.11
11.5 cm

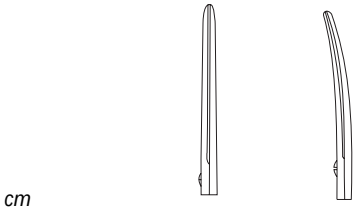




cm		
15	07.280.15	07.281.15
18	07.280.18	07.281.18
20		07.281.20
23	07.280.23	07.281.23

METZENBAUM
07.280.15 - 07.281.23





cm		
15	07.282.15	07.283.15
18		07.283.18
23		07.283.23

METZENBAUM
07.282.15 - 07.283.23



cm	
15	07.285.15 TC
18	07.285.18 TC
23	07.285.23 TC

METZENBAUM
07.285.15 TC - 07.285.23 TC



METZENBAUM
07.287.18 TC
18 cm







07.320.15 07.321.15

REYNOLDS
07.320.15 - 07.321.15
15 cm







07.340.11 07.341.11

07.340.11 - 07.341.11
10.5 cm







07.344.11 TC 07.345.11 TC

07.344.11 TC - 07.345.11 TC
11.5 cm







07.362.11 07.363.11

STEVENS
07.362.11 - 07.363.11
10.5 cm







07.374.11 TC 07.375.11TC

07.374.11 TC - 07.375.11 TC
12 cm



HEYMANN
07.401.18
17 cm

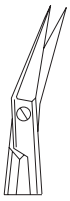


FOMON
07.403.15
13 cm

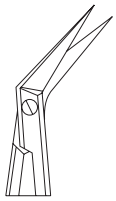


COTTLE
07.405.16
16 cm

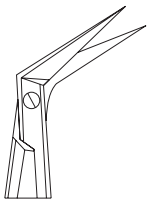




07.480.25
25º

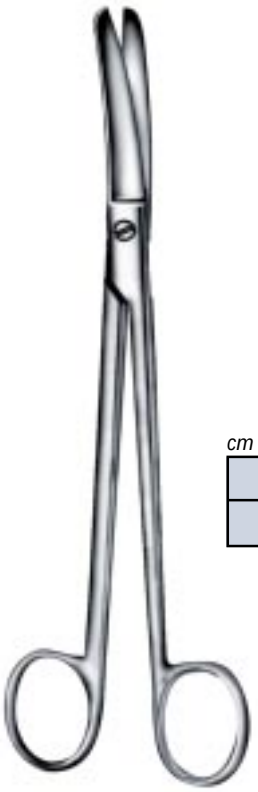


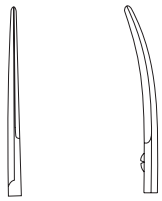
07.480.45
45º



07.480.60
60º

POTTS SMITH
07.480.25 - 07.480.60
19 cm





cm		
20	**07.510.20**	**07.511.20**
23		**07.511.23**

SIMS
07.510.20 - 07.511.23



SIEBOLD
07.523.24
24.5 cm



BRAUN STADLER
07.560.14
15 cm
07.560.22
21 cm



07.824.12

07.825.12

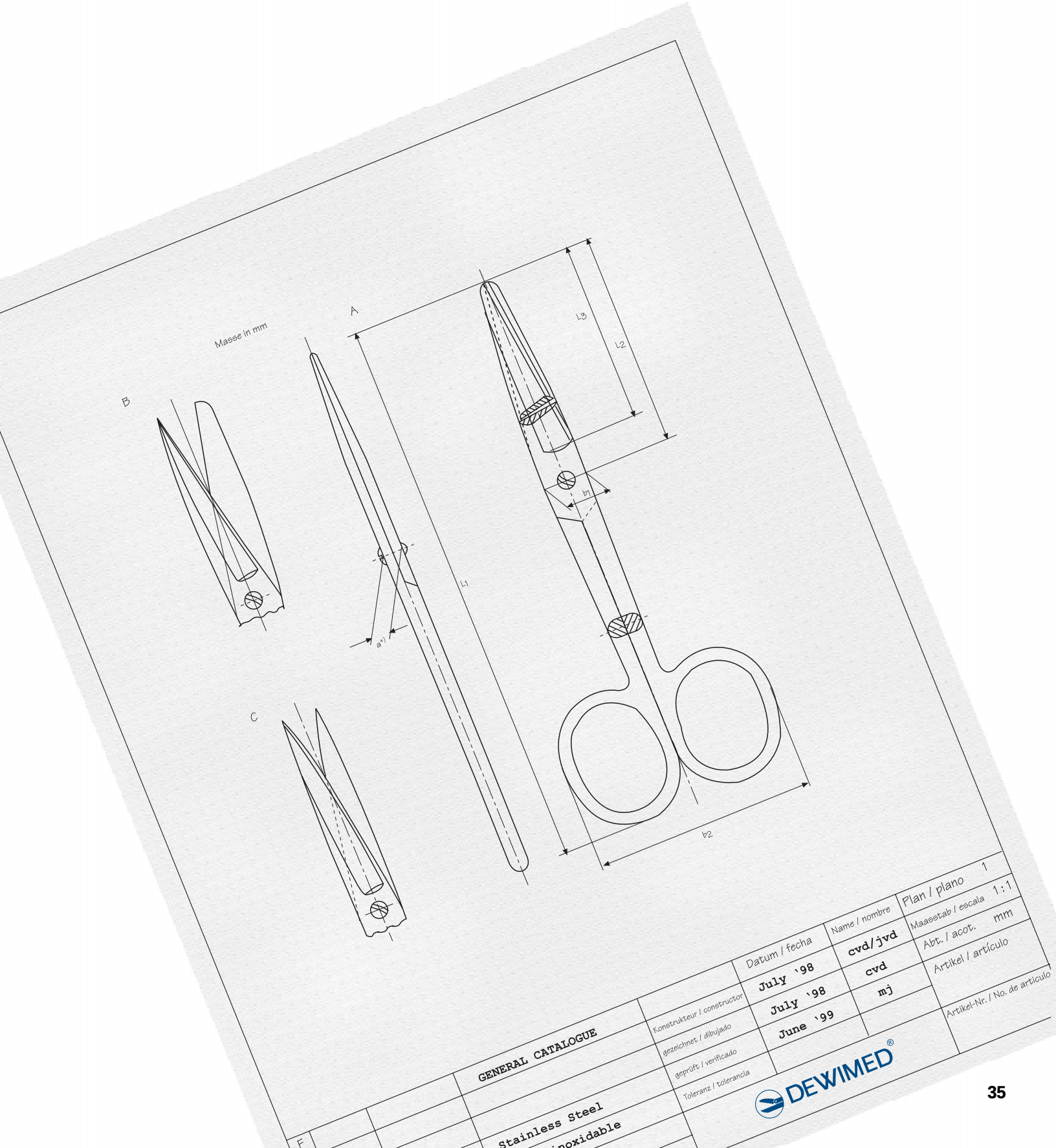
WAGNER
07.824.12 - 07.825.12
12 cm



cm

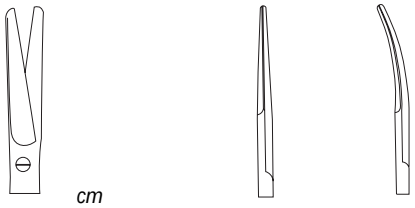
14	**07.901.14**
18	**07.901.18**
20	**07.901.20**

LISTER
07.901.14 - 07.901.20

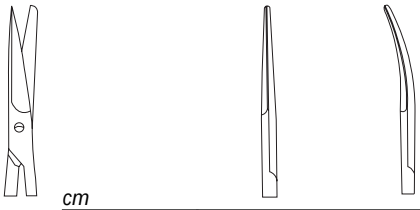

Masse in mm
A
B
C
L1
L2
L3
b1
b2
a1)
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



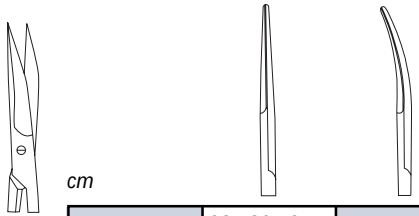
standard
08.102.10 - 08.125.18 TC



cm		
10.5	08.102.10	
11.5	08.102.11	08.103.11
13.0	08.102.13	08.103.13
14.5	08.102.14	08.103.14
15.5	08.102.15	08.103.15
16.5	08.102.16	08.103.16
18.5	08.102.18	08.103.18
20.0	08.102.20	08.103.20
14.5 TC	08.104.14 TC	08.105.14 TC
16.5 TC	08.104.16 TC	08.105.16 TC
18.5 TC	08.104.18 TC	08.105.18 TC



cm		
10.5	08.110.10	
11.5	08.110.11	08.111.11
13.0	08.110.13	08.111.13
14.5	08.110.14	08.111.14
15.5	08.110.15	08.111.15
16.5	08.110.16	08.111.16
18.5	08.110.18	08.111.18
20.0	08.110.20	08.111.20
14.5 TC	08.114.14 TC	08.115.14 TC
16.5 TC	08.114.16 TC	08.115.16 TC
18.5 TC	08.114.18 TC	08.115.18 TC



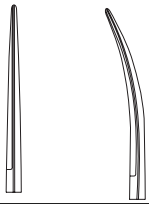
cm		
10.5	08.120.10	
11.5	08.120.11	08.121.11
13.0	08.120.13	08.121.13
14.5	08.120.14	08.121.14
15.5	08.120.15	08.121.15
16.5	08.120.16	08.121.16
14.5 TC	08.124.14 TC	08.125.14 TC
16.5 TC	08.124.16 TC	08.125.16 TC
18.5 TC	08.124.18 TC	08.125.18 TC



08.128.14
14 cm



DEAVER
08.130.14 - 08.151.14
14 cm



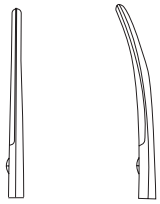
blunt / blunt	**08.130.14**	**08.131.14**
sharp / blunt	**08.140.14**	**08.141.14**
sharp / sharp	**08.150.14**	**08.151.14**
blunt / blunt TC	**08.134.14 TC**	**08.135.14 TC**
sharp / blunt TC	**08.144.14 TC**	**08.145.14 TC**



MAYO
08.158.17
17 cm



MAYO
08.160.14 - 08.165.23 TC



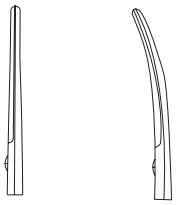
cm

14.5	**08.160.14**	**08.161.14**
17.0	**08.160.17**	**08.161.17**
23.0	**08.160.23**	**08.161.23**
14.5 TC	**08.164.14 TC**	**08.165.14 TC**
17.0 TC	**08.164.17 TC**	**08.165.17 TC**
23.0 TC	**08.164.23 TC**	**08.165.23 TC**



MAYO STILLE
08.166.16
16 cm



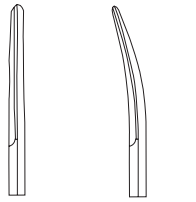


cm

15.0	**08.170.15**	**08.171.15**
17.0	**08.170.17**	**08.171.17**
15.0 TC	**08.174.15 TC**	**08.175.15 TC**
17.0 TC	**08.174.17 TC**	**08.175.17 TC**

MAYO STILLE
08.170.15 - 08.175.17 TC





08.180.17 **08.181.17**

MAYO NOBLE
08.180.17 - 08.181.17
17 cm



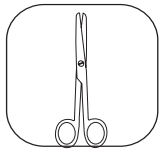
cm

16	**08.190.16**	**08.191.16**
21	**08.190.21**	**08.191.21**
16 TC	**08.194.16 TC**	**08.195.16 TC**
21 TC	**08.194.21 TC**	**08.195.21 TC**

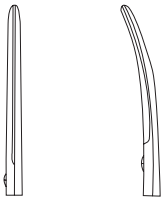
LEXER
08.190.16 - 08.195.21 TC



LEXER
08.197.16
16 cm

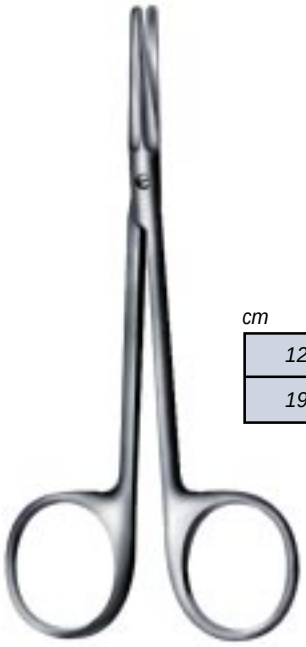


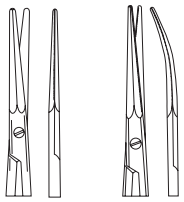




cm		
10	08.202.10	08.203.10
10 TC	08.206.10 TC	08.207.10 TC

LEXER baby
08.202.10 - 08.207.10 TC
10 cm

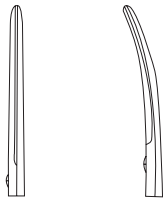




cm		
12.5	08.212.12	
19.5	08.212.19	08.213.19

GORNEY
08.212.12 - 08.213.19

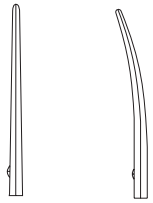




cm		
15	08.280.15	08.281.15
18	08.280.18	08.281.18
20	08.280.20	08.281.20
23	08.280.23	08.281.23
25	08.280.25	08.281.25
28	08.280.28	08.281.28
30	08.280.30	08.281.30

METZENBAUM
08.280.15 - 08.281.30

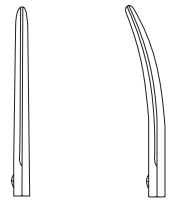




cm		
15	08.282.15	08.283.15
18	08.282.18	08.283.18
20	08.282.20	08.283.20
23	08.282.23	08.283.23

METZENBAUM
08.282.15 - 08.283.23

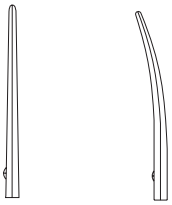




cm		
15	08.284.15 TC	08.285.15 TC
18	08.284.18 TC	08.285.18 TC
20	08.284.20 TC	08.285.20 TC
23	08.284.23 TC	08.285.23 TC
25	08.284.25 TC	08.285.25 TC
28	08.284.28 TC	08.285.28 TC
30	08.284.30 TC	08.285.30 TC

METZENBAUM
08.284.15 TC - 08.285.30 TC





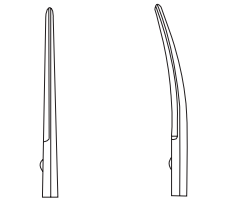
cm		
15	08.286.15 TC	08.287.15 TC
18	08.286.18 TC	08.287.18 TC
20	08.286.20 TC	08.287.20 TC
23	08.286.23 TC	08.287.23 TC
25	08.286.25 TC	08.287.25 TC
28	08.286.28 TC	08.287.28 TC

METZENBAUM
08.286.15 TC - 08.287.28 TC



METZENBAUM
08.291.18 - 08.295.18 TC
18 cm

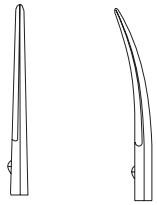




08.302.14 **08.303.14**

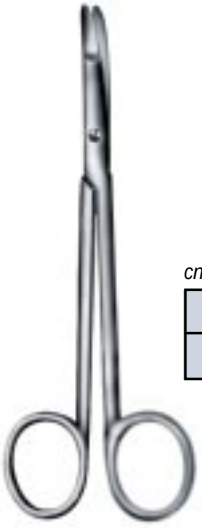
SANVENERO
08.302.14 - 08.303.14
14 cm





08.304.14 **08.305.14**

JOSEPH
08.304.14 - 08.305.14
14 cm
plastic

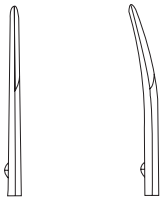




cm		
12	08.310.12	08.314.12 TC
15	08.310.15	08.314.15 TC

KILNER
08.310.12 - 08.314.15 TC
plastic





cm		
15	08.320.15	08.321.15
18		08.321.18
15 TC	08.324.15 TC	08.325.15 TC

REYNOLDS
08.320.15 - 08.325.18 TC





08.324.09



08.325.09

iris
08.324.09 - 08.325.09
9 cm



08.326.10



08.327.10



iris
08.326.10 - 08.327.10
10 cm



08.328.10



08.329.10



iris
08.328.10 - 08.329.10
10 cm



08.331.09

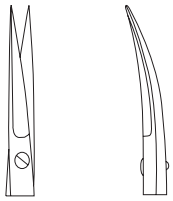


08.333.09



iris
08.331.09 - 08.333.09
9 cm

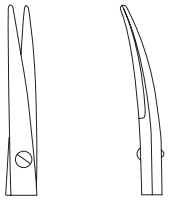




08.336.10 **08.337.10**

KNAPP
08.336.10 - 08.337.10
10 cm

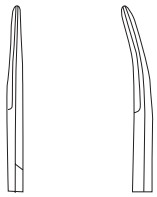




08.338.10 **08.339.10**

KNAPP
08.338.10 - 08.339.10
10 cm

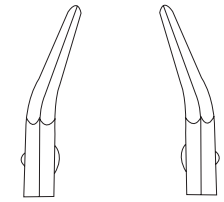




cm		
9	**08.340.09**	**08.341.09**
11	**08.340.11**	**08.341.11**
11 TC	**08.344.11 TC**	**08.345.11 TC**

iris standard
08.340.09 - 08.345.11 TC





08.349.09
right

08.347.09
left

AEBLI
08.347.09 - 08.349.09
9 cm



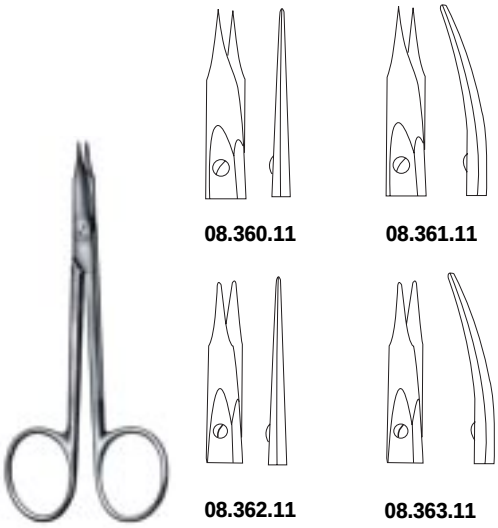
GRAEFE
08.349.11
10.5 cm



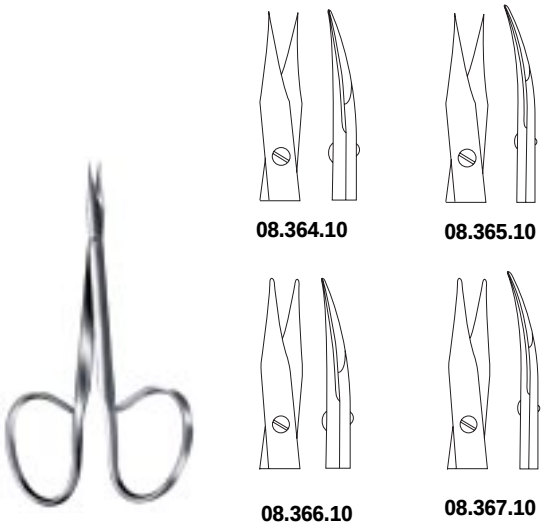
BONNEYE
08.350.08 - 08.351.08
8 cm



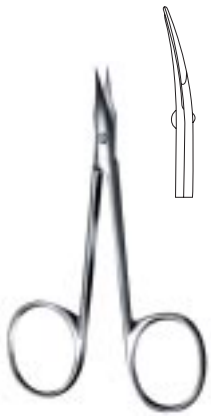
FIREEYE
08.352.11 - 08.353.11
11 cm



STEVENS
08.360.11 - 08.363.11
11 cm



STEVENS
08.364.10 - 08.367.10
10 cm



08.369.10
10 cm



08.369.12
12 cm





08.370.11
08.374.11 TC



08.371.11
08.375.11 TC

strabismus
08.370.11 - 08.375.11 TC
11 cm





08.381.11



08.383.11

08.381.11 - 08.383.11
11 cm



HEYMANN
08.401.18
18 cm



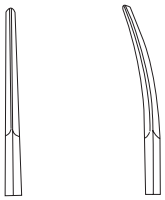
FOMON
08.403.15
15 cm



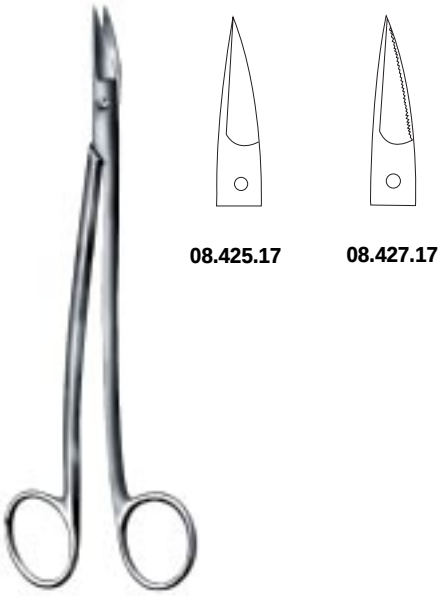
COTTLE
08.405.16
16 cm



BEUSE
08.420.14 - 08.421.18



cm		
14	**08.420.14**	**08.421.14**
18	**08.420.18**	**08.421.18**



08.425.17 **08.427.17**

DEAN
08.425.17 - 08.427.17
17 cm



BOETTCHER
08.435.18
18 cm



GOOD
08.437.19
19 cm



PRINCE
08.439.17
17 cm



08.468.15
15 cm



08.470.11
11 cm



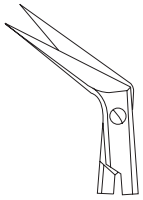
POTTS DE MARTEL
08.473.21
21 cm
08.473.24
24 cm



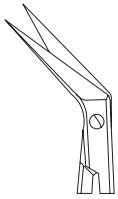
MILLS
08.475.22
22 cm



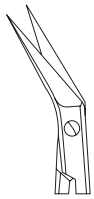
POTTS SMITH
08.480.25 - 08.484.60 TC
19 cm



08.480.25 - 08.484.25 TC
25º

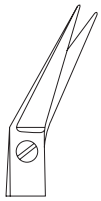


08.480.40 - 08.484.40 TC
40º

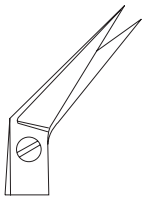


08.480.60 - 08.484.60 TC
60º

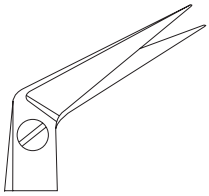




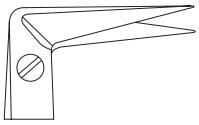
08.486.25
25º



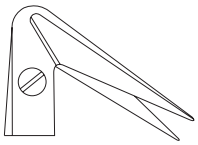
08.486.45
45º



08.486.60
60º



08.486.90
90º



08.487.25
125º

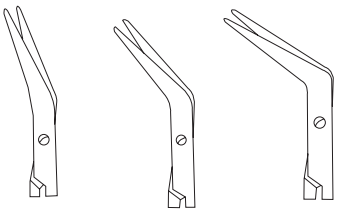
DIETHRICH
08.486.25 - 08.487.25
18 cm



DIETHRICH
08.488.25
125º
18 cm



DE BAKEY
08.490.16 - 08.492.28

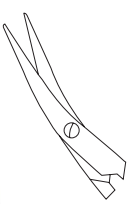


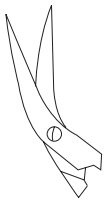
cm	*25º*	*45º*	*60º*
16	**08.490.16**	**08.491.16**	**08.492.16**
23	**08.490.23**	**08.491.23**	**08.492.23**
28	**08.490.28**	**08.491.28**	**08.492.28**



DE BAKEY
08.493.23 TC
45º
22 cm





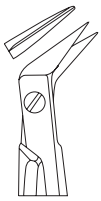


08.495.15

08.497.15

DE BAKEY
08.495.15 - 08.497.15
15 cm





DE BAKEY
08.498.19
19 cm





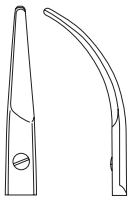


08.501.22
22.5 cm

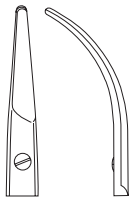
08.501.23
23 cm

08.501.22 - 08.501.23





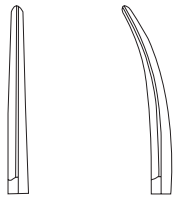
08.505.22 TC
22.5 cm



08.505.23 TC
23 cm

08.505.22 TC - 08.505.23 TC





cm

20	08.510.20	08.511.20
23	08.510.23	08.511.23
23	08.514.23 TC	08.515.23 TC

SIMS
08.510.20 - 08.515.23 TC



SIEBOLD
08.523.24
24.5 cm

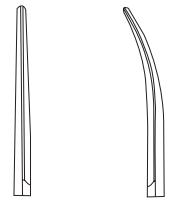


WERTHEIM
08.525.22
23 cm



WERTHEIM
08.527.22 TC
23 cm





08.530.17

08.531.17

DOYEN
08.530.17
16 cm
08.531.17
18 cm



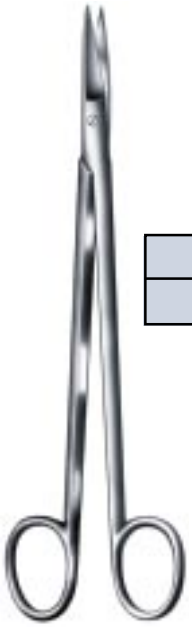
DUBOIS
08.536.27 - 08.537.27



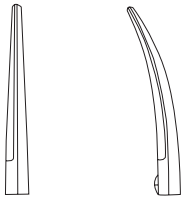
08.536.27
25 cm



08.537.27
27 cm



KELLY
08.540.16 - 08.541.18



16	**08.540.16**	**08.541.16**
18	**08.540.18**	**08.641.18**



08.550.10
10.5 cm



BUSCH
08.551.16
13.5 cm



SCHUMACHER
08.553.16
15.5 cm



BRAUN STADLER
08.560.14
14.5 cm
08.560.22
22.5 cm



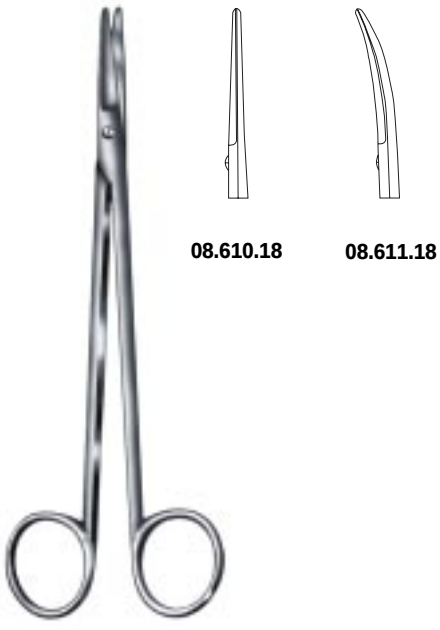
08.580.11 - 08.581.11
11 cm

08.582.11
11 cm



08.582.15 - 08.583.15
15 cm

STRULLY
08.601.22
22 cm



TOENNIS ADSON
08.610.18 - 08.611.18
18 cm



TOENNIS ADSON
08.613.17
17 cm



McINDOE
08.614.19
18.5 cm



MARTIN
08.615.13
13 cm
08.615.20
20 cm



DANDY
08.617.17
17 cm



SCHMEIDEN TAYLOR
08.619.17
16 cm



WILLAUER
08.641.27
27 cm



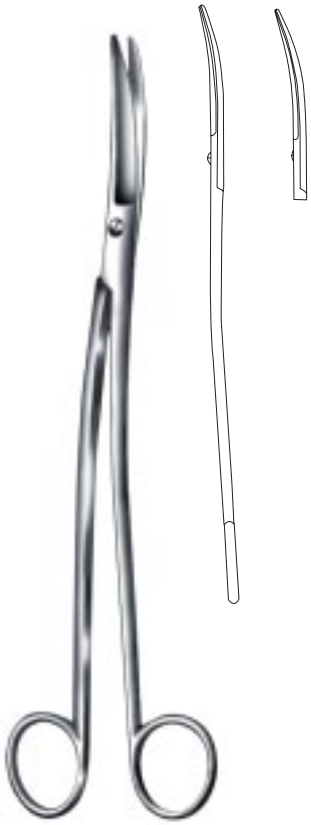
CRAFOORD
08.641.30
30 cm



THOREK
08.643.18
19 cm
08.643.25
25 cm



SATINSKY
08.651.24
24 cm



KLINKENBERGH LOTH
08.661.23
23 cm



FINOCHIETTO
08.663.27
28 cm



08.770.21
21 cm



08.772.21
21 cm



08.774.21
21 cm



SPENCER
08.802.09
9 cm



SPENCER
08.802.11
11.5 cm



NORTHBENT SPENCER
08.803.13
12 cm



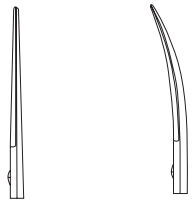
LITTAUER
08.804.14
13.5 cm



HEATH
08.809.15
15 cm



GOLDMAN FOX
08.820.13 - 08.821.13 TC
13 cm



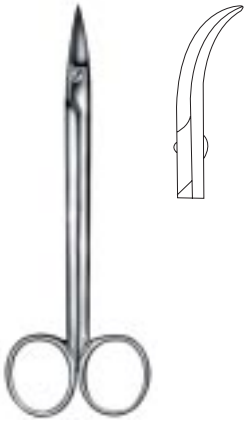
cm

13	**08.820.13**	**08.821.13**
13 TC	**08.822.13 TC**	**08.823.13 TC**



08.824.12 08.825.12

WAGNER
08.824.12 - 08.825.12
12 cm



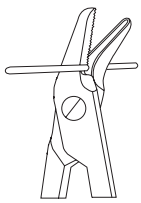
QUINBY
08.827.12
13 cm

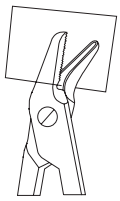


08.850.10 - 08.851.10

BEEBEE
08.850.10 - 08.851.10
10.5 cm







08.831.12 **08.835.12 TC**

08.831.12 - 08.835.12 TC
12 cm



SMITH US
08.898.20
18 cm



cm	
9	08.901.09
11	08.901.11
14	08.901.14
18	08.901.18
20	08.901.20

LISTER
08.901.09 - 08.901.20



cm	
14	08.905.14 TC
18	08.905.18 TC
20	08.905.20 TC

LISTER
08.905.14 TC - 08.905.20 TC



BERGMANN
08.911.23
23 cm

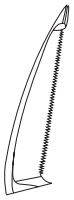


ESMARCH
08.913.20
20 cm
08.913.22
22 cm



KNOWLES
08.930.14
14 cm





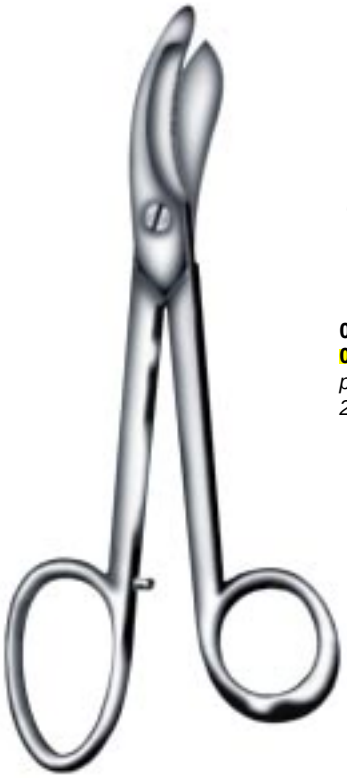




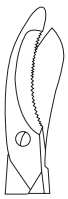
08.921.16
16 cm
08.921.19
19 cm

LORENZ
08.933.23
24 cm

08.941.20
21 cm







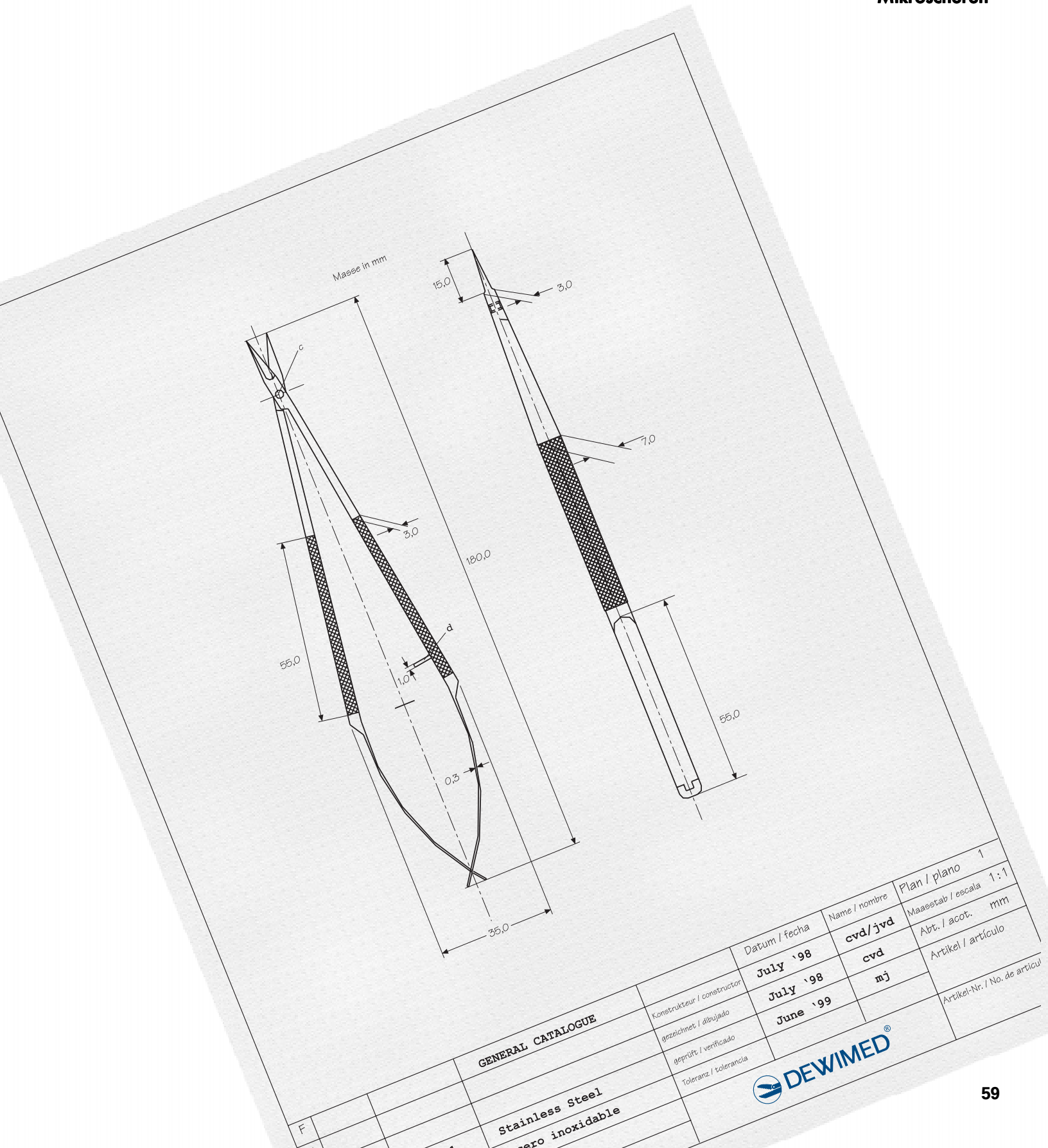
08.935.23
08.939.23 TC
plain
23.5 cm

08.937.23
serrated
23.5 cm



BRUNS
08.935.23 - 08.939.23 TC
23.5 cm

08.950.15
14.5 cm
08.950.18
18 cm


Masse in mm
15,0
3,0
c
7,0
3,0
180,0
d
55,0
1,0
0,3
55,0
35,0
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícul
Stainless Steel
DEWIMED®



McPHERSON
WESTCOTT
09.102.10
10 cm



WESTCOTT
09.102.11
11 cm



McPHERSON
WESTCOTT
09.104.10
10 cm



WESTCOTT
09.104.11
11 cm



WESTCOTT
09.106.11
11 cm



WESTCOTT
09.107.11
11 cm



09.108.10
10 cm



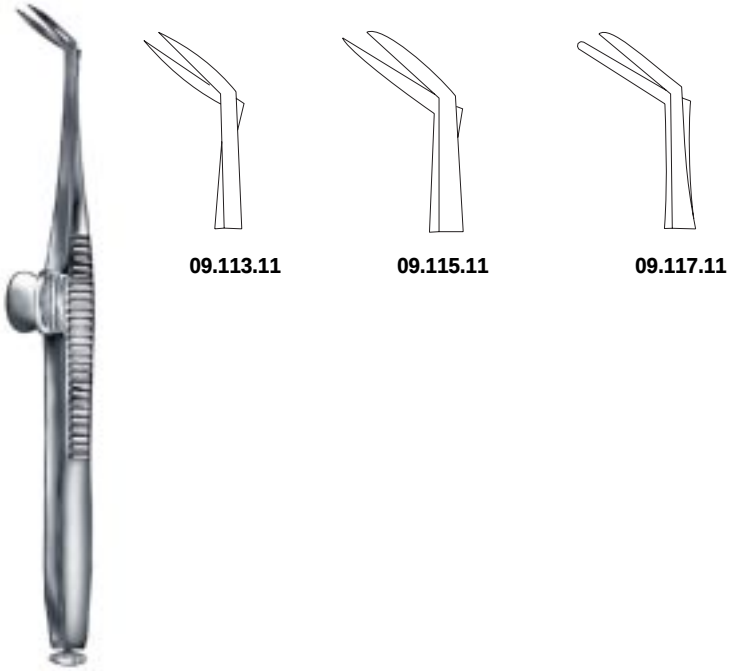
NOYES
09.110.12
12cm



NOYES
09.111.12
12 cm



WECKER
09.113.07
11 cm / 7 mm



09.113.11 **09.115.11** **09.117.11**

WECKER
09.113.11 - 09.117.11
11 cm



NOYES
09.113.12
12 cm



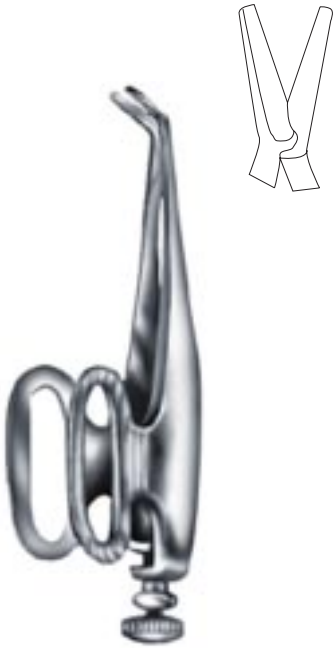
WECKER
09.115.07
11 cm
tip 7 mm



WECKER
09.116.11
11 cm
tip 11 mm



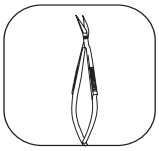
WECKER
09.117.07
11 cm
tip 7 mm



BARRAQUER
09.119.10
10 cm



McGUIRE
09.121.10
10 cm

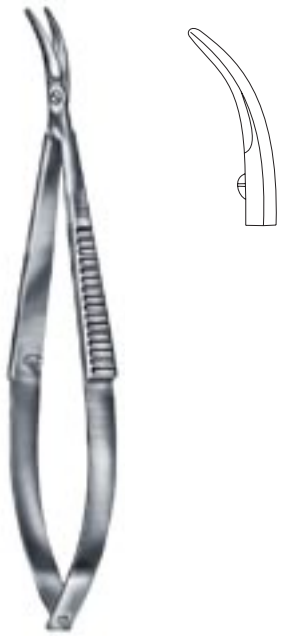




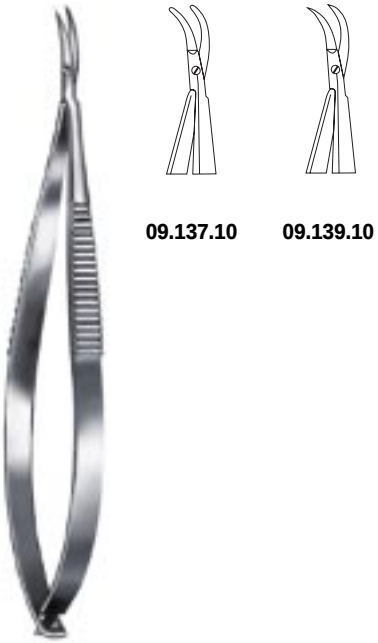
CASTROVIEJO
09.133.09
9 cm



CASTROVIEJO
09.133.10
10 cm

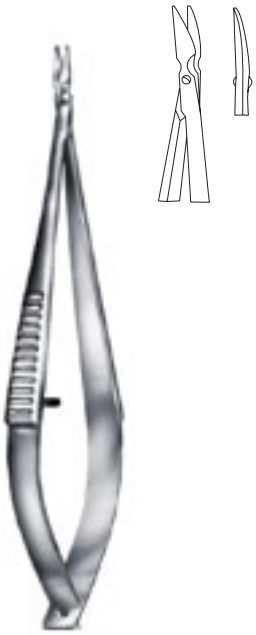


CASTROVIEJO
09.135.10
10 cm



09.137.10 **09.139.10**

CASTROVIEJO
09.137.10 - 09.139.10
10 cm



VANNAS
09.140.08
8 cm



VANNAS
09.141.08
8 cm



GILLS WELSCH
09.142.01
8 cm



GILLS WELSCH
09.142.02
8 cm



GILLS WELSCH
09.142.03
8 cm



GILLS WELSCH
09.142.04
8 cm



09.143.08 **09.144.08**

VANNAS
09.143.08 - 09.144.08
8 cm



CASTROVIEJO
09.151.11
11 cm



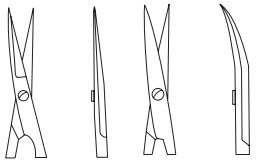
CASTROVIEJO
09.153.11
11 cm



CASTROVIEJO
09.155.11
11 cm



09.202.18 - 09.203.18



cm / mm		
14 / 8		**09.203.14**
18 / 8	**09.202.18**	**09.203.18**



09.220.14
14.50 cm
09.220.18
18 cm



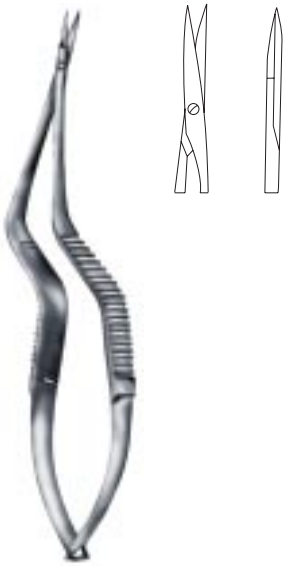
09.220.23
23 cm



09.221.14
14.50 cm
09.221.18
18 cm



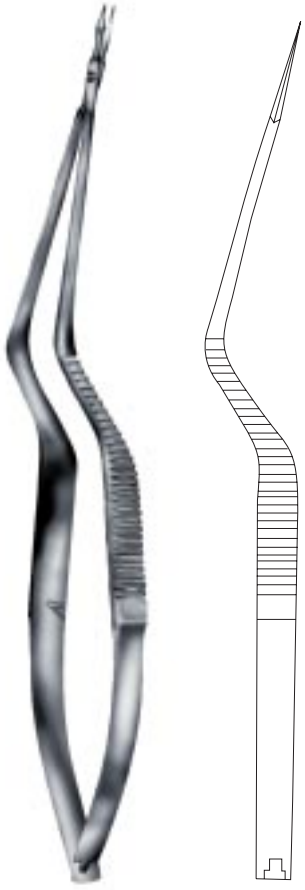
09.223.14
14.50 cm
09.223.18
18 cm



DEWIMED
09.250.16
16.5 cm



DEWIMED
09.250.20
20 cm



DEWIMED
09.250.22
22.5 cm



DEWIMED
09.251.16
16.5 cm



DEWIMED
09.251.20
20 cm



DEWIMED
09.251.22
22.5 cm
09.251.24
24.5 cm



DEWIMED
09.253.20
20 cm
09.253.22
22.5 cm



DEWIMED
09.254.20
20 cm



DEWIMED
09.254.22
22.5 cm



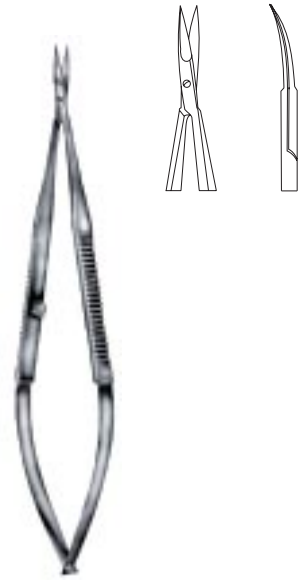
DEWIMED
09.255.20
20 cm



DEWIMED
09.255.22
22.5 cm



09.260.12
12 cm



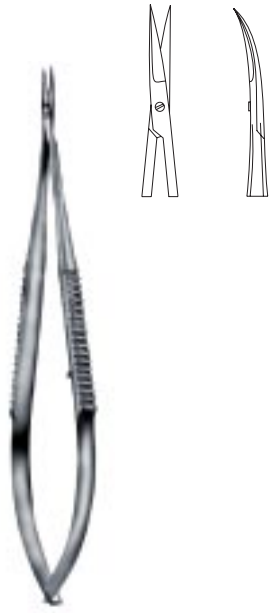
09.260.16
16 cm



DEWIMED
09.260.18
18 cm



DEWIMED
09.261.12
12 cm

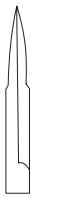


DEWIMED
09.261.16
16 cm

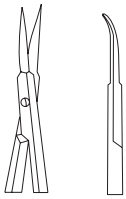


JACOBSON
09.261.18
18.5 cm





09.262.12
12 cm



09.262.16
16 cm

VANNAS
09.262.12 - 09.262.16





09.263.12
12 cm



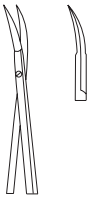
09.263.16
16 cm

VANNAS
09.263.12 - 09.263.16





09.266.18



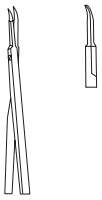
09.267.18

09.266.18 - 09.267.18
18.5 cm





09.268.18



09.269.18

VANNAS
09.268.18 - 09.269.18
18.5 cm

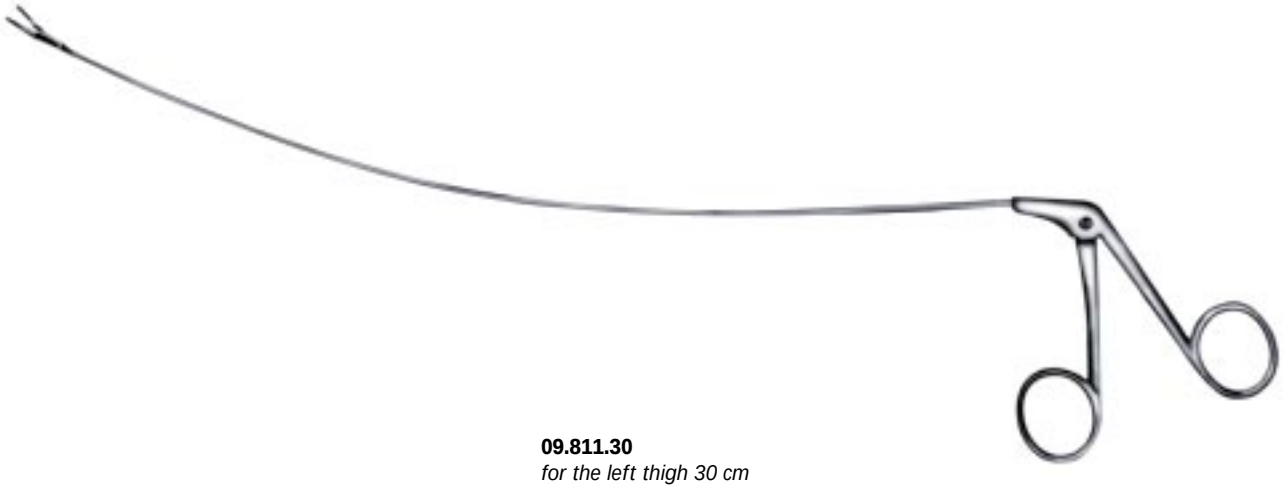
"In-Situ" venous valve scissors
developed for the In-situ saphenous vein by-passof arteries in the lower extremities.



09.810.10
shaft 10 cm



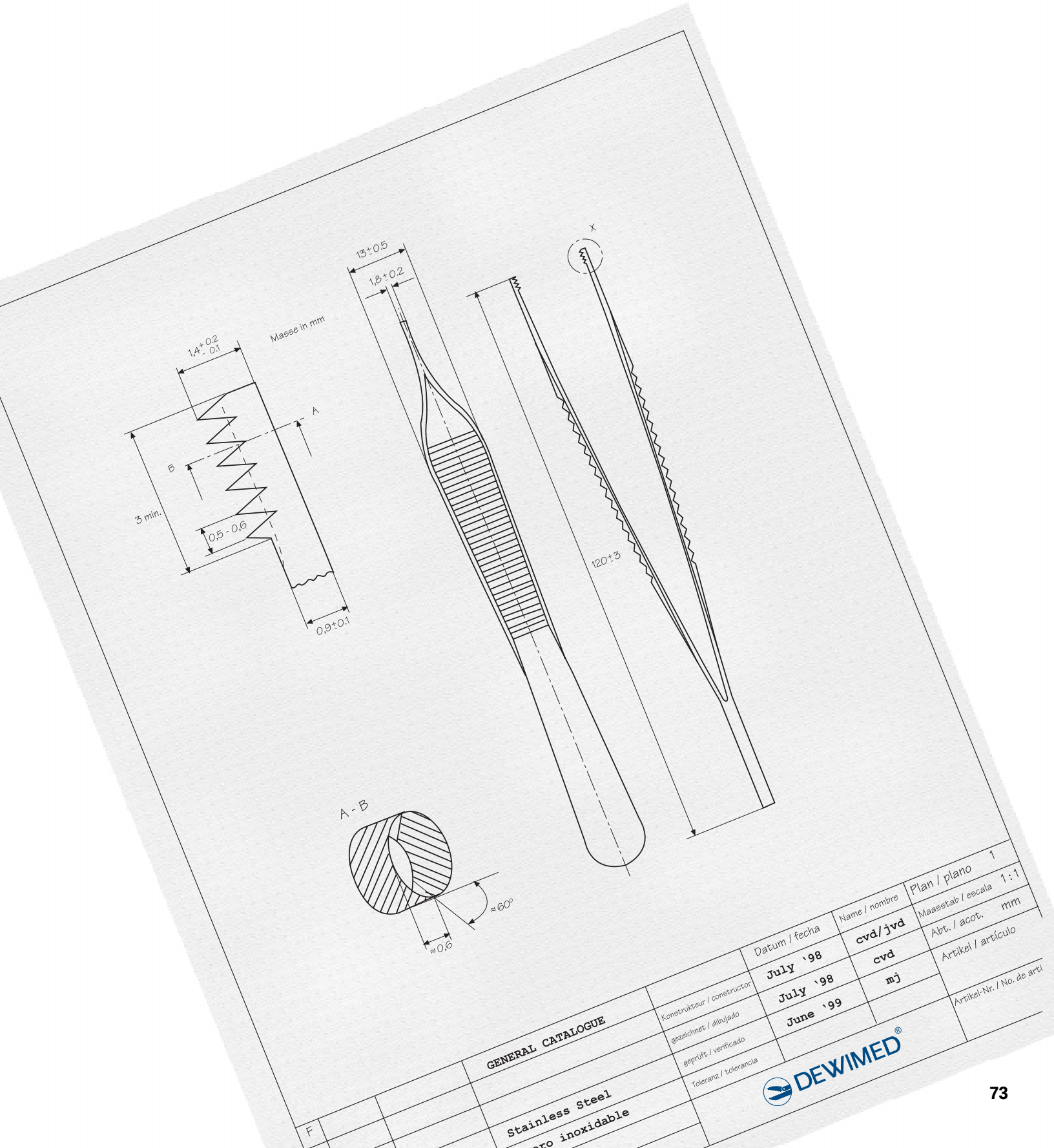
09.810.23
shaft 23 cm



09.811.30
for the left thigh 30 cm



09.813.30
for the right thigh 30 cm

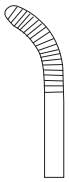

Masse in mm
1,4+0.2 -0.1
A
B
3 min.
0,5 - 0,6
0,9+0.1
13+0.5
1,8+0.2
X
120±3
A - B
≈60°
≈0,6
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de arti



cm	
11.5	**10.102.11**
13.0	**10.102.13**
14.5	**10.102.14**
16.0	**10.102.16**
18.0	**10.102.18**
20.0	**10.102.20**
25.0	**10.102.25**
30.0	**10.102.30**

standard
10.102.11 - 10.102.30





cm	
13.0	**10.103.13**
14.5	**10.103.14**
20.0	**10.103.20**
25.0	**10.103.25**

standard
10.103.13 - 10.103.25



cm	
12	**10.104.12**
13	**10.104.13**
14	**10.104.14**
15	**10.104.15**
18	**10.104.18**
21	**10.104.21**
25	**10.104.25**

USA
10.104.12 - 10.104.25





STILLE
10.106.15
15 cm



cm	
11.5	**10.110.11**
13.0	**10.110.13**
14.5	**10.110.14**
16.0	**10.110.16**
14.5 TC	**10.114.14 TC**
16.0 TC	**10.114.16 TC**

standard
10.110.11 - 10.114.16 TC



cm	
18	10.112.18
21	10.112.21
25	10.112.25
18 TC	10.116.18 TC
21 TC	10.116.21 TC
25 TC	10.116.25 TC

POTTS SMITH
10.112.18 - 10.116.25 TC



cm	
11.5	10.120.11
13.0	10.120.13
14.5	10.120.14
16.0	10.120.16
18.0	10.120.18
20.0	10.120.20
25.0	10.120.25
30.0	10.120.30

standard
10.120.11 - 10.120.30



cm	
12.0	10.122.12
13.0	10.122.13
14.5	10.122.14
15.5	10.122.15
18.5	10.122.18
21.0	10.122.21
25.0	10.122.25

USA
10.122.12 - 10.122.25
1 x 2 teeth



STILLE
10.124.15
15 cm
1 x 2 teeth



cm	
18	10.126.18
21	10.126.21
25	10.126.25

POTTS SMITH
10.126.18 - 10.126.25
1 x 2 teeth





cm	1 x 2 teeth	2 x 3 teeth	4 x 5 teeth	3 x 4 teetn
13.0	10.130.13	10.140.13	10.150.13	10.160.13
14.5	10.130.14	10.140.14	10.150.14	10.160.14
16.0	10.130.16	10.140.16	10.150.16	10.160.16
18.0		10.140.18		
20.0		10.140.20	10.150.20	
25.0		10.140.25		

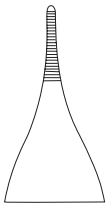
10.130.13 - 10.160.16



cm	1 x 2 teeth
12.5	10.134.12
14.5	10.134.14

10.134.12 - 10.134.14

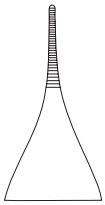




cm	
12	10.170.12
15	10.170.15
12 TC	10.174.12 TC
15 TC	10.174.15 TC

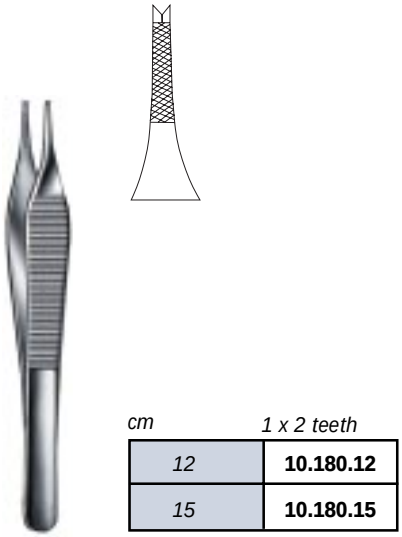
ADSON
10.170.12 - 10.174.15 TC





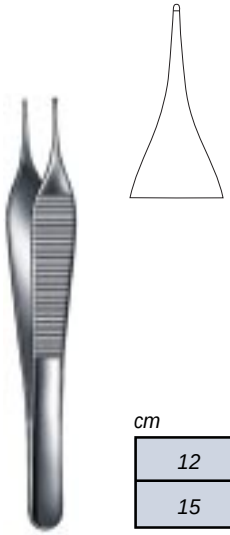
cm	
12	10.176.12
15	10.176.15

ADSON micro
10.176.12 - 10.176.15



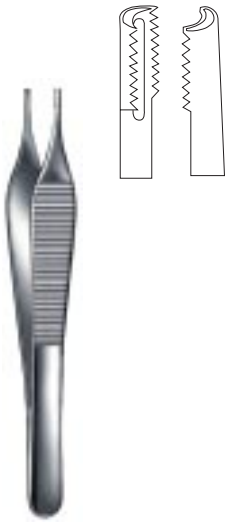
cm	1 x 2 teeth
12	10.180.12
15	10.180.15

ADSON
10.180.12 - 10.180.15



cm	1 x 2 teeth
12	10.186.12
15	10.186.15

ADSON micro
10.186.12 - 10.186.15



ADSON BROWN
10.188.12
7 x 7 teeth

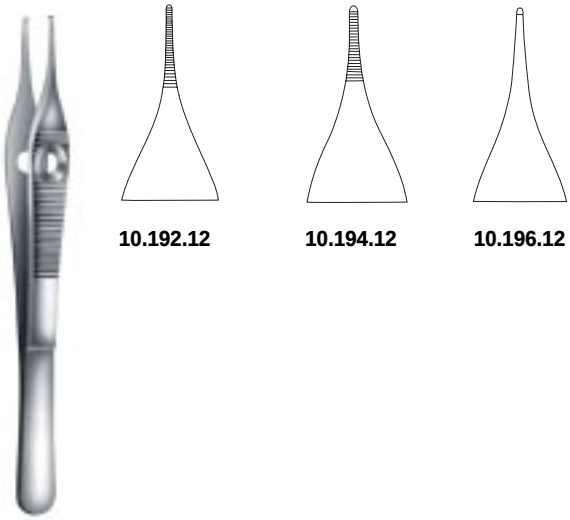


cm	
16	10.189.16
20	10.189.20
25	10.189.25

BROWN
10.189.16 - 10.186.25

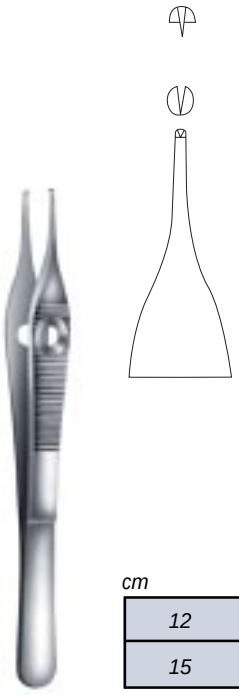


GRAEFE
10.190.10
10 cm



10.192.12 **10.194.12** **10.196.12**

ADSON
10.192.12 - 10.196.12
12 cm
1 x teeth



cm	1 x 2 teeth
12	10.198.12
15	10.198.15

ADSON
10.198.12 - 10.198.15



10.220.17 10.221.17

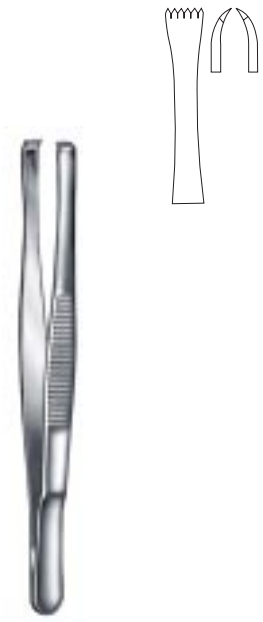
10.224.17 TC

CUSHING
10.220.17 - 10.224.17 TC
17 cm

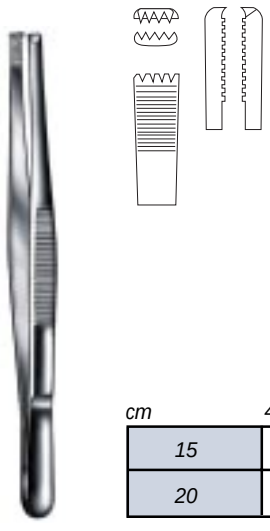


10.230.17 10.231.17

CUSHING
10.230.17 - 10.231.17
17 cm
1 x 2 teeth



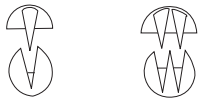
LERCHE
10.232.15
15 cm
5 x 6 teeth



cm	4 x 5 teeth
15	10.236.15
20	10.236.20

ADLERKREUTZ
10.236.15 - 10.236.20





cm	1 x 2 teeth	2 x 3 teeth
14	10.240.14	10.242.14

LANE
10.240.14 - 10.242.14





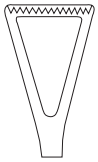
cm	1 x 2 teeth	2 x 3 teeth
18	10.246.18	10.248.18

FERRIS SMITH
10.246.18 - 10.248.18



DUVAL
10.250.14
14 cm





COLLIN DUVAL
10.252.14
20 cm





cm	
15 TC	10.254.15 TC
15	10.258.15

McINDOE
10.254.15 TC - 10.258.15









cm	1 x 2 teeth	2 x 3 teeth
18	10.254.18	10.255.18

BONNEY
10.254.18 - 10.255.18





cm	
15	15.256.15
20	15.256.20
25	15.256.25

russian forceps
10.256.15 - 10.256.25



MAYO russian forceps
10.256.23
23 cm

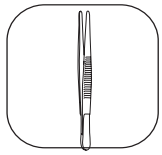






cm		
12	10.260.12	10.261.12
15	10.260.15	10.261.15

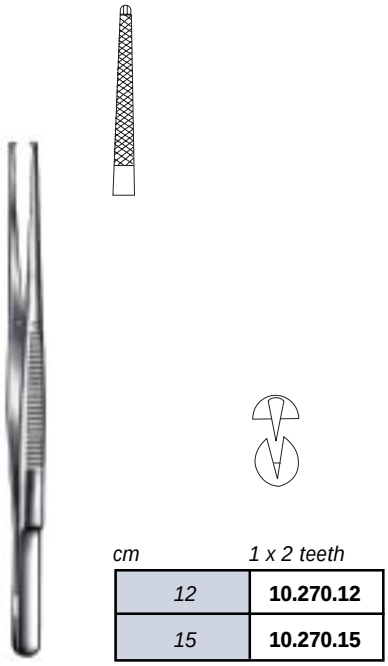
SEMKEN
10.260.12 - 10.261.15





cm	
15	**10.262.15**
20	**10.262.20**

WAUGH
10.262.15 - 10.262.20



cm	1 x 2 teeth
12	**10.270.12**
15	**10.270.15**

SEMKEN
10.270.12 - 10.270.15



GILLIES
10.272.15
15 cm
1 x 2 teeth



cm	
15	**10.282.15**
20	**10.282.20**

WAUGH
10.282.15 - 10.282.20
1 x 2 teeth



GERALD
10.302.18
18 cm



GERALD
10.303.18
18 cm



GERALD
10.305.18
18 cm



GERALD
10.310.18
18 cm
1 x 2 teeth



GERALD
10.311.18
18 cm
1 x 2 teeth



GERALD
10.313.18
18 cm
1 x 2 teeth



TAYLOR
10.315.17
17 cm
1 x 2 teeth



SINGLEY TUTTLE
10.320.23
23 cm



NELSON
10.322.15 - 10.322.23

cm	
15	**10.322.15**
18	**10.322.18**
23	**10.322.23**



WANGENSTEEN
10.324.23
23 cm



jeweler's style
10.330.12 - 10.330.31

cm	
12	**10.330.12**
13	**10.330.31**



jeweler's style
10.331.12
12 cm





10.332.04



10.332.05

cm	
4	**10.332.04**
5	**10.332.05**

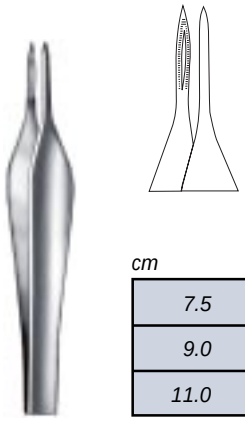
jeweler's style
10.332.04 - 10.332.05





cm	
9	**10.802.09**
11	**10.802.11**

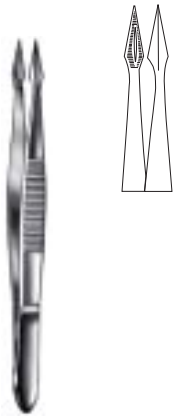
KRONECKER
10.802.09 - 10.802.11



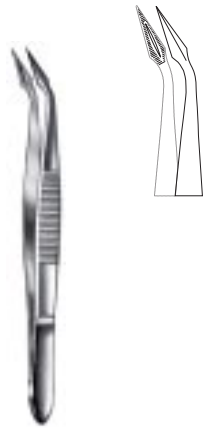
cm

7.5	**10.810.07**
9.0	**10.810.09**
11.0	**10.810.11**

FEILCHENFELD
10.810.07 - 10.810.11



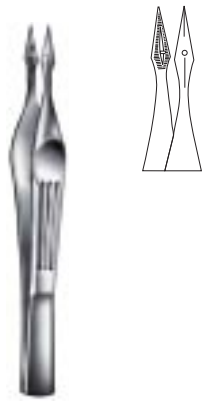
HUNTER
10.812.10
10 cm



HUNTER
10.813.10
10 cm



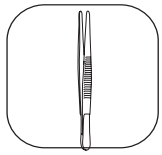
splinter forceps with magnifier
10.815.12
12 cm



CARMALT
10.816.10
10 cm



CARMALT
10.817.10
10 cm



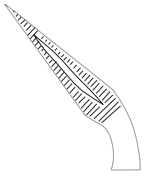


PEET
10.821.11
11 cm





10.822.13



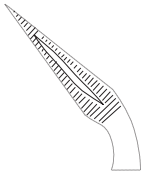
10.823.13

STIEGLITZ
10.822.13 - 10.823.13
13 cm





10.824.14



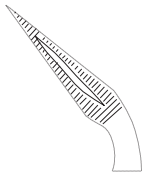
10.825.14

ARCHER
10.824.14 - 10.825.14
14 cm





10.828.15



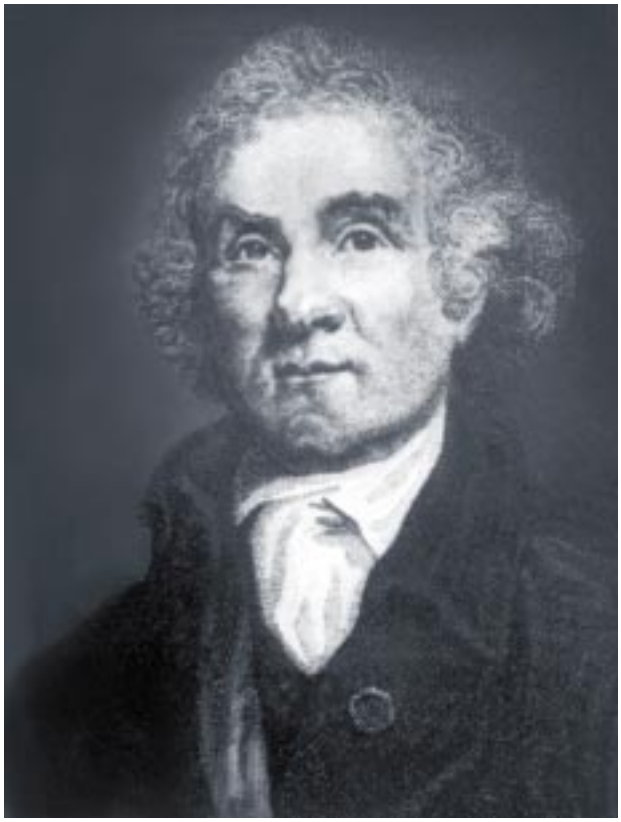
10.829.15

VIRTUS RALK
10.828.15 - 10.829.15
15 cm

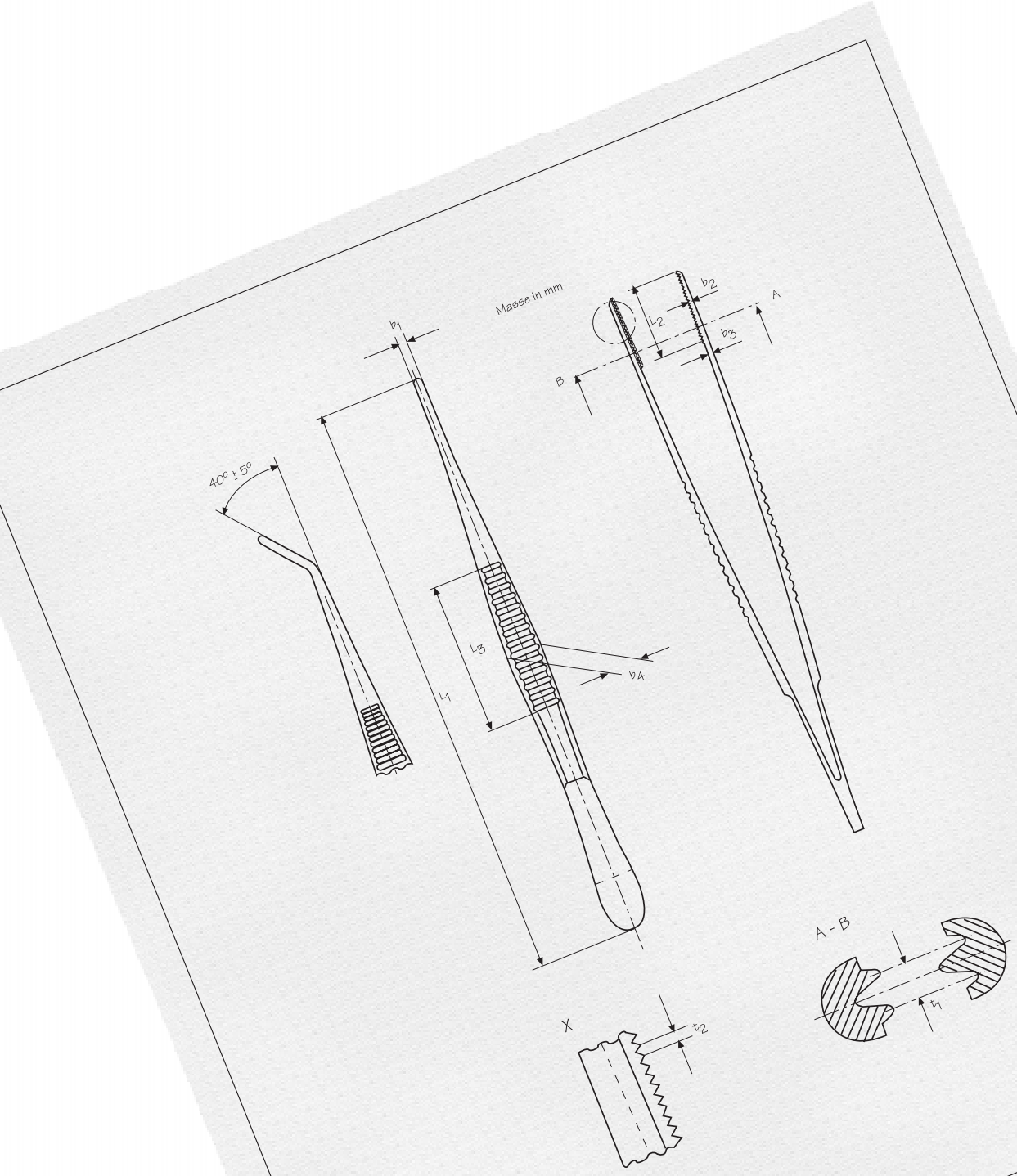
JOHN HUNTER
1718 - 1793

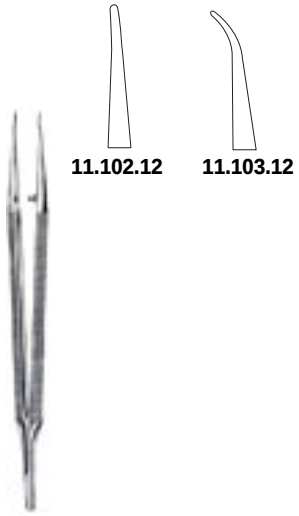
Was born in Glasgow, England in 1718.
As a brillant professor in anatomy and surgery, he introduced the experimental method: in order to develop operating techniques, he worked with animals before applying them on men.
There is no doubt that with Hunter English medical science was able to be on the same level as the French or German science.
Hunter's death was tragic. With intentions of making an experiment with the gonorrhea, he injected himself pus from a patient. He wrongly thougth that patient was suffering gonorrhea. But the patient had syphilis. Hunter probably died of the same disease.

Nació en Glasgow, Inglaterra en 1718.
Fue un brillante profesor de anatomía y cirugía, quién será recordado por su introducción del método experimental.
Por sistema usaba animales para desarrollar técnicas operatorias antes de aplicarlas en el hombre.
Con él puede decirse que la cirugía en Inglaterra se puso a la altura de la francesa y de la alemana.
La muerte de Hunter fue trágica. Con la intención de realizar un experimento, voluntariamente se inoculó pus de un enfermo, que él creía afectado de gonorrea.
En realidad se inoculó sífilis lo cual fue probablemente causa de su muerte.



Wurde 1718 in Glasgow, England geboren.
Als brillianter Professor der Anatomie und Chirurgie führte er die experimentelle Methodik ein. Bevor er neu entwickelte Techniken an Menschen anwandte, erprobte er diese an Tieren.
Durch Hunter konnte sich die englishe Medizinwissenschaft der französischen oder deutschen angleichen.
Hunters Tod war tragisch: Mit der Absicht, über die Gonorrhöe mehr zu erfahren, spritzte er sich selbst Eiter von einem Patienten ein. Später stellte sich heraus, daß der Patient in Wirklichkeit an Syphilis erkrankt war. Es ist anzunehmen, daß Hunter an derselben Krankheit starb.


Masse in mm
b1
b2
b3
b4
L1
L2
L3
A
B
40° ± 5°
X
A - B
t1
t2
GENERAL CATALOGUE
Stainless Steel
inoxidable
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artí
DEWIMED®



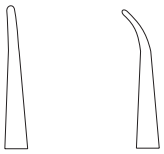
11.102.12 - 11.103.12
12 cm



11.104.15 - 11.105.15
15 cm



11.108.18 - 11.109.18



cm		
18	**11.108.18**	**11.109.18**
23	**11.108.23**	



VISE
11.130.13
tip 0.3 mm



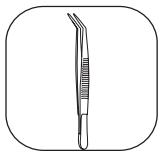
VISE
11.131.13
tip 0.3 mm

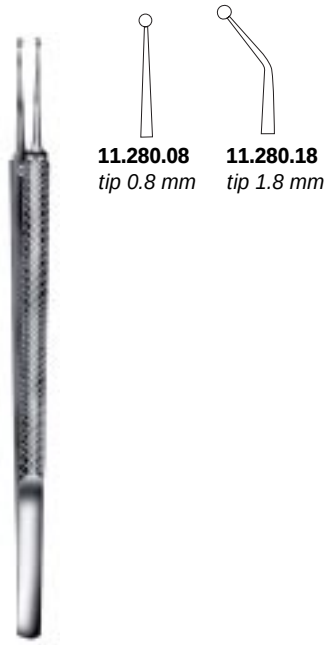


11.132.12
tip 0.3 mm

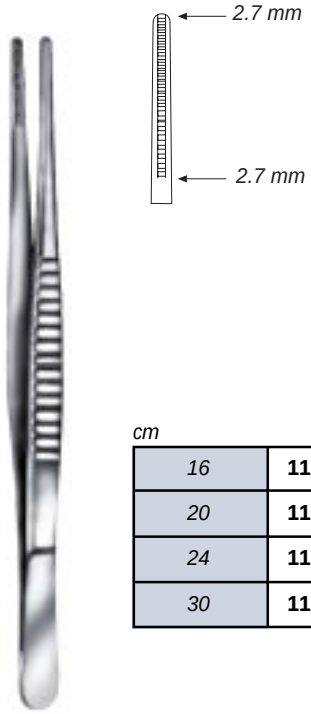


AUSTIN
11.134.14
tip 0.8 mm



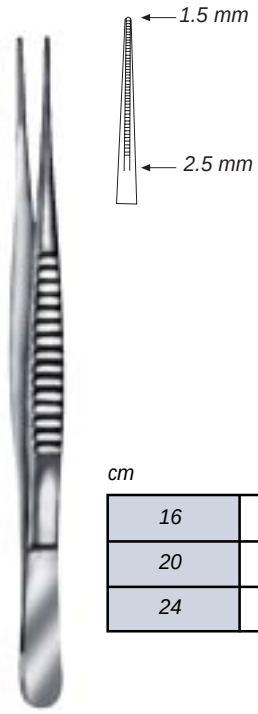


11.280.08 - 11.280.18
18 cm



cm	
16	**11.304.16**
20	**11.304.20**
24	**11.304.24**
30	**11.304.30**

DE BAKEY
11.304.16 - 11.304.30



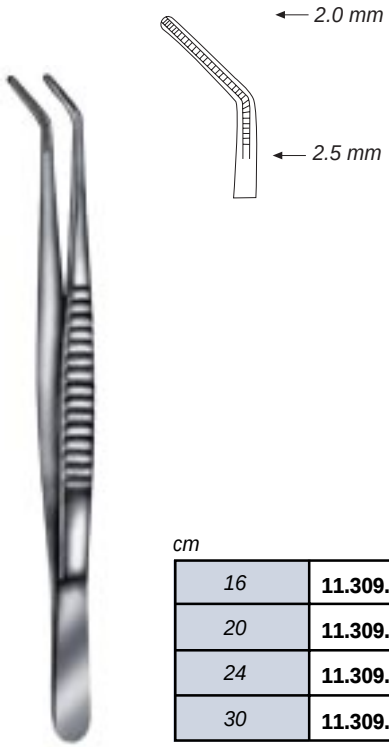
cm	
16	**11.306.16**
20	**11.306.20**
24	**11.306.24**

DE BAKEY
11.306.16 - 11.306.24



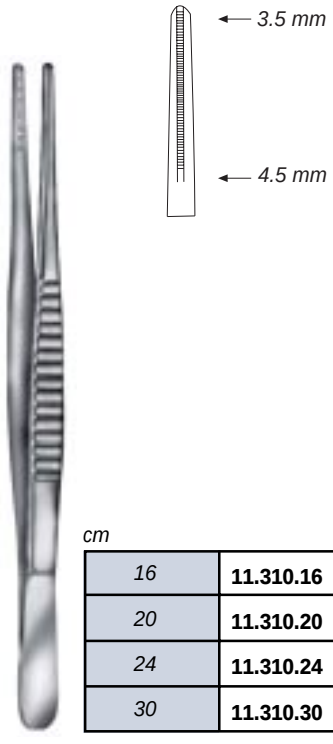
cm	
16	**11.308.16**
20	**11.308.20**
24	**11.308.24**
30	**11.308.30**

DE BAKEY
11.308.16 - 11.308.30



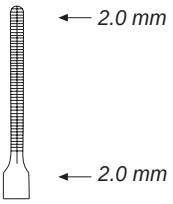
cm	
16	**11.309.16**
20	**11.309.20**
24	**11.309.24**
30	**11.309.30**

DE BAKEY
11.309.16 - 11.309.30



cm	
16	**11.310.16**
20	**11.310.20**
24	**11.310.24**
30	**11.310.30**

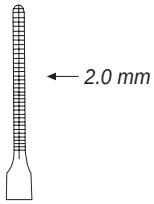
DE BAKEY
11.310.16 - 11.310.30





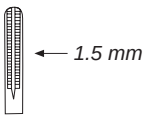
cm	
16	**11.314.16**
20	**11.314.20**

COOLEY
11.314.16 - 11.314.20





COOLEY
11.314.24
24 cm

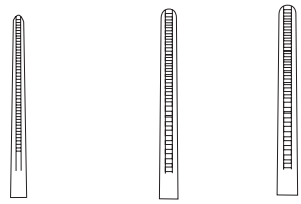




cm	
16	**11.316.16**
20	**11.316.20**
24	**11.316.24**

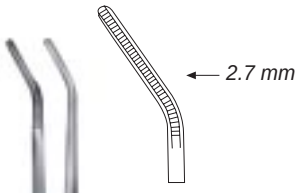
DE BAKEY DIETHRICH
11.316.16 - 11.316.24





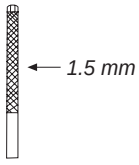
cm	1.5 mm	2.4 mm	2.7 mm
15.0	**11.322.16**		**11.332.15**
19.5	**11.322.20**		**11.332.20**
24.0	**11.322.24**	**11.324.24**	**11.332.24**
30.0			**11.332.30**

11.322.16 - 11.332.30





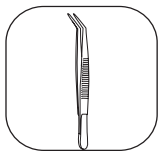
DE BAKEY
11.333.30
30 cm



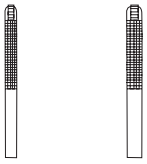


cm	
15.0	**11.402.15 TC**
19.5	**11.402.20 TC**
24.0	**11.402.24 TC**

DE BAKEY
11.402.15 TC - 11.402.24 TC
2 x 4 teeth



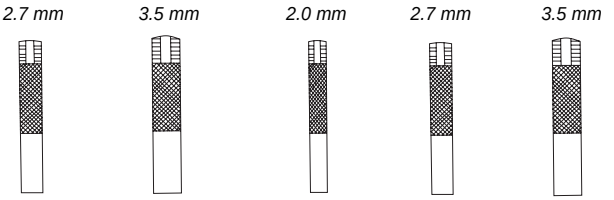




cm	1.5 mm	2.0 mm
15	11.404.15 TC	11.412.15 TC
19	11.404.19 TC	11.412.19 TC
24	11.404.24 TC	11.412.24 TC

DE BAKEY
11.404.15 TC - 11.412.24 TC



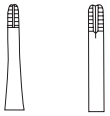


cm	6 x 12 teeth	6 x 12 teeth	2 x 4 teeth	2 x 4 teeth	2 x 4 teeth
15	11.414.15 TC		11.422.15 TC	11.424.15 TC	
19	11.414.19 TC	11.416.19 TC	11.422.19 TC	11.424.19 TC	11.426.19 TC
24	11.414.24 TC	11.416.24 TC	11.422.24 TC	11.424.24 TC	11.426.24 TC

DE BAKEY
11.414.15 TC - 11.414.24 TC



GREGORY WHEELER
11.452.15





GREGORY WHEELER
11.456.20
20 cm
11.456.24
24 cm



cm		
16	11.506.16	11.509.16
18	11.506.18	11.509.18
20	11.506.20	11.509.20
22	11.506.22	11.509.22
24	11.506.24	11.509.24

DEWIMED
11.506.16 - 11.509.24



DEWIMED
11.510.18
1 x 2 teeth



DEWIMED
11.513.22
tip 3 mm



DEWIMED
11.513.24 - 11.517.24

ø mm

3	**11.513.24**
5	**11.515.24**
7	**11.517.24**



DEWIMED
11.515.22
tip 5 mm



DEWIMED
11.521.22
tip 3 mm



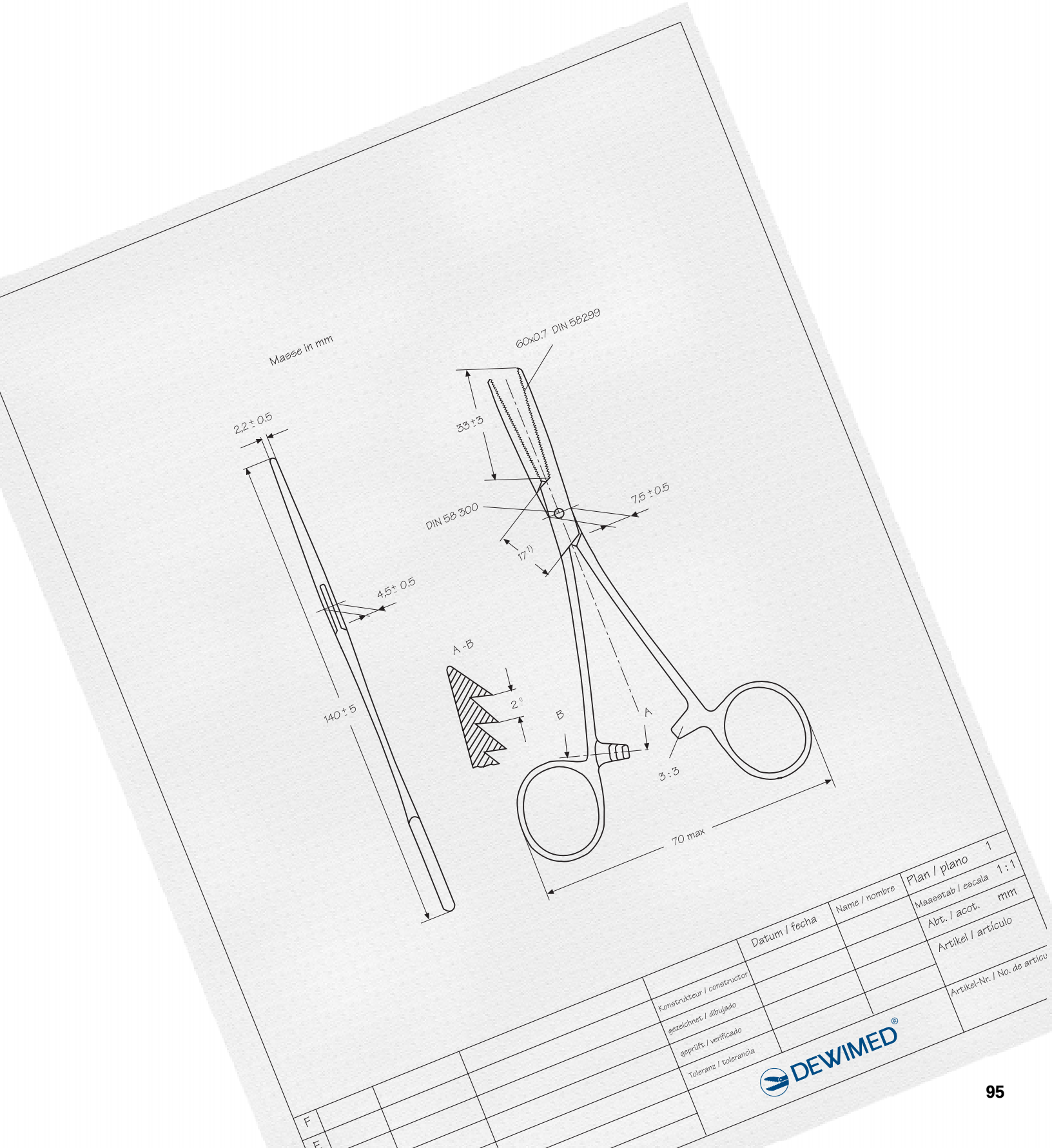
HEIFETZ
11.522.22
tip 3 mm
11.525.22
tip 5 mm



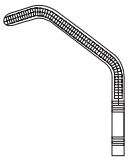
DEWIMED
11.523.22
tip 5 mm



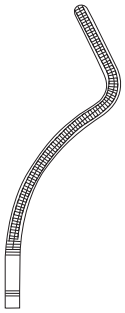
HUNT
11.529.20


Masse in mm
60x0.7 DIN 58299
2,2 ± 0.5
33 ± 3
DIN 58 300
7,5 ± 0.5
17 1)
4,5 ± 0.5
A - B
2 1)
B
A
3 : 3
140 ± 5
70 max
Datum / fecha
Name / nombre
Plan / plano 1
Maasstab / escala 1 : 1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
DEWIMED®

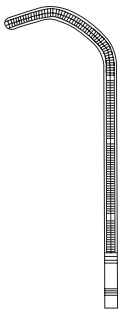




12.059.07
7 cm



12.061.09
9 cm



12.063.10
10 cm

DE BAKEY SATINSKY
12.059.07 - 12.063.10



GLOVER
12.065.06
5.5 cm



GLOVER
12.070.35
3.5 cm



GLOVER
12.070.50
5 cm



GLOVER
12.071.35
3.5 cm



GLOVER
12.071.50
5 cm





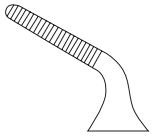
12.082.08
5 cm
jaw 8 mm



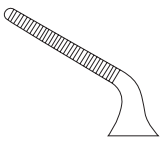
12.082.12
5 cm
jaw 10 mm



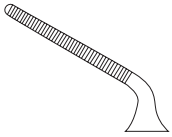
12.082.16
6 cm
jaw 12 mm



12.083.08
5 cm
jaw 8 mm

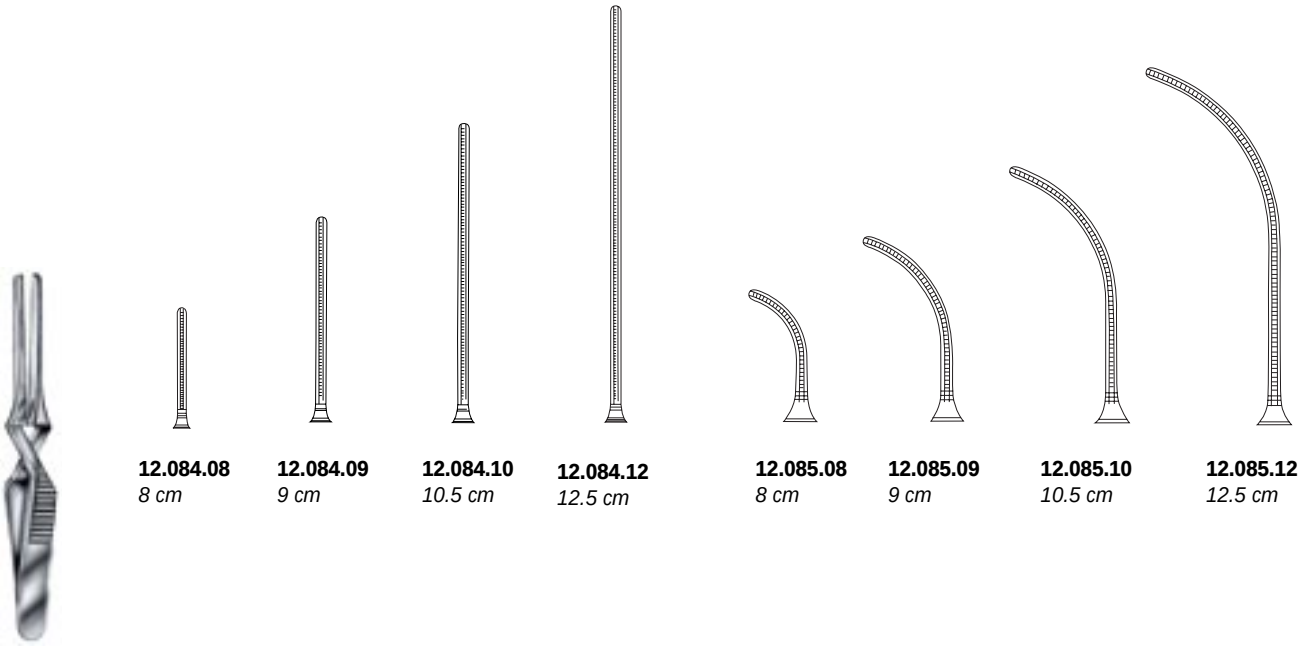


12.083.12
5 cm
jaw 10 mm



12.083.16
6 cm
jaw 12 mm

DIETHRICH
12.082.08 - 12.083.16



12.084.08
8 cm

12.084.09
9 cm

12.084.10
10.5 cm

12.084.12
12.5 cm

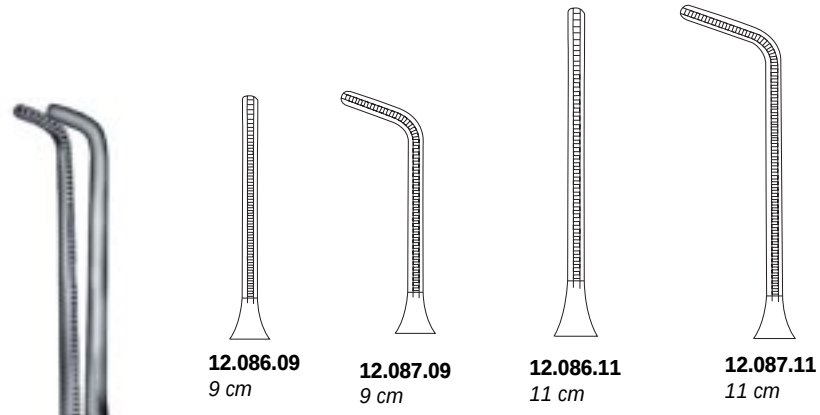
12.085.08
8 cm

12.085.09
9 cm

12.085.10
10.5 cm

12.085.12
12.5 cm

COOLEY
12.084.08 - 12.085.12



12.086.09
9 cm

12.087.09
9 cm

12.086.11
11 cm

12.087.11
11 cm

GREGORY
12.086.09 - 12.087.11



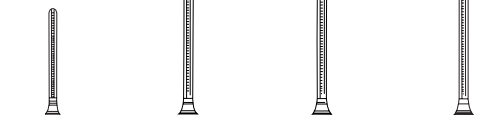
SANTULLI
12.089.07
7 cm



12.091.23



DE BAKEY
12.092.07 - 12.093.12

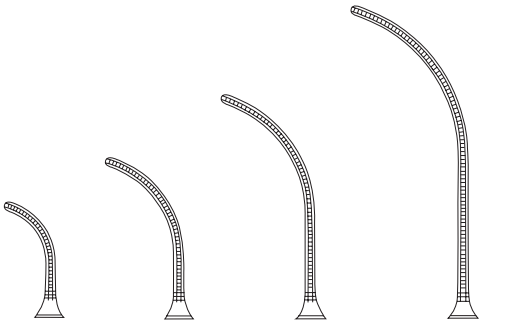


12.092.07
7.5 cm

12.092.08
8.5 cm

12.092.10
10.5 cm

12.092.12
12 cm



12.093.07
7 cm

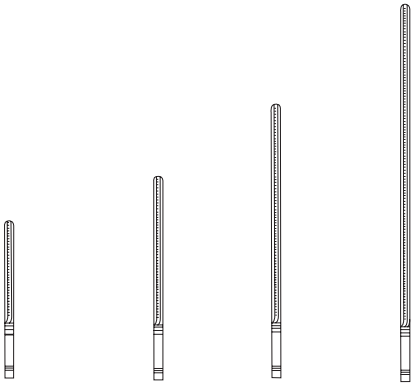
12.093.08
8 cm

12.093.10
10 cm

12.093.12
11.5 cm



GLOVER
12.096.06 - 12.097.11

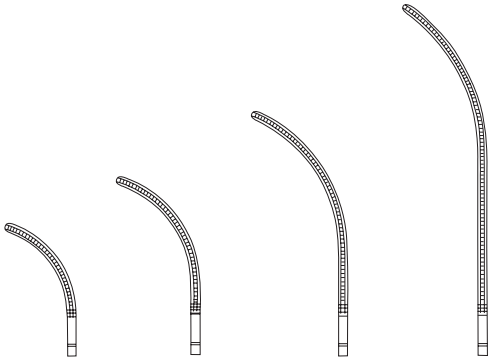


12.096.06
10.5 cm

12.096.07
7 cm

12.096.09
9 cm

12.096.11
11 cm



12.097.06
5.5 cm

12.097.07
6.5 cm

12.097.09
8.5 cm

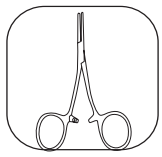
12.097.11
10.5 cm



DIEFFENBACH
12.102.04
3.5 cm
12.102.05
5.5 cm



DIEFFENBACH
12.103.04
3.5 cm
12.103.05
5.5 cm





cm		
5.0	12.110.50	12.111.50
5.5	12.110.55	12.111.55
6.5	12.110.65	12.111.65
7.0	12.110.70	12.111.70
7.5	12.110.75	12.111.75
9.0	12.110.90	12.111.90

JOHNS HOPKINS
12.110.50 - 12.111.90





12.210.09



12.211.09

HARTMANN baby
12.210.09 - 12.211.09
9 cm





12.210.10



12.211.10

HARTMANN
12.210.10 - 12.211.10
10 cm



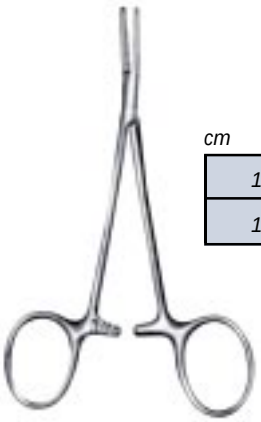


12.212.10



12.213.10

HARTMANN
12.212.10 - 12.213.10
10 cm
1 x 2 teeth

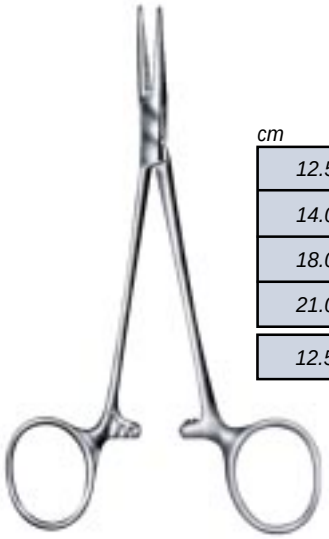






cm		
10	12.222.10	12.223.10
12	12.222.12	12.223.12

HALSTED MOSQUITO micro
12.222.10 - 12.223.12

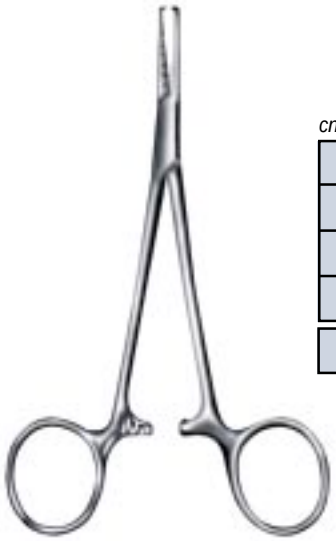






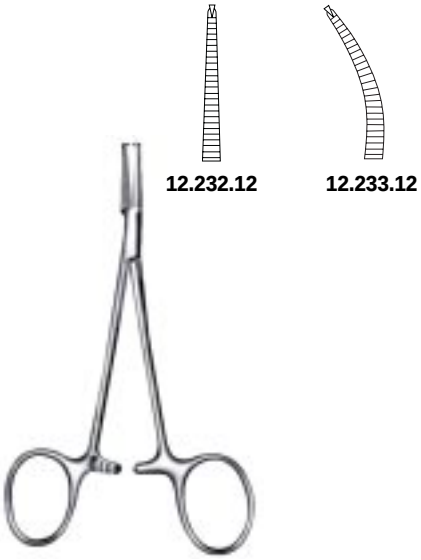
cm		
12.5	12.220.12	12.221.12
14.0	12.220.14	12.221.14
18.0	12.220.18	12.221.18
21.0	12.220.21	12.221.21
12.5 T	12.224.12 T	12.225.12 T

HALSTED MOSQUITO
12.220.12 - 12.225.12 T



cm		
12.5	**12.230.12**	**12.231.12**
14.0	**12.230.14**	**12.231.14**
18.0	**12.230.18**	**12.231.18**
21.0	**12.230.21**	**12.231.21**
12.5 T	**12.234.12 T**	**12.235.12 T**

HALSTED MOSQUITO
12.230.12 - 12.235.12 T
1 x 2 teeth



12.232.12 **12.233.12**

HALSTED MOSQUITO micro
12.232.12 - 12.233.12
12.5 cm
1 x 2 teeth



12.240.14 **12.241.14**
12.244.14 T **12.245.14 T**

KELLY
12.240.14 - 12.241.14
12.244.14 T - 12.245.14 T
14 cm



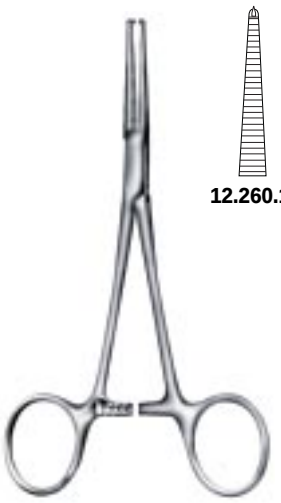
12.242.16 **12.243.16**

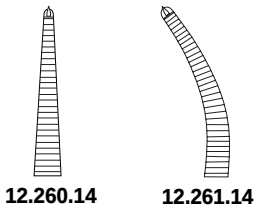
KELLY RANKIN
12.242.16 - 12.243.16
16 cm



12.250.14 **12.251.14**
12.254.14 T **12.255.14 T**

CRILE
12.250.14 - 12.251.14
14 cm
12.254.14 T - 12.255.14 T
14 cm

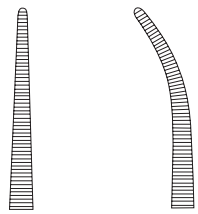




12.260.14 12.261.14

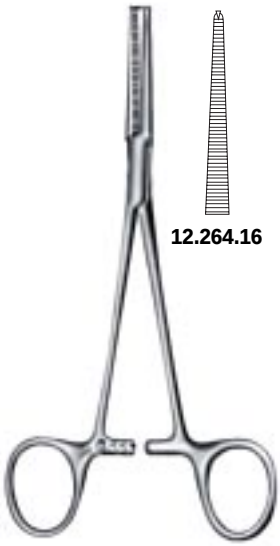
CRILE
12.260.14 - 12.261.14
14 cm
1 x 2 teeth

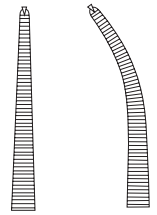




12.262.16 12.263.16

CRILE RANKIN
12.262.16 - 12.263.16
16 cm

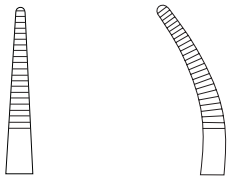




12.264.16 12.265.16

CRILE RANKIN
12.264.16 - 12.265.16
16 cm
1 x 2 teeth

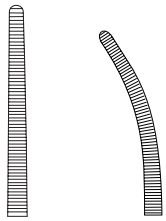




12.270.14 12.271.14

PROVIDENCE HOSPITAL
12.270.14 - 12.271.14

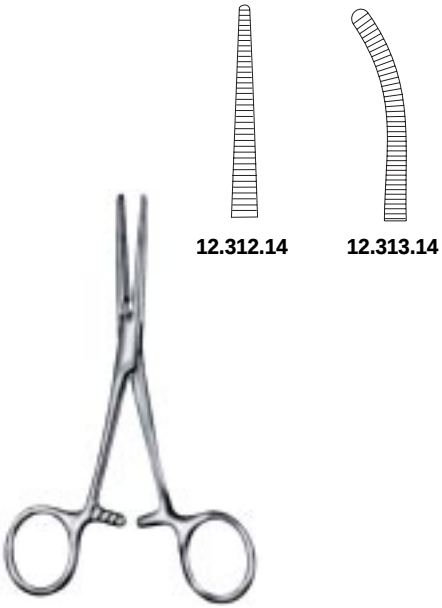




cm

13	**12.310.13**	**12.311.13**
14	**12.310.14**	**12.311.14**
16	**12.310.16**	**12.311.16**
18	**12.310.18**	**12.311.18**
20	**12.310.20**	**12.311.20**
22	**12.310.22**	**12.311.22**
24	**12.310.24**	**12.311.24**
26	**12.310.26**	**12.311.26**
30	**12.310.30**	**12.311.30**

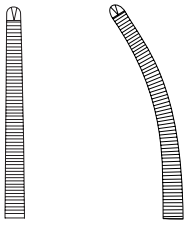
ROCHESTER PEAN
12.310.13 - 12.311.30



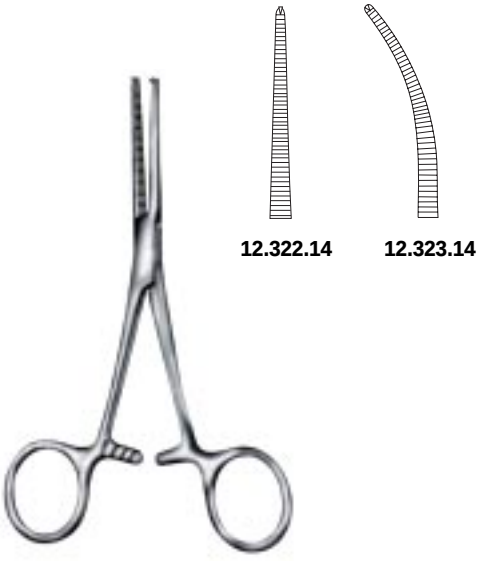
PEAN
12.312.14 - 12.313.14
14 cm



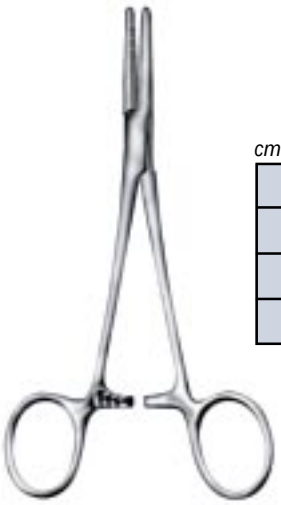
ROCHESTER OCHSNER
12.320.13 - 12.321.30
1 x 2 teeth



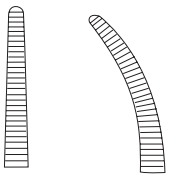
cm		
13	**12.320.13**	**12.321.13**
14	**12.320.14**	**12.321.14**
16	**12.320.16**	**12.321.16**
18	**12.320.18**	**12.321.18**
20	**12.320.20**	**12.321.20**
22	**12.320.22**	**12.321.22**
24	**12.320.24**	**12.321.24**
26	**12.320.26**	**12.321.26**
30	**12.320.30**	**12.321.30**



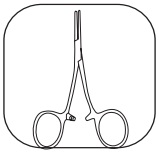
KOCHER
12.322.14 - 12.323.14
14 cm
1 x 2 teeth

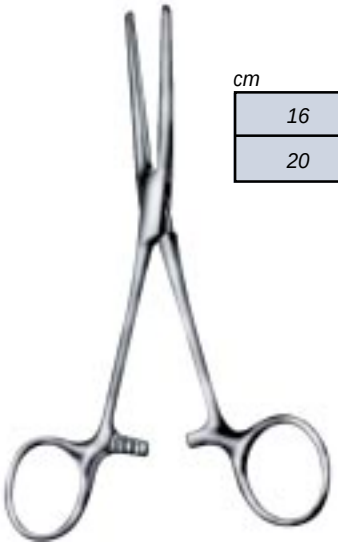


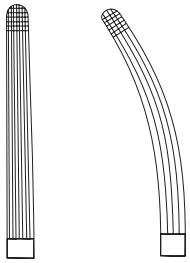
SPENCER WELLS
12.330.13 - 12.331.20



cm		
13	**12.330.13**	**12.331.13**
15	**12.330.15**	**12.331.15**
18	**12.330.18**	**12.331.18**
20	**12.330.20**	**12.331.20**







cm		
16	12.340.16	12.341.16
20	12.340.20	12.341.20

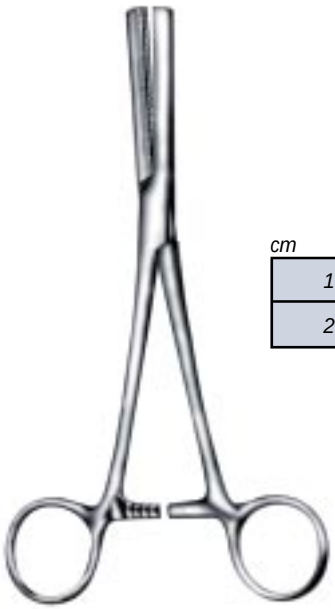
ROCHESTER CARMALT
12.340.16 - 12.341.20

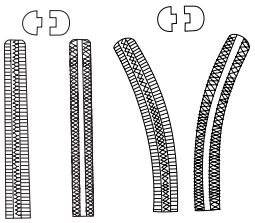


DANDY
12.345.14
14 cm



DANDY
12.347.14
1 x 2 teeth





cm		
16	12.350.16	12.351.16
20	12.350.20	12.351.20

FERGUSSON
12.350.16 - 12.351.20



LOVELACE
12.356.15
15.5 cm



12.358.15 - 12.358.20

PENNINGTON
12.358.15
15.5 cm
12.358.20
20 cm



PRATT
12.360.15
15 cm



MARTELL
12.364.14
14 cm



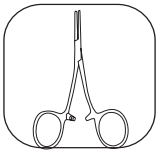
WILLET MARTEL
12.366.19
19 cm





12.368.14 - 12.368.16

PEAN
12.368.14
14 cm
12.368.16
16 cm





CHAPUT
12.370.13
13 cm



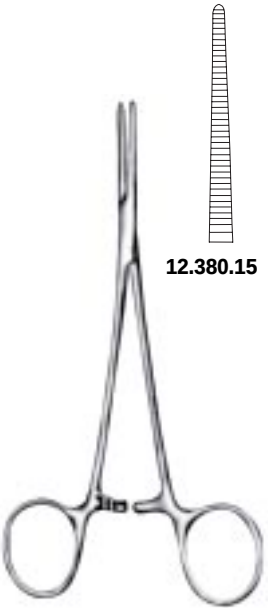
TUFFIER
12.372.13
13 cm

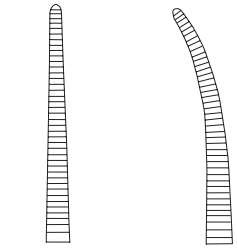


COLLIN
12.374.14
14 cm



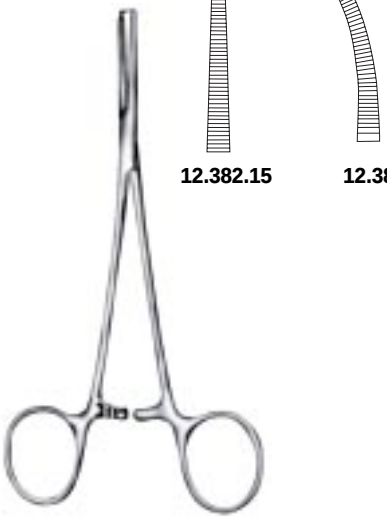
COLLIN
12.376.16
16 cm





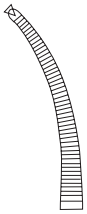
12.380.15

12.381.15





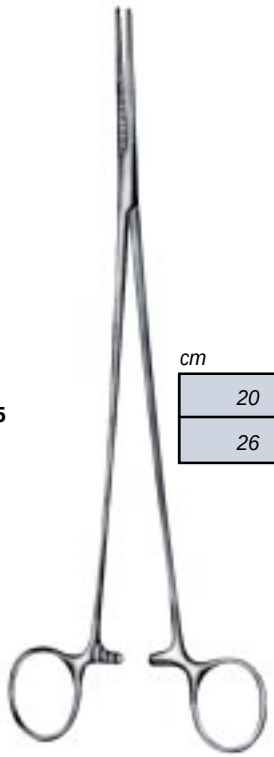
12.382.15

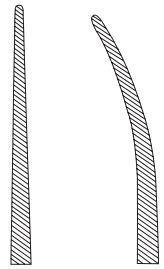


12.383.15

LERICHE
12.380.15 - 12.381.15
15 cm

LERICHE
12.382.15 - 12.383.15
15 cm

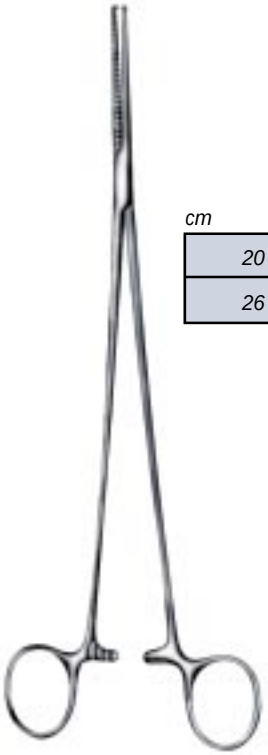


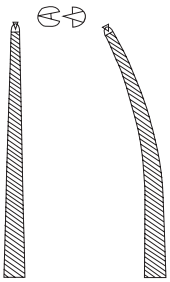


cm

20	**12.384.20**	**12.385.20**
26	**12.384.26**	**12.385.26**

BENGOLEA
12.384.20 - 12.385.26

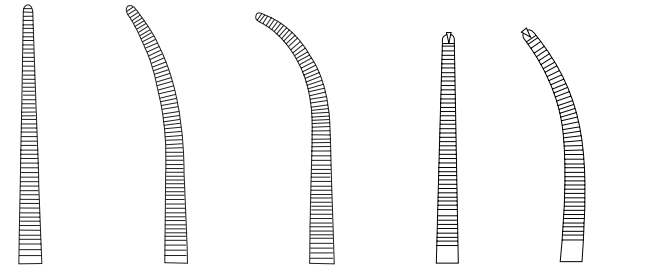




cm		
20	12.386.20	12.387.20
26	12.386.26	12.387.26

BENGOLEA
12.386.20 - 12.387.26
1 x 2 teeth

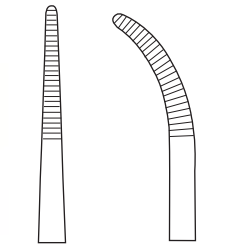




12.390.20 **12.391.20** **12.393.20** **12.394.20** *1 x 2 teeth* **12.395.20** *1 x 2 teeth*

HEISS
12.390.20 - 12.395.20
20 cm

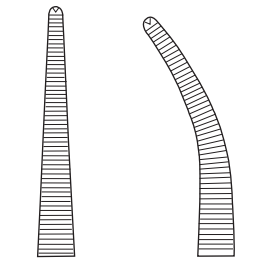




12.410.18 **12.411.18**

ADSON
12.410.18 - 12.411.18
18.5 cm





12.412.18 **12.413.18**

ADSON
12.412.18 - 12.413.18
18.5 cm
1 x 2 teeth



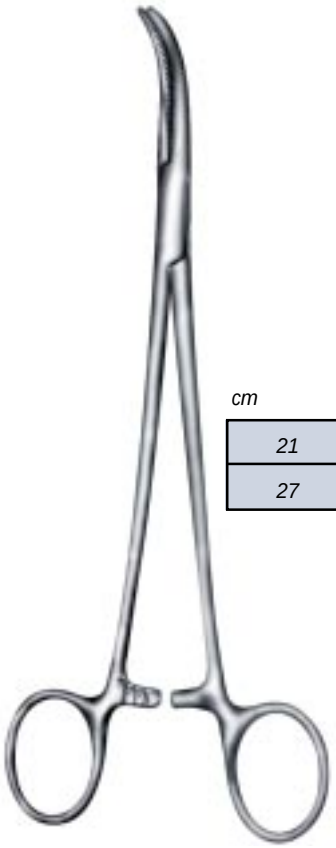
ADSON baby
12.415.18
18 cm



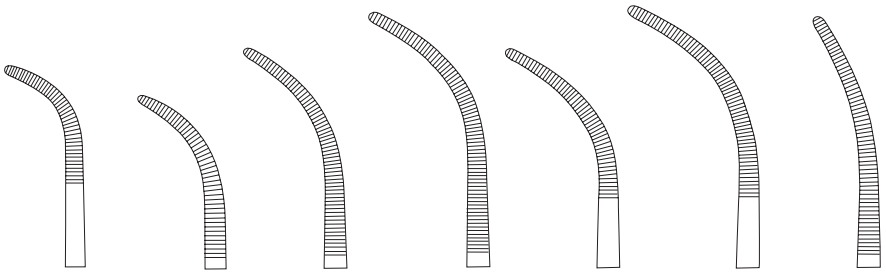
vasectomy ring forceps
12.416.14
14 cm / ø 35 mm



hemostatic vasectomy forceps
short, curved, plain tips
12.417.14
14 cm



dissecting and ligature forceps



cm

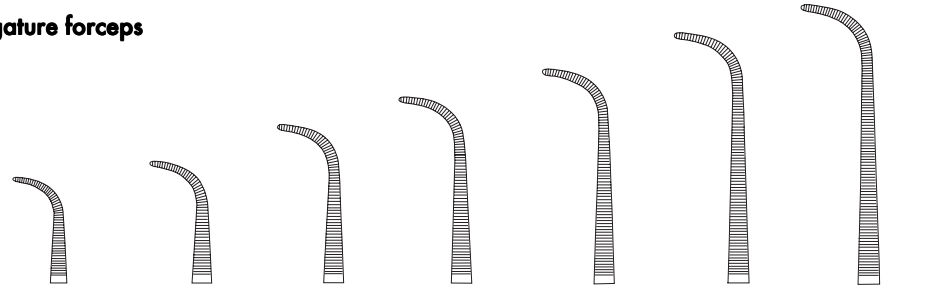
21	**12.421.01**	**12.421.02**	**12.421.03**	**12.421.04**	**12.421.05**	**12.421.06**	**12.421.07**
27	**12.427.01**	**12.427.02**	**12.427.03**	**12.427.04**	**12.427.05**	**12.427.06**	**12.427.07**

OVERHOLT GEISSENDOERFER
12.421.01 - 12.427.08

dissecting and ligature forceps

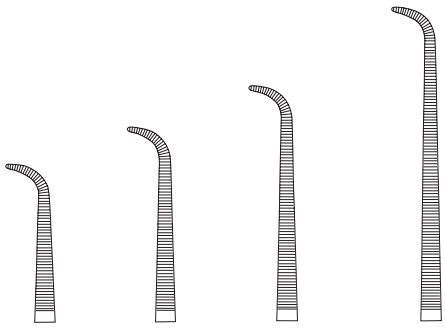


GEMINI
12.431.13 - 12.431.28



12.431.13 *13 cm*
12.431.16 *16 cm*
12.431.18 *18 cm*
12.431.20 *20 cm*
12.431.23 *23 cm*
12.431.25 *25 cm*
12.431.28 *28 cm*

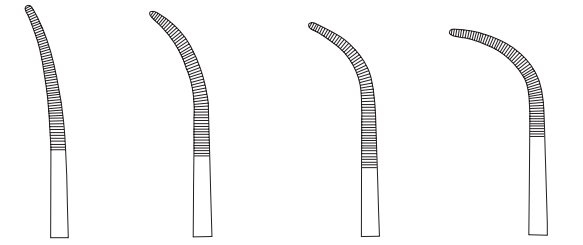
GEMINI mini
12.433.18 - 12.433.28



12.433.18 *18 cm*
12.433.22 *22 cm*
12.433.25 *25 cm*
12.433.28 *28 cm*

GEMINI
12.431.13 - 12.431.28
GEMINI mini
12.433.18 - 12.433.25

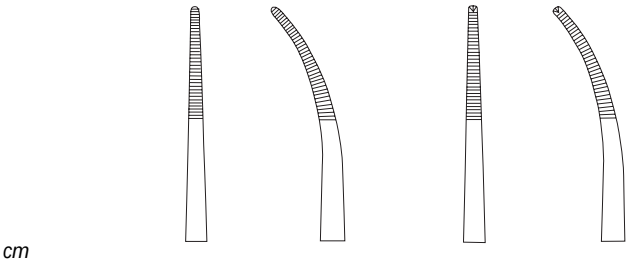




12.441.01
12.441.02
12.441.03
12.441.04

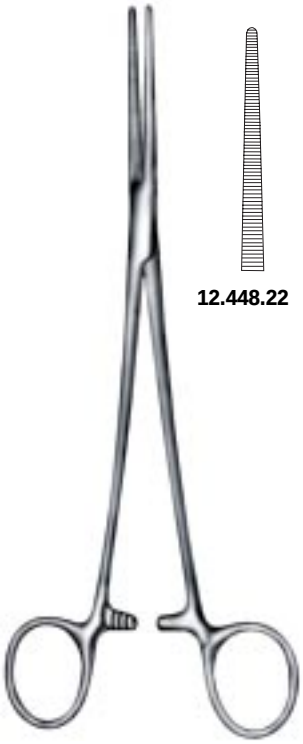
RUMEL
12.441.01 - 12.441.04
23 cm

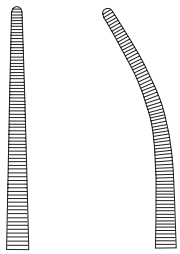




cm				
21	12.442.21	12.443.21	12.444.21	12.445.21
26	12.442.26	12.443.26	12.444.26	12.445.26

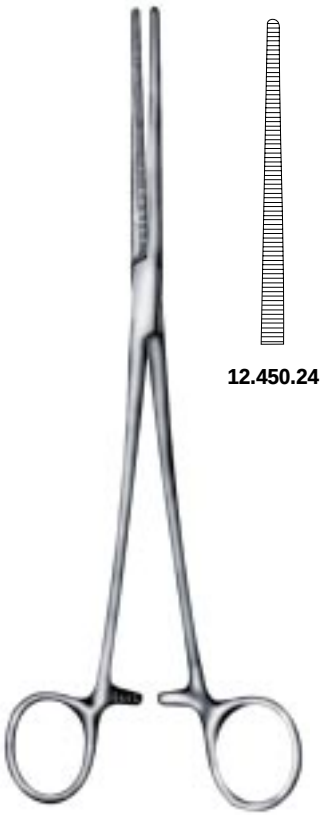
TOENNIS
12.442.21 - 12.445.26

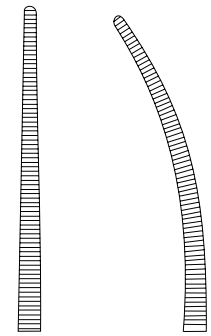




12.448.22 **12.449.22**

ROBERTS
12.448.22 - 12.449.22
22 cm

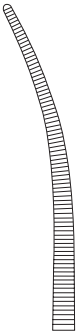




12.450.24 **12.451.24**

SAROT
12.450.24 - 12.451.24
22 cm





12.453.18
18 cm
12.453.24
24 cm

CRAFOORD
12.453.18 - 12.453.24



12.455.01 12.455.02

ZENKER
12.455.01 - 12.455.02
29.5 cm



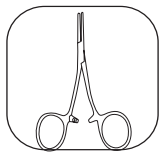
LAWRENCE
12.457.28
28 cm

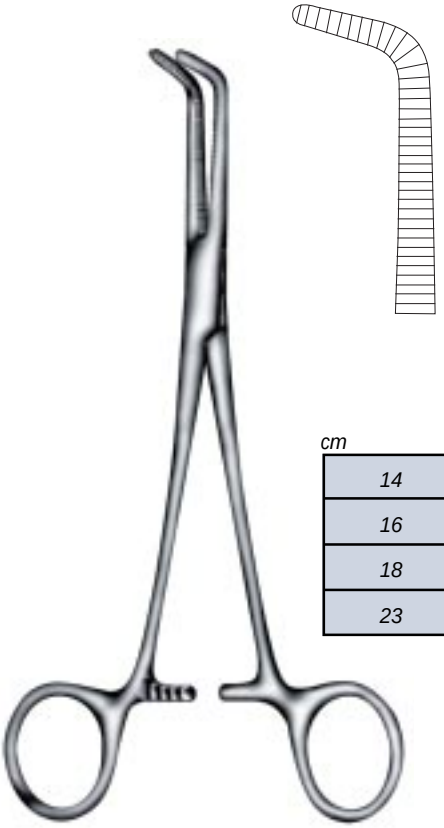


MEEKER
12.459.28
28 cm



12.469.14
14 cm





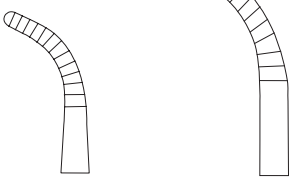
cm	
14	**12.471.14**
16	**12.471.16**
18	**12.471.18**
23	**12.471.23**

MIXTER
12.471.14 - 12.471.23



MIXTER
12.473.22
22 cm





12.475.14
14 cm

12.475.18
18 cm

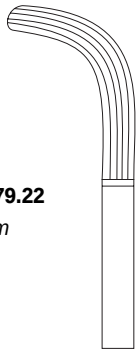
MIXTER baby
12.475.14 - 12.475.18



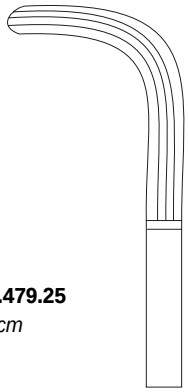
MIXTER O´SHAUGNESSY
12.477.15
15.5 cm
12.477.19
19.0 cm



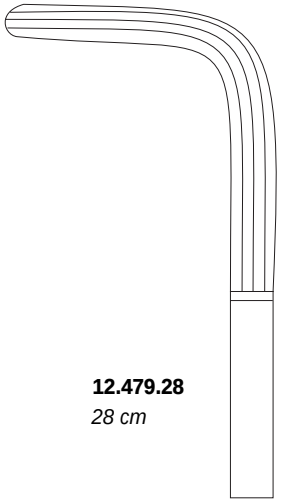
MIXTER
12.479.22 - 12.479.28



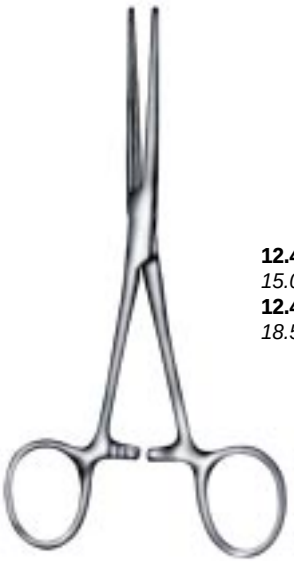
12.479.22
22 cm



12.479.25
25 cm



12.479.28
28 cm



BAINBRIDGE
12.480.15 - 12.481.18



12.480.15
15.0 cm
12.480.18
18.5 cm



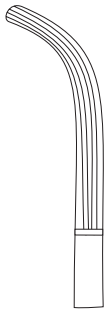
12.481.15
15.0 cm
12.481.18
18.5 cm



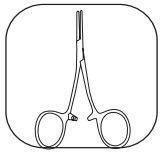
LAHEY
12.491.19 - 12.493.23



12.491.19
19 cm



12.493.23
23 cm





LOWER
12.495.18
18 cm



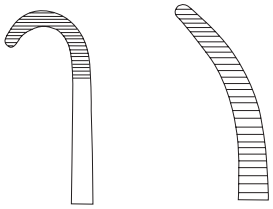
JOHNS HOPKINS
12.497.20
20 cm



MOYNIHAN
12.501.23
23 cm

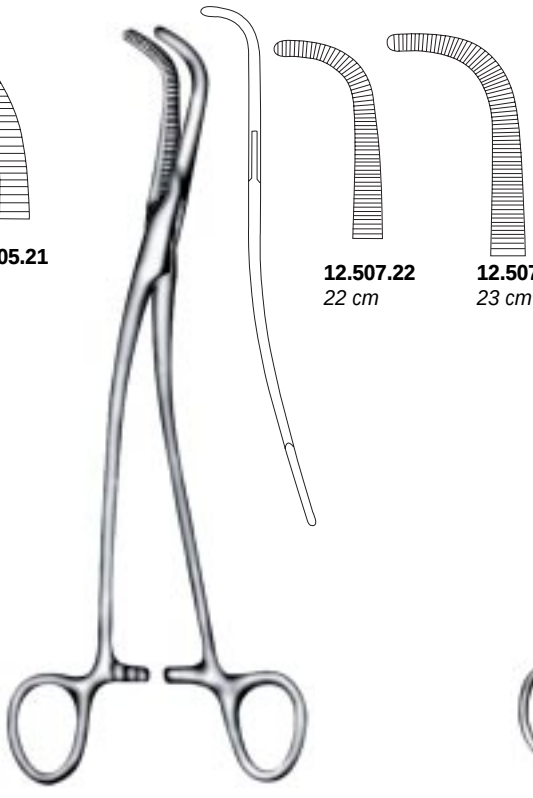


DESJARDINS
12.503.21 - 12.505.21
21 cm



12.503.21

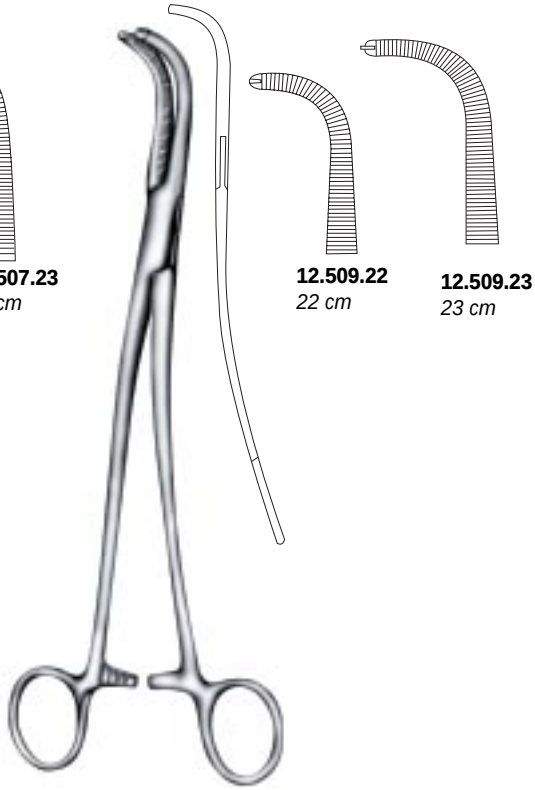
12.505.21



GRAY
12.507.22 - 12.507.23

12.507.22
22 cm

12.507.23
23 cm



GRAY
12.509.22 - 12.509.23

12.509.22
22 cm

12.509.23
23 cm



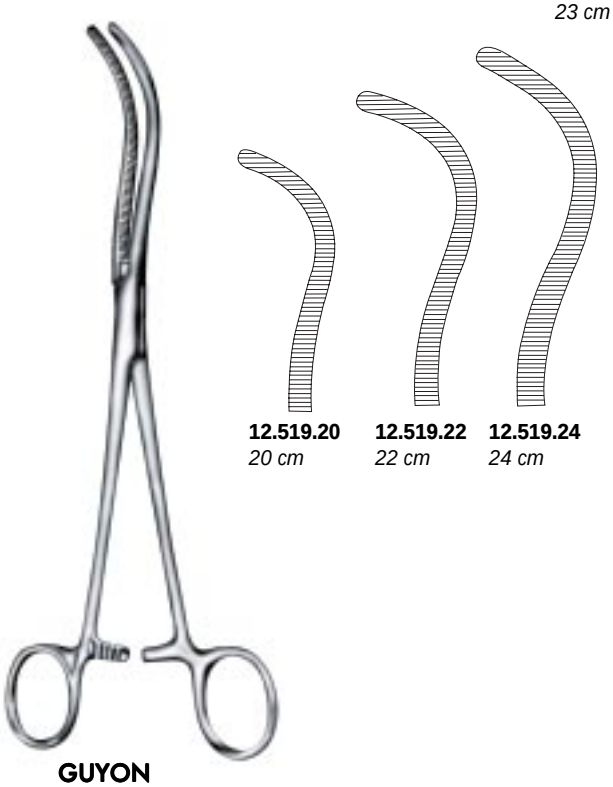
STILLE
12.513.23
23 cm



MAYO GUYON
12.515.23
23 cm



GUYON
12.517.23
23 cm



12.519.20
20 cm

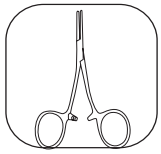
12.519.22
22 cm

12.519.24
24 cm

GUYON
12.519.20 - 12.519.24



HERRICK
12.523.23
23 cm

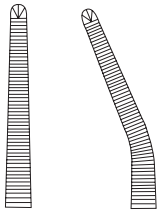




MIKULICZ
12.551.20
20 cm



12.554.21



12.555.21

PHANEUF
12.554.21 - 12.555.21
21 cm



12.561.20

12.563.20

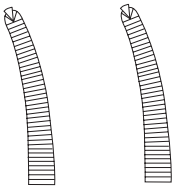
FAURE
12.561.20 - 12.563.20
20 cm



WERTHEIM
12.571.25
25 cm



12.573.22
22 cm



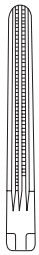
12.575.23
23 cm

WERTHEIM
12.573.22 - 12.575.23

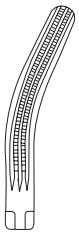


WERTHEIM CULLEN
12.579.21
21.5 cm





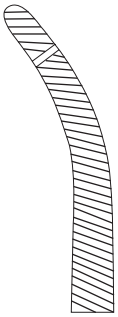
12.580.21
21.5 cm
12.580.25
25.5 cm



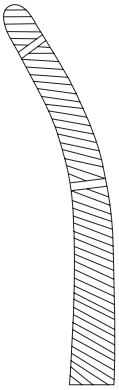
12.581.21
21.5 cm
12.581.25
25.5 cm

ROBERTS
12.580.21 - 12.581.25

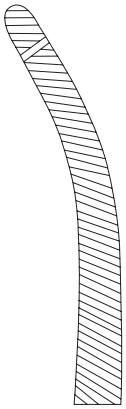




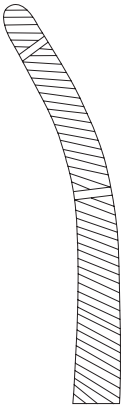
12.591.20
1 teeth



12.593.20
2 teeth



12.591.23
1 teeth



12.593.23
2 teeth

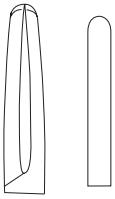
HEANEY
12.591.20 - 12.593.20
20 cm



12.702.14
14.5 cm

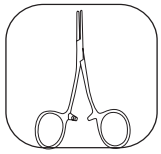


12.704.16 - 12.704.20



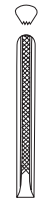
cm

16	**12.704.16**
18	**12.704.18**
20	**12.704.20**





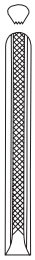




12.710.15
15 cm



12.710.18
18 cm



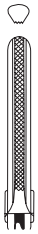
12.710.20
20 cm

12.710.15 - 12.710.20





12.712.15
15 cm



12.712.18
18 cm

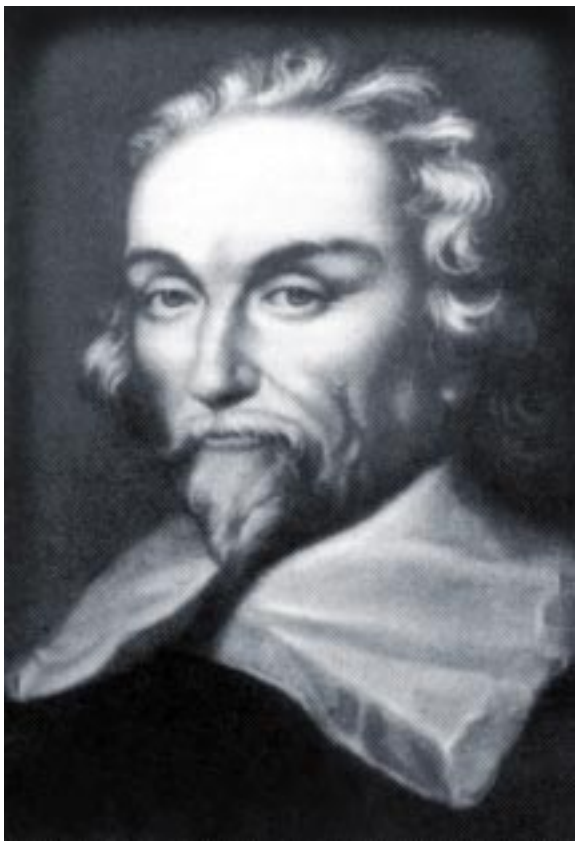


12.712.20
20 cm

12.712.15 - 12.712.20



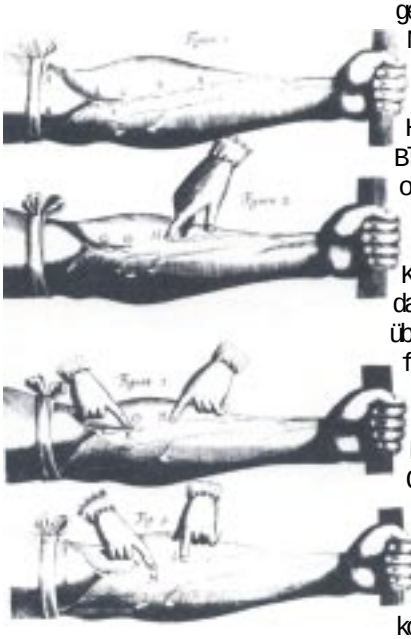
GUNNAR HEY
12.722.18



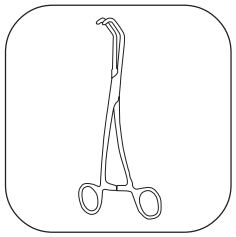
WILLIAM HARVEY
1578 - 1657

Was born in Folkestone, England in 1578.
After having studied anatomy in Padua, he moved to London, England.
Harvey established the principles of blood circulation. Without doubt a discovery that affected the concepts of physiology.
He demonstrated that when the heart contracts, the blood goes from the right ventricle through the pulmonar artery to the lungs. After that the blood passes througt the left auricle and ventricle into the general blood circulation.
Even though it was not possible for Harvey to prove the existence of capillaries, he assured the existence of anastomosis between arteries and veins.
So it was possible for him to justify his circulation concept.

Nació en Folkestone, Inglaterra en 1578.
Después de haber estudiado anatomía en Padua, se sitúa en Londres, Inglaterra. Harvey estableció los principios de la circulación. Un descubrimiento que afectaría enormemente los conceptos sobre fisiología.
Demostró que cuando el corazón contrae en sístole, la sangre del ventrículo derecho pasa hacia la arteria pulmonar y de allí al pulmón. Después, la sangre pasa hacia la aurícula y ventrículo izquierdos hacia la circulación general. Aunque no pudo demostrar la existencia de los capilares, Harvey teorizó que debía existir anastomosis entre arterias y venas, para hacer posible sus concepto de una circulación completa.

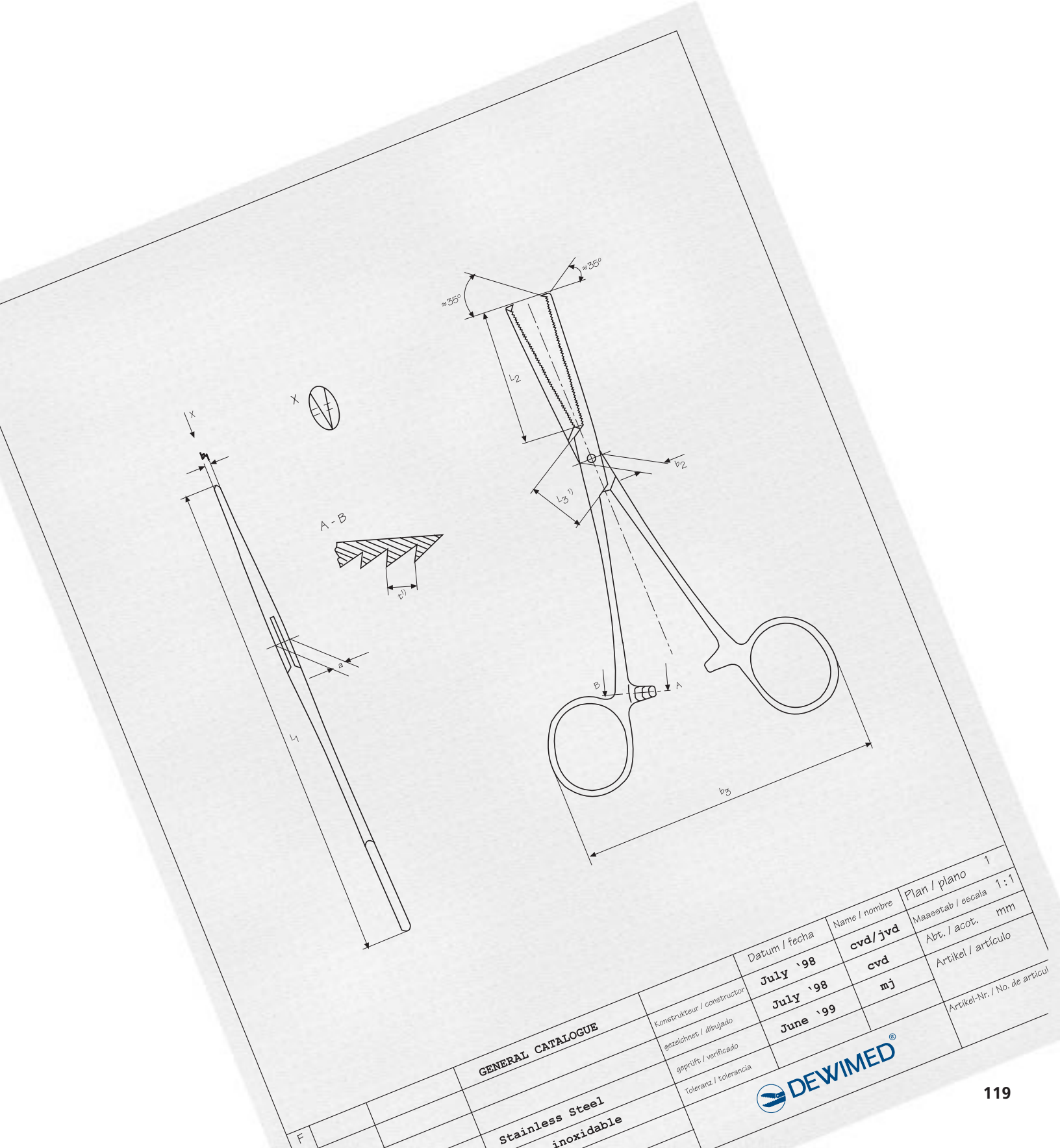


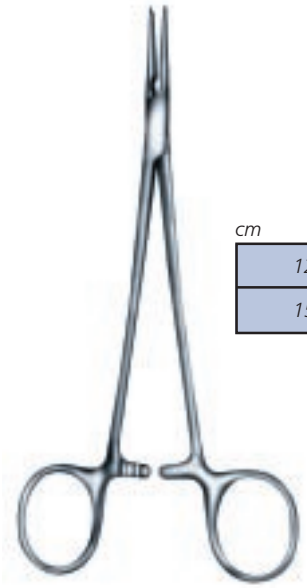
Wurde in Folkestone, England, 1578 geboren.
Nachdem er in Padua Anatomie studiert hatte, ließ er sich in London, England, nieder.
Harvey stellte die Prinzipien des Blutkreislaufs auf. Eine Entdeckung, die ohne Zweifel gängige physiologische Konzepte beeinflußt hat.
Harvey hat bewiesen, daß bei Kontrahierung des Herzens (Systole) das Blut von der rechten Herzkammer über die Lungenarterie in die Lunge fließt. Von dort aus fließt das Blut über den linken Vorhof und die linke Herzkammer in den allgemeinen Kreislauf.
Obwohl es Harvey nicht möglich war, die Existenz von Kapillaren nachzuweisen, war er sich der Existenz von Anastomosen zwischen Arterien und Venen sicher. Nur so konnte er sein Kreislaufkonzept rechtfertigen.

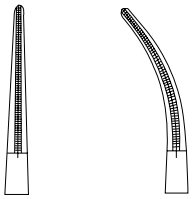


13

Atraumatic Hemostatic Forceps
Pinzas Hemostáticas
Atraumatische Klemmen

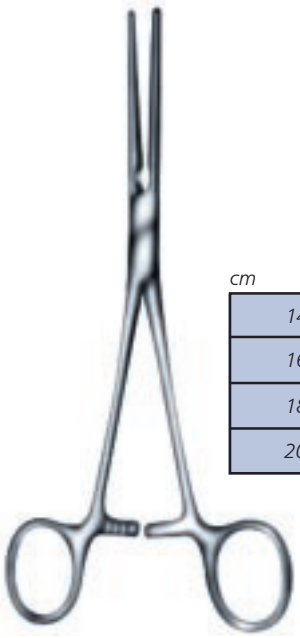


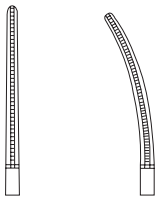




cm		
12	13.080.12	13.081.12
15	13.080.15	13.081.15

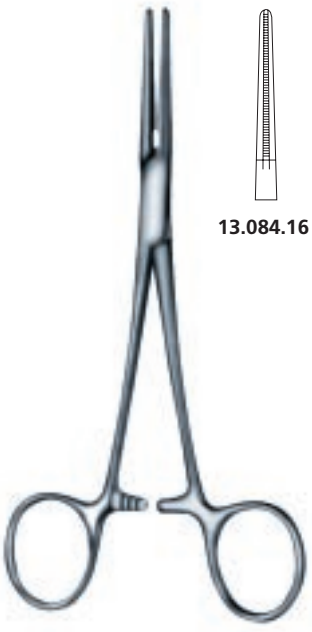
HALSTED
13.080.12 - 13.081.15

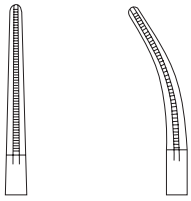




cm		
14	13.082.14	13.083.14
16	13.082.16	13.083.16
18	13.082.18	13.083.18
20	13.082.20	13.083.20

PEAN
13.082.14 - 13.083.20

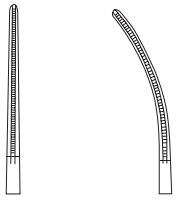




13.084.16 **13.085.16**

RANKIN
13.084.16 - 13.085.16
16 cm





13.102.12 **13.103.12**

DEBAKEY
13.102.12 - 13.103.12
12 cm



DE BAKEY
13.111.12
12 cm



DE BAKEY
13.113.12
12 cm



DE BAKEY
13.121.12
12 cm



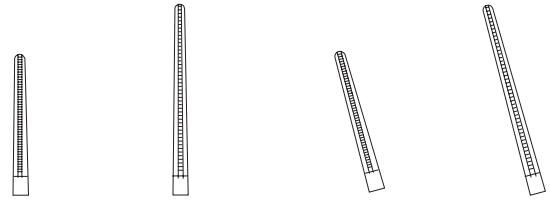
13.131.25
25 cm
13.131.23
23 cm

LEES
13.131.23 - 13.131.25



LEES
13.133.25
25 cm





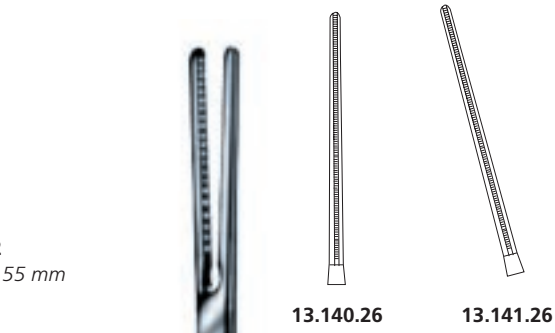
13.140.20
20 cm / 30 mm

13.140.22
22.5 cm / 55 mm

13.141.20
20 cm / 30 mm

13.141.22
22.5 cm / 55 mm

POTTS
13.140.20 - 13.141.22



13.140.26

13.141.26



GLOVER
13.140.26 - 13.141.26
26 cm / 80 mm



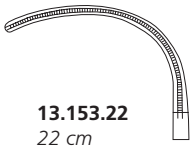
POTTS
13.151.21
21 cm / 55 mm



GLOVER
13.151.24
24 cm



13.153.18
18.5 cm



13.153.22
22 cm

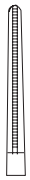


GLOVER
13.153.18 - 13.153.22



GLOVER
13.161.21
21 cm

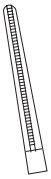




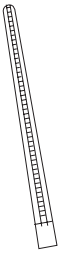
13.170.19
19.5 cm



13.170.22
22 cm



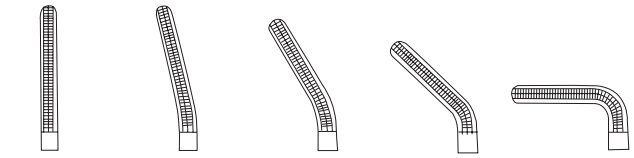
13.171.19
19.5 cm



13.171.22
22 cm

DE BAKEY
13.170.19 - 13.171.22





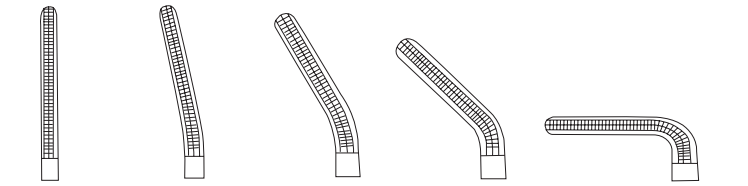
13.172.00
15 cm

13.172.15
15 cm / 15⁰

13.172.30
15 cm / 30⁰

13.172.45
15 cm / 45⁰

13.172.90
14 cm / 90⁰



13.174.00
17 cm / 15⁰

13.174.15
15 cm / 15⁰

13.174.30
15 cm / 30⁰

13.174.45
15 cm / 45⁰

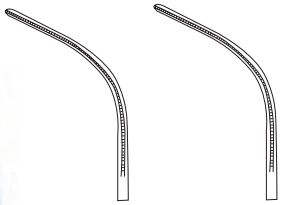
13.174.90
15 cm / 90⁰

DARDIK
13.172.00 - 13.174.90



LELAND JONES
13.181.19
19 cm





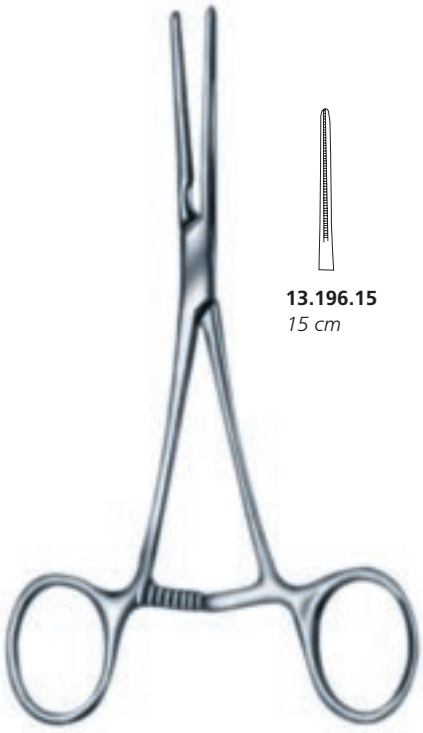
13.183.19
19 cm

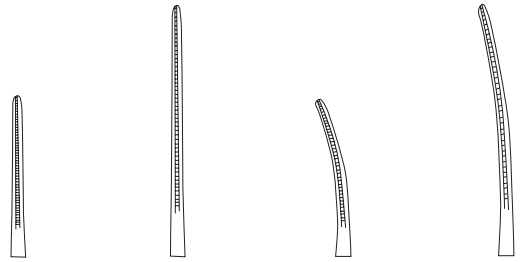
13.183.20
20 cm

DE BAKEY
13.183.19 - 13.183.20



DE BAKEY
13.191.16
16 cm





13.196.15
15 cm

13.196.18
18 cm

13.197.15
15 cm

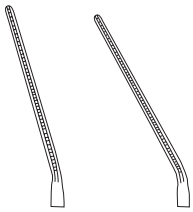
13.197.18
18 cm

BAINBRIDGE
13.196.15 - 13.197.18



LELAND JONES
13.202.19
19 cm





13.203.19 **13.205.19**

LELAND JONES
13.203.19 - 13.205.19
19 cm



LIDDLE
13.209.27
27 cm



LAMBERT KAY
13.211.20
20 cm



LAMBERT KAY
13.213.20
20 cm



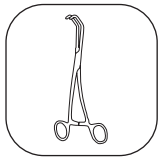
DE BAKEY
13.215.20
20 cm

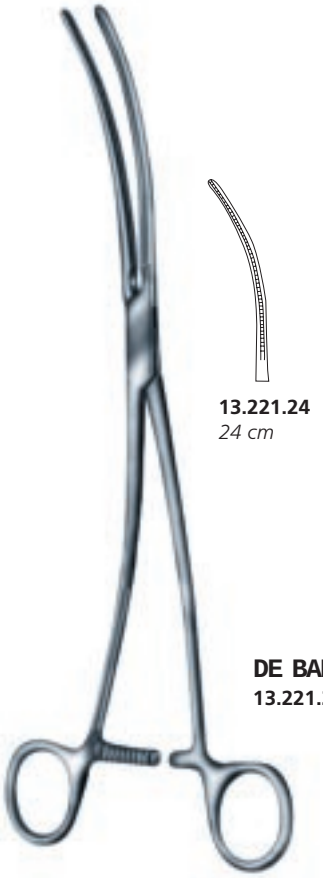


WEBER
13.217.26
26 cm
left



WEBER
13.219.26
26 cm
right

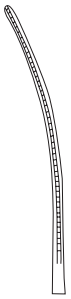




13.221.24
24 cm



13.221.27
27 cm



13.221.31
31 cm

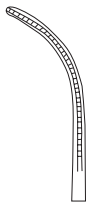


13.221.35
35 cm

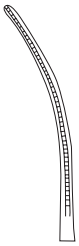
DE BAKEY
13.221.24 - 13.221.35



13.223.24
24 cm



13.223.25
25 cm



13.223.26
26 cm

DE BAKEY - BAHNSON
13.223.24 - 13.223.26

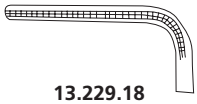


DE BAKEY
13.225.28
28 cm

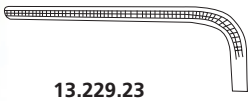


DE BAKEY
13.227.28
28 cm





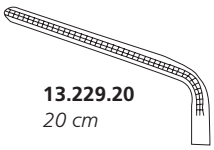
13.229.18
18 cm



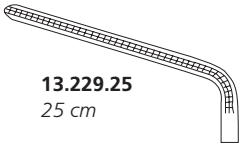
13.229.23
23 cm

DE BAKEY
13.229.18 - 13.229.23





13.229.20
20 cm



13.229.25
25 cm

MORRIS
13.229.20 - 13.229.25
2 x 3 teeth





13.231.18
18 cm



13.231.21
21 cm



13.231.23
23 cm



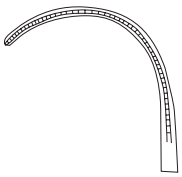
13.231.27
27 cm

DE BAKEY
13.231.18 - 13.231.27

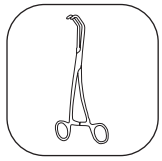


DE BAKEY SEMB
13.241.25
25 cm





DE BAKEY
13.241.26
26 cm





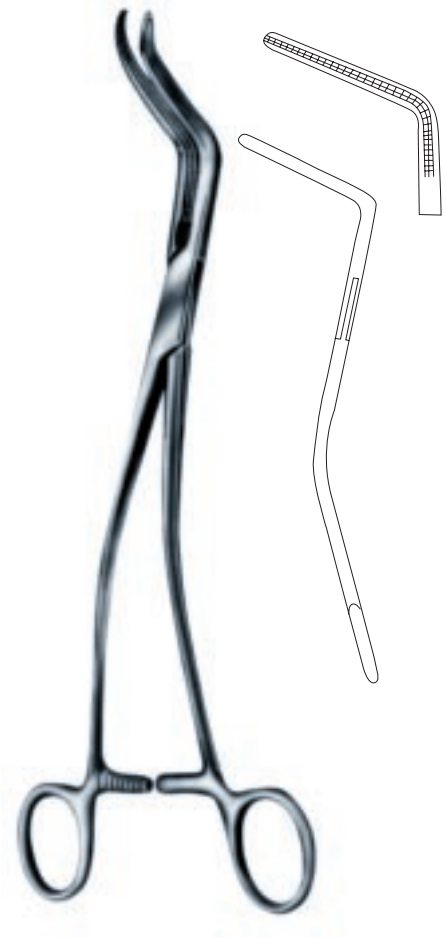
13.251.20
20 cm

13.251.24
24 cm

13.251.25
25 cm

13.251.30
30 cm

DE BAKEY
13.251.20 - 13.251.30



DE BAKEY
13.247.27
27 cm



13.253.20
20 cm

13.253.25
25 cm

13.253.26
26 cm

13.253.27
27 cm

SATINSKY
13.253.20 - 13.253.27



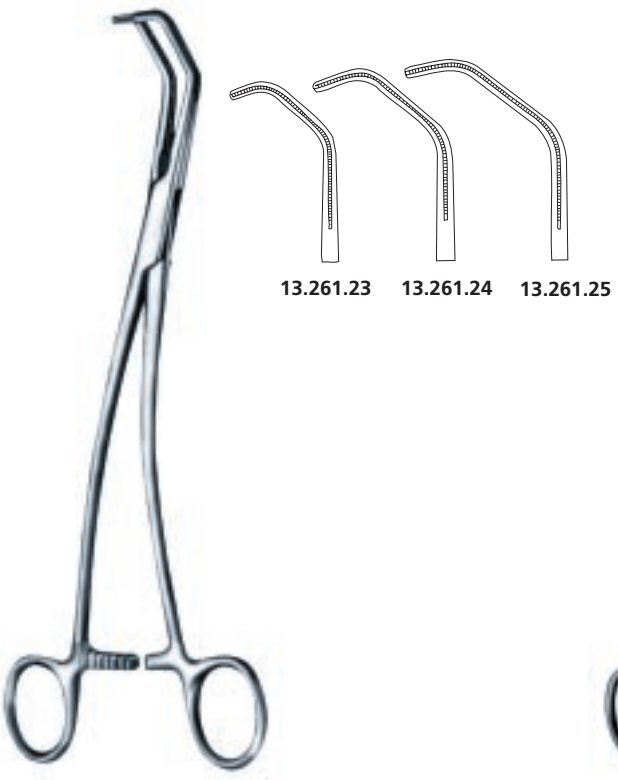
SATINSKY DE BAKEY
13.253.24
24 cm



13.259.01
21 cm

13.259.02
22 cm

WYLIE
13.259.01 - 13.259.02



13.261.23 **13.261.24** **13.261.25**

DE BAKEY SATINSKY
13.261.23 - 13.261.25



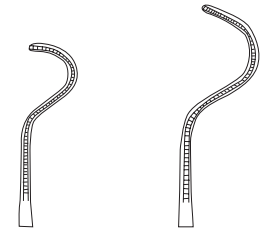
13.263.25 **13.265.24** **13.267.24** **13.269.24**

HARKEN
13.263.25 - 13.269.24



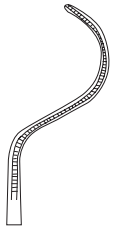
DALE
13.271.18
18.5 cm





13.273.17
17 cm
small

13.273.18
18 cm
medium



13.273.19
19 cm
large

DALE
13.273.17 - 13.273.19

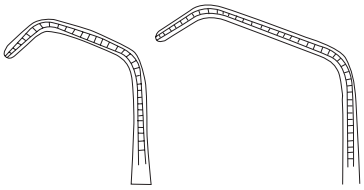


DE BAKEY
13.281.17
17 cm



BECK
13.283.17
17 cm





13.284.20
20.5 cm

13.284.21
21.5 cm

DE BAKEY BECK
13.284.20 - 13.284.21



DE BAKEY
13.285.17
17 cm



DE BAKEY
13.287.17
17 cm



13.288.21
21 cm



13.288.23
23 cm



13.288.27
27 cm



13.288.31
31 cm

POTTS
13.288.21 - 13.288.31

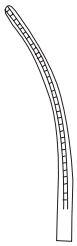


POTTS
13.289.21 - 13.289.31

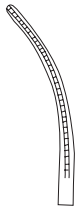
13.289.31
31 cm



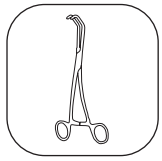
13.289.27
27 cm

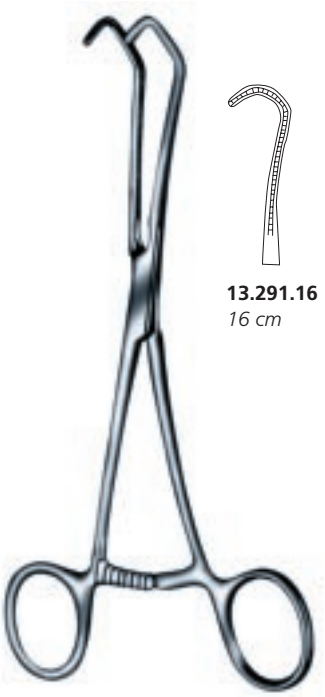


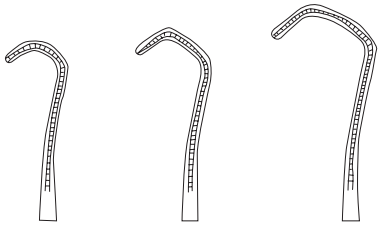
13.289.23
23 cm



13.289.21
21 cm







13.291.16
16 cm

13.291.17
17 cm

13.291.18
18 cm

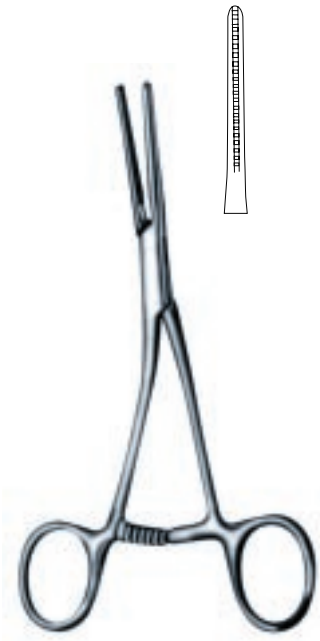
DERRA
13.291.16 - 13.291.18



DE BAKEY
13.302.16
16 cm



DE BAKEY
13.302.17
17 cm

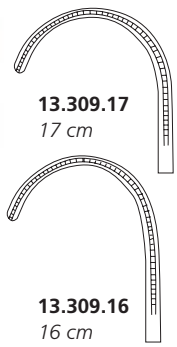


DE BAKEY
13.303.15 - 13.305.15
15.5 cm



DE BAKEY
13.307.17
17 cm





13.309.17
17 cm

13.309.16
16 cm

DE BAKEY
13.309.16 - 13.309.17



13.311.14
14 cm

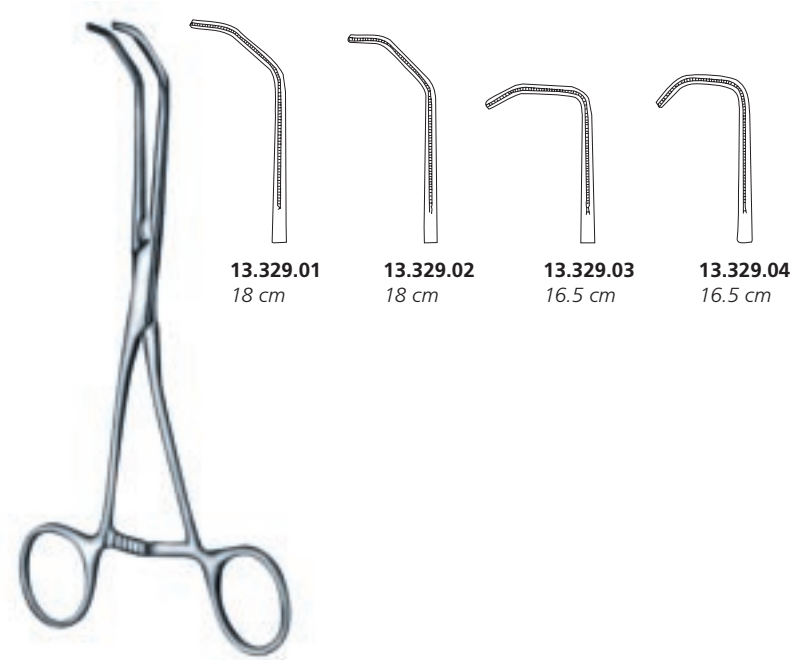
13.311.15
15 cm

13.311.16
16 cm

DE BAKEY
13.311.14 - 13.311.16



GLOVER
13.321.17
17 cm



13.329.01
18 cm

13.329.02
18 cm

13.329.03
16.5 cm

13.329.04
16.5 cm

DE BAKEY REYNOLDS
13.329.01 - 13.329.04



SUBRAMANIAN
13.331.15
15 cm



SUBRAMANIAN
13.333.16
16 cm
right



SUBRAMANIAN
13.335.16
16 cm
left



OCHSNER
13.337.23
23 cm



DIETHRICH
13.339.21
21 cm





13.341.19
19 cm



13.341.20
20 cm



13.341.23
23 cm

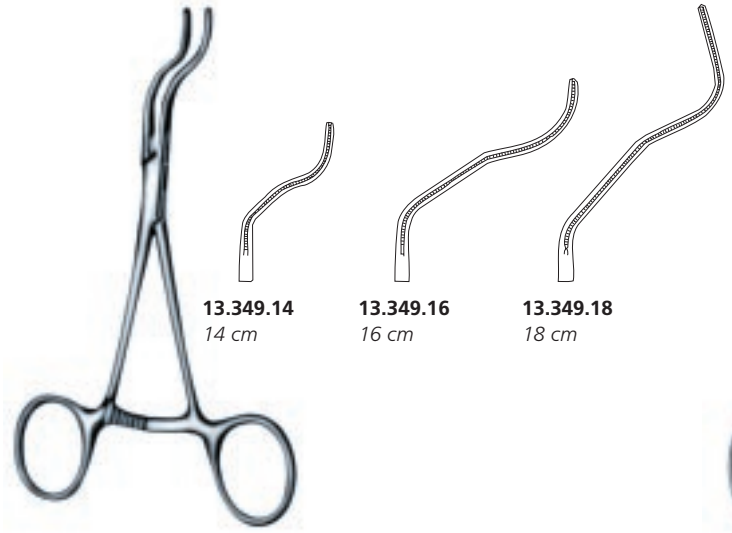
DE BAKEY
13.341.19 - 13.341.23



JAVID
13.343.18
18 cm



JAVID
13.343.19
19 cm

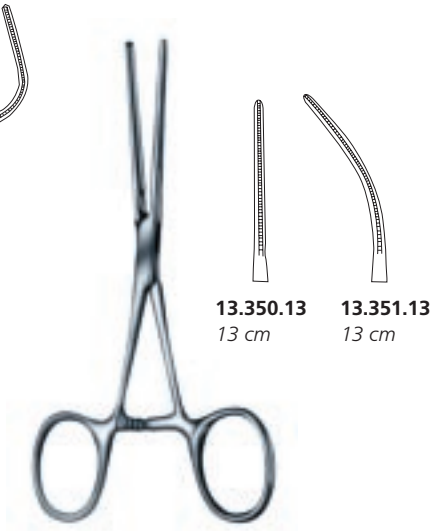


13.349.14
14 cm

13.349.16
16 cm

13.349.18
18 cm

GREGORY
13.349.14 - 13.349.18



13.350.13
13 cm

13.351.13
13 cm

COOLEY
13.350.13 - 13.351.13
13 cm



COOLEY
13.353.13
13.5 cm



COOLEY
13.355.13
13 cm



COOLEY
13.357.12
12.5 cm



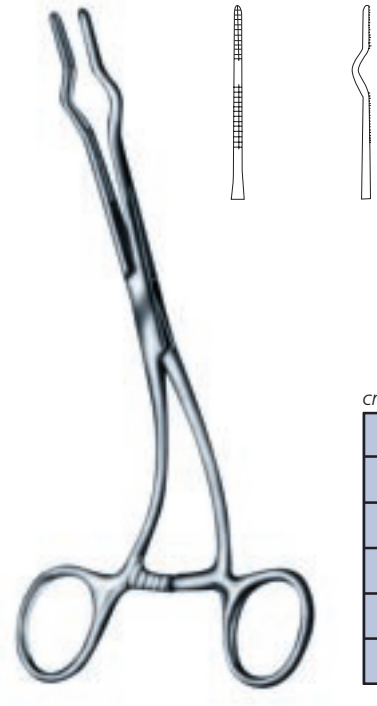
COOLEY
13.359.10
10.5 cm



COOLEY
13.361.12
12 cm



COOLEY
13.363.13
13.5 cm



COOLEY
13.371.24 - 13.373.36

cm	
24	**13.371.24**
26	**13.371.26**
28	**13.373.28**
30	**13.373.30**
32	**13.373.32**
36	**13.373.36**



13.376.14
14 cm

13.376.16
16 cm

13.377.14
14 cm

13.377.16
16 cm

COOLEY
13.376.14 - 13.377.16



COOLEY
13.379.14
14 cm



COOLEY
13.380.14
14 cm



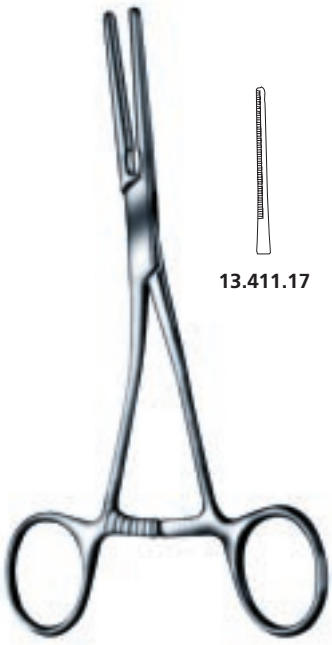
COOLEY
13.381.14
14 cm



COOLEY
13.405.27
27 cm



COOLEY
13.410.17
17 cm



13.411.17



13.413.17



13.415.17

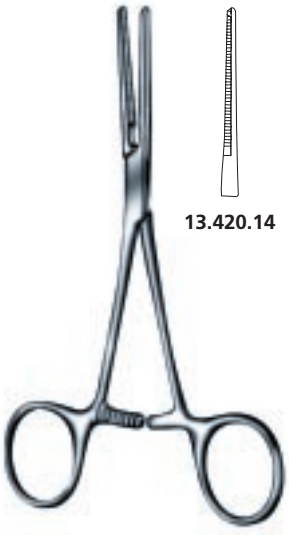
COOLEY
13.411.17 - 13.415.17
17 cm



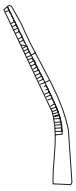
COOLEY
13.417.21
21 cm
13.417.25
25 cm



COOLEY
13.419.21
21 cm



13.420.14



13.421.14

COOLEY
13.420.14 - 13.421.14
14 cm



COOLEY
13.423.14
14 cm



COOLEY
13.425.14
14 cm

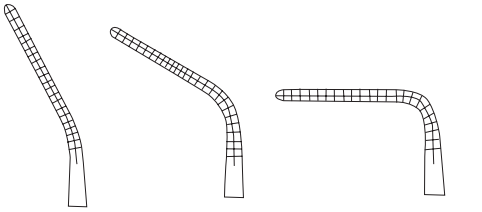


13.427.16
16 cm

13.427.15
15 cm

COOLEY
13.427.15 - 13.427.16





13.431.25
25º

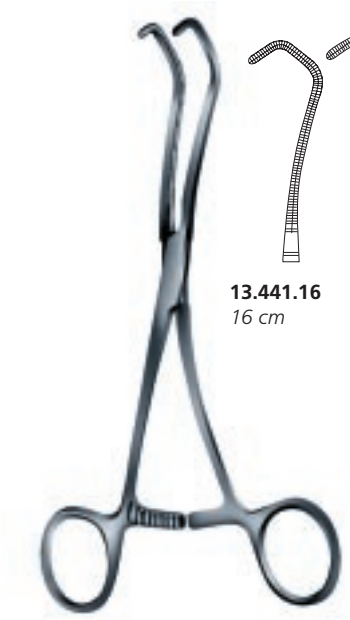
13.431.45
45º

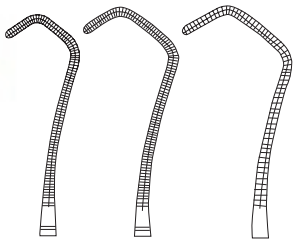
13.431.90
90º

COOLEY
13.431.25 - 13.421.90



COOLEY
13.433.14
14 cm





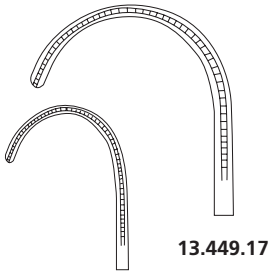
13.441.16
16 cm

13.441.17
17 cm

13.441.18
18 cm

COOLEY
13.441.16 - 13.441.18



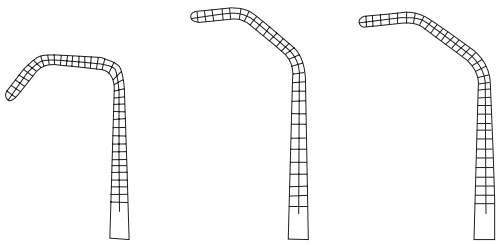


13.447.17

13.449.17

COOLEY
13.447.17 - 13.449.17
17 cm





13.451.16
16 cm

13.453.16
16 cm

13.455.17
17 cm

COOLEY
13.451.16 - 13.451.17



COOLEY
13.457.17
17 cm



COOLEY
13.461.17
17 cm



COOLEY
13.465.18
18 cm



COOLEY
13.465.19
19 cm



COOLEY
13.465.26
26 cm



COOLEY
13.467.27
27 cm



13.481.13
13 cm



13.483.13 *13 cm*
13.485.13 *13 cm*
13.487.13 *12 cm*
13.489.13 *10 cm*
13.491.15 *15 cm*
13.493.15 *15 cm*
13.495.12 *12 cm*
13.495.15 *15 cm*

CASTAÑEDA
13.483.13 - 13.489.13

13.491.15 - 13.495.15



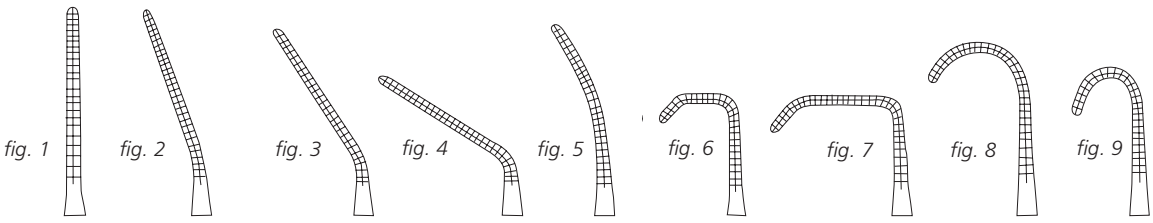
13.502.01 - 13.502.09



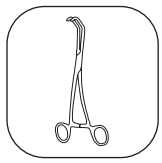
13.503.01 - 13.503.09

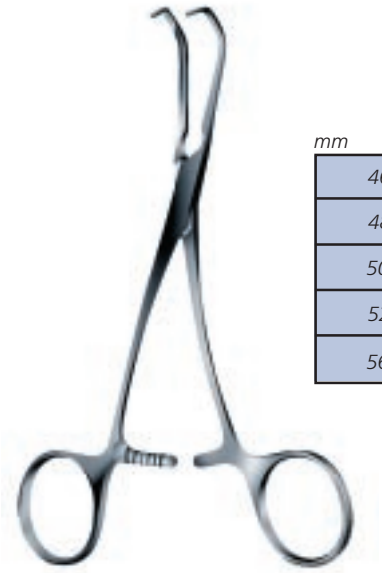


13.505.01 - 13.505.09



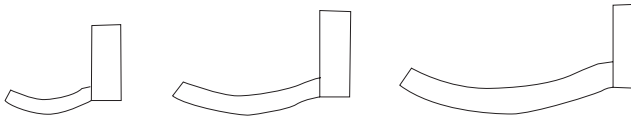
13.502.01	13.502.02	13.502.03	13.502.04	13.502.05	13.502.06	13.502.07	13.502.08	13.502.09
13.503.01	13.503.02	13.503.03	13.503.04	13.503.05	13.503.06	13.503.07	13.503.08	13.503.09
13.505.01	13.505.02	13.505.03	13.505.04	13.505.05	13.505.06	13.505.07	13.505.08	13.505.09





CASTAÑEDA
13.515.46 - 13.515.56
15.5 cm

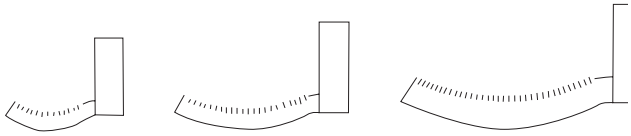
mm	
46	**13.515.46**
48	**13.515.48**
50	**13.515.50**
52	**13.515.52**
56	**13.515.56**



13.609.12
12 mm

13.609.20
20 mm

13.609.30
30 mm



13.611.12
12 mm

13.611.20
20 mm

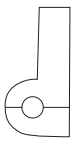
13.611.30
30 mm



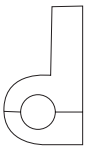
13.609.12 - 13.611.30



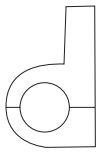
13.615.03 - 13.615.09



13.615.03
22 cm
ø 3 mm



13.615.05
22 cm
ø 5 mm



13.615.07
22 cm
ø 7 mm

13.615.09
22 cm
ø 9 mm

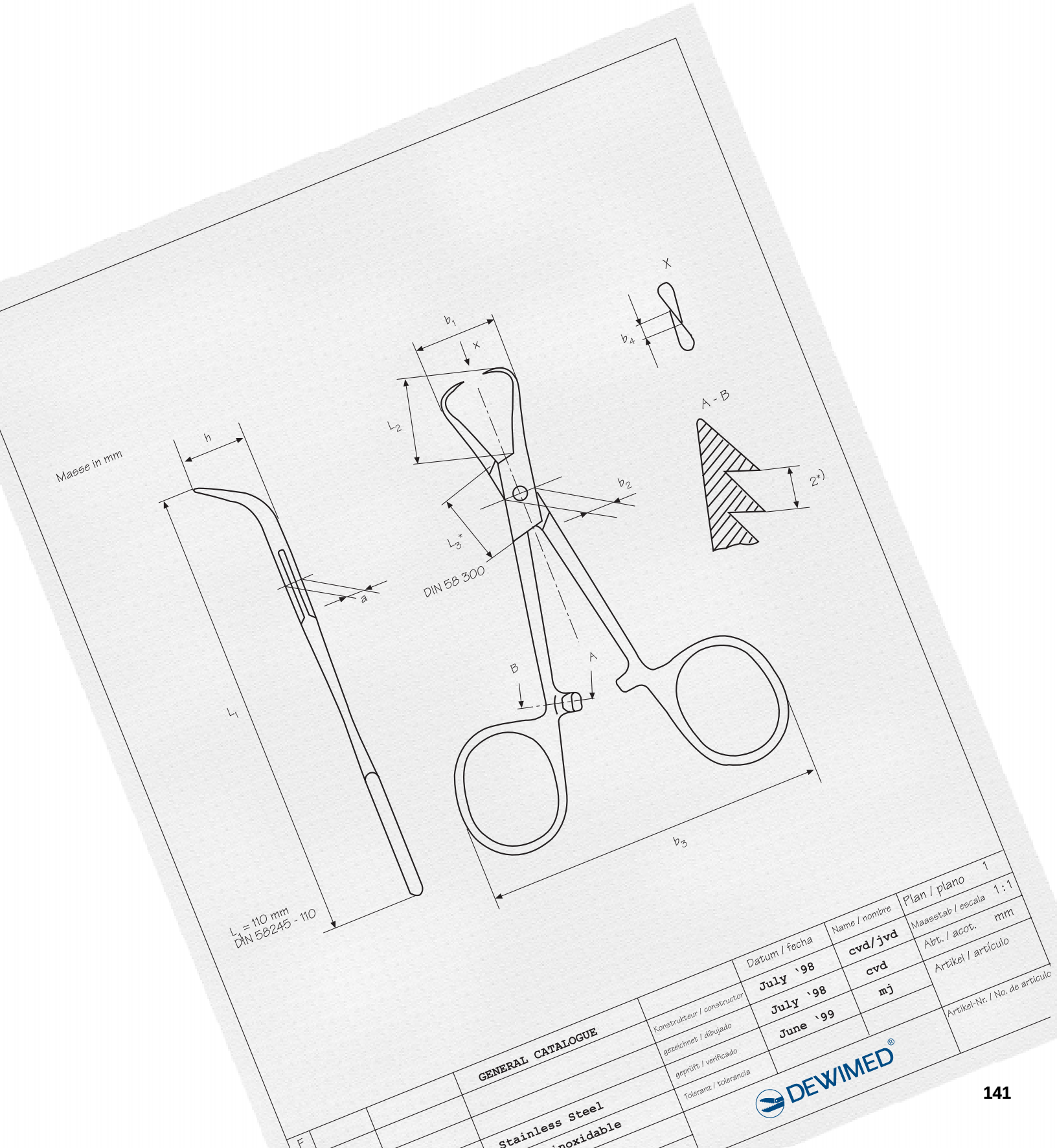


Adriaen Brouwer
17th century

Operation on the Back
Barber surgeons and a miscellany of self-designed healers provided care to great proportion of rural Europeans in modern times of the 17th century.

Operaión en la Espalda
En Europa barberos cirujanos y otros curanders daban atención a una gran parte de los campecinos en la época moderna del siglo XVII.

Operation auf dem Rücken
Zu modernen Zeiten des 17. Jahrhudert wurden die Leute auf dem Lande in Europa von Barbiers und anderen Quacksalbern geheilt.


Masse in mm
h
a
L1
L1 = 110 mm
DIN 58245 - 110
b1
x
L2
L3*
DIN 58 300
b2
X
b4
A - B
2*)
B
A
b3
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



SCHAEDEL
14.101.09
9 cm

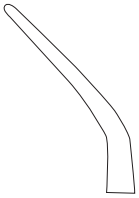


JONES
14.103.09
9 cm



JONES clip
14.105.09
9 cm





cm

9	**14.111.09**
11	**14.111.11**
13	**14.111.13**
15	**14.111.15**

BACKHAUS
14.111.09 - 14.111.15



BACKHAUS clip
14.115.11
11 cm



ROEDER
14.117.13
13 cm





cm	
9	**14.121.09**
11	**14.121.11**
13	**14.121.13**

LORNA
14.121.09 - 14.121.13



ball and socket
14.123.13
13 cm



BERNHARD
14.140.16
16.5 cm



MOYNIHAN
14.150.19
19 cm



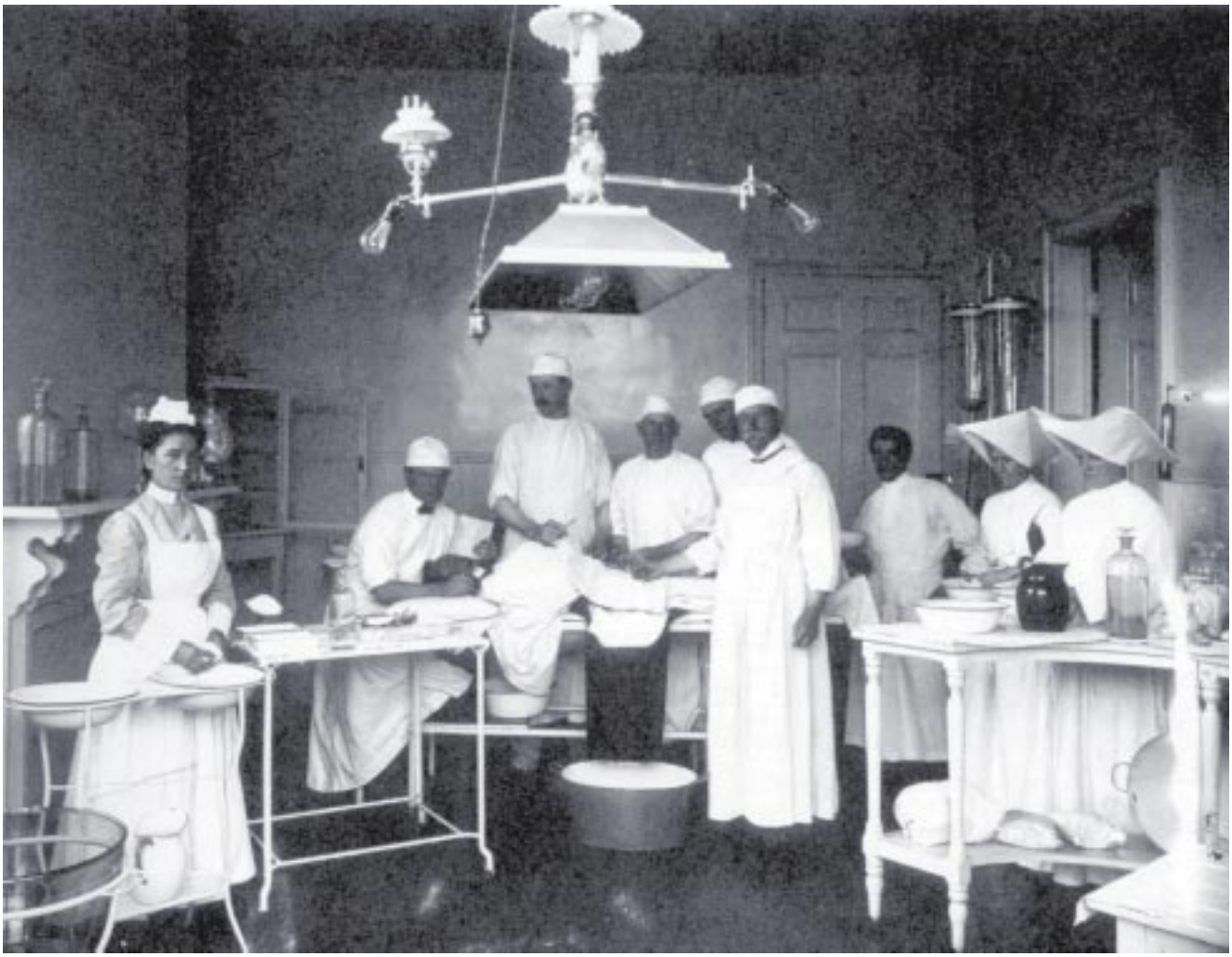
cm	
14	**14.161.14**
18	**14.161.18**

DOYEN
14.161.14 - 14.161.18



cm	
13	**14.164.13**
15	**14.164.15**
20	**14.164.20**

LANE
14.164.13 - 14.164.20



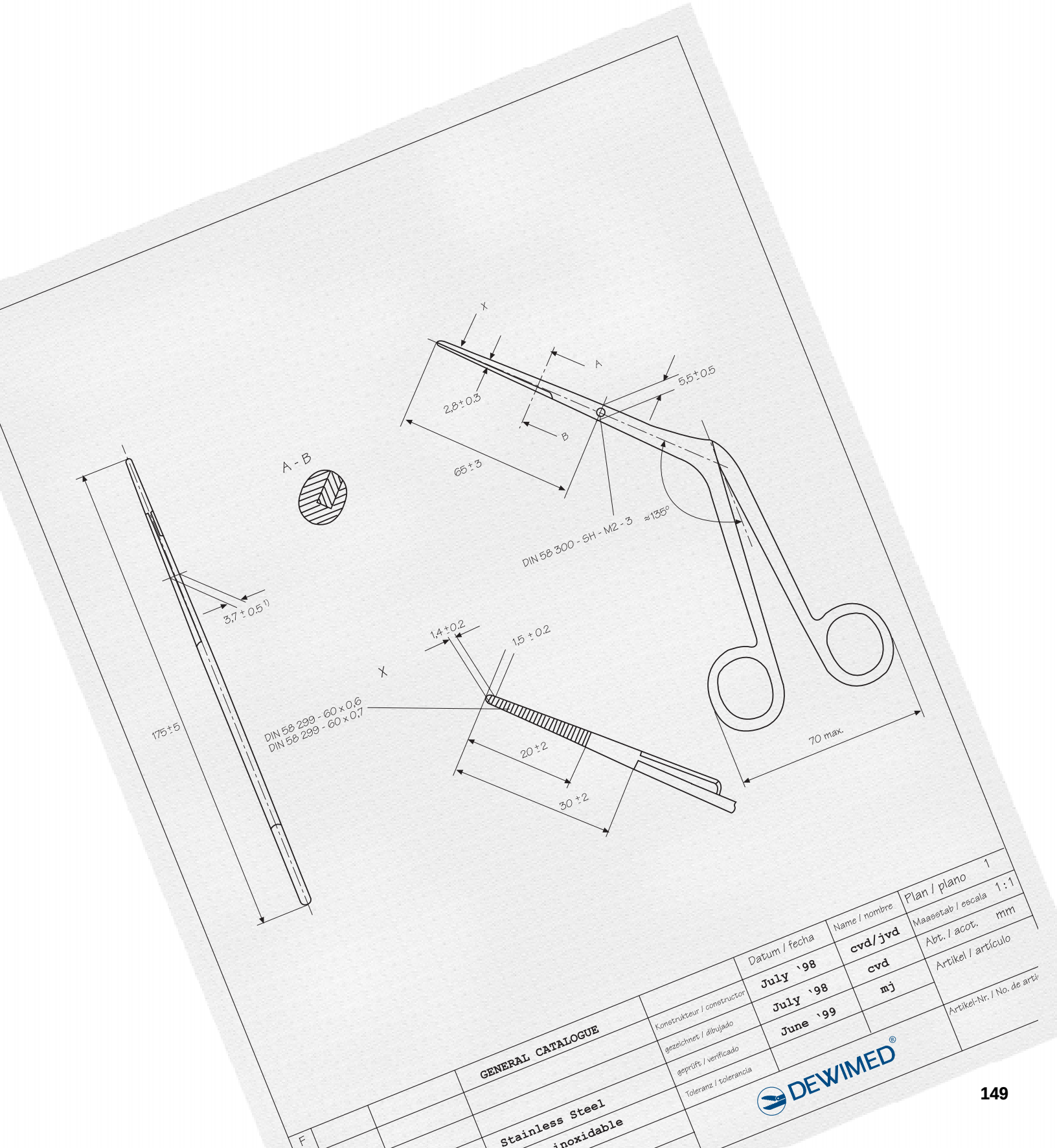
William E. Wilson
1902

Drs. Howard, Frazer and Jackson
... demostrating an operation for students, City Hospital, Mobile, Alabama

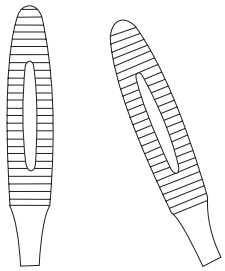
Doctores Howard, Frazer y Jackson
... haciendo una demostración de cirugía para estudiantes en el City Hospital, Mobile, Alabama

Doktoren Howard, Frazer und Jackson
... machen eine Vorstellung einer Operation für Studenten, City Hospital, Mobile, Alabama

Polypus and Dressing Forceps
Pinzas para Pólipos y Esponjas
Tupfer- und Kornzangen





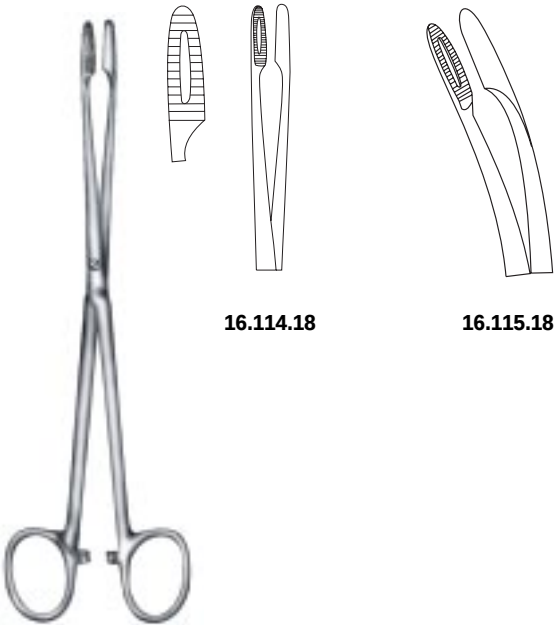


cm		
20	16.110.20	16.111.20
22	16.110.22	
25	16.110.25	16.111.25
27	16.110.27	16.111.27

GROSS MAIER
16.110.20 - 16.111.27



MAIER
16.111.22
22 cm

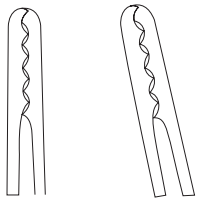


16.114.18

16.115.18

GROSS
16.114.18 - 16.115.18
18 cm

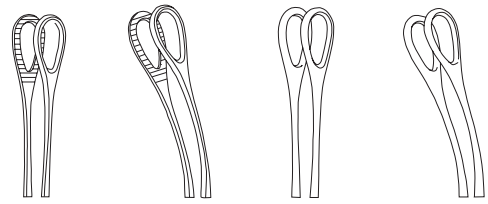




cm		
22	16.160.22	16.161.22
25	16.160.25	16.161.25

ULRICH
16.160.22 - 16.161.25

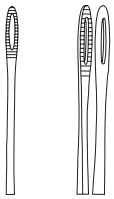




cm				
18	16.170.18	16.171.18	16.172.18	16.173.18
20	16.170.20	16.171.20		
25	16.170.25	16.171.25	16.172.25	16.173.25

FOERSTER
16.170.18 - 16.173.25



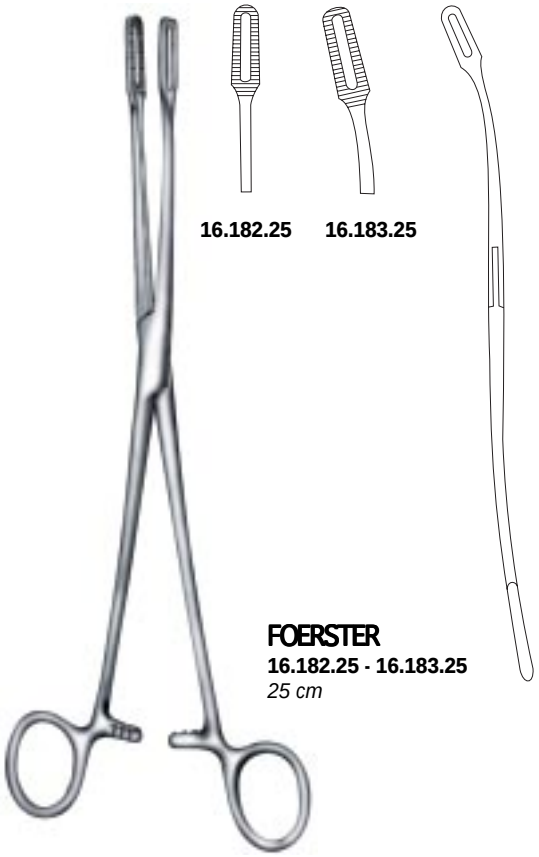


16.174.25 16.175.25

FOERSTER
16.174.25 - 16.175.25
25 cm



RAMPLEY
16.180.25
25 cm

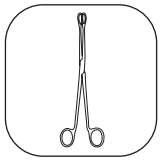


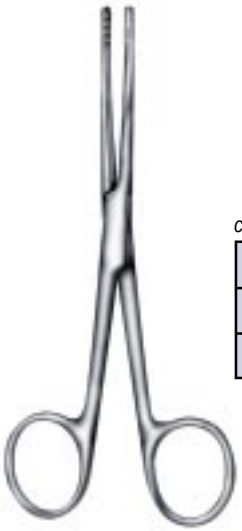
16.182.25 16.183.25

FOERSTER
16.182.25 - 16.183.25
25 cm



BRYANT
16.207.13
13 cm





cm

13	**16.210.13**
16	**16.210.16**
18	**16.210.18**

LISTER
16.210.13 - 16.210.18



COLLIN
16.220.25
25 cm



PELKMANN
16.226.25
25 cm



PELKMANN
16.227.25
25 cm



CHERON
16.229.25
25 cm



BOZEMANN
16.230.26 - 16.231.26
26 cm



BOZEMANN
16.233.26
26 cm

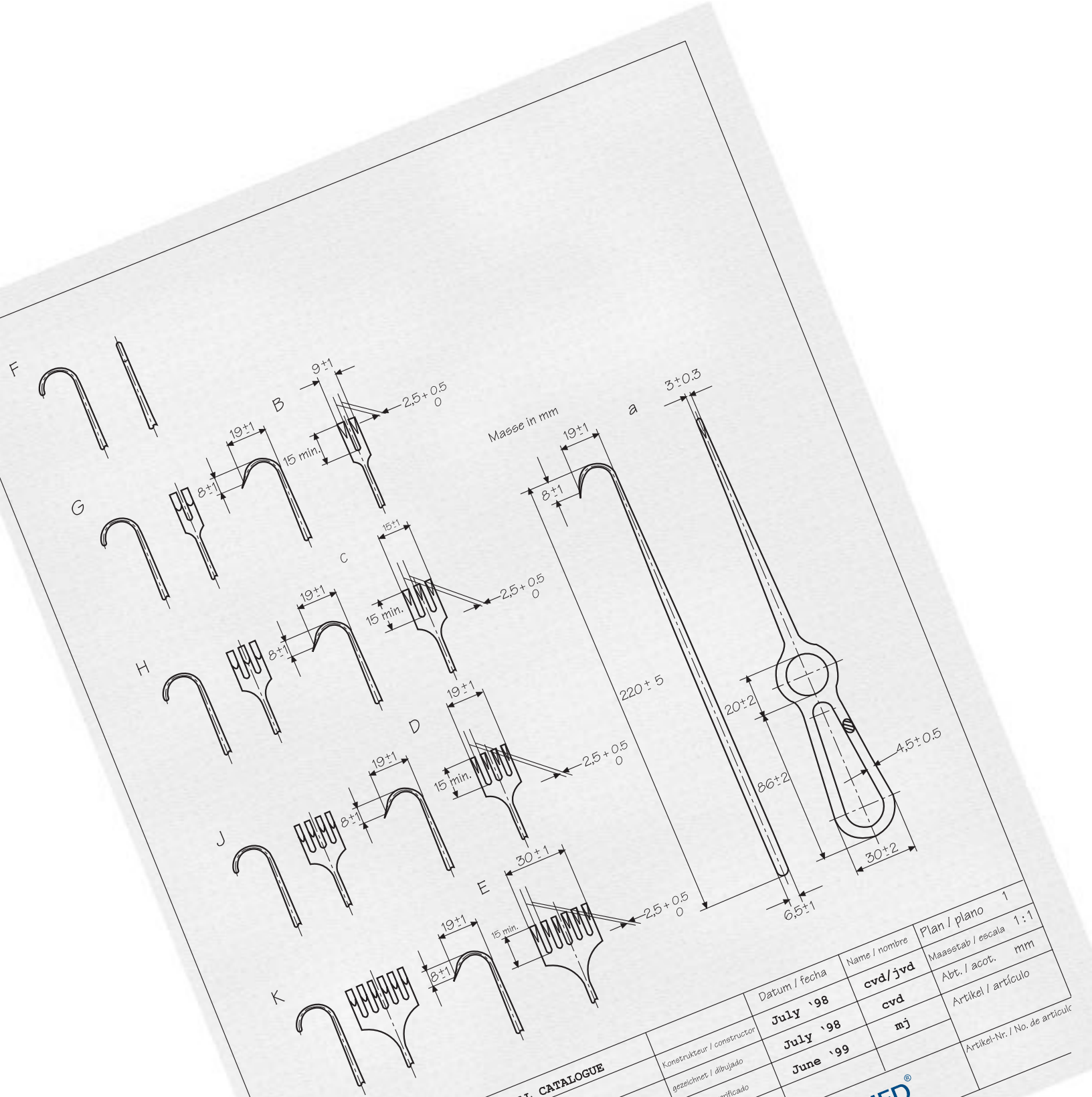


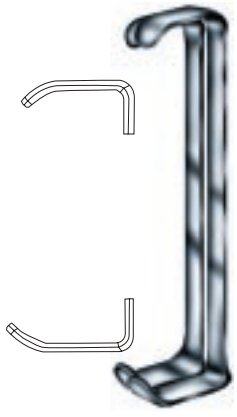
16.244.17 **16.245.17**

16.244.17 - 16.245.17
17 cm



DUPLAY
16.247.20
20 cm

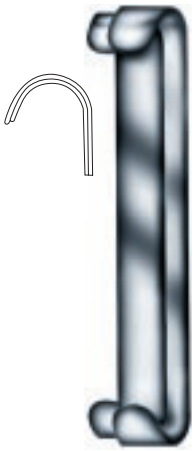

F
G
H
J
K
B
C
D
E
a
Masse in mm
9±1
19±1
8±1
15 min.
2,5 +0.5 0
15±1
3±0.3
220±5
20±2
86±2
4,5±0.5
30±2
6,5±1
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



FARABEUF
18.102.12
12 cm



FARABEUF
18.102.15
15 cm



PARKER
18.110.13
13.5 cm



PARKER
18.110.18
18 cm



MAYO COLLIN
18.112.15



18.120.00
set complete

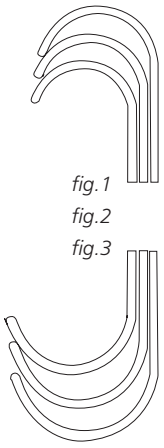


fig.1
fig.2
fig.3

ROUX

		cm	mm	mm
fig. 1	**18.120.14**	14	*24 x 20*	*30 x 28*
fig. 2	**18.120.15**	15	*29 x 26*	*36 x 36*
fig. 3	**18.120.17**	17	*35 x 29*	*38 x 43*



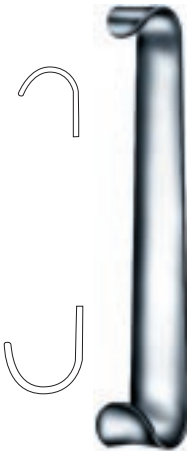
ROUX
18.121.01
25 x 28 / 20 x 22 mm



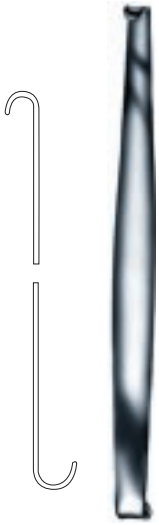
ROUX
18.121.02
29 x 38 / 23 x 26 mm



ROUX
18.121.03
34 x 44 / 29 x 29 mm



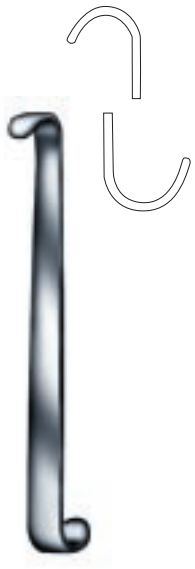
ROUX baby
18.122.13
13 cm



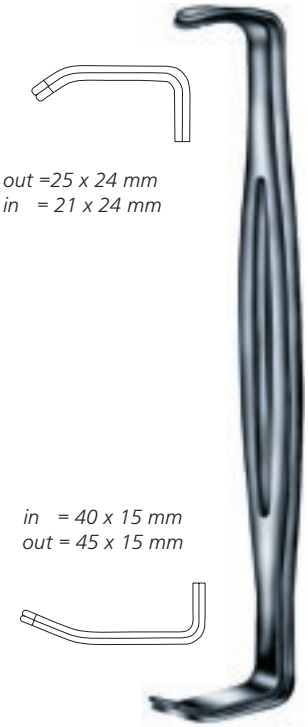
ROUX mini
18.124.15
15 cm



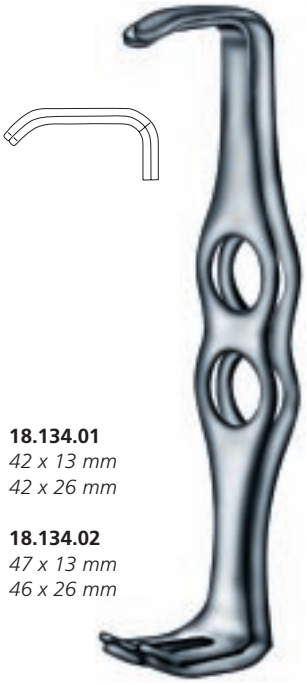
CRILE
18.127.11
11.5 cm



LUER
18.128.11
11.5 cm



PARKER LANGENBECK (U.S.Army)
18.131.21
21 cm



18.134.01
42 x 13 mm
42 x 26 mm

18.134.02
47 x 13 mm
46 x 26 mm

MATHIEU
18.134.20
set
20 cm



GOELET
18.135.19
19 cm



CZERNY
18.136.20
32 x 22 mm

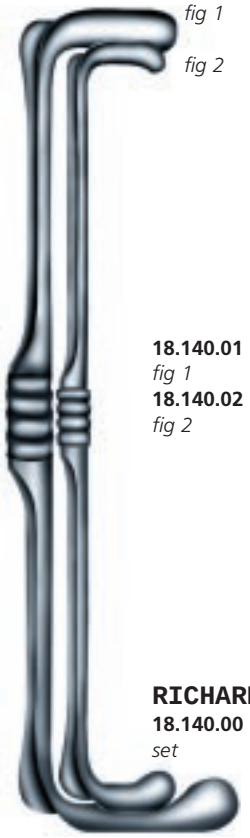


COLLIN HARTMANN
18.137.16
16 cm



COOLEY
18.138.38
14 x 17 mm *14 x 38 mm*
18.138.45
14 x 21 mm *14 x 45 mm*

fig 1
fig 2



18.140.01
fig 1
18.140.02
fig 2

RICHARDSON EASTMAN
18.140.00
set





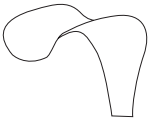
18.150.01
28 x 20 mm



18.150.02
26 x 28 mm



18.150.03
44 x 38 mm



18.150.04
52 x 22 mm

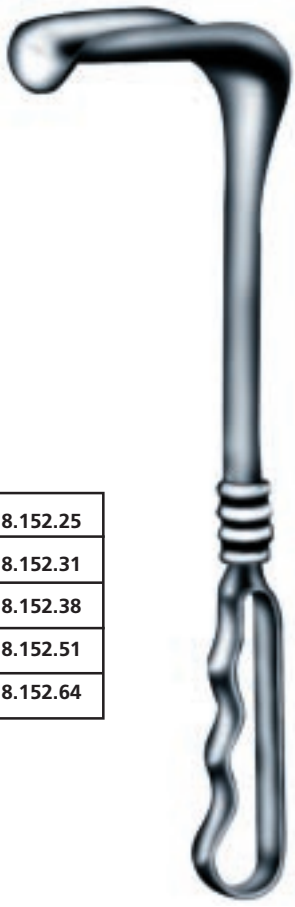
RICHARDSON
18.150.01 - 18.150.03



mm

20 x 25	**18.152.25**
25 x 31	**18.152.31**
38 x 38	**18.152.38**
19 x 51	**18.152.51**
41 x 64	**18.152.64**

RICHARDSON grip
18.152.25 - 18.152.64



KELLY
18.156.26
26 cm

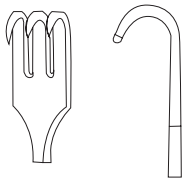


mm

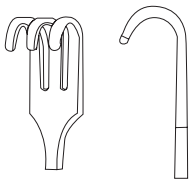
38 x 51	**18.158.51**
51 x 64	**18.158.64**
64 x 76	**18.158.76**
70 x 82	**18.158.82**

KELLY grip
18.158.51 - 18.158.82



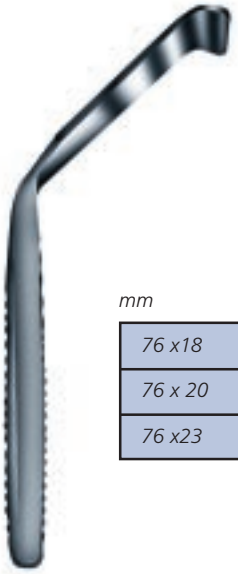


18.160.17



18.161.17

SENN
18.160.17 - 18.161.17
17 cm



mm

76 x18	**18.165.18**
76 x 20	**18.165.20**
76 x23	**18.165.23**

CLOWARD
18.165.18 - 18.165.23



MIKULICZ
18.167.25
25 cm 29 mm



mm

6 x 200	**18.168.06**
9 x 200	**18.168.09**
12 x 200	**18.168.12**
17 x 200	**18.168.17**
20 x 200	**18.168.20**
25 x 250	**18.168.25**

RIBBON
18.168.12 - 18.168.25
malleable



mm

19 x 330	**18.170.19**
25 x 330	**18.170.25**
32 x 330	**18.170.32**
40 x 330	**18.170.40**
50 x 330	**18.170.50**

RIBBON
18.170.25 - 18.170.50
malleable



cm/mm x mm

17/25x200	**18.174.17**
25/30x250	**18.174.25**
37/45x300	**18.174.37**

HABERER
18.174.17 - 18.174.37
malleable



REVERDIN
18.175.28
28 cm



DEAVER
18.180.19
19 x 180 mm



DEAVER
18.181.22
22 x 215 mm



DEAVER
18.181.25
25 x 230 mm



DEAVER
18.183.25
25 x 300 mm



DEAVER
18.185.25
25 x 330 mm



DEAVER
18.187.25
25 x 360 mm



DEAVER
18.187.38
38 x 300 mm



DEAVER
18.187.50
50 x 300 mm



DEAVER
18.187.75
75 x 300 mm



DEAVER Grip

mm

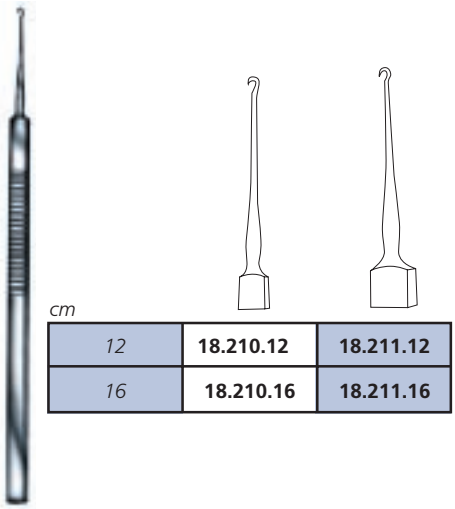
25 x 310	**18.189.25**
38 x 310	**18.189.38**
50 x 310	**18.189.50**
75 x 310	**18.189.75**



HARRINGTON

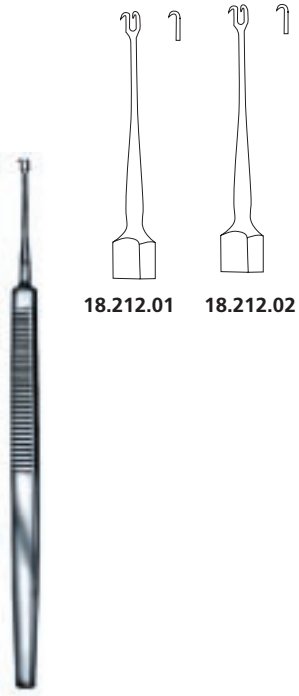
mm

25 x 230	**18.191.25**
40 x 320	**18.191.40**
62 x 320	**18.191.62**



cm		
12	18.210.12	18.211.12
16	18.210.16	18.211.16

GRAEFE (iris)
18.210.12 - 18.211.16

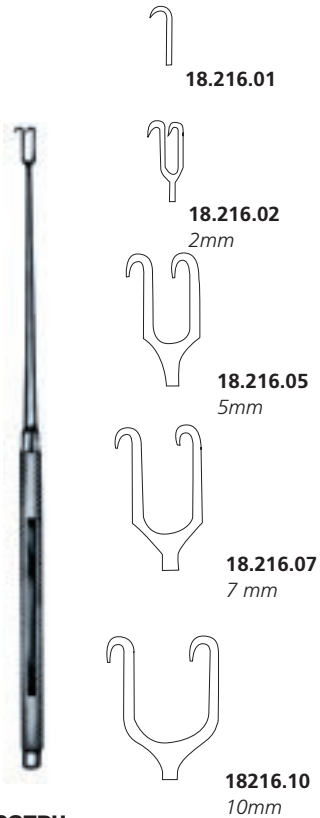


18.212.01 18.212.02

GUTHRIE
18.212.01 - 18.212.02
13 cm

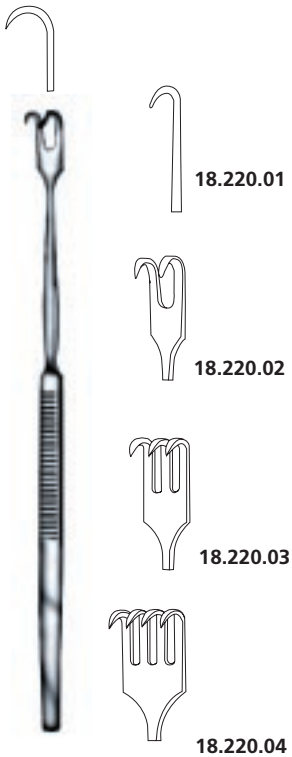


FRAZIER
18.214.13 - 18.214.18
12.5 cm



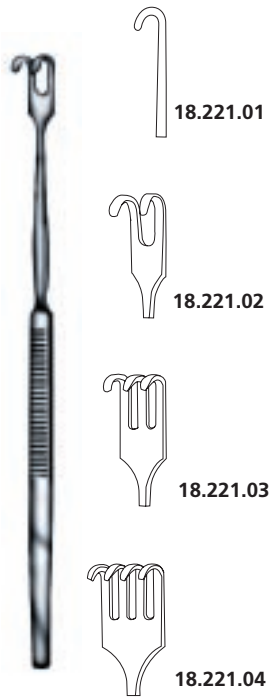
18.216.01
18.216.02
2mm
18.216.05
5mm
18.216.07
7 mm
18216.10
10mm

JOSEPH
18.216.01 - 18.216.10
16 cm



18.220.01
18.220.02
18.220.03
18.220.04

18.220.01 - 18.220.04
17 cm

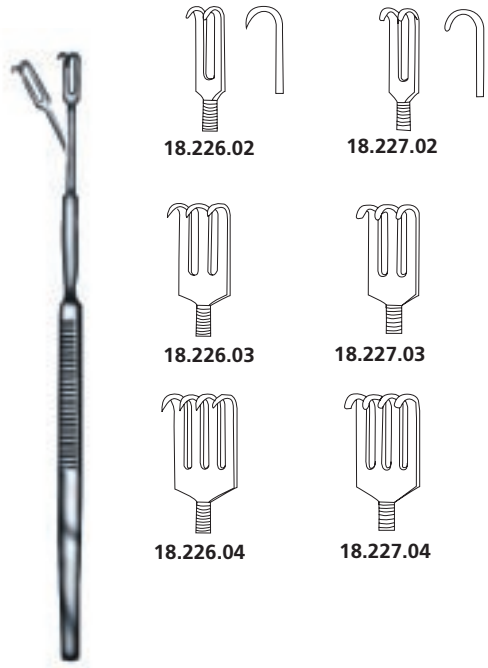


18.221.01
18.221.02
18.221.03
18.221.04

18.221.01 - 18.221.04
16 cm



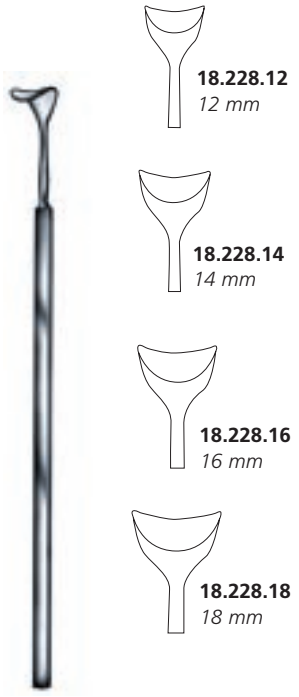
18.224.04 - 18.225.04
16.5 cm



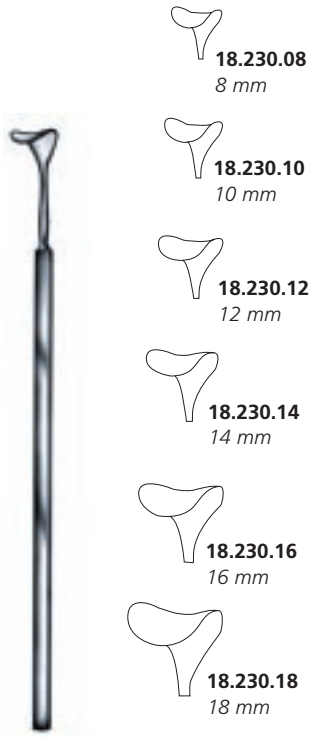
18.226.02 - 18.227.04
16 cm



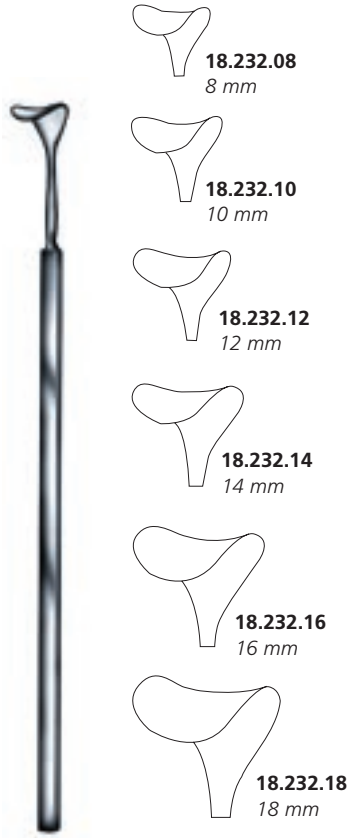
PAUL
18.228.03
11 x 8 mm



DESMARRES
18.228.12 - 18.230.18



DESMARRES
18.230.08 - 18.230.18
16 cm



CUSHING
18.232.08 - 18.232.18
20 cm

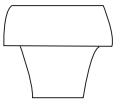


CUSHING
18.234.20
20 cm

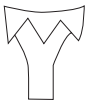


CUSHING
18.234.21
21.5 cm





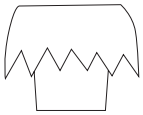
18.235.00
19 mm



18.235.03
13 mm
3 teeths

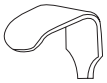


18.235.04
15 mm
4 teeths



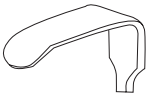
18.235.06
19 mm
6 teeths

OLDBERG
18.235.00 - 18.235.06
21 cm



18.240.10
10 x 6 mm





18.240.20
20 x 6 mm

SENN GREEN
18.240.10 - 18.240 20
15 cm





18.242.08
8 mm



18.242.10
10 mm



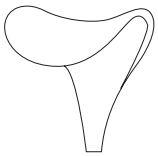
18.242.12
12 mm



18.242.14
14 mm



18.242.16
16 cm



18.242.18
18 mm

18.242.08 - 18.242.18
24 mm





18.244.01



18.244.02

18.244.01 - 18.244.02
16 cm



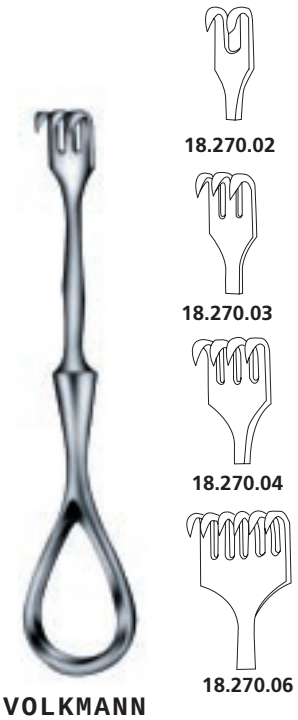
hook for vasectomy
18.245.01
15 cm



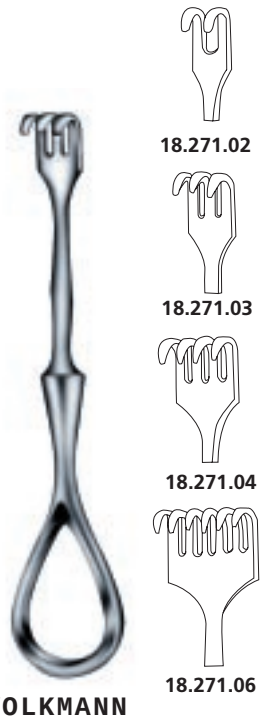
LANGENBECK GREEN
18.246.16 - 18.246.24
16 cm



18.248.10
16 cm 10 x 13 mm



VOLKMANN
18.270.02 - 18.270.06
11.5 cm



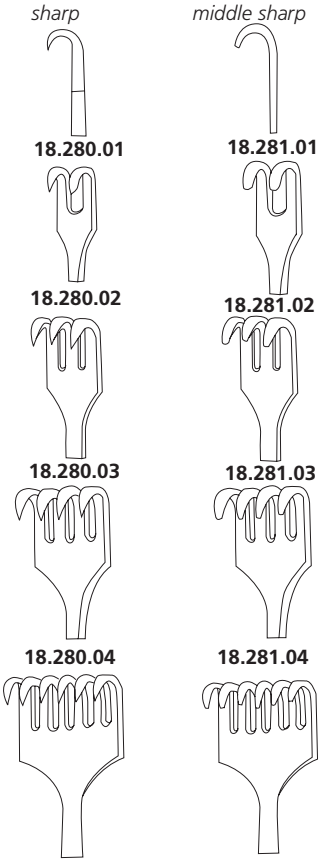
VOLKMANN
18.271.02 - 18.271.06
11.5 cm



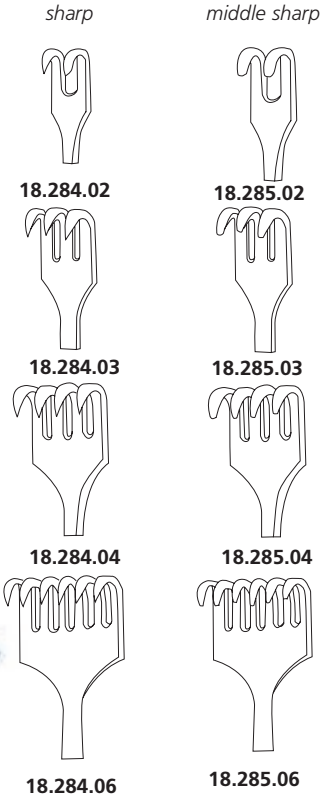
VOLKMANN
18.279.04 - 18.279.06



VOLKMANN
18.280.01 - 18.281.06
21.5 cm







MURPHY
18.284.02 - 18.285.06
19.5 cm



VOLKMANN
18.290.01 - 18.291.06
21.5 cm

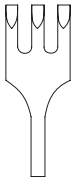
sharp



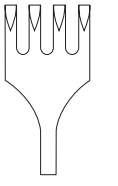
18.290.01



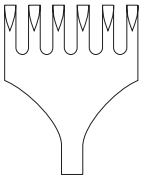
18.290.02



18.290.03



18.290.04



18.290.06

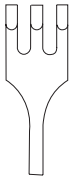
middle sharp



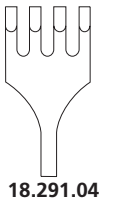
18.291.01



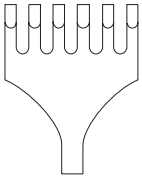
18.291.02



18.291.03



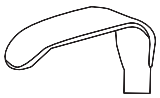
18.291.04



18.291.06



MEYERDING
18.302.01 - 18.302.06
18 cm



18.302.01
18 x 7 mm



18.302.02
16 x 5 mm



18.302.03
7 x 4 mm



18.302.04
7 x 4 mm

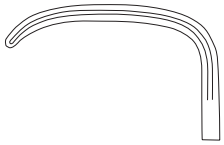


18.302.05
10 x 3 mm



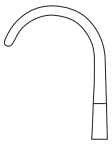
18.302.06
10 x 4 mm





LAHEY
18.304.19
28 x 6 mm
19 cm



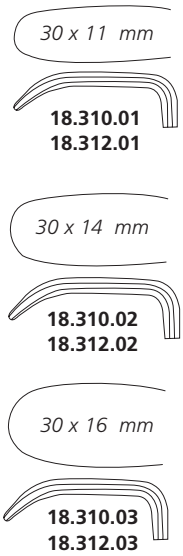


LITTLE
18.306.20
20 cm



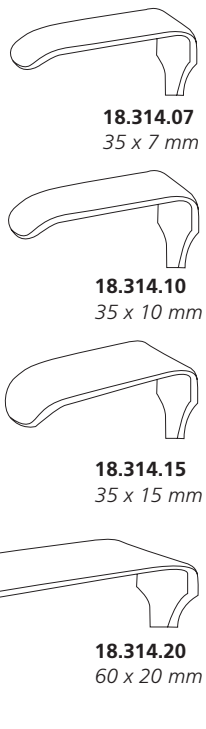
LANGENBECK
18.310.01 - 18.310.05
22 cm





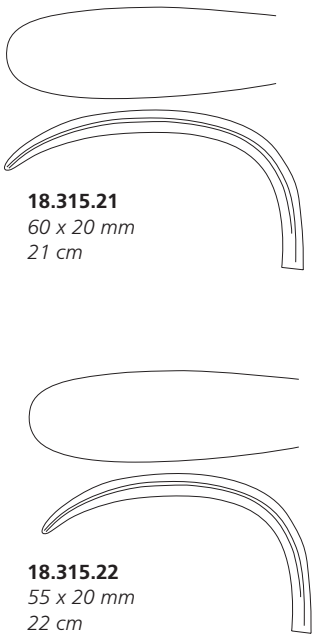
LANGENBECK
18.312.01 - 18.312.07
21 cm





LANGENBECK
18.314.07 - 18.314.20
21 cm

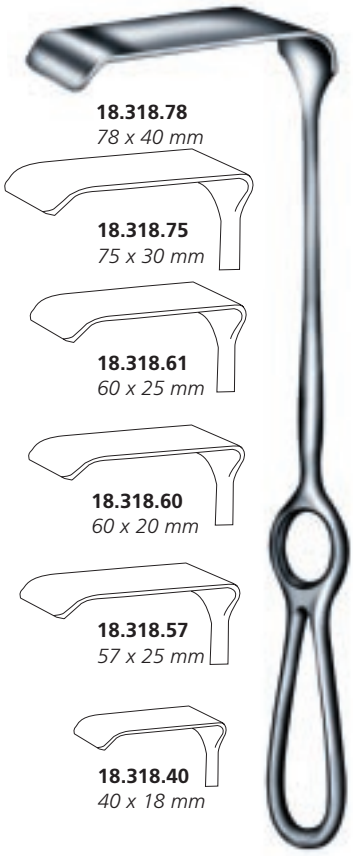




LANGENBECK
18.315.21 - 18.315.22



LANGENBECK
18.317.21
85 x 15 mm
21 cm



18.318.78
78 x 40 mm

18.318.75
75 x 30 mm

18.318.61
60 x 25 mm

18.318.60
60 x 20 mm

18.318.57
57 x 25 mm

18.318.40
40 x 18 mm

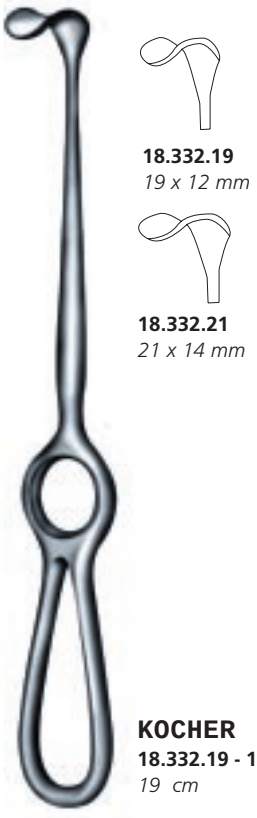
18.318.4
23 cm



18.330.40
40 x 12 mm

18.330.55
55 x 11 mm

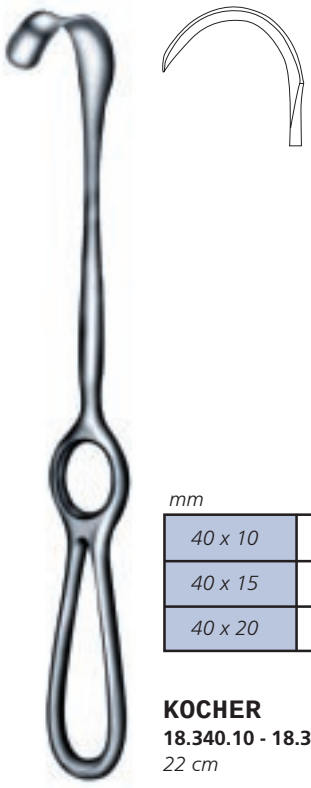
KOCHER
18.330.40 - 18.330.55
21 cm



18.332.19
19 x 12 mm

18.332.21
21 x 14 mm

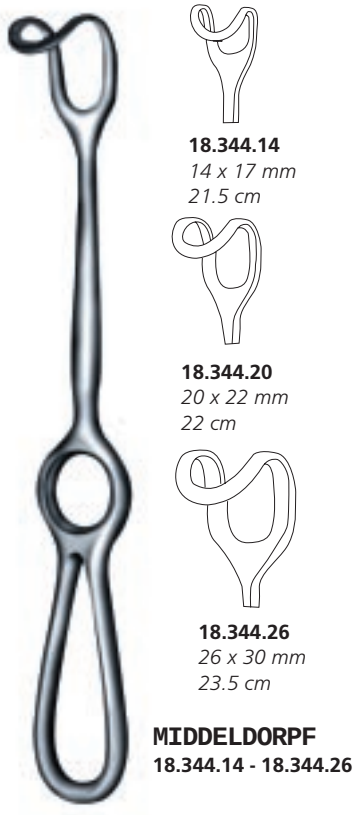
KOCHER
18.332.19 - 18.332.21
19 cm



mm

40 x 10	**18.340.10**
40 x 15	**18.340.15**
40 x 20	**18.340.20**

KOCHER
18.340.10 - 18.340.20
22 cm



18.344.14
14 x 17 mm
21.5 cm

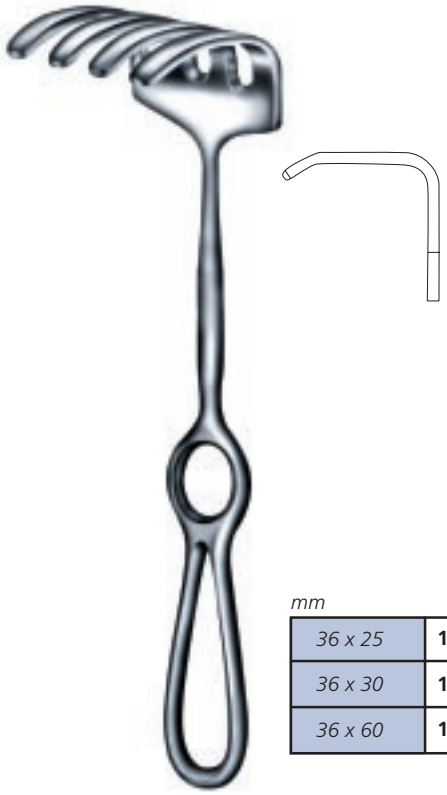
18.344.20
20 x 22 mm
22 cm

18.344.26
26 x 30 mm
23.5 cm

MIDDELDORPF
18.344.14 - 18.344.26



GREEN
18.348.22
22 cm



mm

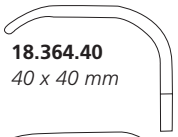
36 x 25	**18.360.02**	*2 hook*
36 x 30	**18.360.03**	*3 hook*
36 x 60	**18.360.04**	*4 hook*

OLLIER
18.360.02 - 18.360.04
22.5 cm



KOERTE
18.361.04
36 x 55 mm
4 teeth





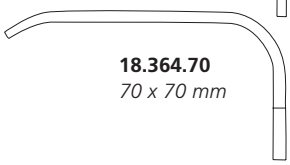
18.364.40
40 x 40 mm



18.364.50
45 x 50 mm



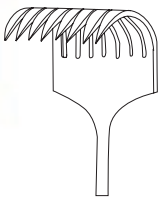
18.364.60
50 x 60 mm



18.364.70
70 x 70 mm

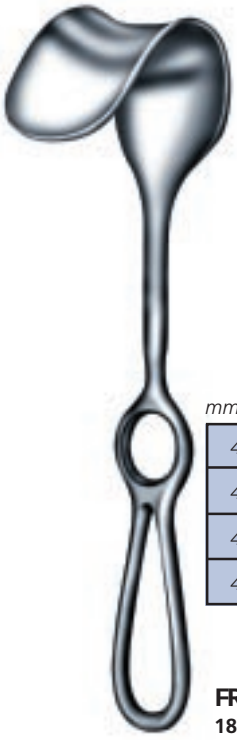
ISRAEL
18.364.40 - 18.364.70

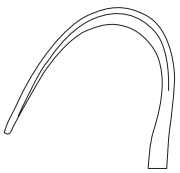




18.366.08
40 x 30 mm

KOERTE
18.366.08 - 18.367.08
23.5 cm





mm

45 x 40	**18.370.40**
45 x 50	**18.370.50**
45 x 60	**18.370.60**
45 x 75	**18.370.75**

FRITSCH
18.370.40 - 18.370.75
24 cm



KOCHER
18.372.22
22.5 cm



mm

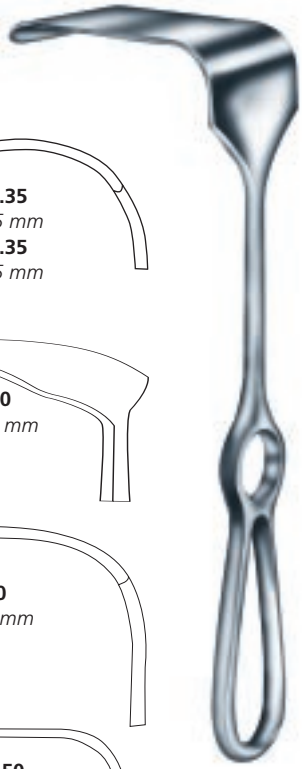
80 x 45	**18.374.45**
80 x 55	**18.374.55**
80 x 65	**18.374.65**

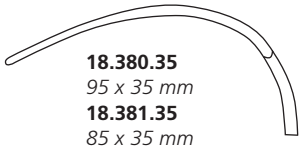
KOCHER
18.374.45 - 18.374.65
25 cm



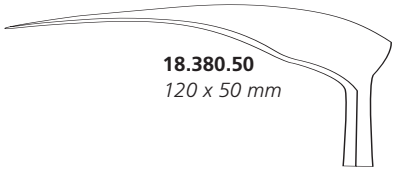
50 x 85 mm

DOYEN
18.378.25
25 cm





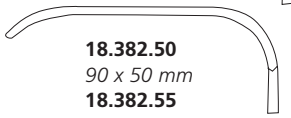
18.380.35
95 x 35 mm
18.381.35
85 x 35 mm



18.380.50
120 x 50 mm



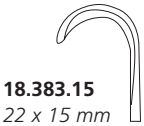
18.381.50
150 x 50 mm



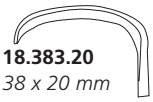
18.382.50
90 x 50 mm
18.382.55
85 x 55 mm

MIKULICZ
18.380.35 - 18.382.55
26 cm

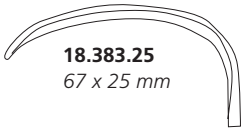




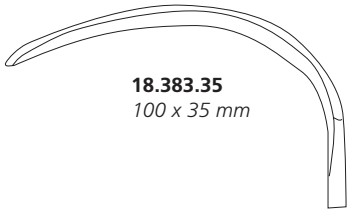
18.383.15
22 x 15 mm



18.383.20
38 x 20 mm



18.383.25
67 x 25 mm



18.383.35
100 x 35 mm

KOCHER WAGNER
18.383.15 - 18.383.35
28 cm



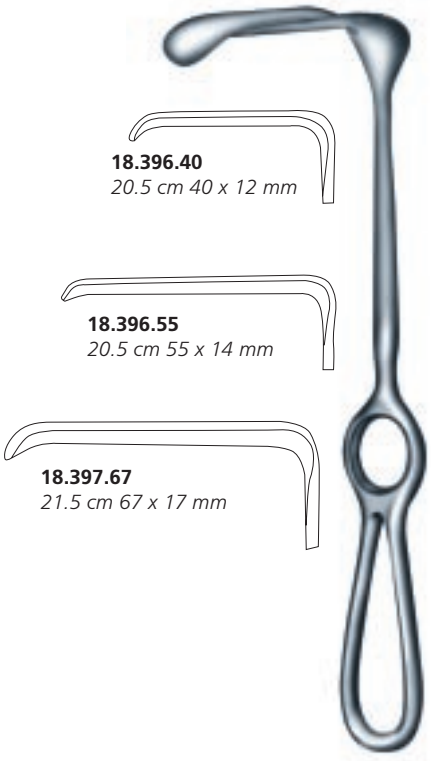
KELLY
18.385.38
160 x 38 mm27 cm
18.385.57
160 x 57mm 27 cm



MORRIS
18.390.38 - 18.392.03

mm	*simple*
38 x 51	**18.390.38**
51 x 51	**18.390.51**
64 x 51	**18.390.64**

mm	*double*
32x51 / 38x51	**18.392.01**
44x51 / 51x51	**18.392.02**
64x51 / 38x51	**18.392.03**



18.396.40
20.5 cm 40 x 12 mm

18.396.55
20.5 cm 55 x 14 mm

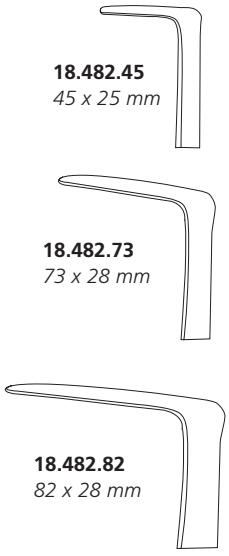
18.397.67
21.5 cm 67 x 17 mm

DOCKHORN
18.396.40 - 18.397.67



SIMON
18.480.22
28 cm 115 x 22 mm
18.480.27
28 cm 115 x 27 mm





18.482.45
45 x 25 mm

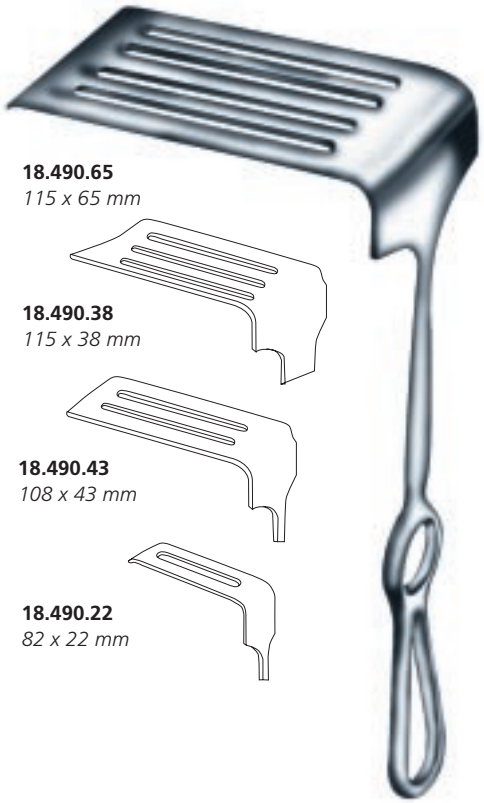
18.482.73
73 x 28 mm

18.482.82
82 x 28 mm

HEANEY
18.482.45 - 18.482.82
27 cm



HIBBS
18.488.24
24 cm 25 x 75 mm



18.490.65
115 x 65 mm

18.490.38
115 x 38 mm

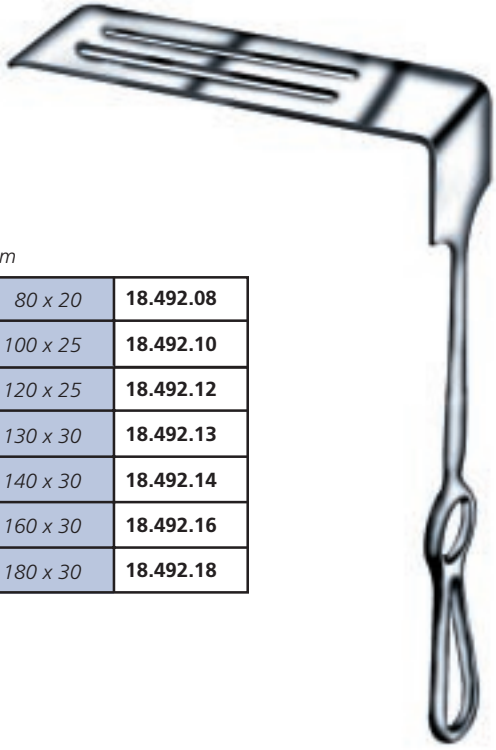
18.490.43
108 x 43 mm

18.490.22
82 x 22 mm

CORYLLOS
18.490.22 - 18.490.65



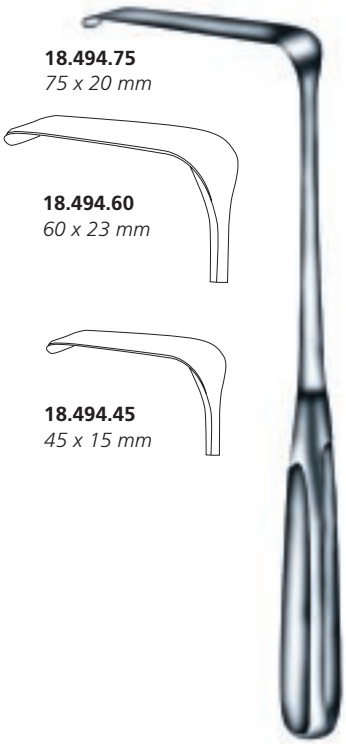
BRUNNER
18.492.08 - 18.492.18
25 cm



mm

80 x 20	**18.492.08**
100 x 25	**18.492.10**
120 x 25	**18.492.12**
130 x 30	**18.492.13**
140 x 30	**18.492.14**
160 x 30	**18.492.16**
180 x 30	**18.492.18**

SAUERBRUCH
18.492.25
25 cm



18.494.75
75 x 20 mm

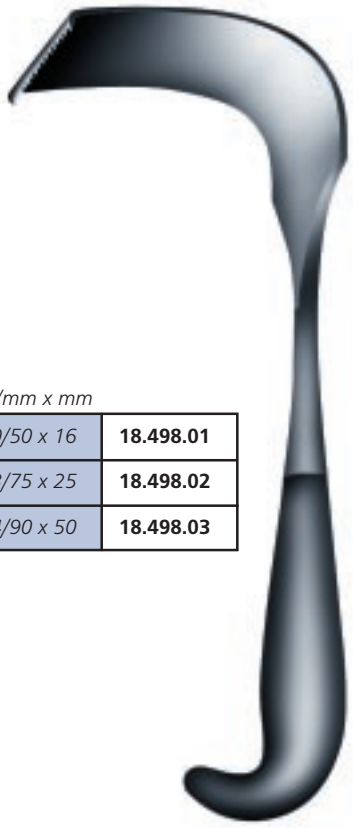
18.494.60
60 x 23 mm

18.494.45
45 x 15 mm

SAUERBRUCH
18.494.45 - 18.494.75



DAVIDSON (scapula)
18.496.50
75 x 50 mm
16 cm
18.496.90
75 x 90 mm
16 cm



cm/mm x mm

20/50 x 16	**18.498.01**
23/75 x 25	**18.498.02**
24/90 x 50	**18.498.03**

MEYERDING
18.498.01 - 18.498.03



MANNERFELDT
18.504.13
13.5 cm



MANNERFELDT
18.506.15
15.5 cm

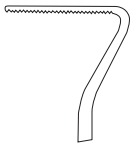


MANNERFELDT
18.508.15
15.5 cm





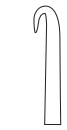
18.510.01



18.510.02

MANNERFELDT
18.510.01 - 18.510.02
15.5 cm

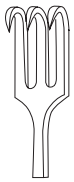




18.512.01



18.512.02



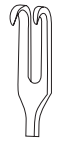
18.512.03

MANNERFELDT
18.512.01 - 18.512.03
15.5 cm





18.513.01

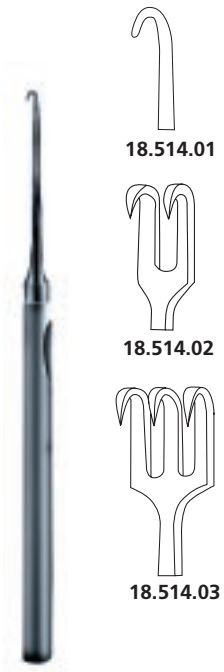


18.513.02

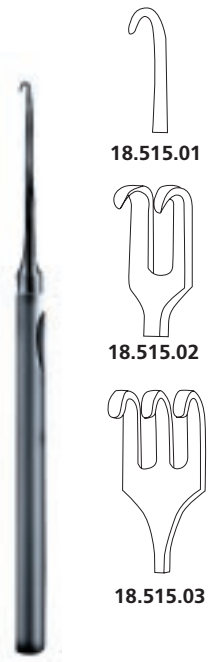


18.513.03

MANNERFELDT
18.513.01 - 18.513.03
15.5 cm



MANNERFELDT
18.514.01 - 18.514.03
15.5 cm



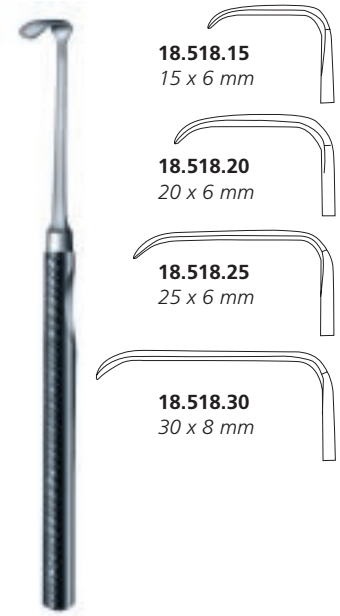
MANNERFELDT
18.515.01 - 18.515.03
15.5 cm



MANNERFELDT
18.516.03
15.5 cm



LANGENBECK MANNERFELDT
18.517.15
15.5 cm



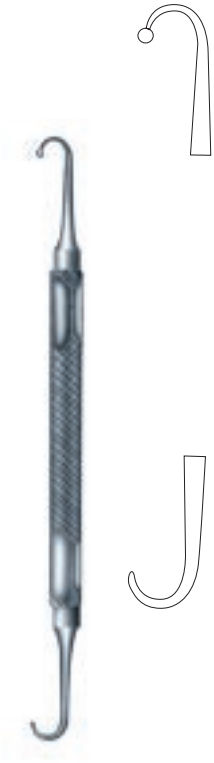
LANGENBECK MANNERFELDT
18.518.15 - 18.518.30
15.5 cm



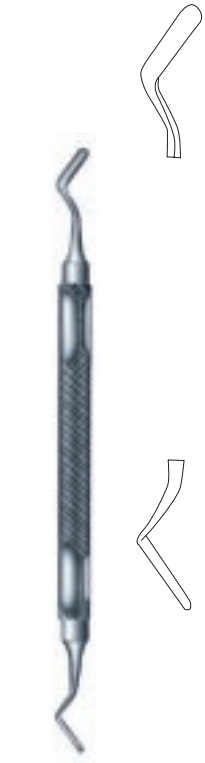
MANNERFELDT
18.519.12 - 18.519.16
15.5 cm



MANNERFELDT
18.520.15
12 x 12 mm
15.5 cm



MANNERFELDT
18.521.16
16 cm



MANNERFELDT
18.522.16
16 cm



18.602.07
75 mm
18.602.11
115 mm
1 teeth

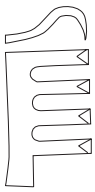


18.603.08
85 mm
18.603.11
115 mm



FARR
18.608.38 - 18.608.75

mm	
38	**18.608.38**
50	**18.608.50**
57	**18.608.57**
64	**18.608.64**
75	**18.608.75**





FINSEN
18.610.07 - 18.611.07
7 cm



ALM
18.620.07 - 18.621.10

cm	*sharp*	*blunt*
7	**18.620.07**	**18.621.07**
10	**18.620.10**	**18.621.10**



KUTTNER
18.622.24
24 cm



ALLPORT
18.624.10



JANSEN GIFFORD
18.628.10
sharp
18.629.10
blunt



JANSEN
18.630.10
sharp
18.631.10
blunt
10 cm



JANSEN WAGNER
18.632.11



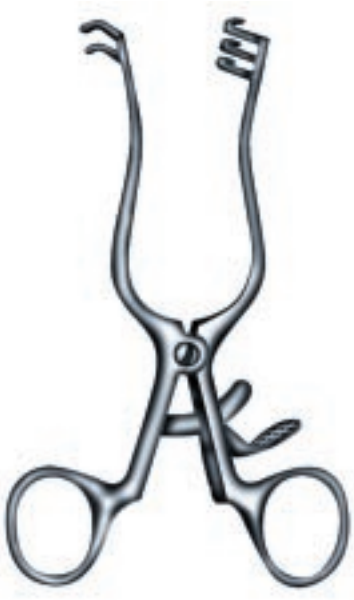
18.634.10
sharp
18.635.10
blunt



KOCHER
18.640.16
sharp
16 cm



CROTTI
18.642.18
sharp
18 cm



WEITLANER
18.650.10
sharp
11.5 cm
18.650.10
blunt
11.5 cm



WEITLANER WULLSTEIN
18.654.13
sharp
13 cm
18.655.13
blunt
13 cm



MILLIGAN
18.656.13
3 X 3 teeths
13 cm



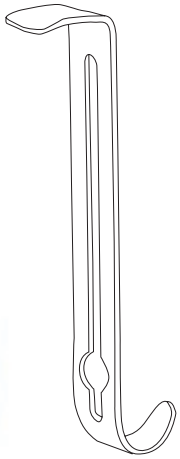
WIEGAND
18.656.15
3 teeth left
18.656.16
3 teeth right



PLESTER
18.657.11
2 teeth right
11 cm
18.659.11
2 teeth left
11 cm



HENLEY
18.660.16
16 cm blunt
18.661.16
16 cm sharp



HENLEY
18.661.17 - 18.661.19

cm	
16 x 19	**18.661.17**
16 x 25	**18.661.18**
16 x 32	**18.661.19**



WEITLANER
18.668.13
13 cm sharp
18.669.13
13 cm blunt



WEITLANER
18.670.14 - 18.671.25

cm	*sharp*	*blunt*
14.0	**18.670.14**	**18.671.14**
16.5	**18.670.16**	**18.671.16**
20.0	**18.670.20**	**18.671.20**
25.0	**18.670.25**	**18.671.25**



WEITLANER
18.670.26
sharp
18.671.26
blunt
26 cm
5 x 6 teeth



MAYO ADAMS
18.672.17
17 cm



HOEN
18.672.26
complete
27 cm
18.672.33
only
27 cm

mm

45 x 35	**18.672.29**	*blade sharp*
45 x 45	**18.672.30**	*blade sharp*
25 x 35	**18.672.32**	*blade blunt*
25 x 45	**18.672.33**	*blade blunt*



CONTOUR
18.673.14
14 cm



18.675.16
16.5 cm



MISKIMON
18.676.22
22 cm



ANDERSON ADSON
18.678.20
4 x 4 teeths
19 cm



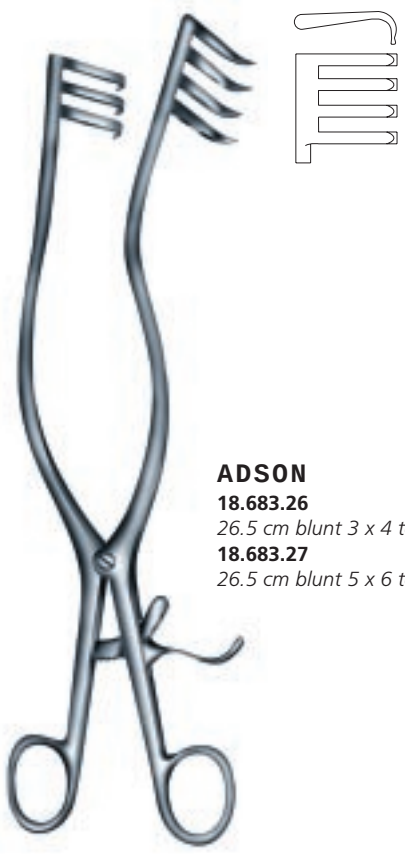
ADSON
18.680.19
19 cm sharp
18.681.19
19 cm blunt



MALIS
18.681.00



ADSON
18.682.26
26.5 cm sharp 3 x 4 teeth
18.682.27
26.5 cm sharp 5 x 6 teeth

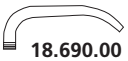


ADSON
18.683.26
26.5 cm blunt 3 x 4 teeth
18.683.27
26.5 cm blunt 5 x 6 teeth

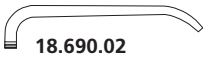


18.684.16 **18.685.16**

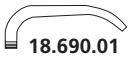
ADSON baby
18.684.16
sharp 16 cm
18.685.16
blunt 16 cm



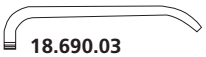
18.690.00
blunt



18.690.02
blunt



18.690.01
sharp



18.690.03
sharp



ADSON
18.686.32
32 cm



18.687.27
26.5 cm 2 x 6 teeth 32 mm
18.688.27
26.5 cm 6 teeth 13 mm right
18.689.27
26.5 cm 6 teeth 13 mm left



BECKMAN ADSON
18.690.00 - 18.690.03
31 cm
4 x 4 teeth



BECKMAN
18.690.31
31 cm sharp
18.691.31
31 cm middle sharp



BECKMAN EATON
18.692.32
32 cm



MOLLISON
18.693.15
15 cm

70 x 38 mm *57 x 38 mm*



CONE
18.694.16
16 cm
18.694.20
20 cm



DARLING
18.696.18
16.5 cm left
18.698.18
16.5 cm right

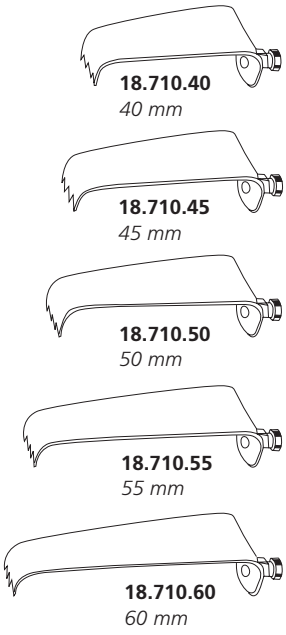


WALTON
18.707.01
18 cm right
18.707.02
18 cm left



KNIGHTON
18.708.01
19 cm right
18.708.02
19 cm left





18.710.40
40 mm

18.710.45
45 mm

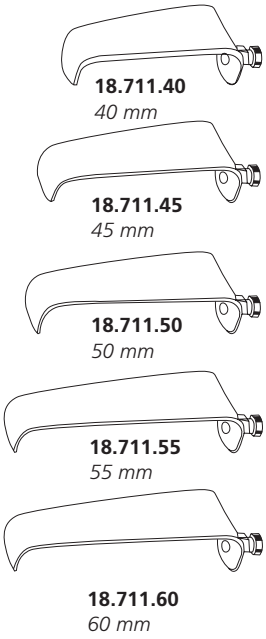
18.710.50
50 mm

18.710.55
55 mm

18.710.60
60 mm

CLOWARD
18.710.00
25 cm complete
18.710.01
25 cm without blades





18.711.40
40 mm

18.711.45
45 mm

18.711.50
50 mm

18.711.55
55 mm

18.711.60
60 mm

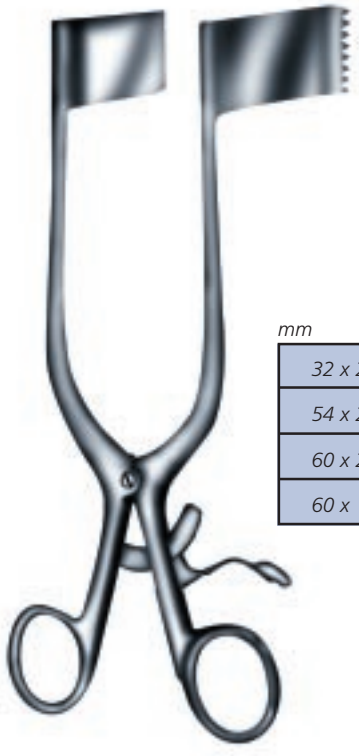
CLOWARD
18.711.00
17 cm complete
18.711.01
17 cm without blades



MARKHAM MEYERDING
18.712.18
18 cm



MARKHAM MEYERDING
18.713.18
18 cm



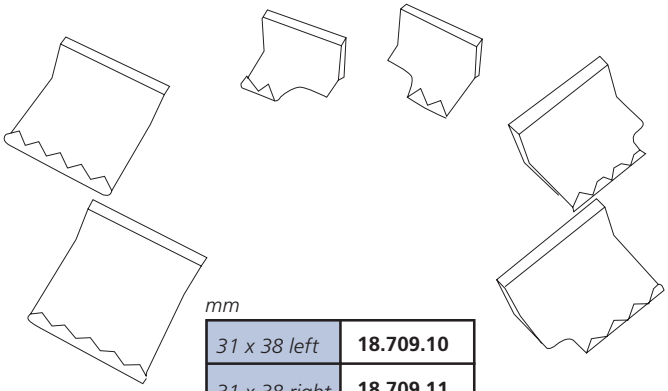
mm

32 x 25	**18.714.32**
54 x 25	**18.714.54**
60 x 25	**18.714.60**
60 x 19	**18.714.61**

MEYERDING
18.714.32 - 18.714.61
18 cm



KARLIN
18.709.00
complete
18.709.05
retractor frame
18.709.20
blad universal
(left/right) 76 x 64 mm



mm

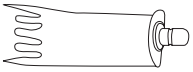
31 x 38 left	**18.709.10**
31 x 38 right	**18.709.11**
61 x 44 left	**18.709.16**
61 x 44 right	**18.709.17**



CASPAR

mm

45 x 23	**18.716.45**
50 x 23	**18.716.50**
55 x 23	**18.716.55**
60 x 23	**18.716.60**
65 x 23	**18.716.65**



CASPAR

mm

40 x 23	**18.718.40**
45 x 23	**18.718.45**
50 x 23	**18.718.50**
55 x 23	**18.718.55**
60 x 23	**18.718.60**



CASPAR

mm

40 x 23	**18.719.40**
45 x 23	**18.719.45**
50 x 23	**18.719.50**
55 x 23	**18.719.55**
60 x 23	**18.719.60**



CASPAR
18.720.00
complete
18.720.15
without blades



mm

45 x 20	**18.720.45**
50 x 20	**18.720.50**
55 x 20	**18.720.55**
60 x 20	**18.720.60**
65 x 20	**18.720.65**



CASPAR
18.721.00
complete
18.721.15
without blades



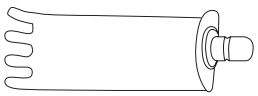
18.722.11
11.5 cm



CASPAR
18.723.00
complete
18.723.12
only
12 cm
opening 12 cm



CASPAR
18.724.00
complete 2 x 5 blades
18.724.11



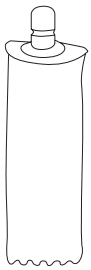
CASPAR

mm

40 x 20	**18.724.40**
45 x 20	**18.724.45**
50 x 20	**18.724.50**
55 x 20	**18.724.55**
60 x 20	**18.724.60**



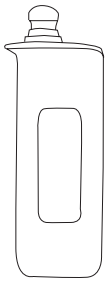
CASPAR
18.725.00
complete 5 blades
18.725.11
only
11.5 cm
opening 8.5 cm



CASPAR

mm

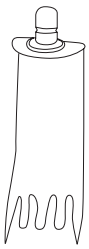
40 x 20	**18.725.40**
45 x 20	**18.725.45**
50 x 20	**18.725.50**
55 x 20	**18.725.55**
60 x 20	**18.725.60**



CASPAR

mm

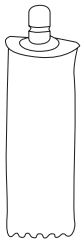
50 x 25	**18.726.50**
60 x 25	**18.726.60**



CASPAR

mm

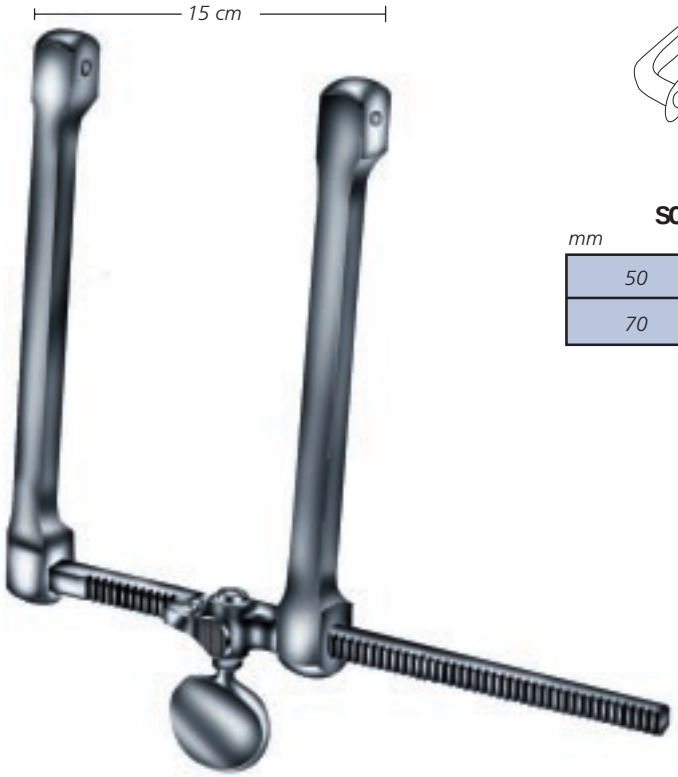
40 x 25	**18.727.40**
45 x 25	**18.727.45**
50 x 25	**18.727.50**
55 x 25	**18.727.55**
60 x 25	**18.727.60**



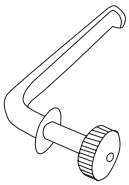
CASPAR

mm

40 x 25	**18.728.40**
45 x 25	**18.728.45**
50 x 25	**18.728.50**
55 x 25	**18.728.55**
60 x 25	**18.728.60**



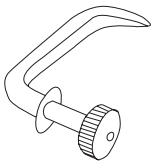
SCOVILLE
18.729.00
only frame
opening 15 cm



SCOVILLE

mm

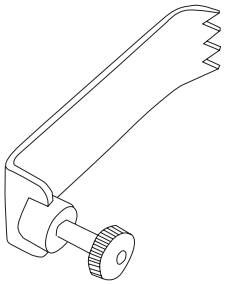
50	**18.729.01**
70	**18.729.02**



SCOVILLE

mm

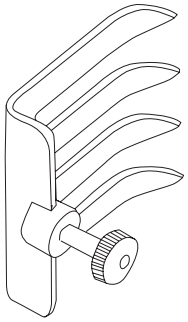
50	**18.729.06**
70	**18.729.07**



SCOVILLE

mm

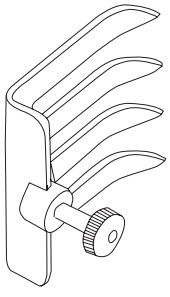
64 x 25	**18.729.11**
64 x 50	**18.729.12**
88 x 25	**18.729.13**



TAYLOR

mm *4 deeth*

48 x 50	**18.729.41**
64 x 50	**18.729.42**
64 x 64	**18.729.43**
80 x 57	**18.729.44**



SCOVILLE

mm *4 deeth*

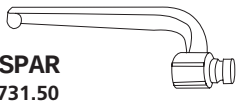
41 x 38	**18.729.46**
67 x 44	**18.729.47**



SCOVILLE HAVERFIELD
18.729.50
only frame



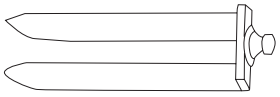
CASPAR
18.730.00
complete
18.730.15
only frame



CASPAR
18.731.50
50 mm



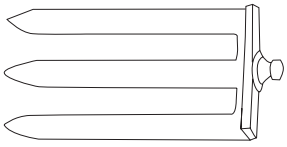
CASPAR
18.731.70
70 mm



CASPAR

mm

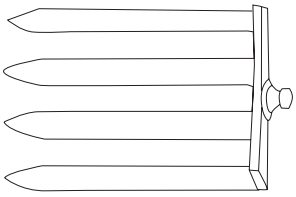
35 x 22	**18.732.35**
40 x 22	**18.732.40**
45 x 22	**18.732.45**
50 x 22	**18.732.50**
55 x 22	**18.732.55**
60 x 22	**18.732.60**
65 x 22	**18.732.65**
70 x 22	**18.732.70**



CASPAR

mm

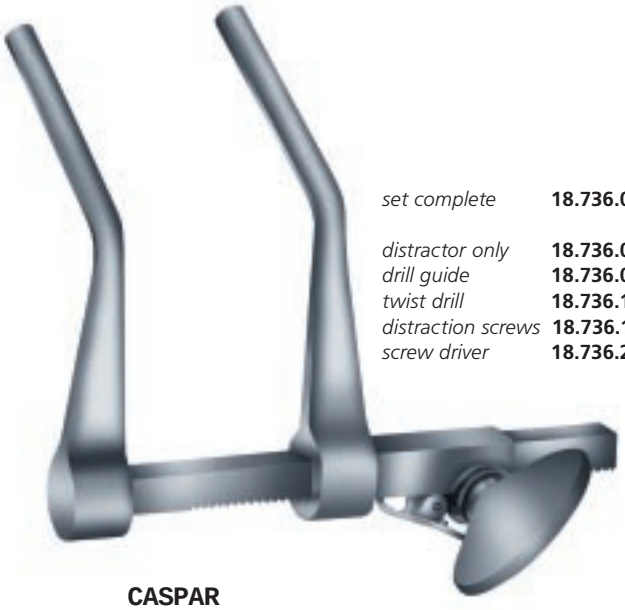
35 x 37	**18.733.35**
40 x 37	**18.733.40**
45 x 37	**18.733.45**
50 x 37	**18.733.50**
55 x 37	**18.733.55**
60 x 37	**18.733.60**
65 x 37	**18.733.65**
70 x 37	**18.733.70**



CASPAR

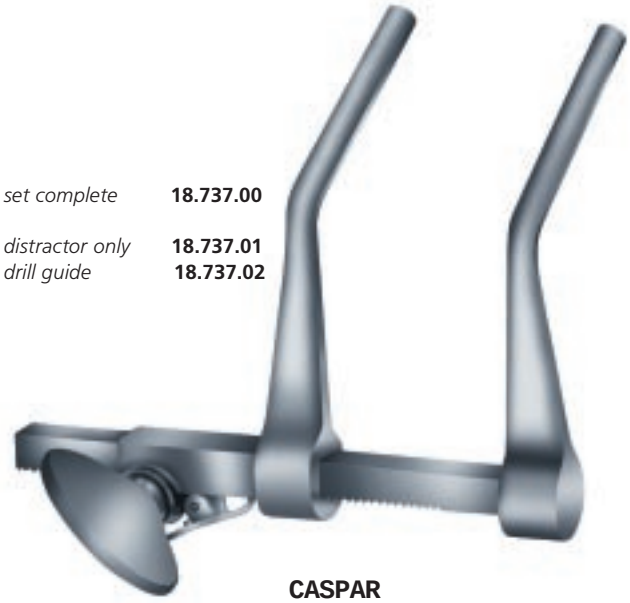
mm

35 x 52	**18.734.35**
40 x 52	**18.734.40**
45 x 52	**18.734.45**
50 x 52	**18.734.50**
55 x 52	**18.734.55**
60 x 52	**18.734.60**
65 x 52	**18.734.65**
70 x 52	**18.734.70**



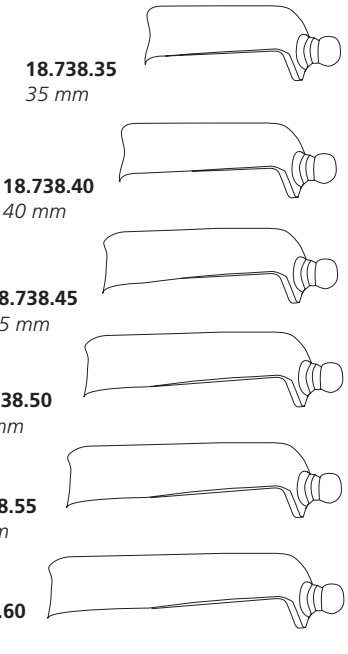
set complete	**18.736.00**
distractor only	**18.736.01**
drill guide	**18.736.02**
twist drill	**18.736.10**
distraction screws	**18.736.11**
screw driver	**18.736.20**

CASPAR
18.736.00 - 18.736.20



set complete	**18.737.00**
distractor only	**18.737.01**
drill guide	**18.737.02**

CASPAR
18.737.00 - 18.737.02



18.738.35
35 mm

18.738.40
40 mm

18.738.45
45 mm

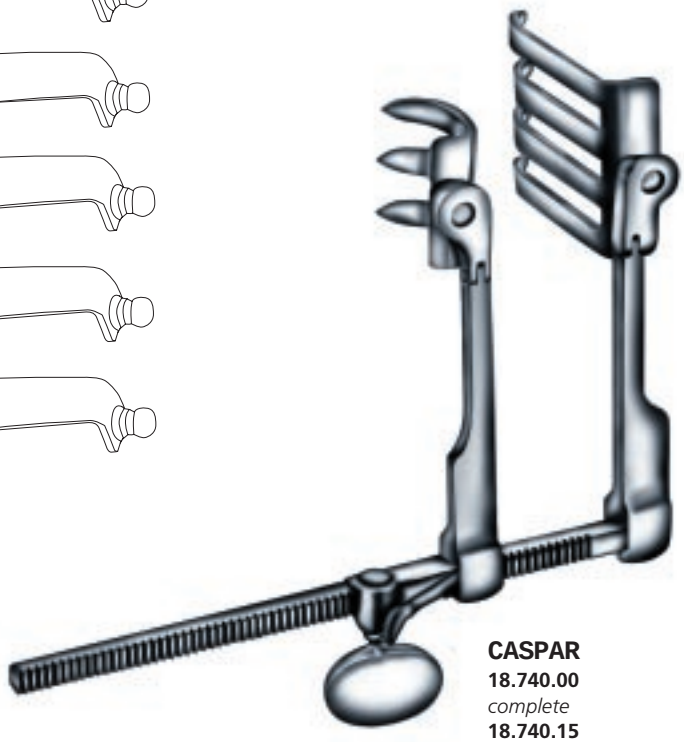
18.738.50
50 mm

18.738.55
55 mm

18.738.60
60 mm



CASPAR
18.738.00
complete
18.738.01
only



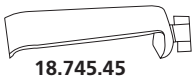
CASPAR
18.740.00
complete
18.740.15
only



CASPAR
18.744.00
complete
18.744.17
only



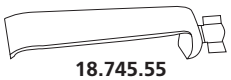
18.745.40
40 mm



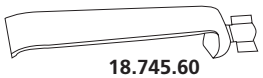
18.745.45
45 mm



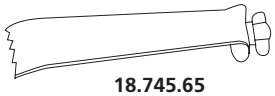
18.745.50
50 mm



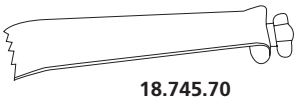
18.745.55
55 mm



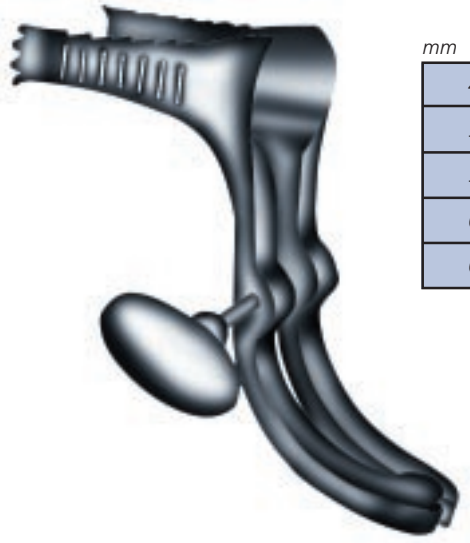
18.745.60
60 mm



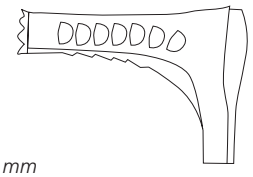
18.745.65
65 mm



18.745.70
70 mm

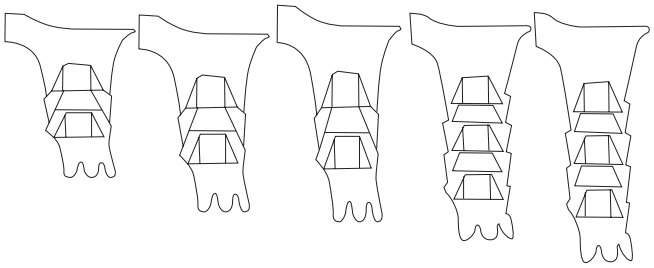


CASPAR
18.747.45 - 18.747.65



mm

45	**18.747.45**
50	**18.747.50**
55	**18.747.55**
60	**18.747.60**
65	**18.747.65**



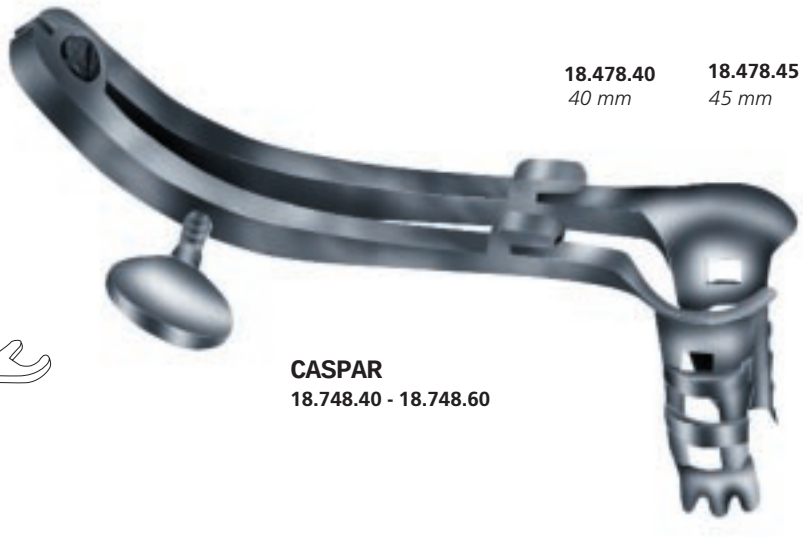
18.478.40
40 mm

18.478.45
45 mm

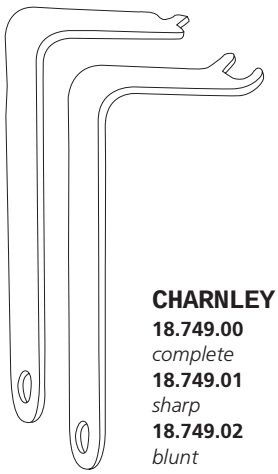
18.478.50
50 mm

18.478.55
55 mm

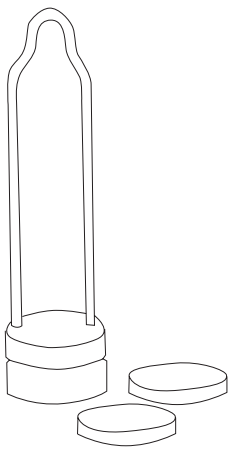
18.478.60
60 mm



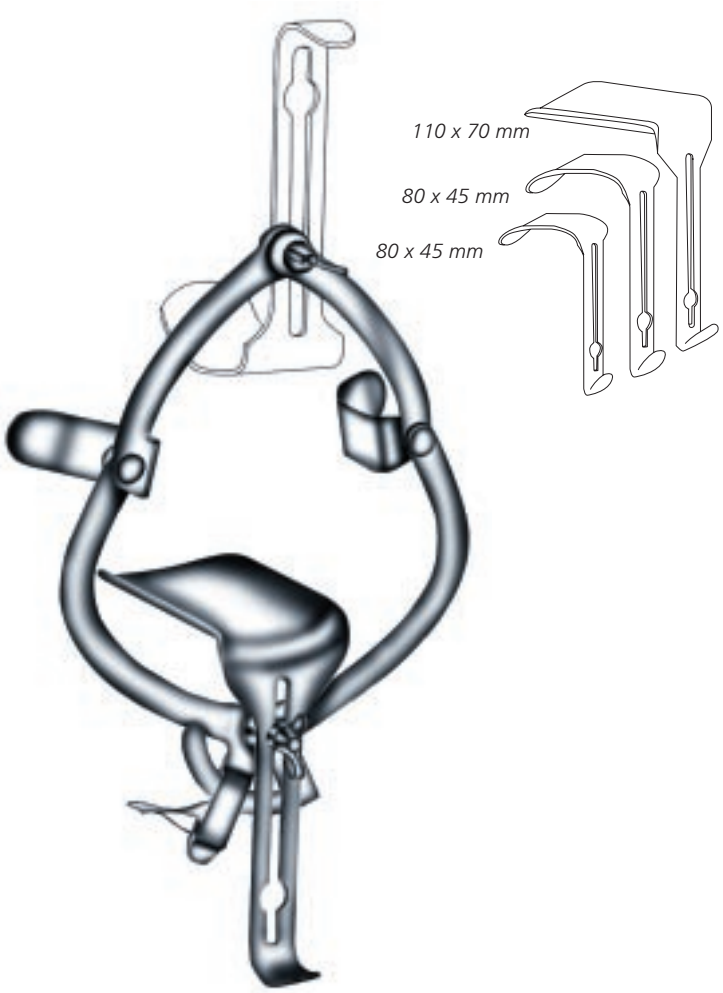
CASPAR
18.748.40 - 18.748.60



CHARNLEY
18.749.00
complete
18.749.01
sharp
18.749.02
blunt



18.749.15
18.749.70



O´SULLIVAN O´CONNOR
18.754.00



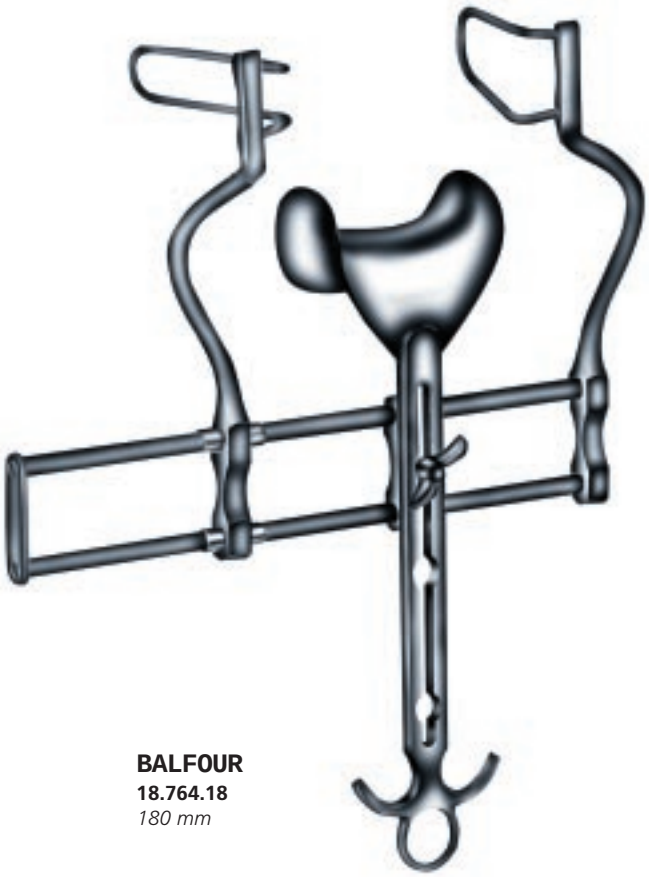
FRAZIER
18.758.85
85 mm 40mm / 40 mm



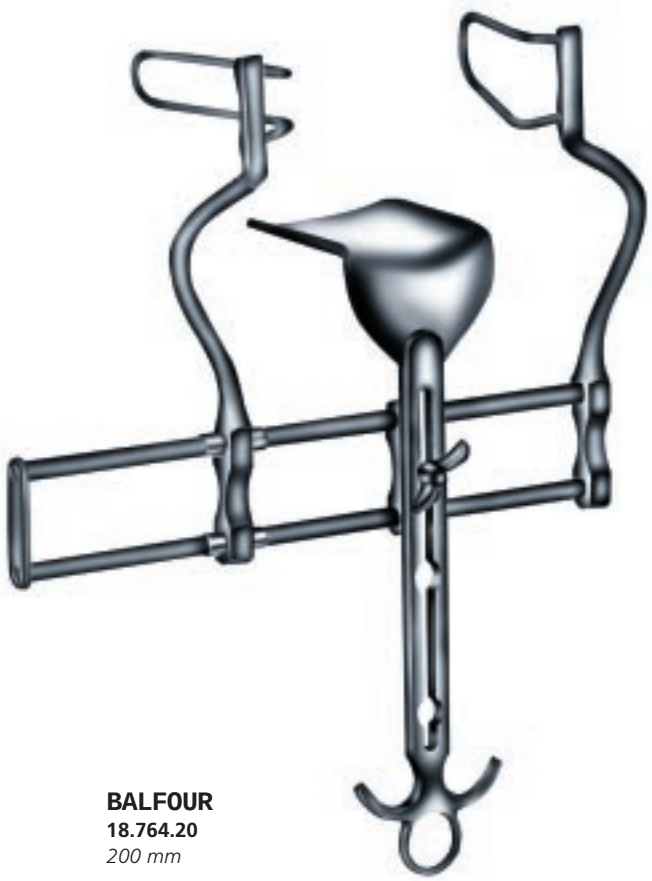
GOSSET
18.760.14
140 mm



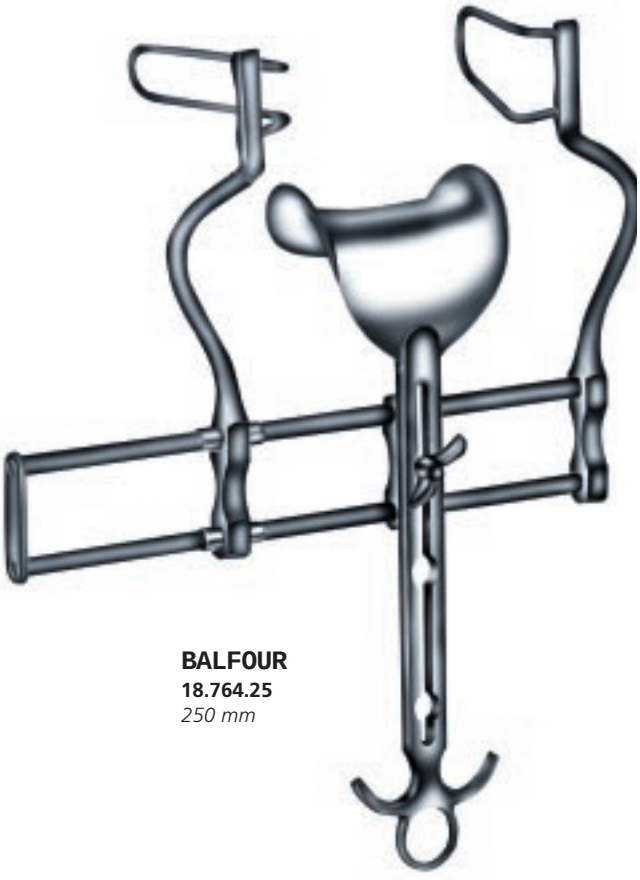
GOSSET
18.762.16
160 mm



BALFOUR
18.764.18
180 mm



BALFOUR
18.764.20
200 mm



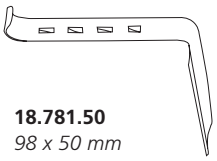
BALFOUR
18.764.25
250 mm



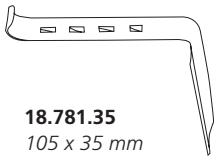
BALFOUR
18.765.45
45 x 80
18.765.70
70 x 85
18.765.80
80 x 90



BALFOUR baby
18.766.90
9 cm



18.781.50
98 x 50 mm



18.781.35
105 x 35 mm



KIRSCHNER
set complete **18.780.00**

frame 300 x 240 **18.780.01**
blades 50 x 65 **18.781.65**
80 x 90 **18.781.90**

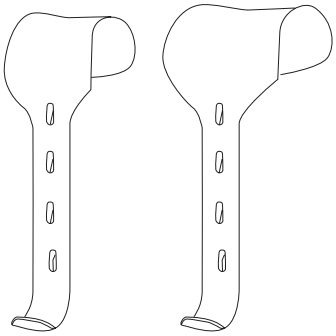


DENNIS BROWN RAHMEN baby
set complete **18.784.50**

frame 180 x 150 **18.784.62**
blades 30 x 40 **18.784.62**
40 x 40 **18.784.64**

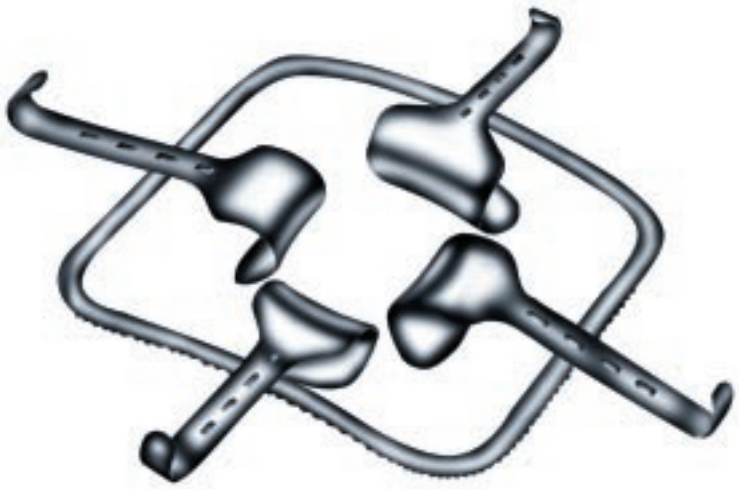
DENNIS BROWN RAHMEN adult
set complete **18.784.52**

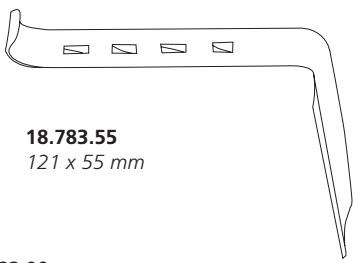
frame 255 x 180 **18.784.61**
blades 30 x 40 **18.784.62**
40 x 40 **18.784.64**



18.781.55
40 x 55 mm

18.781.65
52 x 65 mm



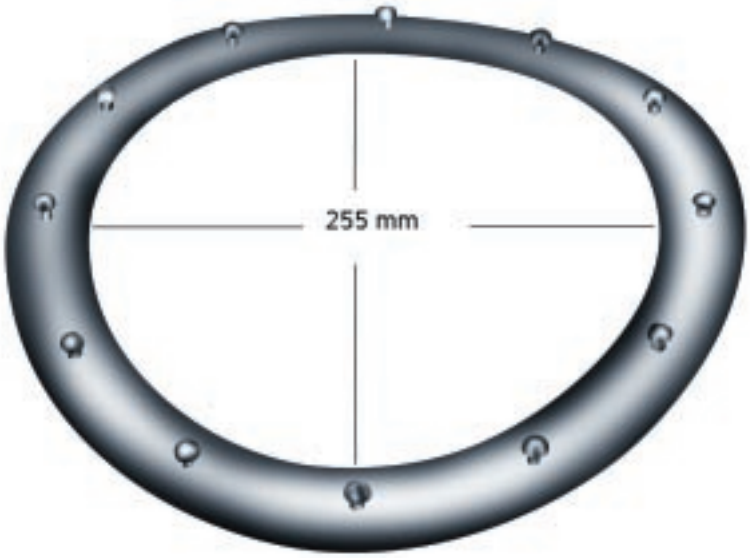


18.783.55
121 x 55 mm

KIRSCHNER
set complete **18.782.00**
frame 240 x 240
blades 50 x 65
40 x 55



18.784.00
250 x 250 mm



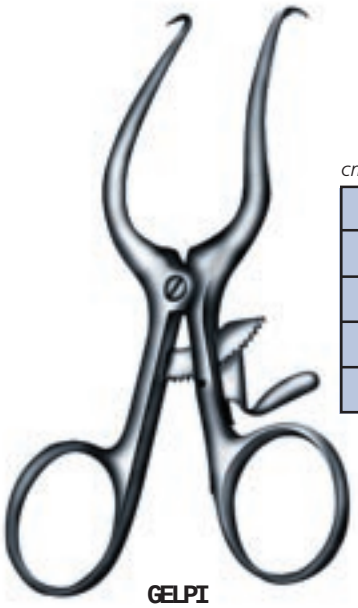
18.798.00
complete
18.798.12
only frame



18.798.45
65 x 45 mm



18.798.65
75 x 65 mm



cm

9	**18.802.09**
11	**18.802.11**
14	**18.802.14**
16	**18.802.16**
18	**18.802.18**

GELPI
18.802.09 - 18.802.18
opening 10 cm



GELPI
18.804.18
18 cm
opening 10 cm



ST. MARKS
18.805.21
21 cm
opening 16 cm



RIGBY
18.806.18
18 cm
opening 10 cm



GELPI SEILETZ
18.807.16
14.5 cm



RICHTER
18.808.16
16 cm



COLLIN
18.810.22
23.5 cm
opening 13.5 cm



COLLIN
18.812.60
38 x 55 mm
18.812.80
50 x 75 mm



COLLIN Loktite
18.816.00
26 cm



RICARD
18.822.28
28 cm
18.822.30
30 cm



OETTINGEN
18.824.00
complete
28 cm



ROCHARD
18.831.19
fijation device

ROCHARD
18.830.01
one side
18.830.02
both side

ROCHARD

mm	*blades*
50 x 95	**18.835.09**
50 x 105	**18.835.10**
60 x 120	**18.836.12**
60 x 135	**18.836.13**
60 x 155	**18.836.15**



GARRET
18.850.18
18.4 cm



OCHSNER
18.853.20
20 cm



MALIS
18.860.19
18.5 cm retractors
18.861.01
fijation device
18.861.02
adjustable arm



MALIS
18.862.09
9 cm

MALIS
18.862.12
12 cm

MALIS
18.862.15
15 cm



JANNETTA
18.870.00
complete
18.870.19
without blades



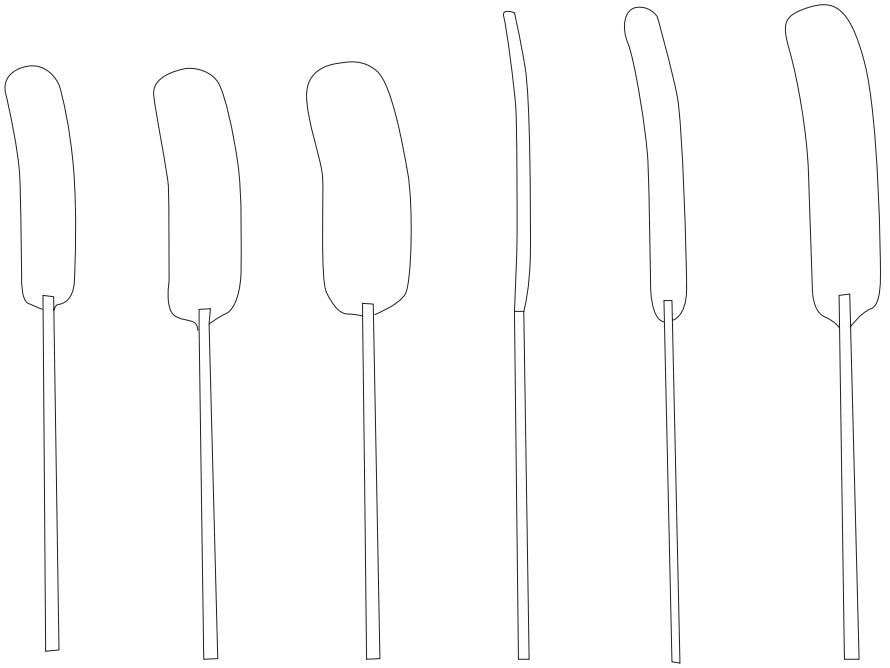
MALIS
18.863.09
9 x 70 mm

MALIS
18.863.14
14 x 70 mm

MALIS
18.863.16
16 x 70 mm

MALIS
18.863.19
19 x 70 mm

MALIS
18.863.25
25 x 70 mm



JANNETTA
18.873.16
16 x 70 mm

JANNETTA
18.873.20
20 x 70 mm

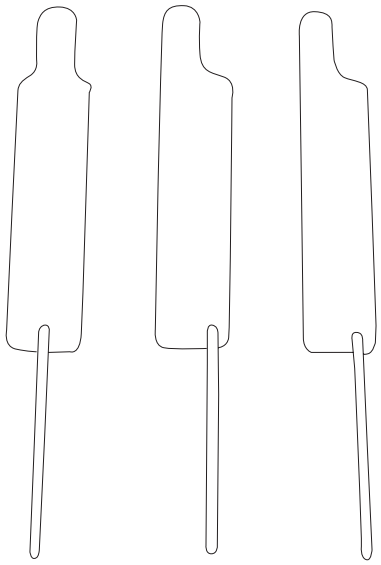
JANNETTA
18.873.25
25 x 70 mm

JANNETTA
18.875.05
5 x 90 mm

JANNETTA
18.875.11
11 x 90 mm

JANNETTA
18.875.21
21 x 90 mm

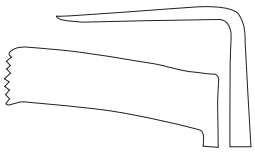




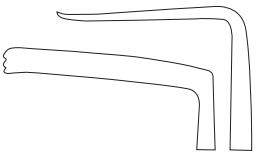
APFELBAUM
18.875.50
complete



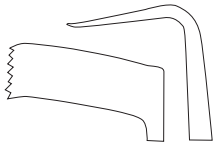
WILLIAM
18.881.50 - 18.882.70



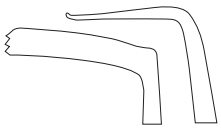
WILLIAMS
18.881.50
1 cm / 5 cm



WILLIAMS
18.881.70
1 cm / 7 cm



WILLIAMS
18.882.50
2 cm / 5 cm



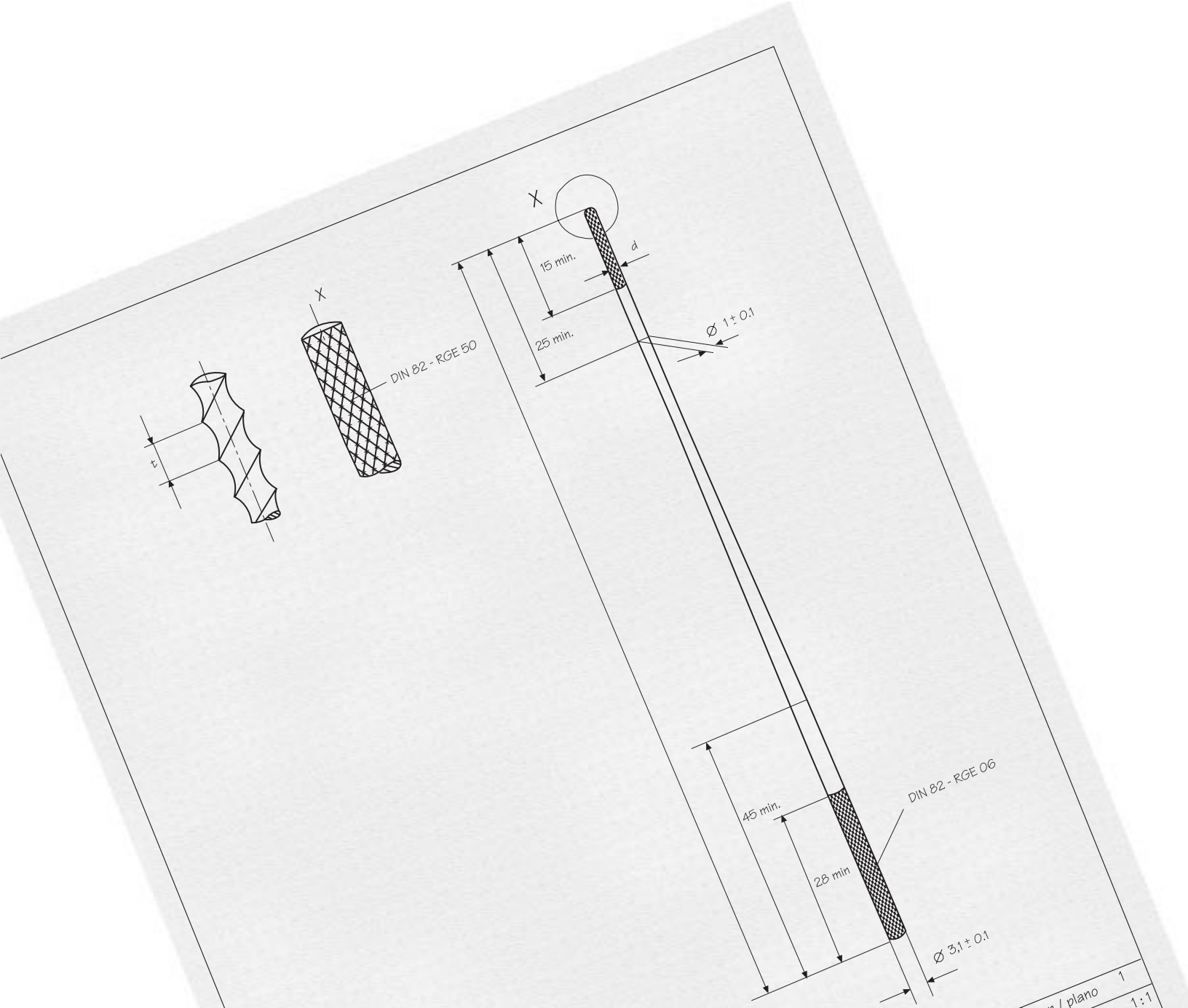
WILLIAMS
18.882.70
2 cm / 7 cm



18.902.10
2 x 2 hook
10 cm



18.903.00
set 3



		GENERAL CATALOGUE	Konstrukteur / constructor	Datum / fecha	Name / nombre
			gezeichnet / dibujado	July '98	cvd/jvd
			geprüft / verificado	July '98	cvd
		Stainless Steel	Toleranz / tolerancia	June '99	mj
		Oxidable			

DEWIMED®

Plan / plano	1
Maasstab / escala	1 : 1
Abt. / acot.	mm
Artikel / artículo	
Artikel-Nr. / No. de artícu	



cm	
11.5	**20.102.11**
13.0	**20.102.13**
14.5	**20.102.14**
16.0	**20.102.16**
18.0	**20.102.18**
20.0	**20.102.20**
25.0	**20.102.25**

20.102.11 - 20.102.25
ø 2 mm



cm	
11.5	**20.104.11**
13.0	**20.104.13**
14.5	**20.104.14**
16.0	**20.104.16**
18.0	**20.104.18**
20.0	**20.104.20**
25.0	**20.104.25**

20.104.11 - 20.104.25
ø 1 mm



cm	
11.5	**20.105.11**
13.5	**20.105.13**
14.5	**20.105.14**
16.5	**20.105.16**
20.0	**20.105.20**

20.105.11 - 20.150.20
ø 1.5 mm



cm	
11.5	**20.106.11**
13.0	**20.106.13**
14.5	**20.106.14**
16.0	**20.106.16**
18.0	**20.106.18**
20.0	**20.106.20**
25.0	**20.106.25**
30.0	**20.106.30**

20.106.11 - 20.106.30
ø 2 mm



cm

14.5	**20.108.14**
20.0	**20.108.20**

20.108.14 - 20.108.20



cm

13.0	**20.110.13**
14.5	**20.110.14**
16.0	**20.110.16**
18.0	**20.110.18**
20.0	**20.110.20**

20.110.13 - 20.110.20



DOYEN
20.111.14
14 cm



cm

13.0	**20.112.13**
14.5	**20.112.14**
16.0	**20.112.16**

20.112.13 - 20.112.16



STACKE
20.115.10
10 cm



NELATON
20.117.16
16 cm



20.120.19
19 cm
ø 3 mm



NABATOFF
20.150.00
135 x 100 x 25 mm
complete

20.150.02



20.150.80

20.150.90



20.150.02



20.150.03
ø 3 mm



20.150.06
ø 6 mm



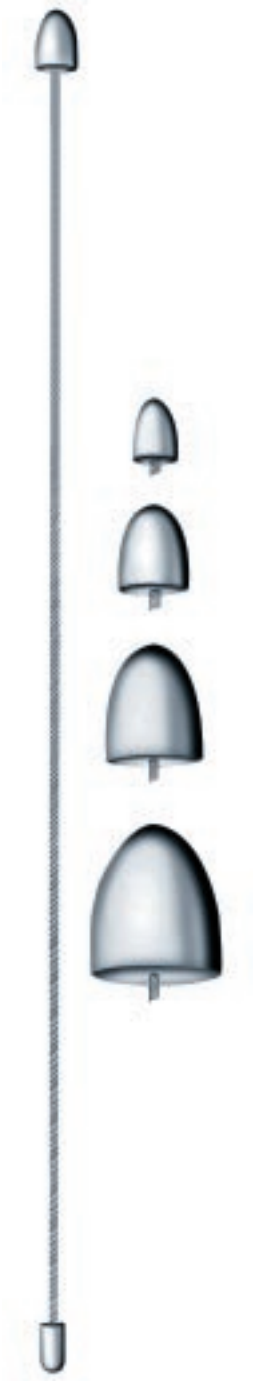
20.150.09
ø 9 mm



20.150.12
ø 12 mm



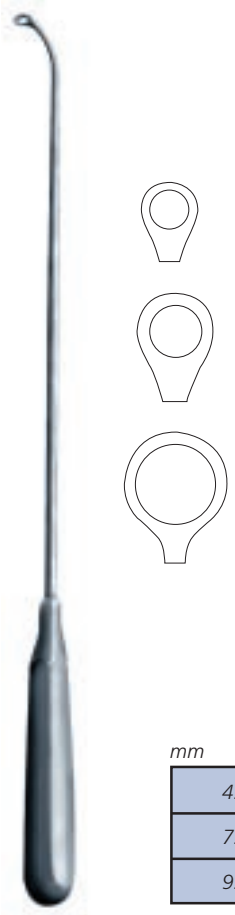
20.150.15
ø 15 mm



MYERS
20.154.06 - 20.154.15
100 m

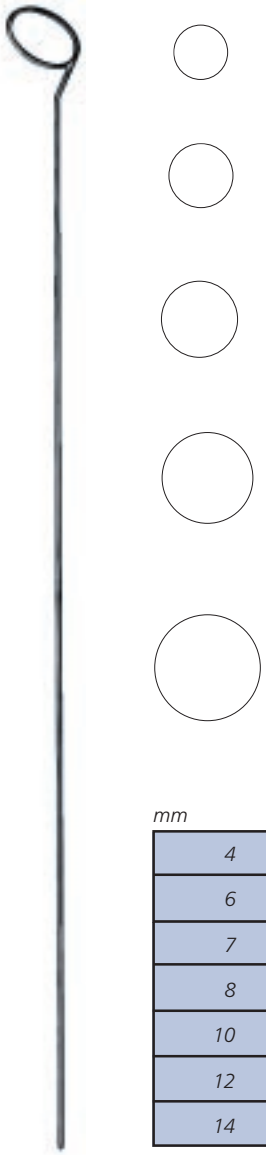
mm

6	**20.154.06**
9	**20.154.09**
12	**20.154.12**
15	**20.154.15**



mm	
4.8	20.156.48
7.2	20.156.72
9.6	20.156.96

MAYO
20.156.48 - 20.156.96
39 cm



mm	
4	20.160.04
6	20.160.06
7	20.160.07
8	20.160.08
10	20.160.10
12	20.160.12
14	20.160.14

20.160.04 - 20.160.14
55 cm



20.162.12
12 cm



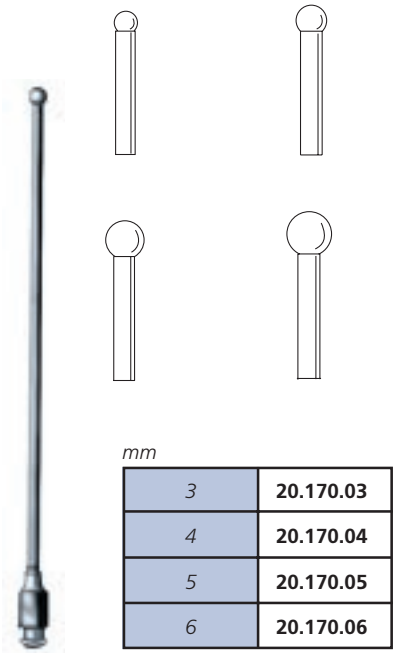
VARADY
20.167.01
18 cm



VARADY
20.167.02
18 cm



VARADY
20.167.03
18 cm



mm

3	**20.170.03**
4	**20.170.04**
5	**20.170.05**
6	**20.170.06**

SCHMID
20.170.03 - 20.170.06
15 cm



cm

13.0	**20.190.13**
14.5	**20.190.14**

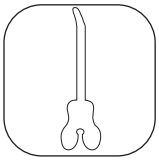
20.190.13 - 20.190.14

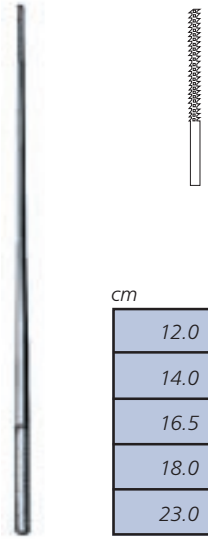


cm

12.0	**20.270.12**
14.0	**20.270.14**
16.5	**20.270.16**
18.0	**20.270.18**
23.0	**20.270.23**

FARREL
20.270.12 - 20.270.23



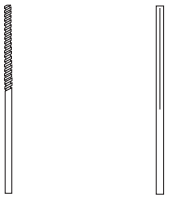


cm

12.0	20.272.12
14.0	20.272.14
16.5	20.272.16
18.0	20.272.18
23.0	20.272.23

FARREL
20.272.12 - 20.272.23





cm

12	20.290.12	20.292.12
14	20.290.14	20.292.14
16	20.290.16	20.292.16
18	20.290.18	20.292.18

20.290.12 - 20.292.18



URKERMANN
20.310.15
15 cm



cm

12.5	20.320.12
18.0	20.320.18

JOBSON HORNE
20.320.12 - 20.320.18



TOBOLD
20.331.25
25 cm



20.340.45
45 cm

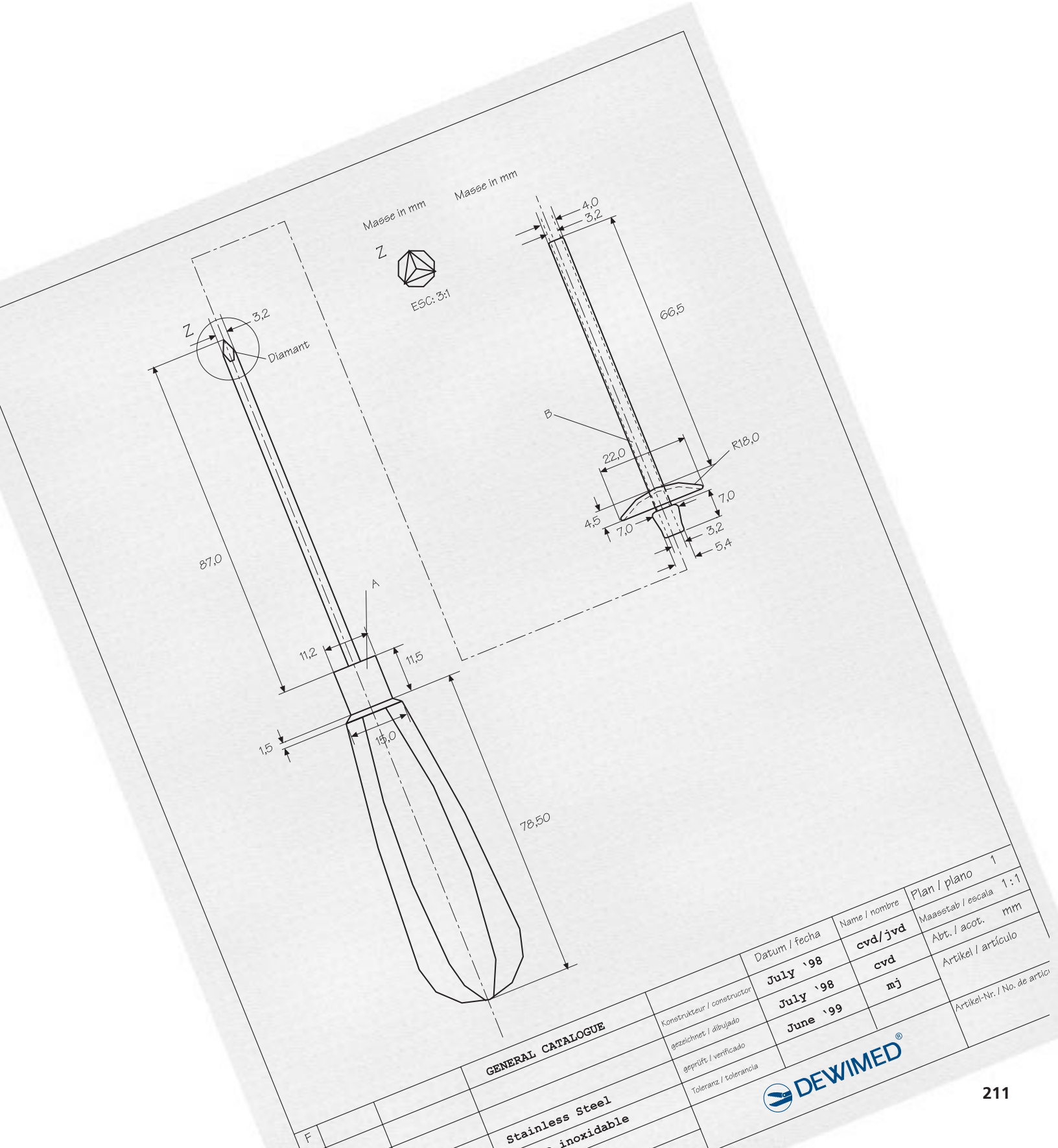


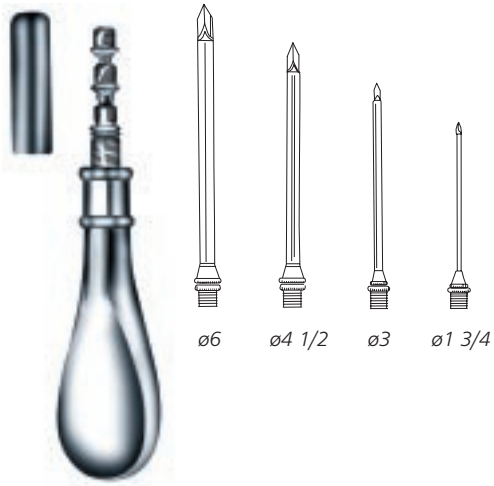
Thomas Eakins
1889

The Agnew Clinic
One of the esteemed surgeons of the 19th century in America, D. Hayes Agnew, taught at the Medical School of the University of Pennsylvania.
On his retirement in 1889, Agnew's students commissioned Thomas Eakins to depict the doctor in his surgical theater.

La Clínica de Agnew
El Dr. Hayes Agnew fue uno de los cirujanos más apreciados del siglo XIX en América del Norte.
Dr. Agnew daba clases en la School of University of Pennsylvania.
A su retiro, sus estudiantes contrataron al pintor Thomas Eakins para pintar el Cirujano en su teatro quirúrgico.

Die Agnew - Klinik
Dr. Hayes Agnew gehörte zu den sehr geschätzten Chirurgen des 19. Jahrhunderts in Amerika.
Er unterrichtete in der School of the University of Pennsylvania.
Zu seiner Pensionierung beauftragten seine Studenten den Künstler Thomas Eakins, Dr. Agnew in seinem Chirurgischen Theater zu malen.


Masse in mm
Masse in mm
Z
ESC: 3:1
Z
3,2
Diamant
87,0
A
11,2
11,5
1,5
15,0
78,50
4,0
3,2
66,5
B
22,0
R18,0
7,0
4,5
7,0
3,2
5,4
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artic
F



universal
22.104.00
complete



mm

3.0	**22.110.30**
3.5	**22.110.35**
4.0	**22.110.40**
4.5	**22.110.45**
5.0	**22.110.50**
5.5	**22.110.55**
6.0	**22.110.60**

standard
22.110.30 - 22.110.60



mm

3.0	**22.120.30**
3.5	**22.120.35**
4.0	**22.120.40**
4.5	**22.120.45**
5.0	**22.120.50**
5.5	**22.120.55**
6.0	**22.120.60**

standard
22.120.30 - 22.120.60



mm

3	**22.123.30**
4	**22.123.40**
5	**22.123.50**

PIERCE
22.123.30 - 22.123.50



DOUGLAS
22.125.11
ø 3 mm



FLEURANT
22.127.23
23 cm
ø 5 mm



LICHTWITZ
22.128.19
ø 1.75 mm



COAKLEY
22.140.02
ø 2.25 mm



OCHSNER
22.150.10 - 22.150.20

Charr / F.G.

10	**22.150.10**
12	**22.150.12**
14	**22.150.14**
16	**22.150.16**
18	**22.150.18**
20	**22.150.20**



BUELAU
22.160.24



NELSON
22.170.25 - 22.170.35

Charr / F.G.

25	**22.170.25**
30	**22.170.30**
33	**22.170.33**
35	**22.170.35**



complete
22.210.00
needle only
22.210.01



mm

0.7 x 76	**22.230.07**
1.0 x 76	**22.230.10**
1.2 x 70	**22.230.12**
0.7 x 89	**22.232.07**
1.0 x 89	**22.232.10**
1.2 x 89	**22.232.12**
0.7 x 50	**22.234.07**

QUINKE
22.230.07 - 22.234.07



mm

80 x 1.0	**22.236.10**
80 x 1.2	**22.236.12**

BIER
22.236.10 - 22.236.12



CLAUDE
22.240.00



VERRES
22.250.20
2.0 X 100 mm



mm

1.0 x 35	**22.302.01**
1.0 x 70	**22.302.02**
1.2 x 70	**22.302.03**
1.2 x 100	**22.302.04**
1.4 x 70	**22.302.05**
1.4 x 100	**22.302.06**
1.6 x 70	**22.302.07**
1.8 x 100	**22.302.08**

MENGHINI
22.302.01 - 22.302.08



mm

1.4 x 168	**22.310.14**
1.8 x 168	**22.310.18**

MENGHINI
22.310.14 - 22.310.18



MENGHINI
22.312.14 - 22.312.18



cc	
5	**22.314.05**
10	**22.314.10**

MENGHINI
22.314.05 - 22.314.10



mm	
2.0 x 155	**22.330.14**
2.0 x 105	**22.330.20**

FRANKLIN SILVERMANN
22.330.14 - 22.330.20



FRANKLIN SILVERMAN
22.350.20 - 22.354.25

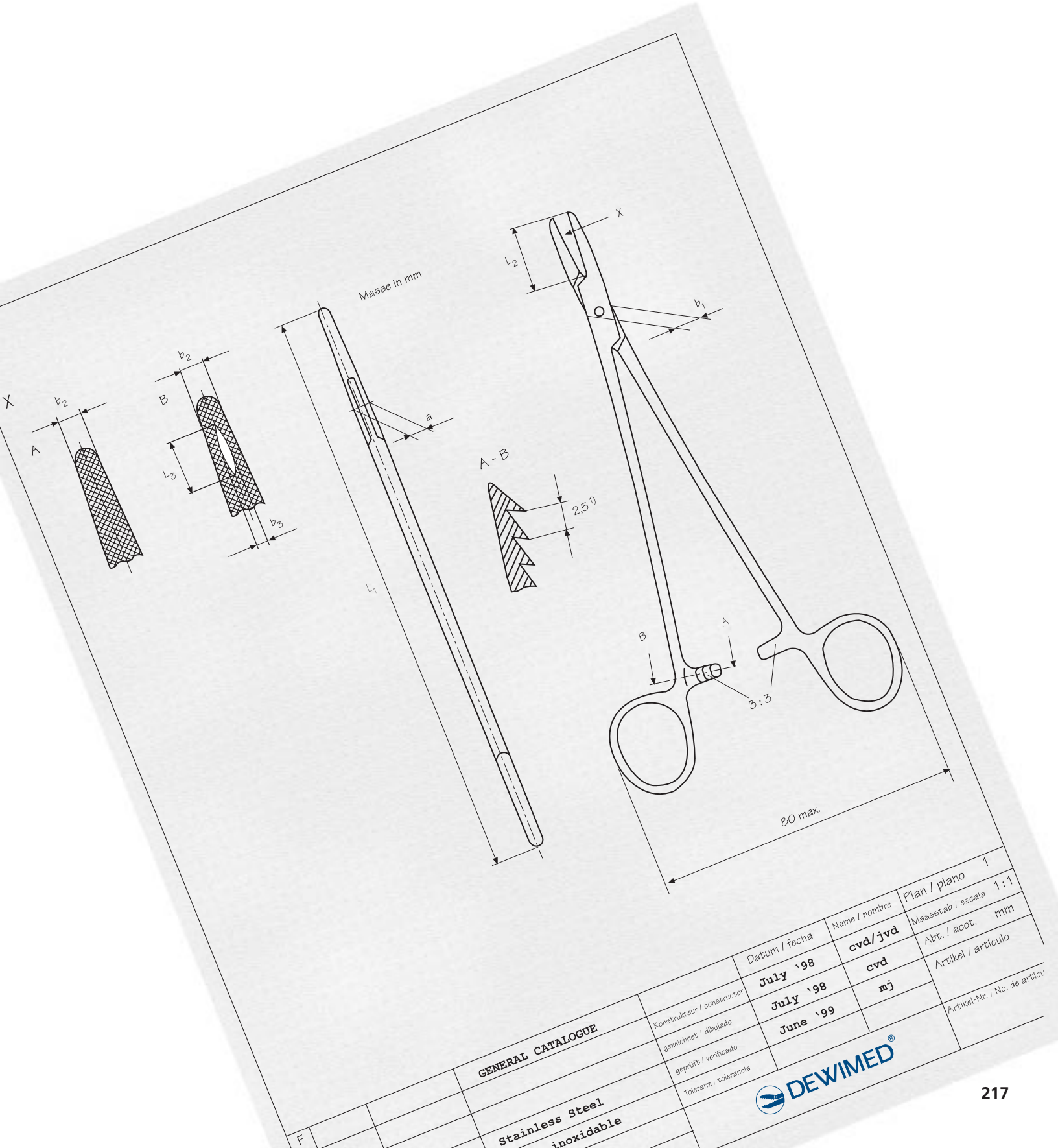


FRANKLIN SILVERMAN
22.352.15 - 22.356.20

mm		
2.0 X 100	**22.350.20**	**22.352.15**
2.5 X 145	**22.350.30**	**22.352.20**
2.0 X 100	**22.354.20**	**22.356.15**
2.5 X 145	**22.354.25**	**22.356.20**



MOCK
22.372.06


Masse in mm
X
A
B
A - B
80 max.
3:3
2,5 1)
GENERAL CATALOGUE
Stainless Steel
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maaestab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
DEWIMED®



WEBSTER
24.100.13
13 cm



CONVERSE
24.104.12 TC
12.5 cm



KILNER
24.104.13 TC
13.5 cm



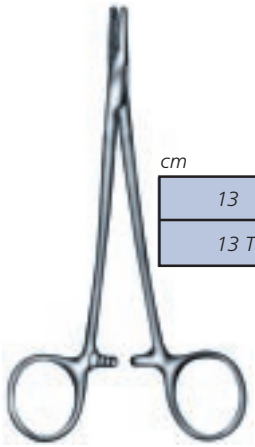
DERF
24.110.12
12 cm
24.114.12 TC
12 cm



DERF
24.120.12
12 cm

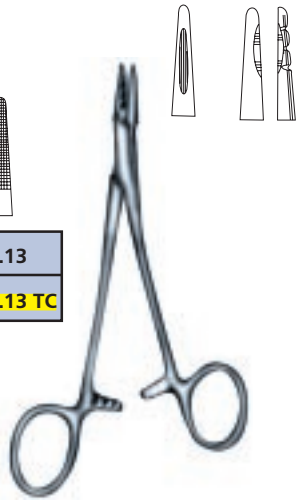


COLLIER
24.122.12
12.5 cm



HALSEY
24.130.13 -24.144.13
13 cm

cm		
13	**24.130.13**	**24.140.13**
13 TC	**24.134.13 TC**	**24.144.13 TC**



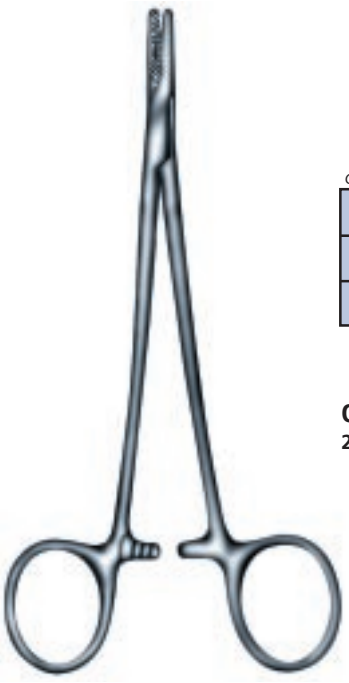
NEIVERT
24.146.13
13 cm

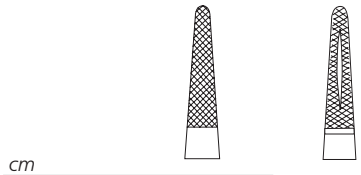


BAUMGARTNER
24.150.12 - 24.154.14 TC

mm

12.5	24.150.12	24.154.12 TC
14	24.150.14	24.154.14 TC

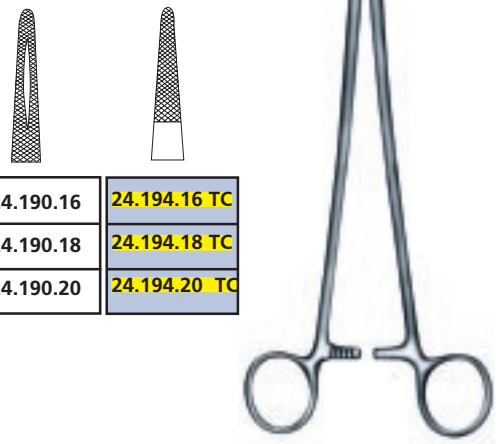




cm

15	24.160.15	24.164.15 TC
18	24.160.18	24.164.18 TC
20	24.160.20	24.164.20 TC

CRILE WOOD
24.160.15 -24.164.20 TC



cm

16	24.190.16	24.194.16 TC
18	24.190.18	24.194.18 TC
20	24.190.20	24.194.20 TC

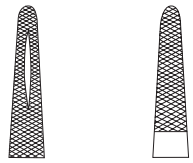
MAYO HEGAR
24.190.16 - 24.174.20 TC



CRILE MURRAY
24.170.15 - 24.174.15 TC
15 cm

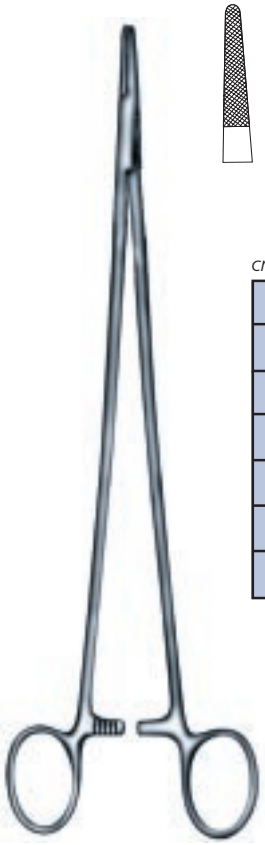


MAYO HEGAR
24.180.14 - 24.184.14 TC



cm

14	24.180.14	24.184.14 TC
16	24.180.16	24.184.16 TC
18	24.180.18	24.184.18 TC
20	24.180.20	24.184.20 TC
24	24.180.24	24.184.24 TC
26	24.180.26	24.184.26 TC
30	24.180.30	24.184.30 TC

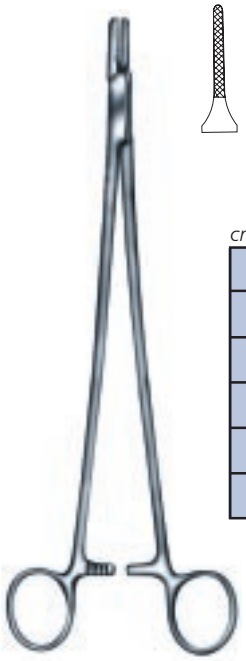


cm	
15	24.214.15 TC
18	24.214.18 TC
20	24.214.20 TC
23	24.214.23 TC
26	24.214.26 TC
31	24.214.31 TC
37	24.214.37 TC

DE BAKEY
24.214.15 TC - 24.214.37 TC



DE BAKEY
24.216.16
16.5 cm
24.216.21
21 cm



cm	
13	24.224.13 TC
15	24.224.15 TC
18	24.224.18 TC
20	24.224.20 TC
23	24.224.23 TC
26	24.224.26 TC

RYDER
24.224.13 TC - 24.224.26 TC



JAMISON
24.230.23 - 24.234.23 TC
23.5 cm



HEANEY
24.241.21
21 cm





24.244.15 TC
15 cm



24.244.17 TC
17 cm



24.244.20 TC
20 cm

24.244.15 TC - 24.244.20 TC



HEANEY
24.245.21 TC
21 cm



24.250.27



24.254.27 TC
27 cm

MASSON
24.250.27 - 24.254.27 TC
27 cm



24.260.27

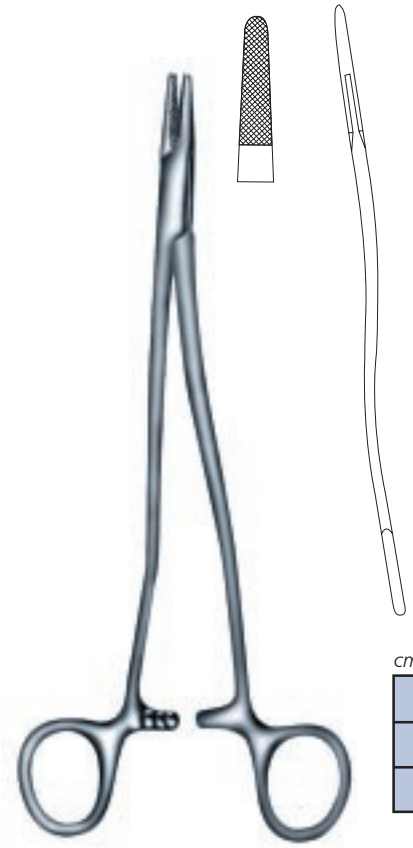


24.264.27 TC
27 cm

WANGENSTEEN
24.260.27 - 24.264.27 TC
27 cm



WANGENSTEEN
24.270.27 - 24.274.27 TC
27 cm



BOZEMANN
24.285.20 TC - 24.285.26 TC

cm	
20	**24.285.20 TC**
24	**24.285.24 TC**
26	**24.285.26 TC**



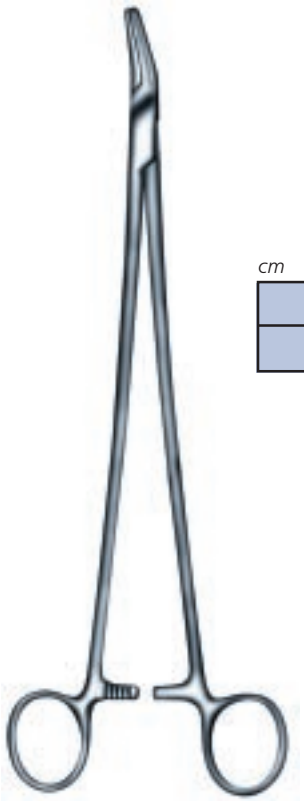
METZENBAUM
24.290.18
18 cm

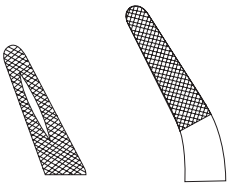


ADSON
24.292.18
18 cm



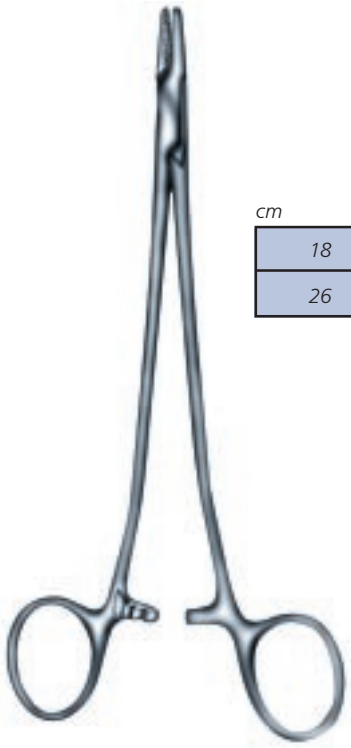
JOHNSON
24.293.27
27 cm

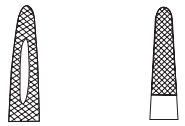




cm		
20	24.311.20	24.315.20 TC
27	24.311.27	24.315.27 TC

FINOCHIETTO
24.311.20 - 24.315.27 TC





cm		
18	24.320.18	24.324.18 TC
26	24.320.26	24.324.26 TC

SAROT
24.320.18 - 24.324.26 TC



STRATTE
24.330.23 - 24.334.23 TC
23 cm



CRILE
24.350.15
15 cm



TOENNIS
24.360.18 - 24.364.18 TC
18 cm



HOESEL
24.367.25
25 cm



MATHIEU
24.370.14 - 24.374.24 TC

cm

14	**24.370.14**	**24.374.14 TC**
17	**24.370.17**	**24.374.17 TC**
20	**24.370.20**	**24.374.20 TC**
24	**24.370.24**	**24.374.24 TC**



MATHIEU
24.380.17 - 24.384.20 TC

cm

17	**24.380.17**	**24.384.17 TC**
20	**24.380.20**	**24.384.20 TC**



MATHIEU
24.390.14 - 24.394.17 TC

cm

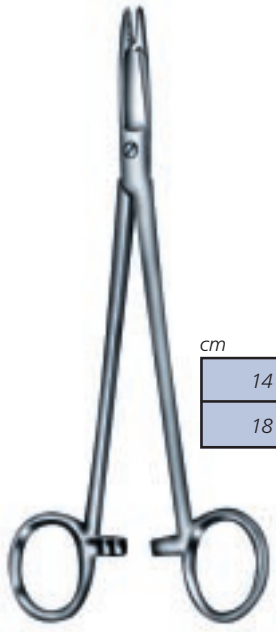
14	**24.390.14**	**24.394.14 TC**
17	**24.390.17**	**24.394.17 TC**



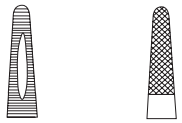
AXHAUSEN
24.404.18 TC
18.5 cm



LICHTENBERG
24.404.20 TC
20 cm



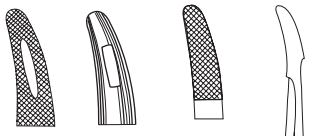
OLSEN HEGAR
24.410.14 - 24.414.18 TC



cm		
14	24.410.14	24.414.14 TC
18	24.410.18	24.414.18 TC



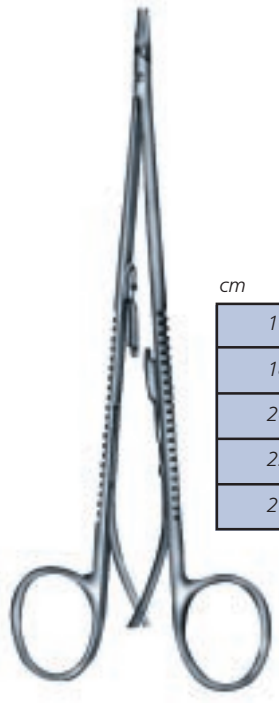
OLSEN HEGAR
24.420.17 - 24.424.17 TC
17 cm



24.430.16 **24.434.16 TC**



GILLIES
24.430.16 - 24.434.16 TC
16 cm



DIETHRICH
24.444.16 TC - 24.444.26 TC

cm	
16	24.444.16 TC
18	24.444.18 TC
20	24.444.20 TC
23	24.444.23 TC
26	24.444.26 TC





24.454.14 TC
14 cm



24.454.18 TC
18 cm



24.454.20 TC
20 cm

EUFRATE PASQUE
24.454.14 TC - 24.454.20 TC



ZWEIFEL
24.460.20 - 24.464.23 TC

cm

20	**24.460.20**	**24.464.20 TC**
23	**24.460.23**	**24.464.23 TC**



cm

11	**24.610.11**
13	**24.612.13**
15	**24.612.15**

STEVENS
24.610.11 - 24.612.15



BOYNTON
24.614.12
12 cm



ARRUGA
24.620.16 - 24.624.16
16 cm



KALT ARRUGA
24.627.14
14 cm



KALT
24.628.14
14 cm





24.650.10 *10 cm* | **24.651.10** *10 cm* | **24.652.12** *12 cm*

BARREQUER
24.650.10 - 24.652.12



micro	*normal*
24.653.18	**24.654.15**
24.656.18	**24.655.15**

REILL
18.653.18 - 24.656.18



cm	*without catch*	*with catch*	*with catch*
12	**24.661.12**	**24.662.12**	**24.663.12**
13	**24.661.13**		

BARRAQUER
24.661.12 - 24.663.12



BARRAQUER
24.664.15
15 cm
24.665.13 TC
13 cm



24.666.18
18 cm

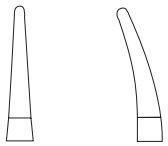


24.667.15 - 24.667.23

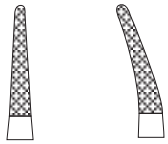
cm	
15	**24.667.15**
18	**24.667.18**
23	**24.667.23**



CASTROVIEJO
24.670.14 - 24.675.21 TC



24.670.14 **24.671.14**



cm		
14	**24.674.14 TC**	**24.675.14 TC**
18	**24.674.18 TC**	**24.675.18 TC**
21	**24.674.21 TC**	**24.675.21 TC**





24.676.14



24.677.14

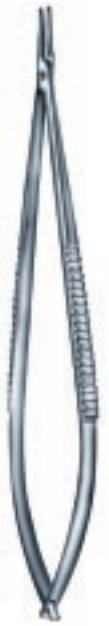
CASTROVIEJO
24.676.14 - 24.677.14
14 cm



24.678.14 TC
14 cm
24.678.18 TC
18 cm



24.680.13
13 cm
24.684.13 TC
13 cm





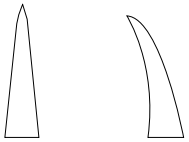
24.686.14



24.687.14 TC

24.686.14 - 24.671.14 TC
14 cm

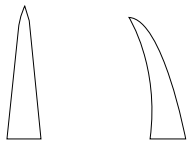




cm		
16	24.690.16	24.691.16
18	24.690.18	24.691.18

24.690.16 - 24.691.18





cm		
16.5	24.710.20	24.711.16
20.5	24.710.22	24.711.20
22.5		24.711.22
24.5		24.711.24

DEWIMED
24.710.20 - 24.711.24



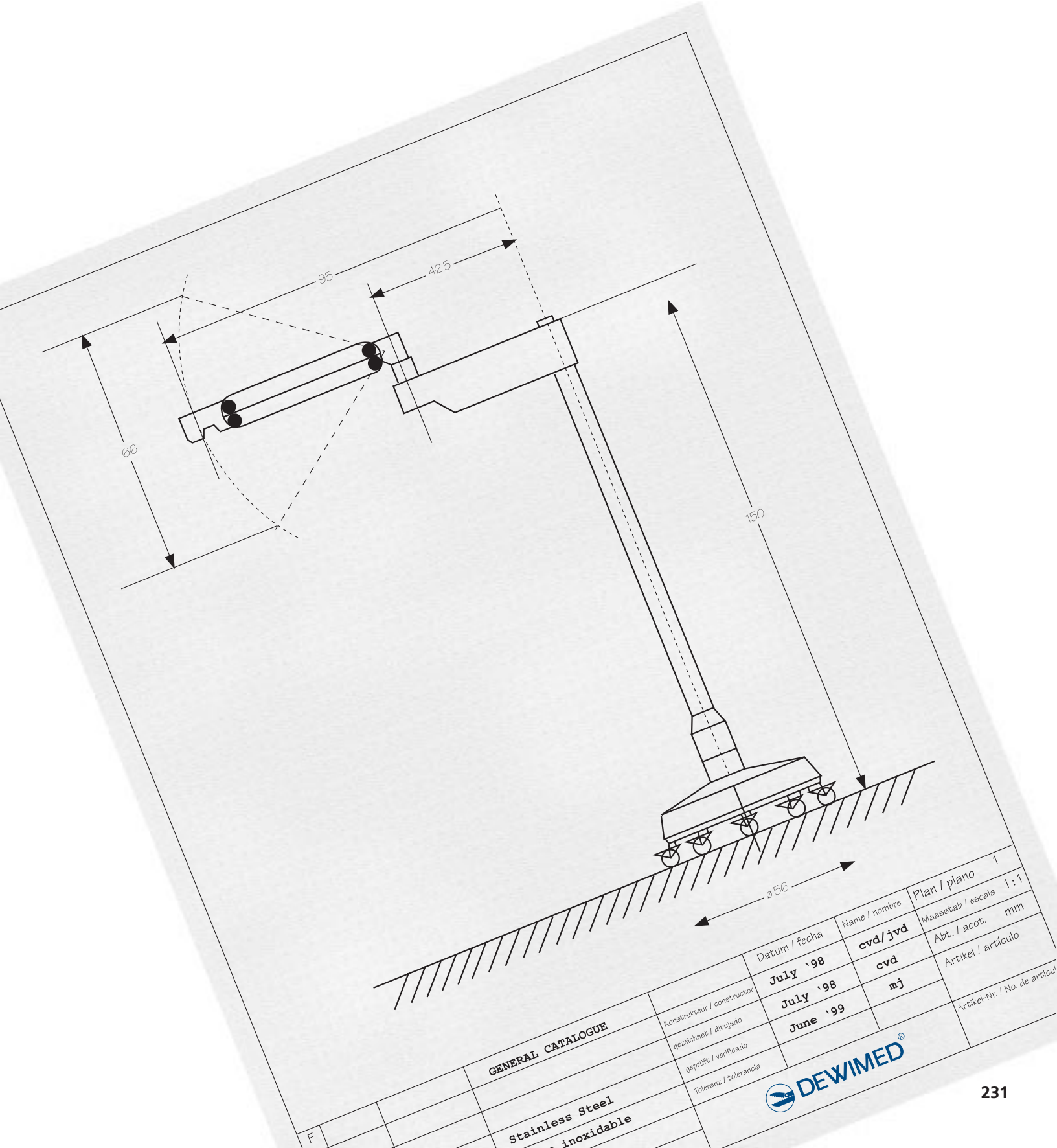


24.720.18



24.722.18

JACOBSON
24.720.18 - 24.722.18
18 cm


95
42.5
66
150
ø56
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de articul
DEWIMED®



25.32.002 - 25.32.86
binocular magnicfication glasses
2 and 2. 5 magnification

The HEINE magnification glasses are characterized by their precision optics and lightness.
Characteristics:

- Very light frame resistant to torsion.
- One-handed adjustment of interpupilary distance.
- Height-adjustment.
- Optics can be swivelled or removed.
- Coaxial shadow-free ilumination.

technical data

Magnifications	*2 x*	*2.5 x*	*2.5 x*
Working distance	*420 mm*	*420 mm*	*340 mm*
Field of vision	*ø95 mm*	*ø85 mm*	*ø75 mm*
Weight	*80 g*	*80 g*	*80 g*

magnification 2

frame	working distance 420 mm	working distance 340 mm
without	**25.32.002**	
large	**25.32.081**	
small	**25.32.071**	

magnification 2.5

frame	working distance 420 mm	working distance 340 mm
without	**25.32.007**	**25.32.004**
large	**25.32.086**	**25.32.083**
small	**25.32.076**	**25.32.072**

Las lupas binaculares de HEINE destacan por la precisión de su óptica y de su peso ligero.
Son de uso universal.
Caracteristicas:

- Armazón ligero y a prueba de torsión.
- Optica abatible hacia arriba.
- Ajuste de distancia entre pupilas con una sola mano.
- Optica extrahible de la montura.
- Ajuste de altura de dos posiciones.
- Se suministra una iluminación adicional incorporable.
- Iluminación libre de sombras y coaxial.

datos técnicos

Ampliación	*2 x*	*2.5 x*	*2.5 x*
Distancia de trabajo	*420 mm*	*420 mm*	*340 mm*
Campo de visión	*ø95 mm*	*ø85 mm*	*ø75 mm*
Peso	*80 g*	*80 g*	*80 g*

ampliación 2

armazón	distancia de trabajo 420 mm	distancia de trabajo 340 mm
sin	**25.32.002**	
grande	**25.32.081**	
chico	**25.32.071**	

ampliación 2.5

armazón	distancia de trabajo 420 mm	distancia de trabajo 340 mm
sin	**25.32.007**	**25.32.004**
grande	**25.32.086**	**25.32.083**
chico	**25.32.076**	**25.32.072**

Die binokularen Vergrößerungsgläser von HEINE sind aufragend durch die Präzision ihrer Optik und durch ihr leichtes Gewicht.

Merkmale:

- Nach oben klappbare Optik.
- Leichtes und krümmungssicheres Brillengestell.
- Von Brillengestell abbaubare Optik.
- Einhändige Einstellung des Augenabstandes.
- Schattenfreie und koachsiale Beleuchtung.
- Zweistellige Höheneinstellung.

technische Angaben

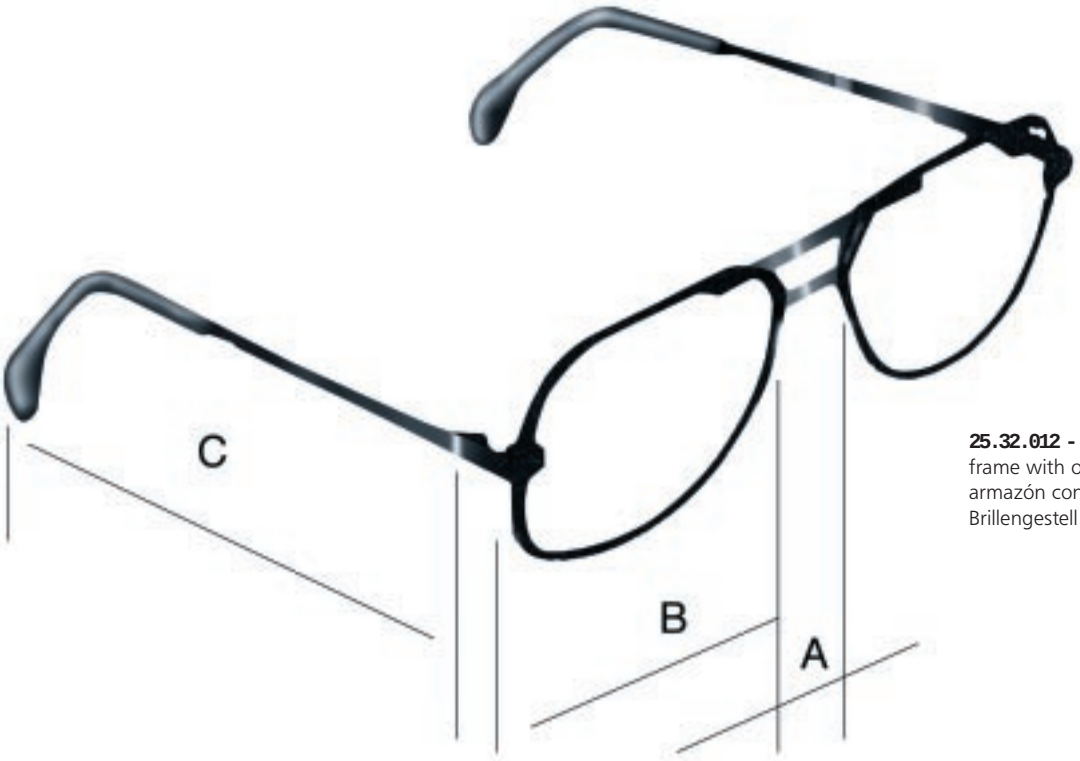
Vergrößerung	*2 x*	*2.5 x*	*2.5 x*
Arbeitsabstand	*420 mm*	*420 mm*	*340 mm*
Sichtfeld	*ø95 mm*	*ø85 mm*	*ø75 mm*
Gewicht	*80 g*	*80 g*	*80 g*

Vergrößerung 2

Brillengestell	Arbeitsabstand 420 mm	Arbeitsabstand 340 mm
ohne	**25.32.002**	
groß	**25.32.081**	
klein	**25.32.071**	

Vergrößerung 2.5

Brillengestell	Arbeitsabstand 420 mm	Arbeitsabstand 340 mm
ohne	**25.32.007**	**25.32.004**
groß	**25.32.086**	**25.32.083**
klein	**25.32.076**	**25.32.072**



25.32.012 - 25.32.014
frame with opticas mount and retaining cord
armazón con portaópticas y cinta de sujeción
Brillengestell mit Optikhalter und Halterungsband

	A	*B*	*C*	
large	*17 mm*	*57 mm*	*140 mm*	**25.32.012**
small	*15mm*	*55 mm*	*135 mm*	**25.32.014**



25.32.003 - 25.32.85
binocular magnicfication glasses
3.5, 4 and 6 magnifications

High quality optical elements guarantee high resolution images for high performance
Characteristics:
- Precision prismatic optics, acromatic with multiple correction.
- Light weight frames safe against torsion
- Adjustment of interpupilary distance one-handed.
- Two positional height adjustment
- Optics can be swivelled up
- Optics can be removed from the frame
- Coaxial shadow-free illumination.

magnification 3.5

frame	working distance 420 mm
without	**25.32.003**
large	**25.32.082**
small	**25.32.072**

magnification 4

frame	working distance 340 mm
without	**25.32.005**
large	**25.32.084**
small	**25.32.074**

magnification 6

frame	working distance 340 mm
without	**25.32.006**
large	**25.32.085**
small	**25.32.075**

technical data

Magnifications	*3.5 x*	*4 x*	*6 x*
Working distance	*420 mm*	*340 mm*	*340 mm*
Field of vision	*ø65 mm*	*ø50 mm*	*ø38 mm*
Weight	*115 g*	*115 g*	*115 g*

Las piezas ópticas de alta calidad garantizan una resolución de imagen extremadamente alta para exigencias elevadas.
Caracteristicas:
- Optica prismática de precisión con acrómatas de corrección múltiple.
- Armazón ligero y a prueba de torsión.
- Optica abatible hacia arriba.
- Ajuste de distancia entre pupilas con una sola mano.
- Optica extrahible de la montura.
- Ajuste de altura de dos posiciones.
- Iluminación libre de sombras y coaxial.

ampliación 3.5

armazón	distancia de trabajo 420 mm
sin	**25.32.003**
grande	**25.32.082**
chico	**25.32.072**

ampliación 4

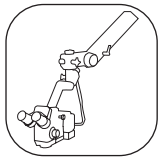
armazón	distancia de trabajo 340 mm
sin	**25.32.005**
grande	**25.32.084**
chico	**25.32.074**

ampliación 6

armazón	distancia de trabajo 340 mm
sin	**25.32.006**
grande	**25.32.085**
chico	**25.32.075**

datos técnicos

Ampliación	*3.5 x*	*4 x*	*6 x*
Distancia de trabajo	*420 mm*	*340 mm*	*340 mm*
Campo de visión	*ø65 mm*	*ø50 mm*	*38 mm*
Peso	*115 g*	*115 g*	*115 g*



Die erstklassigen optischen Teile garantieren eine hervorragende Bildschärfe für hohe Ansprüche.

- Prismatische Präzisionsoptik mit Achromaten für mehrfache Korrektionen.
- Leichtes und krümmungssicheres Brillengestell.
- Einhändige Einstellung des Augenabstandes.
- Zweistellige Höheneinstellung.
- Nach oben klappbare Optik.
- Von Brillengestell abbaubare Optik.
- Schattenfreie und koachsiale Beleuchtung.

technische Angaben

Vergrößerung	*3.5 x*	*4 x*	*6 x*
Arbeitsabstand	*420 mm*	*340 mm*	*340 mm*
Sichtfeld	*ø65 mm*	*ø50 mm*	*ø38 mm*
Gewicht	*115 g*	*115 g*	*115 g*

Vergrößerung 3.5

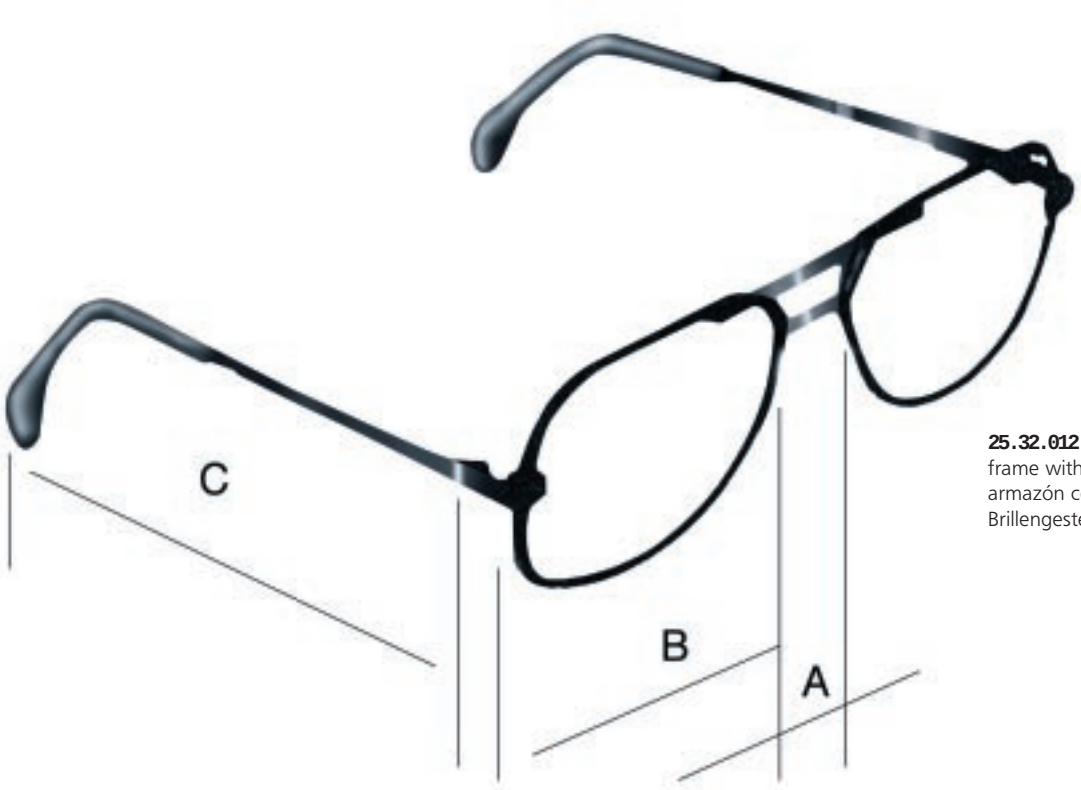
Brillengestell	Arbeitsabstand 420 mm
ohne	**25.32.003**
groß	**25.32.082**
klein	**25.32.072**

Vergrößerung 4

Brillengestell	Arbeitsabstand 340 mm
ohne	**25.32.005**
groß	**25.32.084**
klein	**25.32.074**

Vergrößerung 6

Brillengestell	Arbeitsabstand 340 mm
ohne	**25.32.006**
groß	**25.32.085**
klein	**25.32.075**



25.32.012 - 25.32.014
frame with opticas mount and retaining cord
armazón con portaópticas y cinta de sujeción
Brillengestell mit Optikhalter und Halterungsband

	A	*B*	*C*	
large	*17 mm*	*57 mm*	*140 mm*	**25.32.012**
small	*15 mm*	*55 mm*	*135 mm*	**25.32.014**

- Multicoated, scratch-resistant silica glass lenses
- Brillant, high-resolution mage with the new C optics 2.3 x 340 mm
- Lightweight all-metal frame with spiral-sprung hinged hinged temples for maximum comfort
- Slimline optics make it easy to view without magnification if required
- The optics can be placed clos to the viewer's eyes to give a large field of view

The light weight (46 g). compact and comfortable HEINE - Binocular Loupe C offers a 2.3 x magnification at a working distance of 340 mm and is an ideal tool for professionals, who want to achieve the best results.



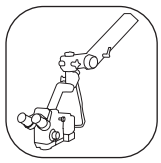
c 00.32.039
binocular loupe C

- óptica especialmente tratada para evitar rayaduras en el cristal
- imágenes brillantes y de alta esolución gracias al nuevo diseño de la óptica C de 2.3 x 340 mm
- armazón de metal de alta calidad con estribo flexible a base de resorte para mayor comodidad
- su fina constitución permite prescindir de la magnificación, sin necesidad de quitarse el armazón
- la distancia mínima entre ojo del usuario y la óptica favorece a un amplio campo de visión

La lupa binocular C de HEINE, ligera (46 g), compacta y cómoda, con amliación de 2.3 y una distancia de trabajo de 340 mm, permite trabajar de forma precisa y segura.

- Mehrfach vergütete hochwertige Optik, kratzfest
- Helles, brillantes Bild durch die neu entwickelte C-Optik 2.3 x 340 mm
- Hochwertige Ganzmetallfassung mit Federbügeln und Gespinst für optimalen Komfort
- Die besonders kompakte Bauweise erlaubt es, an den Okularen vorbeizusehen (guter Überblick des gesamten Arbeitsbereichs auch bei aufgesetzter Lupenbrille)
- Geringer Abstand der Optik vom Untersucherauge ergibt extrem großes Sichtfeld

Die leichte (46 g) kompakte und bequeme HEINE - Lupenbrille C mit 2.3 - facher Vergrößerung und einem Arbeitsabstand von 340 mm bietet gute Voraussetzungen für präzises und sicheres Arbeiten.





25.32.016
light weight headband

light weight headband
Alternative for long lasting work wilh binocular magnification glasses, it can be used by people who have normal eye vision as well as eye glass users. Light and confortable, with vertical adjustment of optics.

cinta craneal ligera
La alternativa confortable para trabajos prolongados con lupas binoculares. Adecuada para portadores de gafas al igual que para personas emetropes. Ligera y comoda, ajuste de precision vertical de la optica.

leichtes Kopfband
Die bequeme Alternative für längere Arbeiten mit binokularen Vergrößerungsgläsern. Sowohl für Brillenträger als auch für Normalsichtige geeignet. Leicht und bequem. Vertikale Präzisionseinstellung der Optik.



25.32.025
universal clamp

universal clamp
Adaptable to any frame.
The binocular magnification optics are simply attached to it.

pinza universal
La Pinza Universal se acopla a cada gafa. La Lupa binocular se acopla simplemente en la Pinza Universal.

universalklemme
Die Universalklemme kann an jede Brille angepaßt werden. Das binokulare Vergrößerungsglas wird einfach an die Universalklemme angepaßt.



25.32.029
adaptable iluminator with cable and halogen bulb HEINE XHL, 6 v.

25.88.080
replacement bulb, 6v halogen

adaptable iluminator
Attachable to any binocular magnification glasses.
The XHL bulb guarantees a bright, white light, vertically adjustable. (Recommended power sources E8 and Akkubox)

iluminador incorporable
Adaptable a todas las lupas binoculares. Luz clara, blanca mediante la lampara halogena HEINE XHL. La dirección de iluminacion es abatible en sentido vertical (Fuentes de luz idoneas E8 y Accubox)

einsetzbarer Beleuchter
Der einsetzbare Beleuchter kann an jedes binokulare Vergrößerungsglas angepaßt werden. Helles, weißes Licht durch die Halogenlampe HEINE XHL. Die Beleuchtungsrichtung ist vertikal verstellbar. (Ideale Lichtquellen E8 und Akkubox)



25.32.026 - 25.32.027

attachabel protection lenses for magnification glasses.

cristales de protección incorporables para lupas binoculares.

einsetzbare Schutzgläser für binokulare Vergrößerungsgläser.

magnification	
2.0	**25.32.026**
2.5	**25.32.026**
3.5	**25.32.027**
4.0	**25.32.027**
6.0	**25.32.027**

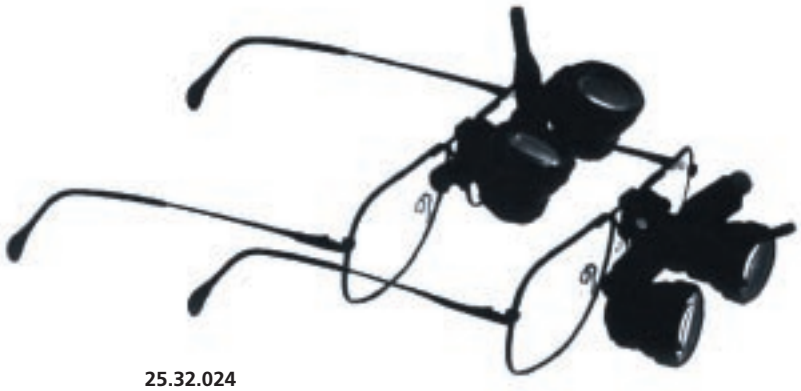


25.32.017
lateral protection against splashes
protección lateral contra salpicaduras
lateraler Schutz gegen Spritzer

sterilizable lever
Centrally attachable to its provided holder.

palanca esterilizable
La palanca se coloca simplemente de forma central sobre los pasadores de fijación.

sterilisierbarer Hebel
Der Hebel wird einfach zentral auf die vorgesehene Halterung gesetzt.



25.32.024
sterilizable lever (6 units)



UBL 100 bulb
25.88.080
Bulb for binocular magnification glasses, 6 V halogen



25.16.200 - 25.16.201
Plug-in transformer E 8

25.16.200
plug - in transformer E 8 with switch and cable

transformador de enchufe E 8 con interruptor y cable

Steckdosentransformator E 8 mit Schalter und Kabel

25.16.201
plug - in transformer E8
6 V / 10 W
Power source appropiate for the adaptable iluminator

transformador de enchufe E8
6 V / 10 W
Fuente de tensión apropiada para el iluminador incorporable.

Steckdosentransformator E8
6 V / 10 W
Spannungsquelle, geeignet für der einsetybaren Beleuchter.





HEINE accubox 6 V/10 W

Apropiado para todos los instrumentos HEINE de 6V. Es una fuente de tensión portátil para los instrumentos. Una carga de bateria recargable ofrece un tiempo de exploración de aprox. 1 hora, en función de la intensidad de la iluminación.

Dimensiones: 120 x 70 x 35 mm
Peso: 360g
Caracteristicas:
- muy pequeño y manejable.
- regulador continuo de luminosidad.
- indicación del proceso de carga y del consumo de corriente.

accubox con bateria recargable y transformador de carga **25.99.622**

accubox sólo con bateria recargable, sin transformador **25.99.621**

bateria recargable de recambio S5Z **25.99.623**

transformador de carga suelto **25.99.308**

HEINE accubox 6 V/10 W

Appropiate for all HEINE 6V Instruments.
The Accubox is a pocketsized portable power source for instruments.
Fully charged, it will operate the instrument up to one hour, depending on the intensity of the ilumination.

Dimensions: *120 x 70 x 35mm*
Weight: *360g*
Characteristics:
- portable and small.
- adjustable Intensity.
- LED Indicator for charge.

accubox with rechargeable battery and charging transformer **25.99.622**

accubox and rechargeable battery, transformer not included **25.99.621**

S5Z rechargeable battery **25.99.623**

charging transformer **25.99.308**

HEINE Akkubox 6V / 10 W

Geeignet für alle 6V HEINE Instrumente. Die Akkubox bewährt sich als tragbare Spannungsquelle für Instrumente, die für den Benutzer bewegbar sein müssen.
Die ladbare Batterie kann, nachdem sie neu geladen wurden, 1 Stunde lang für die benötigte Beleuchtung benutzt werden.

Größe: *120 x 70 x 35mm*
Gewichr: *360g*
Eigenschaften:
- klein und handlich
- beständiger Beleuchtungsregler
- Ladungsanzeiger und Anzeiger der verbrauchten Spannung über LED.

Akkubox mit ladbarer Batterie und Ladungstransformator **25.99.622**

Akkubox nur mit ladbarer Batterie, ohne Transformator **25.99.621**
Ladbare Ersatzbatterie S5Z **25.99.623**

Ladungstransformator, einzeln **25.99.308**

SOM 22

Characteristics

- Space saving thanks to its wall mounted pedestal.
- The rotating arm and the counterbalanced swivel arm allow for easy positioning of the microscopehead.
- Option between direct coaxial halogen light or transmitted through fiberoptics, in both cases 12V/100W, equipped with an emergency bulb.
- Option between magnification changers with one, three or five steps; a manual zoom (8:1) is also available.
- The illumination is turned on automatically when the microscopehead is placed into working position.
- A wide range of accessories, documentation systems for video and 35 mm fotography and coobservation-systems are available.

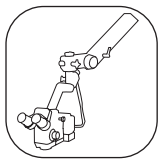
Características

- Ahorro de espacio gracias a su fijacion a la pared.
- El brazo giratorio y el brazo basculante autocompensado permiten un fácil posicionamiento.
- Opción de iluminación homogenea. Coaxial, regulable sin escalas, halógena de 12V /100W integrada en el cabezal o transmitida por fibra óptica, con foco de emergencia.
- Opción de cabezales estereoscópicos de un aumento, 3 aumentos, 5 aumentos y 8 aumentos en zoom manuales (8:1).
- Encendido automático cuando el brazo basculante es posicionado a la altura de trabajo.
- Amplia gama de accesorios, sistemas de documentación por video o fotografía de 35 mm y equipos para coobservadores y asistentes.



Merkmale

- Besonders raumsparend durch Wandmotage.
- Der Dreharm und der ausgeglichene Schwebearm erlauben eine problemlose Positionierung.
- Auswahl zwischen direkter koaxialer Halogenbeleuchtung und Kaltlichtbeleuchtung, in beiden Fällen 12V/100W, mit einer Notlampe ausgestattet.
- Auswahl zwischen einfacher, dreifacher oder fünffacher Vergrößerungseinheit oder auch mit manuellem Zoom (8:1)
- Die Beleuchtung schaltet sich automatisch an, wenn der Mikroskopkopf in die Arbeitshöhe positioniert wird.
- Breite Zubehörauswahl, Dokumentationsausstattungen mittels Video oder 35 mm Fotografie und Mitbeobachtereinrichtungen.



technical specifications
manufactured by Karl Kaps

SOM 22

pedestal?	wallmounted
arms:	rotating arm 425 mm swivel arm 850 mm height +/- 500 mm
magnification changers:	simple, triple five fold and manual zoom (8:1)
binocular tubes:	see accessory list
eye pieces:	see accessory list
objectives:	see accessory list
ilumination:	12V / 100W halogen
power consumption:	120 VA
power supply:	110 / 220V, 50-60 Hz
weight:	28 kg

green filter integrated

datos técnicos
marca Karl Kaps

SOM 22

estativo:	fijado a la pared
brazos:	brazo giratorio 425mm basculante 850 mm altura: +/- 500 mm
cambiador de aumentos:	sencillo, triple, quintuple o zoom manual (8:1)
tubos binoculares:	ver listado de accesorios
oculares:	ver listado de accesorios
objetivos:	ver listado de accesorios
iluminación:	12V / IOOW halógena
consumo máximo:	120 VA
conexión a la red:	110 / 220V, 50-60 Hz
peso:	28 kg

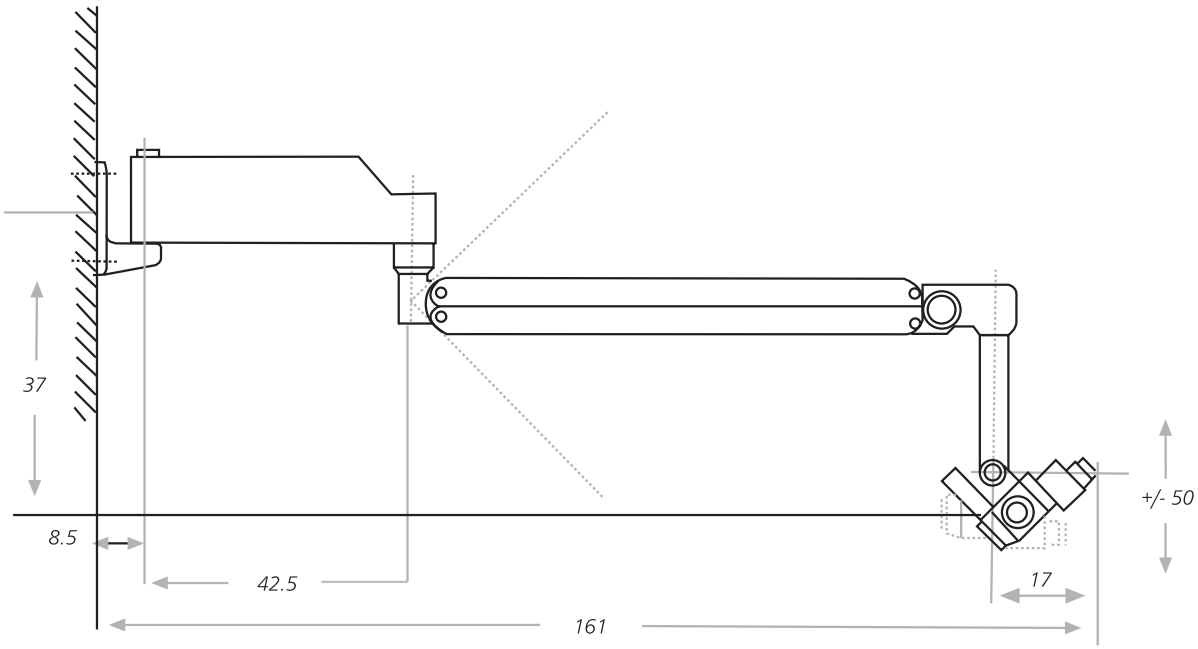
filtro verde integrado

technische Angaben
Hersteller: Karl Kaps

SOM 22

Stativ:	Wandmontage
Arme:	Dreharm 425 mm Schwenkarm 850 mm Höhe +/- 500 mm
Verprößerungs-einheiten:	1-fach, 3-fach, 5-fach und manueller Zoom (8:1)
binokulare Tuben:	siehe Zubehörliste
Okulare:	siehe Zubehörliste
Objetive:	siehe Zubehörliste
Beleuchtung:	12V / 1OOW, Halogen
Strom-verbrauch:	120 VA
Anschluß:	110 / 220V, 50-60 Hz
Gewicht:	28 kg

Grünfilter eingebaut



SOM 32



Characteristics

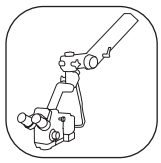
- Space saving thanks to its ceiling mounted pedestal.
- the rotating arm and the counterbalanced swivel arm allow for easy positioning of the microscopehead.
- Option between direct coaxial halogen light or transmitted through fiberoptics, in both cases 12V/100W, equipped with an emergency bulb.
- Option between magnification changers with one, three or five steps; a manual zoom (8:1) is also available.
- The illumiation is turned on automatically when the microscopehead is placed in to working position.
- A wide range of accessories, documentation systems for video and 35 mm fotography and coobservation - systems are available.

Características

- Ahorro de espacio gracias a su fijación al techo.
- El brazo giratorio y el brazo basculante autocompensado permiten un fácil posicionamiento.
- Opción de iluminación homogénea, coaxial, regulable sin escalas, halógena de 12V/100W integrada en el cabezal o transmitida por fibra óptica, con foco de emergencia.
- Opción de cabezal estereoscópicos de un aumento. 3 aumentos, 5 aumentos y 8 aumentos en zoom manuales (8:1).
- Encendido automático cuando el brazo basculante es posicionado a la altura de trabajo.
- Amplia gama de accesorios, sistema de documentación por video o fotografia de 35 mm y equipos para coobservadores y asistentes.

Merkmale

- Besonders raumsparend durch Deckenmotage.
- Der Dreharm und der ausgeglichene Schwebearm erlauben eine problemlose Positionierung.
- Auswahl zwischen direkter, koaxialer Halogenbeleuchtung und Kaltlichtbeleuchtung, in beiden Fällen 12V/100W, mit einer Notlampe ausgestattet.
- Auswahl zwischen einfacher, dreifacher oder fünffacher Vergrößerungseinheit oder auch mit manuellem Zoom (8:1).
- Die Beleuchtung schaltet sich automatisch an, wenn der Mikroskopkopf in die Arbeitshöhe positioniert wird.
- Breite Zubehörauswahl, Dokumentationsausstattungen mittels Video oder 35 mm Fotografie und Mitbeobachtereinrichtungen.



technical specifications
manufactured by Karl Kaps

SOM 32

pedestal:	ceilingmounted
arms:	rotating arm 425 mm swivel arm 850 mm height +/- 500 mm
magnificabon changers:	simple, triple, five fold and manual zoom (8:1)
binocular tubes:	see accessory list
eye pieces:	see accessory list
objectives:	see accessory list
ilumination:	12V / 100W halogen
power consumption:	120 VA
power supply:	110 / 220V, 50-60 Hz
weight:	35 kg

green filter integrated

datos técnicos
marca: Karl Kaps

SOM 32

estativo:	fijado al techo
brazos:	brazo giratorio 425mm basculante 850mm altura: +/- 500 mm
cambiador de aumentos:	sencillo, triple, quintuple o zoom manual (8:1)
tubos binoculares:	ver listado de accesorios
oculares:	ver listado de accesorios
objetivos:	ver listado de accesorios
iluminación:	12V / lOOW halógena
consumo máximo:	120 VA
conexión a la red:	110 / 220V, 50-60 Hz
peso:	35 kg

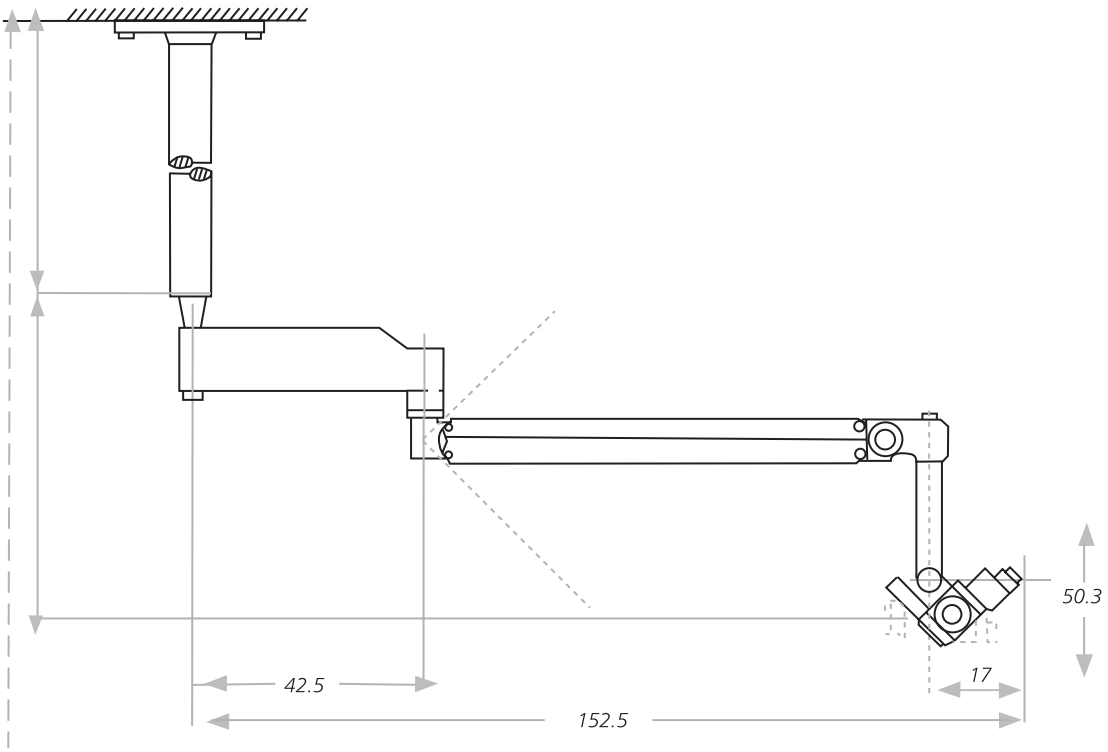
filtro verde integrado

technische Angaben
Hersteller: Karl Kaps

SOM 32

Stativ:	Deckenmontage
Arme:	Dreharm 425mm Schwenkarm 850 mm Höhe +/- 500 mm
Verprößerungs-einheiten:	1-fach, 3-fach, 5 -fach und manueller Zoom (8:1)
binokulare Tuben:	siehe Zubehörliste
Okulare:	siehe Zubehörliste
Objetive:	siehe Zubehörliste
Beleuchtung:	12V / 1OOW, Halogen
Strom-verbrauch:	120 VA
Anschluß:	110 / 220V, 50-60 Hz
Gewicht:	35 kg

Grünfilter eingebaut



S0M 62

Characteristics

- Option between four basic models:
  - * **S0M 62** with direct, coaxial, halogen illumination.
  - * **SOM 62** with coaxial, halogen illumination transmitted through fiber-optics.
  - * **SOM 62 MOT** with direct, coaxial halogen illumination and motorized fine adjustment. Microscopehead with manual magnification changer or with motorized zoom.
  - * **SOM 62 MOT** with coaxial, halogen illumination transmitted through fiberoptics and with motorized fine adjustment. Microscopehead with manual magnification changer or with motorized zoom.
- The rotating arm and the counterbalanced swivel arm allow for easy positioning of the microscopehead.
- A wide range of accessories, documentation system for video and 35 mm fatography and coobservation system.
- Option between round pedestal (ø 560 mm) or "H-shaped" for maximum stability.

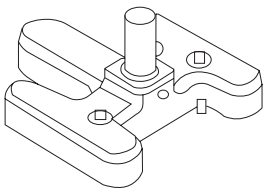
Características

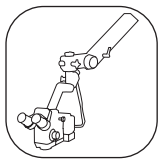
- Opción de cuatro modelos básicos:
  - * **SOM 62** con iluminación integrada al cabezal manual.
  - * **SOM 62** de iluminacion transmitida por fibras ópticas manual.
  - * **SOM 62 MOT** con iluminación integrada al cabezal y enfoque fino motorizado accionado por pedal. Cabezal con cambiador de aumentos manual o zoom motorizado.
  - * **SOM 62 MOT** con iluminación transmitido por fibras ópticas (luz fría), con enfoque fino motorizado. Cabezal con cambiador de aumentos manual o zoom motorizado.
- El brazo giratorio y el brazo basculante autocompensado permiten un fácil posicionamiento.
- Amplia gama de accesorios, sistema de documentación por video o fotografía de 35 mm y equipos para coobservadores y asistentes.
- Opcion de bases rodables con frenos, redonda (ø 560 mm) o en forma de "H" para maxima estabilidad.



Merkmale

- Auswahl zwischen vier Grundmodellen:
  - * **SOM 62** mit direkter, koaxialer Halogenbeleuchtung.
  - * **SOM 62** mit Kaltlichtbeleuchtung.
  - * **SOM 62 MOT** mit direkter, koaxialer Beleuchtung und motorischer Feinfokussierung. Mikroskopkopf mit manueller Vergrößerungseinheit oder motorischem Zoom.
  - * **SOM 62 MOT** mit Kaltlichtbeleuchtung und motorischer Feinfockussierung. Mikroskopkopf mit manueller Vergrößerungseinheit oder motorischem Zoom.
- Der Dreharm und der ausgeglichene Schwebearm erlauben eine problemlose Positionierung.
- Breite Zubehörauswahl, Dokumentationsausstattungen mittels Video oder 35 mm Fotografie und Mitbeobachtereinrichtungen.
- Auswahl zwischen rundem Rollstativ (ø 560 mm) oder H-Fuß für maximale Stabilität.





technical specifications
manufactured by Karl Kaps

SOM 62

pedestal:	round pedestal (ø 560mm) or "H-shaped" with brakes.
arms:	rotating 425 mm swivel arm 650 mm height +/- 300 mm
magnification changers:	simple, triple, five fold, manual zoom (8:1) and motorized zoom (8:1) fine adjustment manual or motorized
binocular tubes:	see accessory list
eye pieces:	see accessory list
objectives:	see accessory list
ilumination:	12V / 100W halogen
power consumption:	140 VA
power supply:	110 / 220V, 50-60 Hz
weight:	100 kg

green filter integrated

datos técnicos
marca: Karl Kaps

SOM 62

estativo:	base rodable (ø 560 mm) con frenos o en H con frenos
brazos:	giratorio 425 mm basculante 650 mm altura +/- 300 mm
cambiador de aumentos:	un aumento, 3 aumentos, 5 aumentos, zoom manual (8.1) y zoom motorizado (8:1) enfoque fino manual o motorizado
tubos binoculares:	ver listado de accesorios
oculares:	ver listado de accesorios
objetivos:	ver listado de accesorios
iluminación:	12V / 100W halógena
consumo máximo:	140 VA
conexión a la red:	110 / 220V, 50-60 Hz
peso:	100 kg

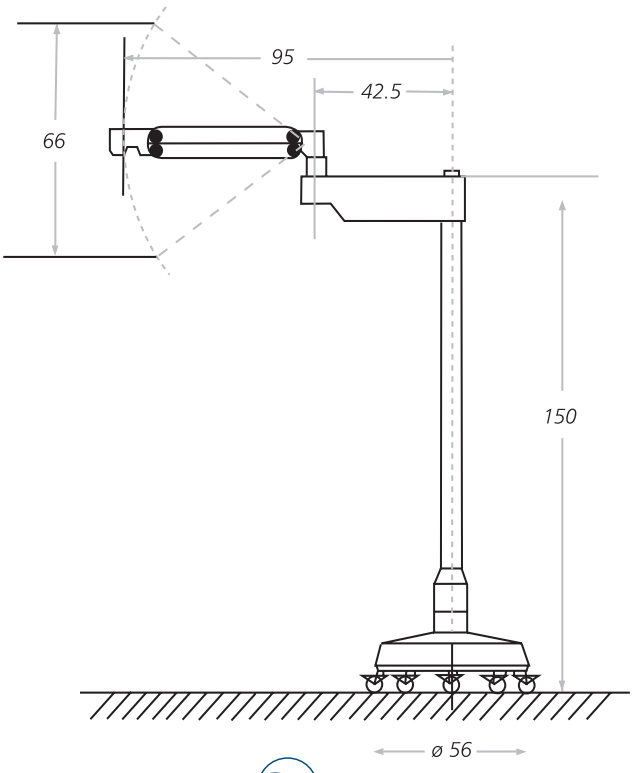
filtro verde integrado

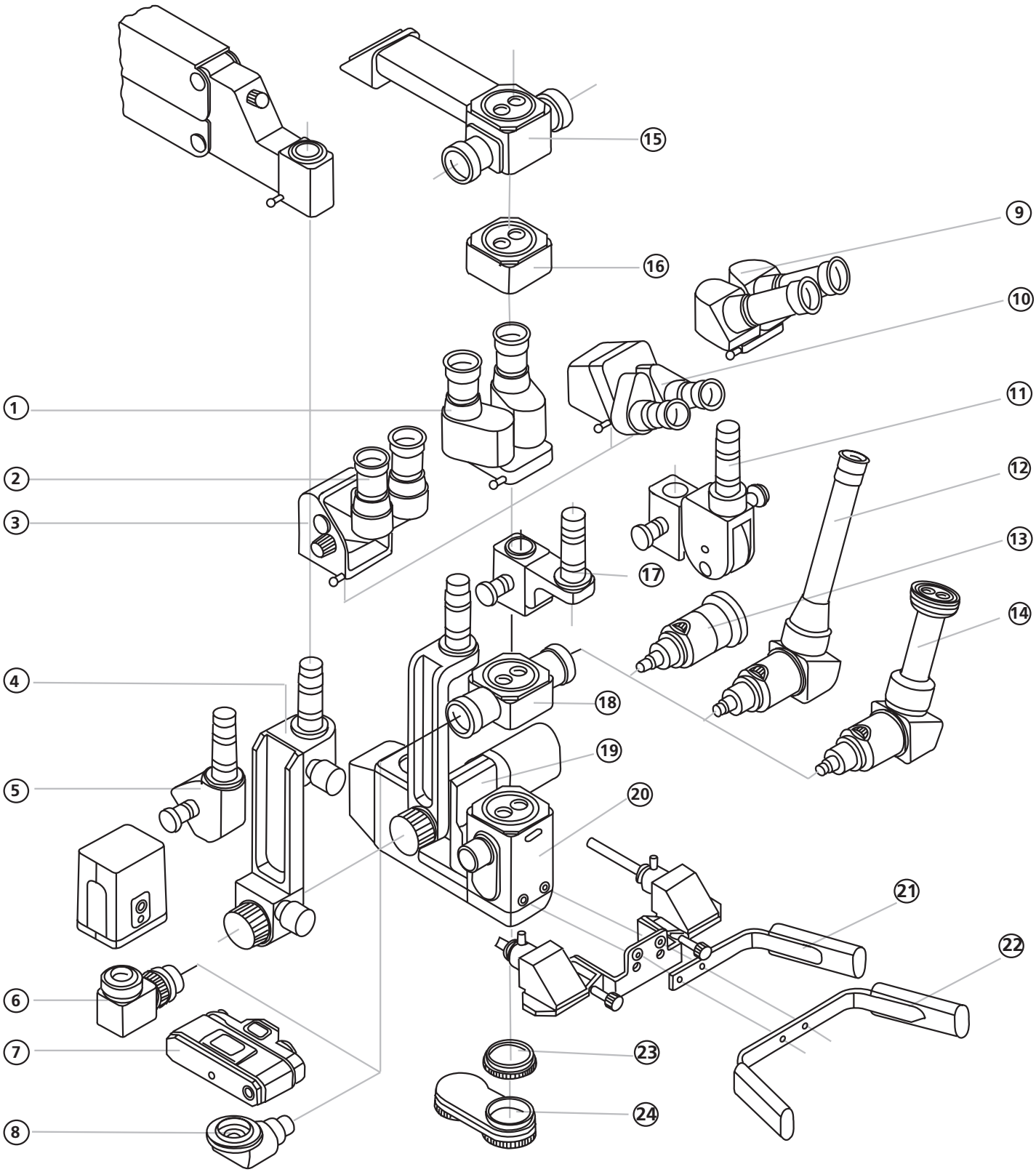
technische Angaben
Hersteller: Karl Kaps

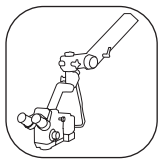
SOM 62

Stativ:	rollbares Rundstativ (ø 560mm) oder H-Fuß mit Bremsen
Arme:	Dreharm 425 mm Schwenkarm 650 mm Höhe +/- 300 mm
Verprößerungs-einheiten:	einfach 3-fach, 5 -fach Zoom manueller Zoom (8:1) und motorisch Zoom (8:1) Feinfockussierung: manuell und motorisch
binokulare Tuben:	siehe Zubehörliste
Okulare:	siehe Zubehörliste
Objetive:	siehe Zubehörliste
Beleuchtung:	12V / 1OOW, Halogen
Strom-verbrauch:	140 VA
Anschluß:	110 / 220V, 50-60 Hz
Gewicht:	100 kg

Grünfilter eingebaut




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ARRANGEMENT OF ACCESSORIES

1. Binocular tube, straight f=159 mm	**101.355-000**
Binocular tube, straight f=125 mm	**101.945-000**
2. Eyepieces (see accessory list)	
3. Binocular tube f=159mm, 0-60°	**101.950-000**
4. Microscope carrier with 2 gears	**112.370-000**
Microscope carrier	**102.130-000**
5. 45°coupling	**102.187-000**
6. Video tube f=80 mm with diaphragm	**101.850-000**
7. Camera RICOH KR-10M	**101.328-000**
8. Photo tube for RICOH KR-10M	**101.320-000**
9. Inclined binocular tube, f= 159 mm, 45°	**101.110-000**
Inclined binocular tube, f=125 mm, 45°	**101.930-000**
10. Inclined binocular tube f=159 mm, 60°	**101.955-000**
11. 0-90°coupling	**102.170-000**
12. Monocular secondary observation	**101.330-000**
13. Binocular assistant tube	**101.970-000**
14. Binocular secondary observation	**101.360-000**
15. Assistant work unit 180°	**162.670-100**
16. Adaptader h=38mm	**101.295-000**
17. Centering coupling	**102.180-000**
18. Beam splitter bilateral	**101.310-000**
Beam splitter seminsable	**101.315-000**
Beam splitter seminsable for video	**101.315-001**
19. Fine adjustment	
20. Magnification changer (see accessory list)	
21. Microscope guide one-sided	**102.186-000**
22. Microscope guide bilateral	**102.188-000**
23. Objectives(see accessory list)	
24. Objective rapid changer for 3x	**102.181-000**
Objective rapid changer for 5x, zoom	**102.191-000**

ESQUEMA DE ACCESORIOS

1. Tubo binocular recto f=159 mm	**101.355-000**
Tubo binocular recto f=125 mm	**101.945-000**
2. Oculares (ver lista de accesorios)	
3. Tubo binocular f=159 mm, 0-60°	**101.950 000**
4. Soporte para cabezal con 2 ejes mecánico	**112.370-000**
Soporte para cabezal fijo	**102.130-000**
5. Acoplamiento de 45°	**102.187-000**
6. Tubo para video f=80 mm con diafragma	**101.850-000**
7. Cámara fotográfica RICOH KR-10M	**101.328-000**
8. Fototubo para cámara RICOH KR-10M	**101.320-000**
9. Tubo binocular oblicuo f=159 mm, 45°	**101.110-000**
Tubo binocular oblicuo f=125 mm, 45°	**101.930-000**
10. Tubo binocular oblicuo f=159 mm, 60°	**101.955-000**
11. Acoplamiento 0-90°	**102.170-000**
12. Tubo para coobservador monocular	**101.330-000**
13. Tubo para asistente binocular	**101.970-000**
14. Tubo para coobservador binocular	**101.360-000**
15. Equipo para asistente a 180°	**162.670-100**
Equipo asistente a 180° c/ salidas laterales	**112.670- 100**
16. Adaptador h=38 mm	**101.295-000**
17. Acoplamiento de centrado	**102.180-000**
18. Divisor de rayos bilateral	**101.310-000**
Divisor de rayos unilateral	**101.315-000**
Divisor de rayos unilateral para video	**101.315-001**
19. Enfoque fino	
20. Cambiador de aumentos (ver lista de accesorios)	
21. Mango unilateral	**102.186-000**
22. Mango bilateral	**102.188-000**
23. Objetivos (ver lista de accesorios)	
24. Cambiador rápido de objetivos 3x	**102.181-000**
Cambiador rápido de objetivos p/5x, zoom	**102.191-000**

ZUBEHÖRZUSAMMENSTELLUNG

1. Gerader Binokulartubus f=159 mm	**101.355-000**
Gerader Binokulartubus f=125 mm	**101.945-000**
2. Okulare (siehe Zubehörliste)	
3. Binokulartubus f=159 mm, 0 60°	**101 950-000**
4. Mikroskophalter mit 2 Achsen	**112.370-000**
Fester Mikroskophalter	**102 130-000**
5. Schrägkupplung 45°	**102.187-000**
6. TV-Tubus f=80 mm mit Ringblende	**101.850-000**
7. Kamera RICOH KR-10M	**101.328-000**
8. Fototubus für RlCOH KR-10M	**101.320-000**
9. Binokularer Schrägtubus f=159 mm, 45°	**101.110-000**
Binokularer Schrägtabus f=125 mm,45°	**101.930-000**
10. Binokularer Schrägtubus f=159 mm, 60°	**101.955-000**
11. 0-90°Kupplung	**102.170 000**
12. Mitbeobachtertubus, monokular	**101.330-000**
13. Assistenztubus, binokular	**101.970-000**
14. Mitbeobachtertabus, binokular	**101.360-000**
15. Mitbeobachtereinrichtung 180°	**162.670-100**
Mitbeobachtereinrichtung 180° mit	
Strahlenteiler, beidseitig	**112.670-100**
16. Adapter h=38mm	**101.295-000**
17. Zentrierkupplung	**102.180-000**
18. Strahlenteiler, beidseitig	**101.310-000**
Strahlenteiler, einseitig	**101.315-000**
Strahlenteiler, einseitig für Video	**101.315-001**
19. Feinfokussierung	
20. Vergrößerungswechsler (siehe Zubehörliste)	
21.Mikroskoplenker einseitig	**102.186-000**
22. Mikroskoplenker beidseitig	**102.188-000**
23. Objektive (siehe Zubehörliste)	
24. Objektivschnellwechsler für 3x	**102.181 -000**
Objektivschnellwechsler für 5x, Zoom	**102.191-000**

ACCESSORIES

Widefield eyepieces adjustable, with reticule

101.430-000 WF 10x VS
101.440-000 WF 12,5x VS
101.450-000 WF 16x VS
101.460-000 WF 20x VS

Widefield eyepieces adjustable

101.530-000 WF 10x V
101.540-000 WF 12,5x V
101.550-000 WF 16x V
101.560-000 WF 20x V

Objectives (equal to working distance)

101.610-000 f= 100 mm
101.620-000 f= 150 mm
101.680-000 f= 175 mm
101.630-000 f= 200 mm
101.640-000 f= 250 mm
101.650-000 f= 275 mm
101.660-000 f= 300 mm
101.670-000 f= 400 mm
101.310-000 Beamsplitter, bilateral
101.315-000 Beamsplitter, seminsable
101.315-001 Beamsplitter, seminsable for video
101.320-000 Phototube for RICOH KR-10M
101.328-000 Camera RICOH KR-10M
101.970-000 Assistant tube
101.360-000 Secondary observation binocular
101.330-000 Secondary observation monocular
101.110-000 Binocularer inclined tube f=159mm, 45°
101.930-000 Binocularer inclined tube f=125mm, 45°
101.950-000 Adjustable binocularer tube f=159mm, 0-60°
101.955-000 Binocularer inclined tube f=159mm, 60°
101.731-000 2 sterilizable rubber caps (illumination)
101.732-000 2 sterilizable rubber caps (magnification)
101.733-000 2 sterilizable rubber caps (fine adjustment)
101.132-000 Fine adjustment, manual
101.160-100 Magnification changer 3-fold, halogen
101.120-100 Magnification changer 5-fold, halogen
162.150 100 Zoom manual, halogen
101.260-100 Magnification changer 3-fold, fiber optics
101.220-100 Magnification changer 5-fold, fiber optics
162.140-100 Zoom manual, fiber optics
102.182-000 Microscope guide bilateral, adjustable
102.188-000 Microscope guide bilateral
102.184-000 Microscope guide one side, adjustable
102.186-000 Microscope guide one side
162.860-000 T-shaped handle
102.181-000 Objective rapid changer (3x)
102.191-000 Objective rapid changer (5x, Zoom)
102.187-000 45° inclined coupling
102.170-000 Coupling 0-90°
101.850-000 Video tubs f=80mm with diaphragm
162.670-100 Assistant-work unit 180°
112.670-100 Assistant-work unit 180° with beam splitter
101.295-000 Adapter h = 38 mm
112.370-000 Microscope carrier with 2 gears
102.130.000 Microscope carrier
102.175-000 180° rotating binocular tube mount
162.105-000 Round pedestal with brakes (SOM 62)
162.106-000 H-shaped pedestal with brakes (SOM 62)

ACCESORIOS

Oculares con ajuste de dioptrías y retícula, campo amplio

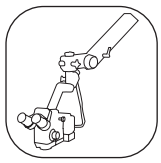
101.430-000 WF 10x VS
101.440-000 WF 12,5x VS
101.450-000 WF 16x VS
101.460-000 WF 20x VS

Oculares con ajuste de dioptrías, campo amplio

101.530-000 WF 10x V
101.540-000 WF 12,5x V
101.550-000 WF 16x V
101.560-000 WF 20x V

Objetivos (igual a la distancia de trabajo)

101.610-000 f= 100 mm
101.620-000 f= 150 mm
101.680-000 f= 175 mm
101.630-000 f= 200 mm
101.640-000 f= 250 mm
101 650-000 f= 275 mm
101 660-000 f= 300 mm
101.670-000 f= 400 mm
101.310-000 Divisor de rayos bilateral
101.315-000 Divisor de rayos unilateral
101.315-001 Divisor de rayos unilateral para video
101.320-000 Fototubo para cámara RICOH KR-10M
101.328-000 Cámara fotográfica RICOH KR-10M
101.970-000 Tubo para asistente binocular
101.360-000 Tubo para coobservador binocular
101.330-000 Tubo para coobservador monocular
101.110-000 Tubo binocular oblicuo f=159mm, 45°
101.930-000 Tubo binocular oblicuo f=125mm, 45°
101.950-000 Tubo binocular f=159mm, 0-60°
101.955-000 Tubo binocular oblicuo f=159mm, 60°
101.731-000 2 caperuzas esterilizables p/ iluminación
101.732-000 2 caperuzas esterilizables p/ aumentos
101.733-000 2 caperuzas esterilizables p/ enfoque fino
101.132-000 Enfoque fino manual
101.160-100 Cambiador de 3 aumentos, luz halógena
101.120-100 Camblador de 5 aumentos, luz halógena
162.150-100 Zoom manual, luz halógena
101.260-100 Cambiador de 3 aumentos, luz fría
101.220-100 Cambiador de 5 aumentos, luz fría
162.140-100 Zoom manual, luz fría
102.182-000 Mango bilateral ajustable
102.188-000 Mango bilateral
102.184-000 Mango unilateral ajustable
102.186-000 Mango unilateral
162.860-000 Mango en «T»
102.181-000 Cambiador rápido de objetivos 3x
102.191-000 Cambiador rápido de objetivos p/ 5x, zoom
102.187-000 Acoplamiento de 45°
102.170-000 Acoplamiento 0-90°
101.850-000 Tubo para video f=80mm con diafragma
162.670-100 Equipo para asistente a 180°
112.670-100 Equipo asistente a 180° c/ salidas laterales
101.295-000 Adaptador h=38mm
112.370-000 Soporte para cabezal con 2 ejes mecánicos
102.130-000 Soporte para cabezal fijo
102.175-000 Platina rotable 180° para tubo binocular
162.105-000 Base rodable redonda con frenos (SOM 62)
162.106-000 Base rodeble con frenos en forma de "H" (SOM 62)



ZUBEHÖR
Weitfeld-Okulare verstellbar mit Strichplatte
101.430-000 WF 10x VS
101.440-000 WF 12,5x VS
101.450-000 WF 16x VS
101.460-000 WF 20x VS
Weitfeld-Okulare verstellbar
101.530-000 WF 10x V
101.540-000 WF 12,5x V
101.550-000 WF 16x V
101.560-000 WF 20x V
Objektive (ca. Arbeitsabstand)
101.610-000 f= 100 mm
101.620-000 f= 150 mm
101.680-000 f= 175 mm
101.630-000 f= 200 mm
101.640-000 f= 250 mm
101.650-000 f= 275 mm
101.660-000 f= 300 mm
101.670-000 f= 400 mm
101.310-000 Strahlenteiler beidseitig
101.315-000 Strahlenteiler halbdseitig
101.315-001 Strahlenteiler halbdseitig für Video
101.320-000 Fototubus RICOH KR-10M
101.328-000 Kamera RICOH KR-10M
101.970-000 Assistenztubus
101.360-000 Mitbeobachtertubus binokular
101.330-000 Mitbeobachtertubus monokular
101.110-000 Binokularer Schrägtubus f=159mm, 45°
101.930-000 Binokularer Schrägtubus f=125mm, 45°
101.950-000 Binokularer Schwenktubus f=159mm, 0-60°
101.955-000 Binokularer Schrägtubus f=159mm, 60°
101.731-000 2 Sterilisationskappen (Beleuchtung)
101.732-000 2 Sterilisationskappen (Vergrößerung)
101.733-000 2 Sterilisationskappen (Feinfokussierung)
101.132-000 Feinfokussierung manuell
101.160-100 Vergrößerungseinheit 3-fach, Halogenlicht
101.120-100 Vergrößerungseinheit 5-fach, Halogenlicht
162.150-100 Zoom manuell, Halogenlicht
101.260-100 Vergrößerungseinheit 3-fach, Kaltlicht
101.220-100 Vergrößerungseinheit 5-fach, Kaltlicht
162.140-100 Zoom manuell, Kaltlicht
102.182-000 Mikroskoplenker bilateral, verstellbar
102.188-000 Mikroskoplenker bilateral
102.184-000 Mikroskoplenker einseitig, verstellbar
102.186-000 Mikroskoplenker einseitig
162.860-000 T-Handgriff
102.181-000 Objektivschnellwechsler (3x)
102.191-000 Objektivschnellwechsler (5x, Zoom)
102.187-000 45° Schrägkupplung
102.170-000 Kupplu ng 0-90°
101.850-000 TV-Tubus f=80 mm mit Blende
162.670-100 Mitbeobachtereinrichtung 180°
112.670-100 Mitbeobachtereinrichtung 180° mit Strahlenteiler beidseitig
101.295-000 Adapter h=38 mm
112.370-000 Verstellbarer Mikroskophalter
102.130-000 Fester Mikroskophalter
102.175-000 Drehscheibe 180° für Binotubus
162.105-000 Rundstativ mit Bremsen (SOM 62)
162.106-000 H-Stativ mit Bremsen (SOM 62)

ABBES' FORMULA

Early in the 19th century the progress in resolution of microscopes became a concern. Microscope makers used to compare resolution of objetives every time they made a new style. The problem was that even with chromatic and spherical aberration, there is one more factor involved with making a microscope as good as possible: the angular aperture. It was Ernst Abbe, who published 1877 the formula for getting maximum amount of resolution from a microscope.

$$d = \frac{\lambda}{2n \sin \theta}$$

d = minimum resolving distance
λ = wave length of light
2n sin 8 = numerical aperture

A principios del siglo XIX la preocupación por el progreso en la resolución de microscopios era grande. Los fabricantes de microscopios comparaban resolución de objetivos cada vez que querían producir uno nuevo. El problema era, que los productores no sabían que aparte del efecto cromático y la aberración esférica, había otro factor importante que definía la resolución, para así hacer un microscopio lo mejor posible: la apertura numérica. Fue Ernest Abbe, quien en 1877 publica la fórmula que define la máxima resolucion de un microscopio.

$$d = \frac{\lambda}{2n \sin \theta}$$

d = mínima distancia de resolución
λ = longitud de onda de la luz numérica
2n sin 8 = apertura

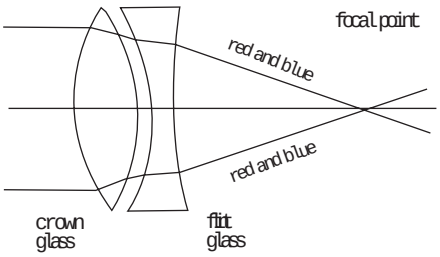


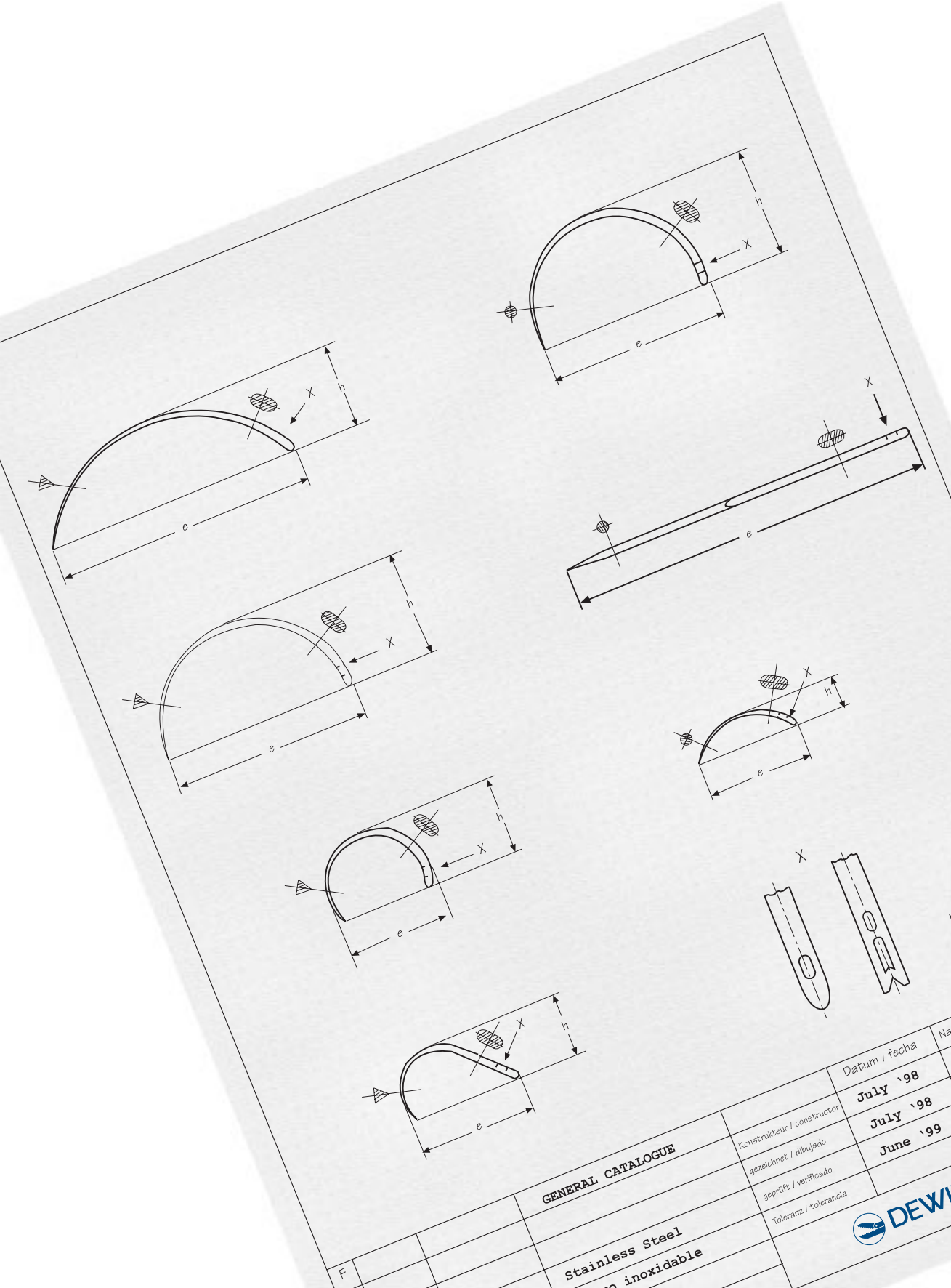
Ernst Abbe (1840 - 1905)

Anfahg des19. Jahrhunderts war der Drang nach Erkenntnissen über die Auflösung bei Mikroskopen sehr groß. Um neue Objektive herzustellen, verglichen Mikroskophersteller diese mit anderen Objektiven. Jedoch wußten damals die Hersteller nicht, daß neben der sphärischen Aberration ein anderer Faktor auch eine Rolle spielte, um ein Mikroskop so gut wie möglich zu machen. Es war Ernst Abbe, der 1877 die Formel veröffentlichte, die die maximale Auflösung eines Mikroskopes angibt.

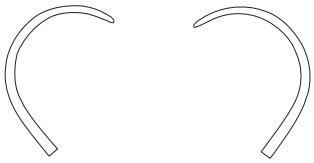
$$d = \frac{\lambda}{2n \sin \theta}$$

d = minimale Auflösungsgröße
λ = Lichtwellenlänge
2n sin 8 = numerische Apertur




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Masse in mm
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de articu

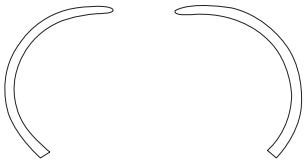




cm		
21	26.110.21	26.111.21
24	26.110.24	26.111.24
27	26.110.27	26.111.27

DESCHAMPS
26.110.21 - 26.111.27

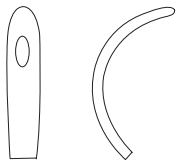




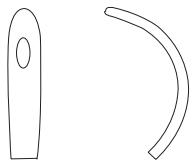
cm		
21	26.120.21	26.121.21
24	26.120.24	26.121.24
27	26.120.27	26.121.27

DESCHAMPS
26.120.21 - 26.121.27





26.130.13
right

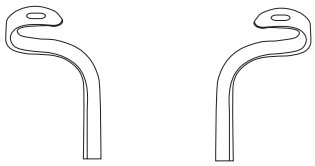


26.131.13
left

cm		
13.0	26.130.13	26.131.13

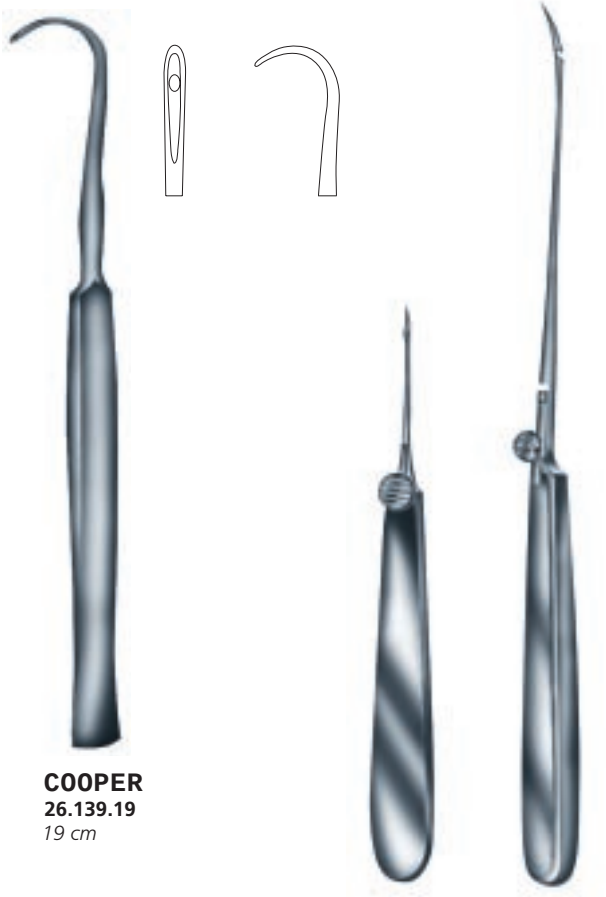
KRONECKER
26.130.13 - 26.131.13





cm		
24.5	26.133.24	26.135.24

NELSON
26.133.24 - 26.135.24



COOPER
26.139.19
19 cm

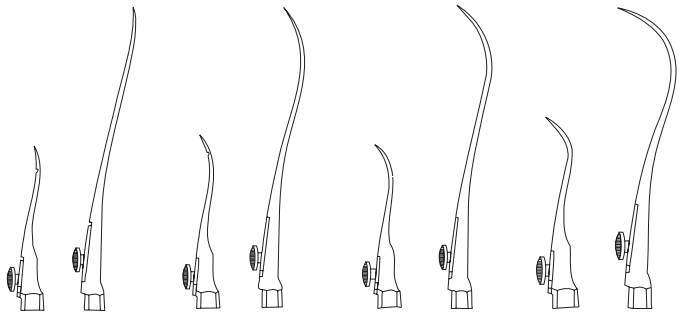


fig.1 *fig.2* *fig.3* *fig.4*

cm	*fig.1*	*fig.2*	*fig.3*	*fig.4*
15.0	**26.201.15**	**26.202.15**	**26.203.15**	**26.204.15**
19.0	**26.201.19**	**26.202.19**	**26.203.19**	**26.204.19**
21.0	**26.201.21**	**26.202.21**	**26.203.21**	**26.204.21**
23.0	**26.201.23**	**26.202.23**	**26.203.23**	**26.204.23**

REVERDIN
26.201.15 - 26.204.23



26.240.00

fig.	
1	**26.240.01**
2	**26.240.02**
3	**26.240.03**

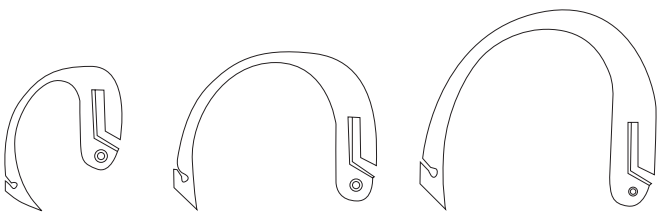
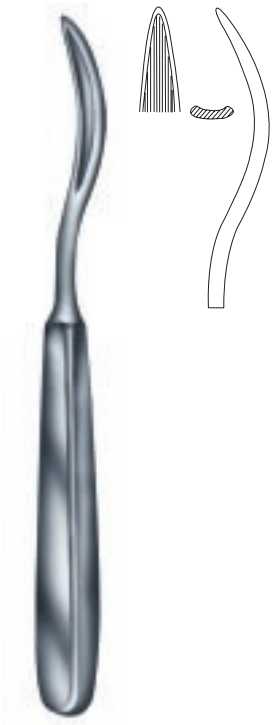
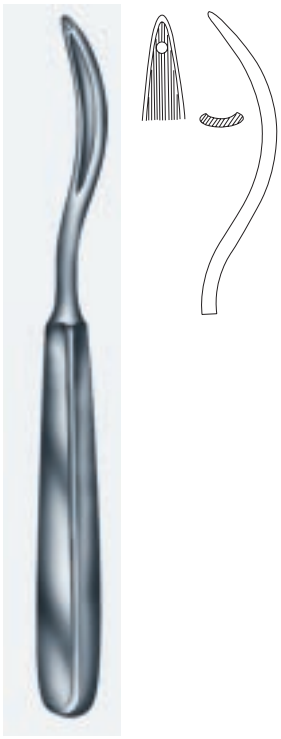


fig.1 *fig.2* *fig.3*

YOUNG
26.240.00 - 26.240.03



SCHMIEDEN
26.271.19
19 cm



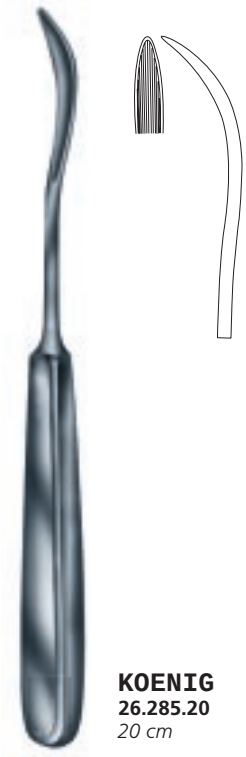
SCHMIEDEN PAYR
26.273.19
19 cm



BRUNNER
26.275.30
30 cm



KIRSCHNER
26.277.25
25 cm



KOENIG
26.285.20
20 cm



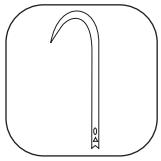
PAYR
26.288.22 - 26.289.22
22 cm

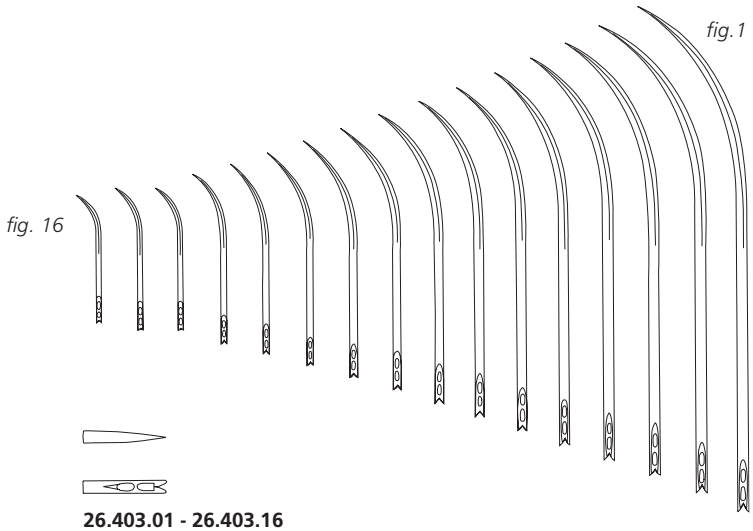


cm

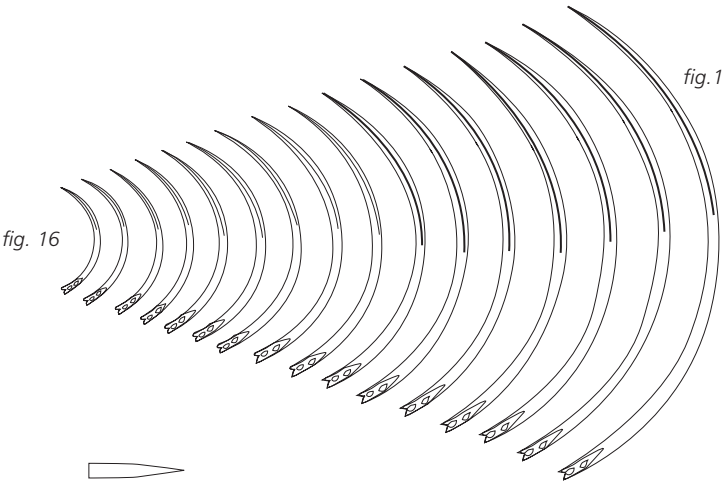
18	**26.291.18**
27	**26.291.27**

BRUNNER
26.291.18 - 26.291.27

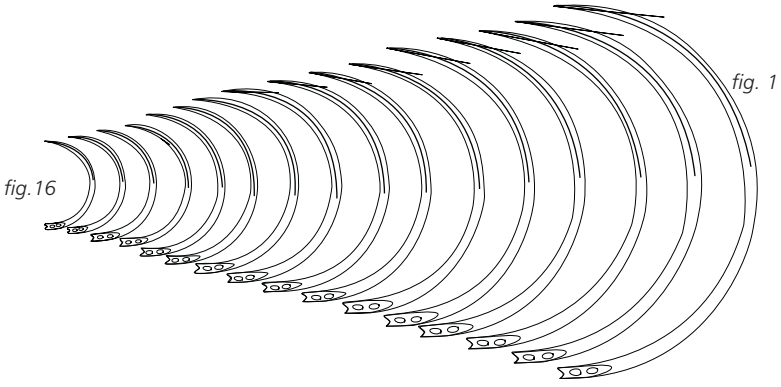




26.403.01 - 26.403.16
"A" triangle

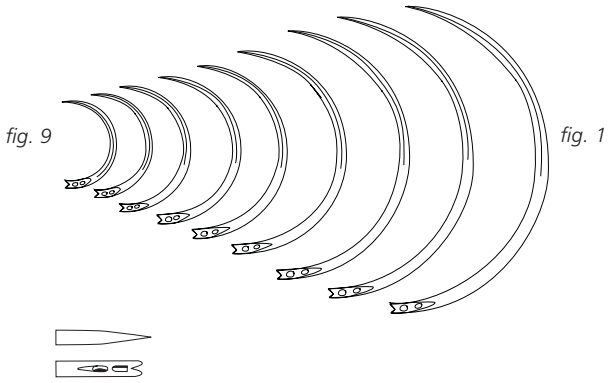


26.413.01 - 26.413.16
"B" triangle



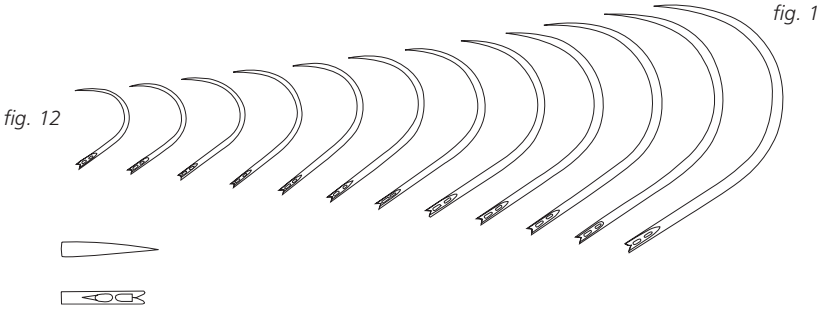
26.423.01 - 26.423.16
"G" triangle

fig.	*"A"*	*"B"*	*"G"*
1	**26.403.01**	**26.413.01**	**26.423.01**
2	**26.403.02**	**26.413.02**	**26.423.02**
3	**26.403.03**	**26.413.03**	**26.423.03**
4	**26.403.04**	**26.413.04**	**26.423.04**
5	**26.403.05**	**26.413.05**	**26.423.05**
6	**26.403.06**	**26.413.06**	**26.423.06**
7	**26.403.07**	**26.413.07**	**26.423.07**
8	**26.403.08**	**26.413.08**	**26.423.08**
9	**26.403.09**	**26.413.09**	**26.423.09**
10	**26.403.10**	**26.413.10**	**26.423.10**
11	**26.403.11**	**26.413.11**	**26.423.11**
12	**26.403.12**	**26.413.12**	**26.423.12**
13	**26.403.13**	**26.413.13**	**26.423.13**
14	**26.403.14**	**26.413.14**	**26.423.14**
15	**26.403.15**	**26.413.15**	**26.423.15**
16	**26.403.16**	**26.413.16**	**26.423.16**



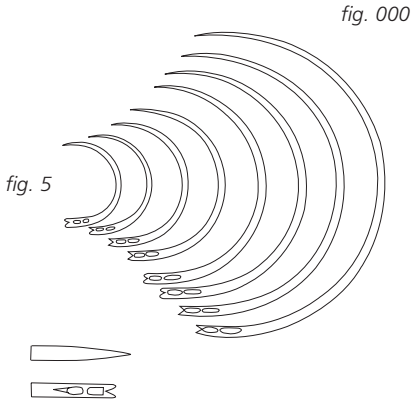
26.433.01 - 26.433.09
"Ga" triangle

fig.	*" Ga "*
1	**26.433.01**
2	**26.433.02**
3	**26.433.03**
4	**26.433.04**
5	**26.433.05**
6	**26.433.06**
7	**26.433.07**
8	**26.433.08**
9	**26.433.09**



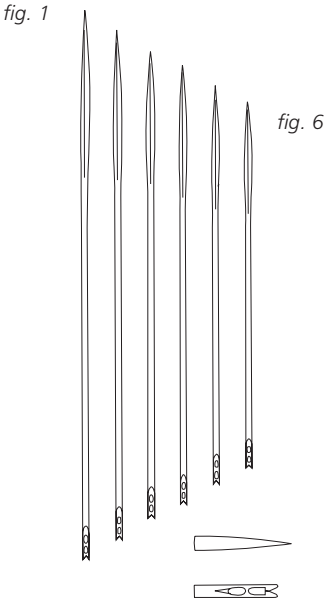
KOENIG
26.441.01 - 26.441.12
hook triangle

fig.	*hook*
1	**26.441.01**
2	**26.441.02**
3	**26.441.03**
4	**26.441.04**
5	**26.441.05**
6	**26.441.06**
7	**26.441.07**
8	**26.441.08**
9	**26.441.09**
10	**26.441.10**
11	**26.441.11**
12	**26.441.12**

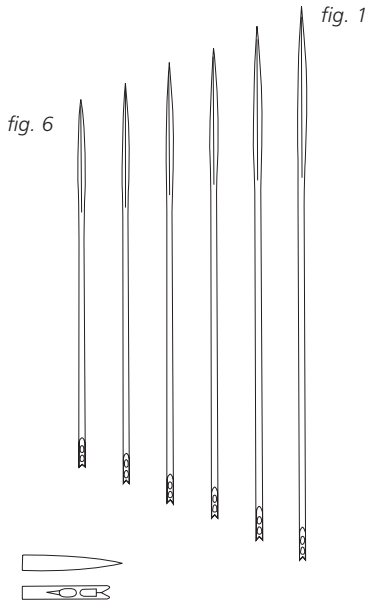


26.443.01 - 26.443.30
"E" round

fig.	*"E"*
1	**26.443.01**
2	**26.443.02**
3	**26.443.03**
4	**26.443.04**
5	**26.443.05**
0	**26.443.10**
00	**26.443.20**
000	**26.443.30**

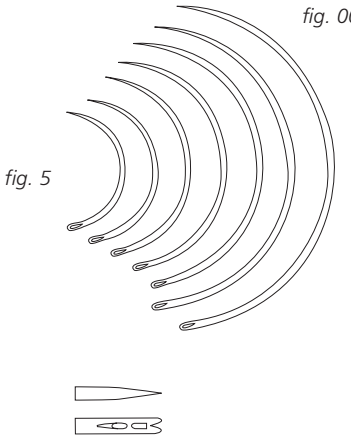


triangle	fig.	round
26.450.01	*1*	**26.452.01**
26.450.02	*2*	**26.452.02**
26.450.03	*3*	**26.452.03**
26.450.04	*4*	**26.452.04**
26.450.05	*5*	**26.452.05**
26.450.06	*6*	**26.452.06**

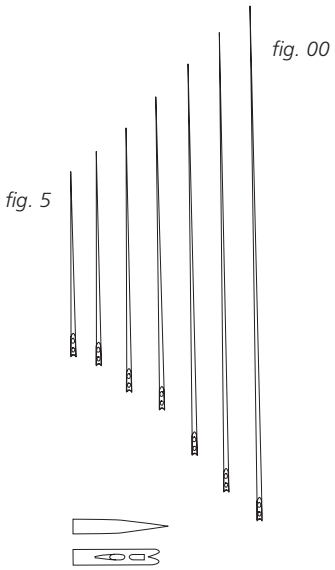


KEITH
26.450.01 - 26.450.06
triangle suture

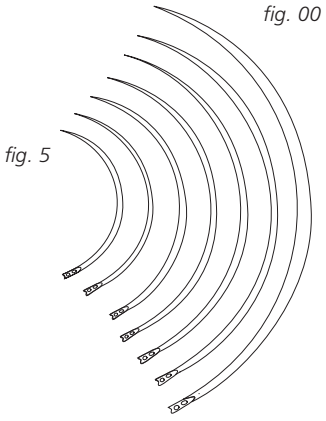
KEITH
26.452.01 - 26.452.06
round suture



26.465.10 - 26.467.05
"Pb" intestine, round



26.475.10 - 26.477.05
"Pc" intestine, round



26.485.10 - 26.487.05
"Pd" intestine,round

fig.	"Pb"	"Pc"	"Pd"
0	**26.465.10**	**26.475.10**	**26.485.10**
00	**26.465.20**	**26.475.20**	**26.485.20**
1	**26.467.01**	**26.477.01**	**26.487.01**
2	**26.467.02**	**26.477.02**	**26.487.02**
3	**26.467.03**	**26.477.03**	**26.487.03**
4	**26.467.04**	**26.477.04**	**26.487.04**
5	**26.467.05**	**26.477.05**	**26.487.05**



MICHEL
26.610.12
12 cm



WACHENFELDT
26.612.12
12 cm



WACHENFELDT
26.614.12
12 cm



HEGENBARTH
26.616.12
12 cm



CHILDE
26.620.18
18 cm



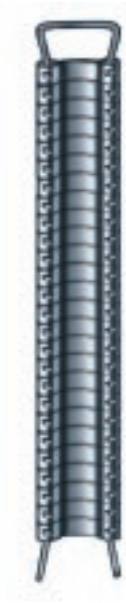
MICHEL
26.630.12 - 26.631.13
12 cm



COLLIN
26.640.13
13 cm



RICHTER HEATH
26.642.14
14 cm

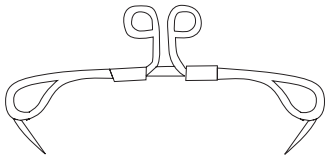




mm

7.5 x 1.75	26.660.07
11 x 2	26.660.11
12 x 3	26.660.12
14 x 3	26.660.14
16 x 3	26.660.16
18 x 3	26.660.18
20 x 3	26.660.20
22 x 3	26.660.22

MICHEL
26.660.07 - 26.660.22



mm

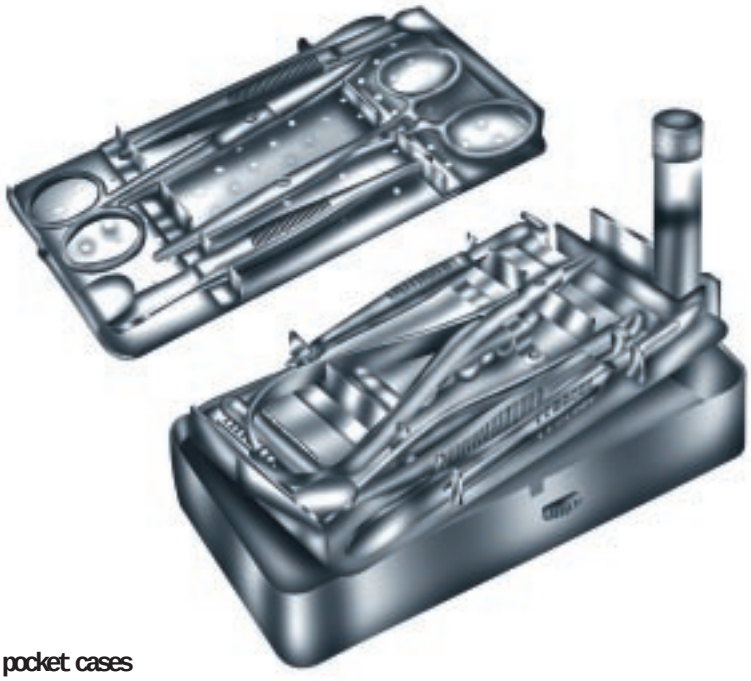
12 x 3	26.662.12
14 x 3	26.662.14
16 x 3	26.662. 16
18 x 3	26.662.18
20 x 3	26.662.20

WACHENFELDT
26.662.12 - 26.662.20



26.670.00

suture pocket cases
estuches de bolsillo
taschennahtbestek



26.680.00



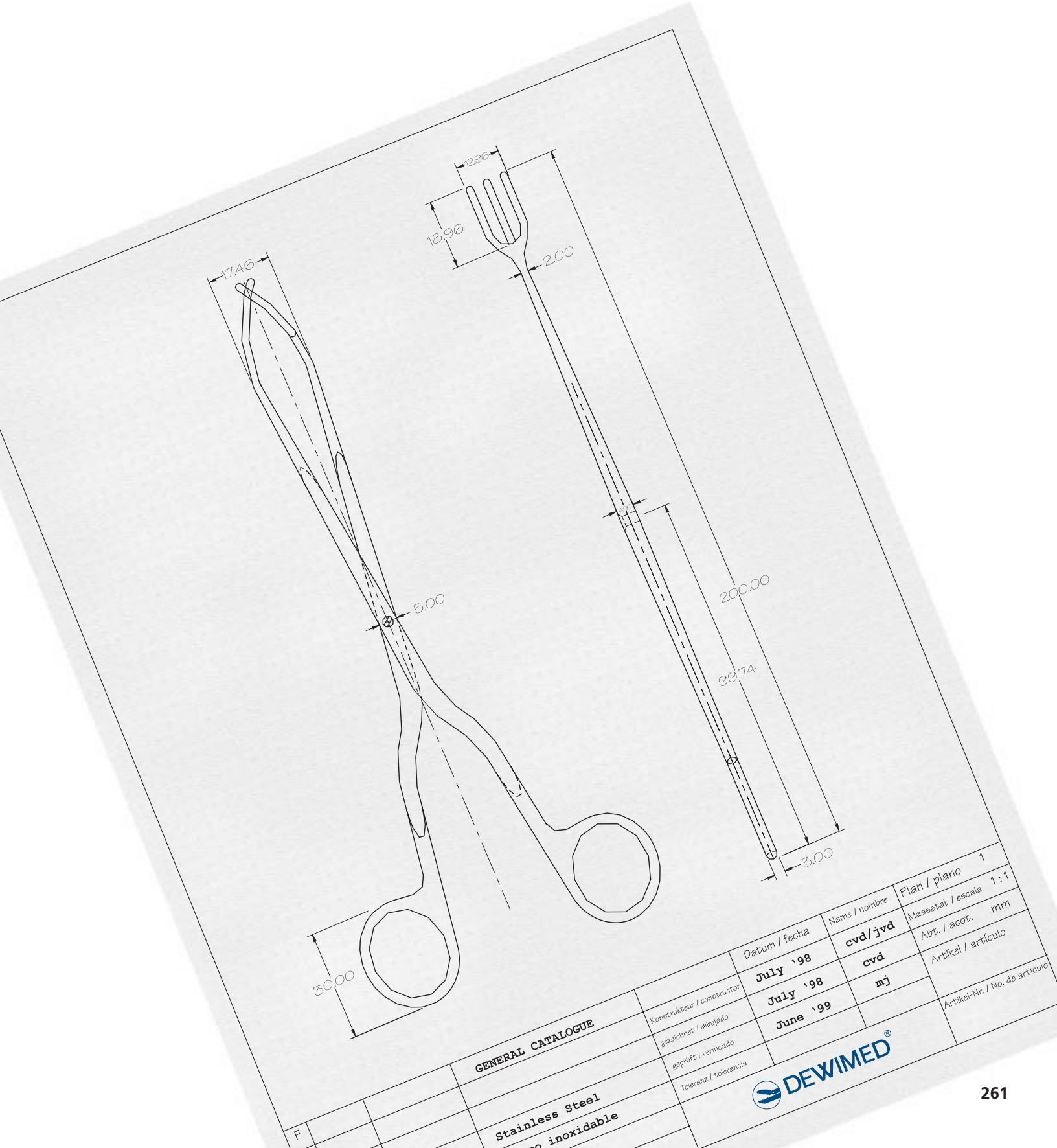
AMBROISE PARÉ
1510 - 1590

As a barber surgeon, he is considered as the founder of the modern surgery.
Even though he had no academy formation, his experience in treating wounded soldiers allowed him to be highly recognized as a surgeon.
Parés greatest contributions were the painless treatment of fire weapon injuries, vascular ligation for amputations and the herniotomy.

De profesión cirujano barbero, considerado como el fundador de la cirugía moderna.
A pesar no haber tenido formación universitaria, sus experiencias en la práctica curando soldados heridos, le permitieron ser altamente reconocido como cirujano.
Paré destacó por sus invenciones en el tratamiento gentil de los heridos por armas de fuego, la ligadura vascular en amputaciones y la herniotomía.



Trotz seines Berufes als Barbier wird Paré als Mitbegründer der modernen Chirurgie betrachtet.
Obwohl Paré keine akademische Ausbildung genossen hat, wurde er aufgrund seiner Erfahrung bei der Behandlung von verletzten Soldaten als Chirurg hoch anerkannt.
Parés größte Beiträge waren die schmerzlose Behandlung von Feuerwaffenwunden, die Gefäßligatur bei Amputationen und die Herniotomie.


12.96
18.96
2.00
17.46
5.00
200.00
99.74
3.00
30.00
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



cm	
16	**28.102.16**
20	**28.102.20**
24	**28.102.24**

DAVIS
28.102.16 - 28.102.24



CHEATLE
28.110.27
27 cm



cm	
20	**28.120.20**
28	**28.120.28**

universal
28.120.20 - 28.120.28



cm	
20	**28.121.20**
28	**28.121.28**

universal
28.121.20 - 28.121.28



ROGGE
28.130.23
23 cm



28.140.20 - 28.140.30

cm	
20	**28.140.20**
30	**28.140.30**



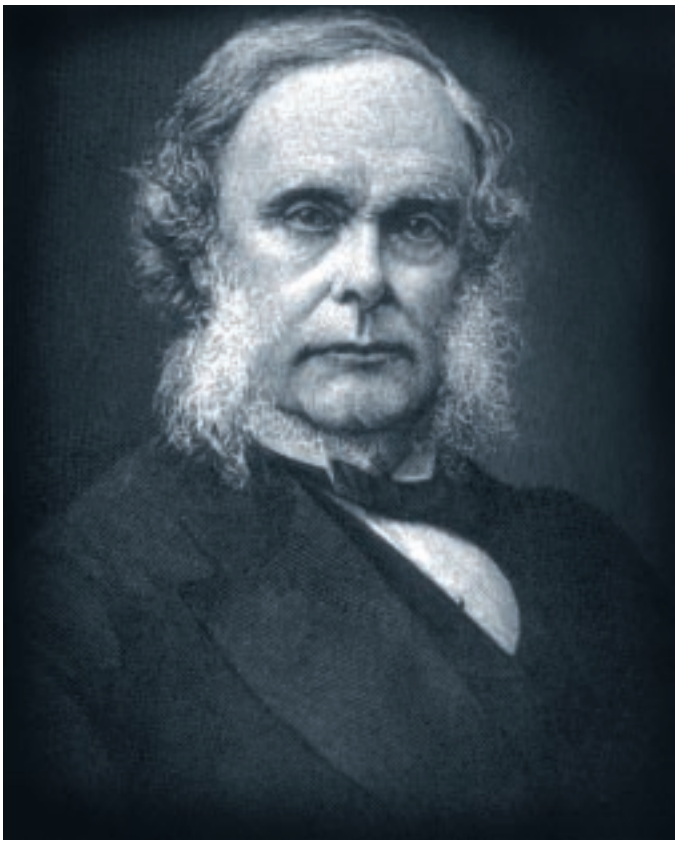
BUNT
28.150.12
12 cm



MAYO
28.152.14
14 cm

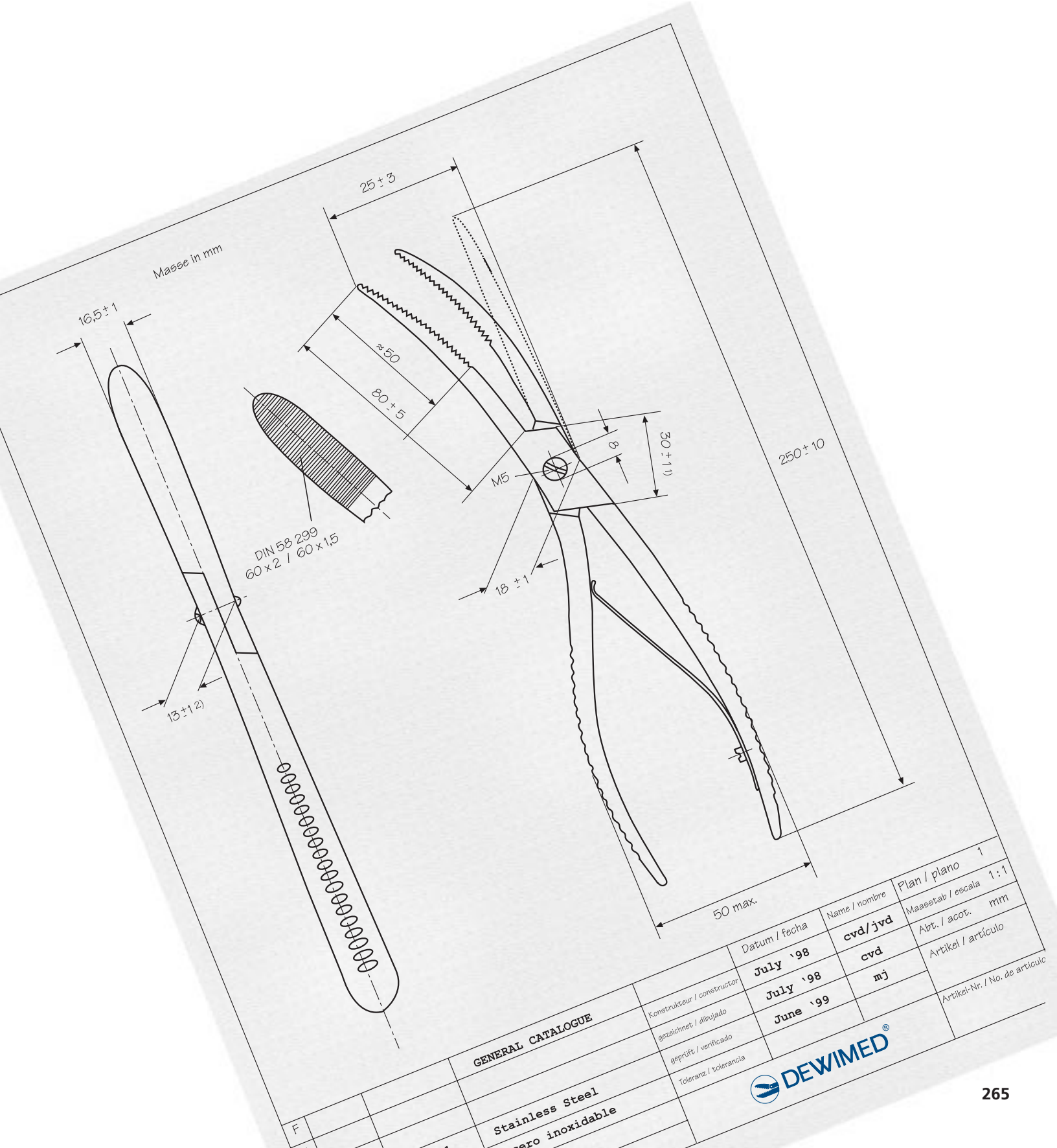
JOSEPH L. LISTER
1827 - 1912

Nació en Upton, Inglaterra en 1827.
Se graduó en Medicina en Londres.
En 1860 fue nombrado Profesor de Cirugía en Glasgow.
Ahí concibió la idea de la asepsia.
Los principios se fundaban en la destrucción de todos los microorganismos vivos, principalmente bacterias, que podrían estar en contacto con los tejidos del paciente durante procedimientos operatorios.
Es Lister, quien marca el mayor crédito por la posibilidad de realizar un gran número de operaciones. Esto gracias a la aplicación de una solución de ácido fénico durante el aseo cuidadoso del paciente y esterilización de compresas e instrumentos antes de operar.



Was born in Upton, England in 1827.
He graduated in Medicine in London.
Lister became Professor of Surgery in 1860 in Glasgow. There he started to conceive the idea of the asepsis.
He based his ideas on the principle of killing microorganisms, principally bacteria which could contact with the patient's tissue during operative procedure.
It was possible for Lister to realize a large number of operations successfully.
Before he started to operate, he cleaned his patients and sterilized the wrapping drapes and instruments with solutions of carbolic acid.

Wurde in Upton, England, 1827 geboren.
Sein medizinisches Studium absolviente er in London.
1860 wurde er zum Professor der Chirurgie in Glasgow ernannt, wo er auch schon mit dem Gedanken der Asepsis spielte.
Die Gundsätze bezogen sich auf die Vernichtung von Mikroorganismen, hauptsächlich Bakterien, die bei Operationen mit den Geweben des Patienten in Kontakt treten können.
Lister hat es somit ermöglicht, eine Vielzahl von Operationen infektionsfrei zu realisieren. Bevor er operierte, reinigte er seine Patienten und sterilisierte Tücher und Instrumente mit einer Lösung aus Karbolsäure.


Masse in mm
16,5 ± 1
25 ± 3
≈ 50
80 ± 5
M5
8
30 ± 1 1)
250 ± 10
18 ± 1
DIN 58 299
60 x 2 / 60 x 1,5
13 ± 1 2)
50 max.
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo



STILLE
30.101.24
24 cm



STILLE
30.103.23 - 30.103.37

cm	
23	**30.103.23**
26	**30.103.26**
37	**30.103.37**



SEUTIN
30.104.23
23 cm



WIGMORE
30.120.19
19 cm



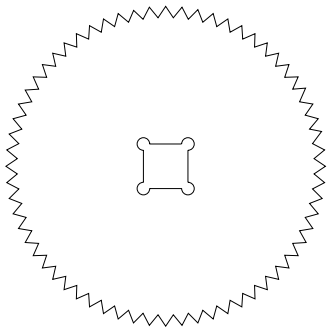
ENGEL
30.130.14



BERGMANN
30.134.18



30.210.21
110V
30.210.22
220 V



30.210.50 - 30.211.65

Ø *mm*

50	*normal*	**30.210.50**
65	*normal*	**30.210.65**
50	*hard*	**30.211.50**
65	*hard*	**30.211.65**



30.212.02



HENNIG
30.350.28
28 cm



BEESON
30.360.30
30 cm



HAGLUND STILLE
30.362.28
28 cm



30.366.23
23 cm



HOPKINS
30.370.20
20 cm



ESMARCH
30.380.18
18 cm



REINER
30.390.18
18 cm

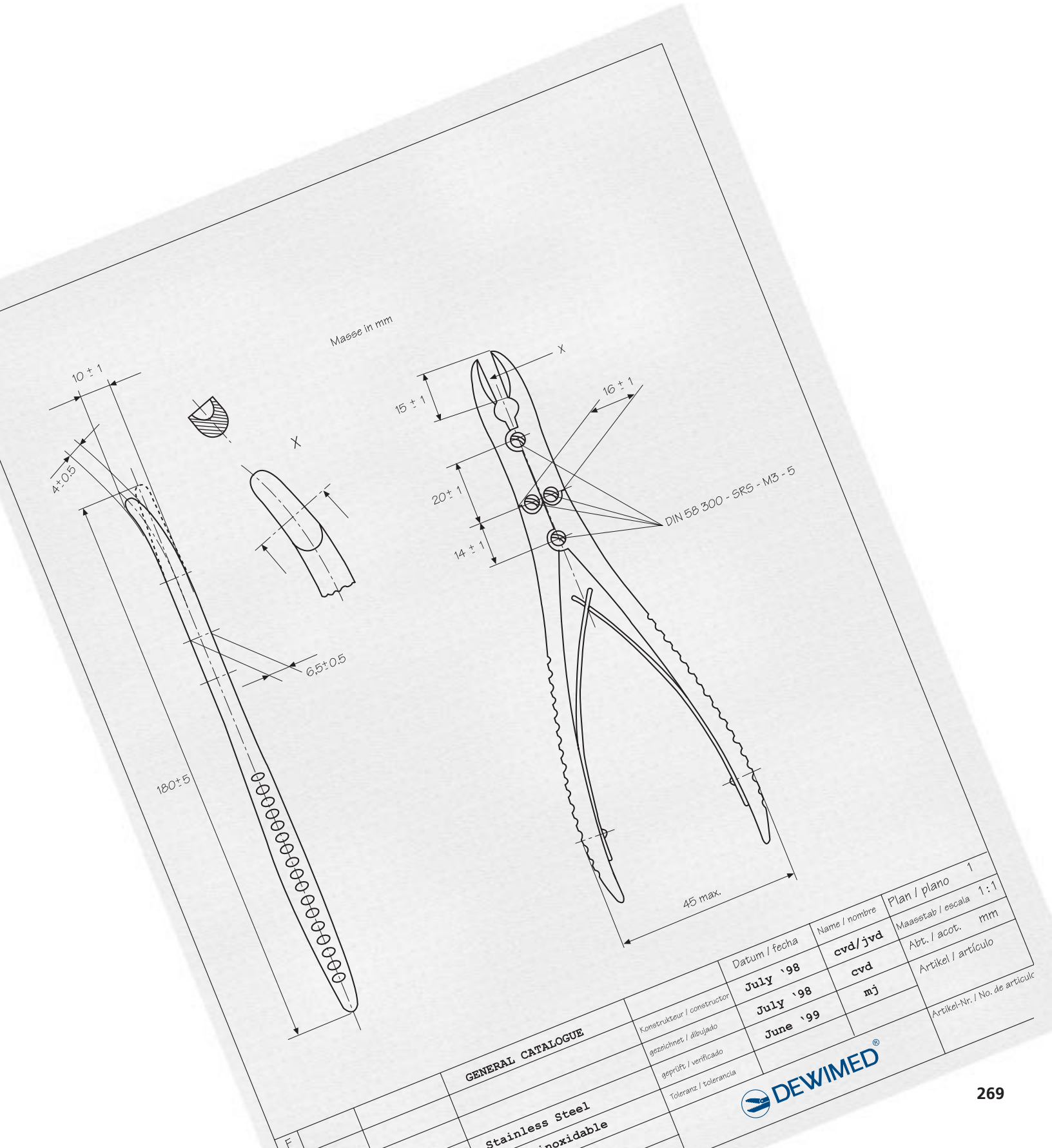


30.395.18



30.397.24

WOLFF
30.395.18
18 cm
30.397.24
24 cm

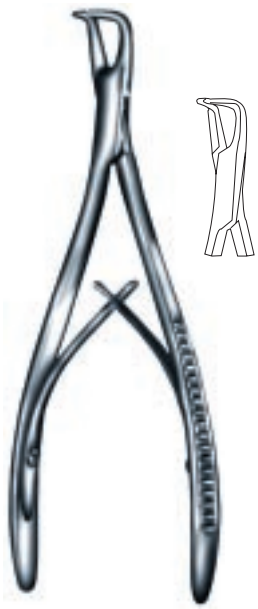

Masse in mm
10 ± 1
4±0.5
X
6,5±0.5
180±5
15 ± 1
X
16 ± 1
20± 1
14 ± 1
DIN 58 300 - SRS - M3 - 5
45 max.
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



FRIEDMAN mini
32.101.12
12 cm



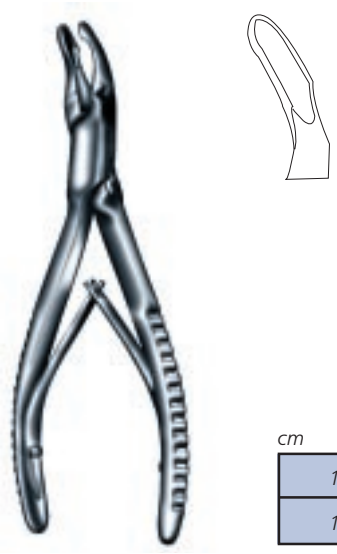
FRIEDMAN
32.101.14
14 cm



FRIEDMAN
32.102.14
14 cm



FRIEDMAN
32.102.15
15 cm



cm

14	**32.103.14**
17	**32.105.17**

CLEVELAND
32.103.14 - 32.105.17



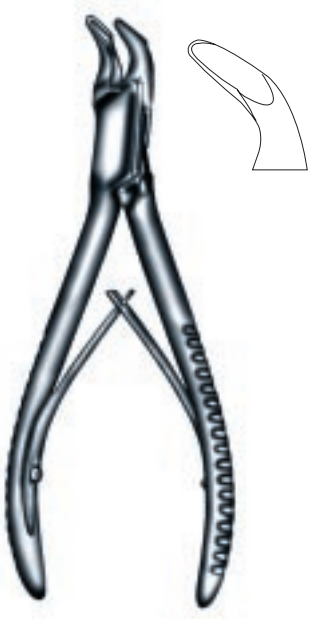
MEAD
32.107.16
16 cm



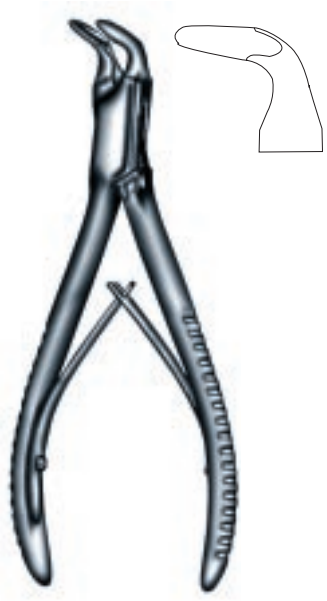
MEAD
32.109.16
16 cm



BLUMENTHAL
32.115.15
15 cm



BLUMENTHAL
32.117.15
15 cm



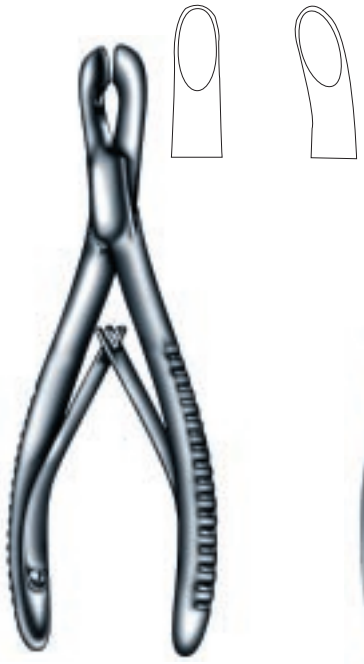
BLUMENTHAL
32.119.15
15 cm



LUER
32.131.15
15 cm



LUER
32.133.15
15 cm



LUER
32.136.17 - 32.137.17
17 cm

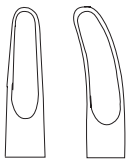


ADSON
32.142.20 - 32.143.20
20 cm



OLIVECRONA
32.147.20
20 cm





cm

16.0	32.150.16	32.151.16
18.5	32.154.18	32.155.18

LEMPERT
32.150.16 - 32.155.18



HAKANSSON
32.157.17
17 cm



BEYER
32.159.18
18 cm





mm

2	32.161.02
3	32.161.03

BEYER
32.161.02 - 32.161.03
17 cm



BACON
32.165.20
20 cm



cm

19.0	**32.167.19**
20.5	**32.169.20**

JANSEN
32.167.19 - 32.169.20



BEYER
32.201.18
18 cm



ZAUFAL JANSEN
32.205.18
18 cm



MAYFIELD
32.207.17
17 cm



mm

2	**32.210.15**	**32.211.15**
3	**32.212.15**	**32.213.15**

BOEHLER
32.210.15 - 32.213.15
15 cm



RUSKIN
32.216.18
18 cm



RUSKIN
32.217.18
18 cm



RUSKIN
32.219.23
23 cm



RUSKIN
32.221.18
18 cm



cm

22	**32.230.22**
26	**32.230.26**

STILLE LUER
32.230.22 - 32.230.26



cm

22	**32.231.22**
26	**32.231.26**

STILLE LUER
32.231.22 - 32.231.26



STILLE LUER
32.232.23
23 cm



cm

23	**32.233.23**
27	**32.233.27**

STILLE LUER
32.233.23 - 32.233.27

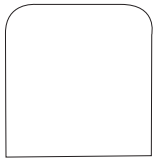


STILLE LUER
32.235.23
23 cm



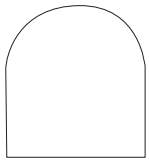
STILLE RUSKIN
32.237.23
23 cm





20 mm

32.241.30

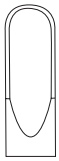


30 mm

32.243.30

SAUERBRUCH
32.241.30 - 32.243.30
30 cm



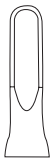


mm

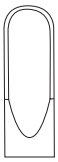
8	**32.245.23**
5	**32.247.23**

LEKSELL STILLE
32.245.23 - 32.247.23
23 cm





32.249.05



32.249.08

mm

5	**32.249.05**
8	**32.249.08**

LESKELL
32.249.05 - 32.249.08
23 cm



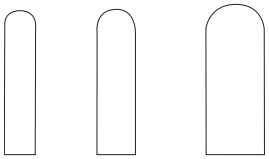
right	**32.251.26**
left	**32.253.26**

SCAGLIETTI
32.251.26 - 32.253.26
26 cm

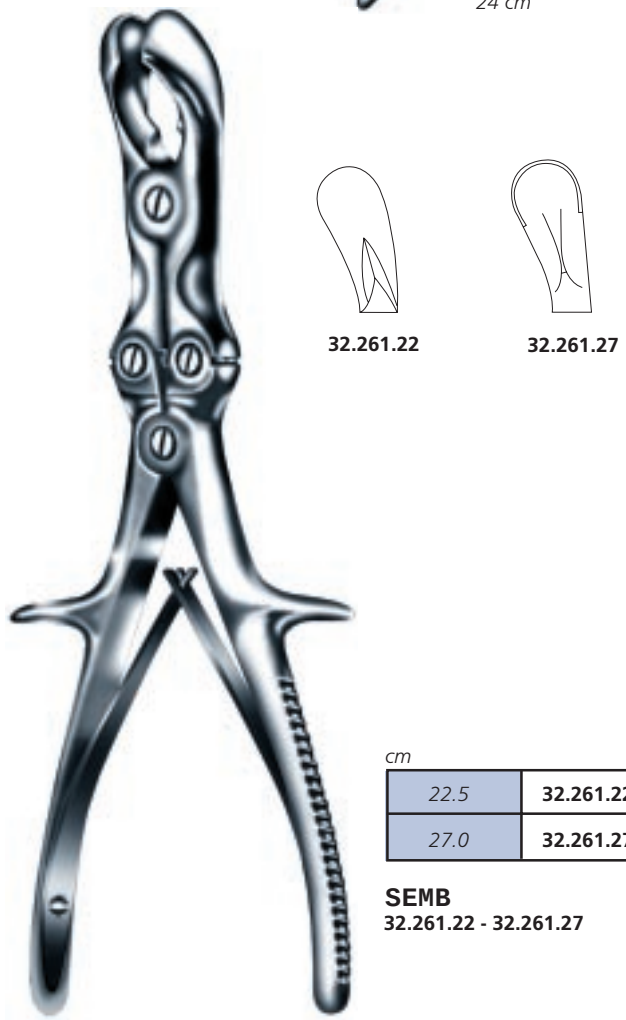


FRYKHOLM
32.255.24
24 cm





259.02 32.259.03 32.259.04



32.261.22

32.261.27

mm

2	**32.259.02**
3	**32.259.03**
4	**32.259.23**

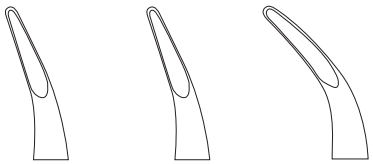
ECHILIN
32.259.02 - 32.259.23
23 cm

cm

22.5	**32.261.22**
27.0	**32.261.27**

SEMB
32.261.22 - 32.261.27



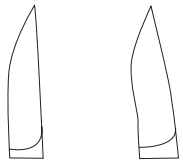


32.262.24 32.263.24 32.265.24

SMITH PETERSEN
32.262.24 - 32.265.24
24 cm
3 mm

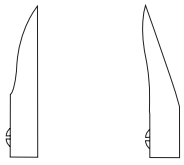


LISTON
32.274.14 - 32.275.22



cm		
14	32.274.14	32.275.14
17	32.274.17	32.275.17
19	32.274.19	32.275.19
22	32.274.22	32.275.22





cm		
15	32.280.15	32.281.15

BOEHLER
32.280.15 - 32.281.15



COTTLE KAZANJIAN
32.282.19
19 cm





32.289.18

RUSKIN LISTON
32.286.18 - 32.289.18
18.5 cm



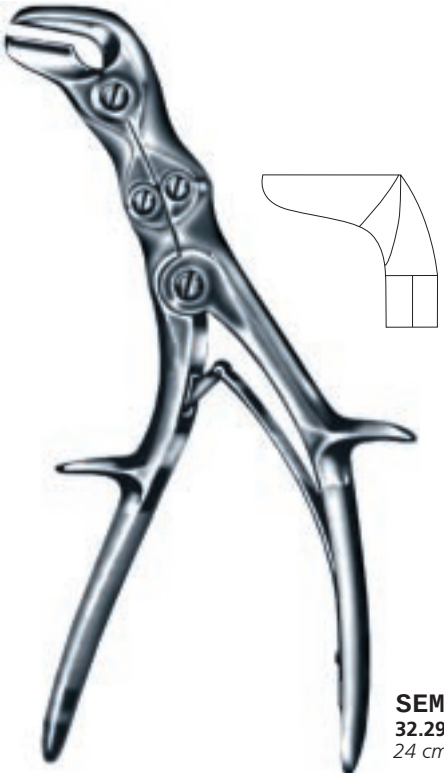


32.291.27

STILLE LISTON
32.290.27 - 32.291.27
27 cm



STILLE HORSLEY
32.293.27
27 cm



SEMB
32.295.24
24 cm



FERGUSSON
32.360.21
21 cm



LANGENBECK
32.362.21
21 cm

32.364.20
20 cm



SEMB
32.365.19
19 cm

FARABEUF
32.366.23 - 32.366.26

cm	
23	**32.366.23**
26	**32.366.26**

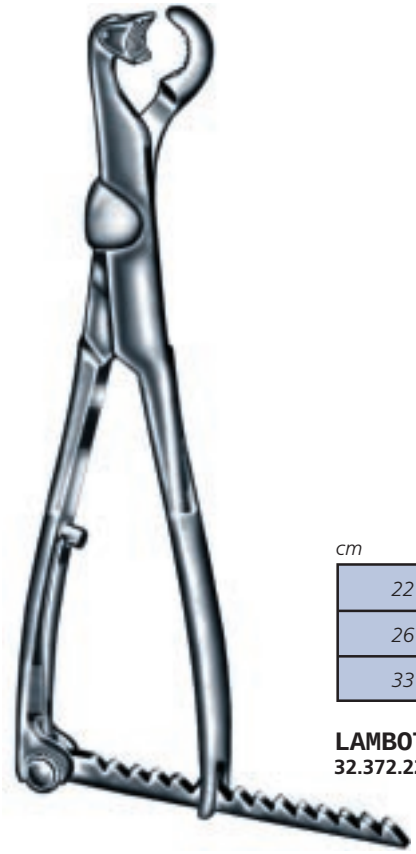


FARABEUF LAMBOTTE
32.368.26
26 cm



LAMBOTTE
32.370.22 - 32.370.30

cm	
22	**32.370.22**
27	**32.370.27**
30	**32.370.30**



cm	
22	32.372.22
26	32.372.26
33	32.372.33

LAMBOTTE
32.372.22 - 32.372.33



cm	
19	32.373.19
23	32.373.23
26	32.373.26

LAMBOTTE
32.373.19 - 32.373.26



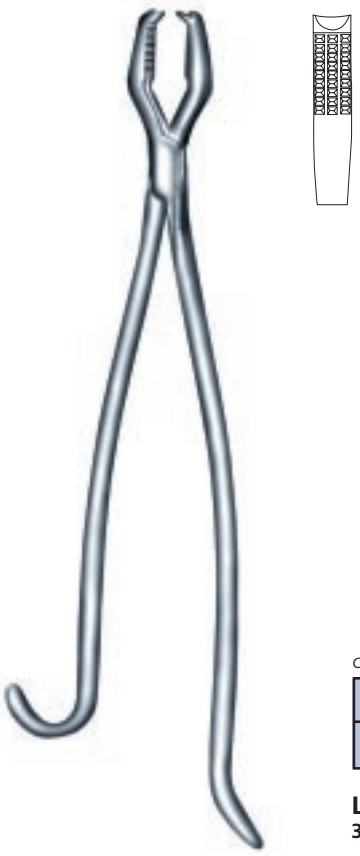
cm	
15	32.378.15
17	32.378.17
21	32.378.21

KERN
32.378.15 - 32.378.21



cm	
15	32.380.15
17	32.380.17
21	32.380.21

KERN
32.380.15 - 32.380.21



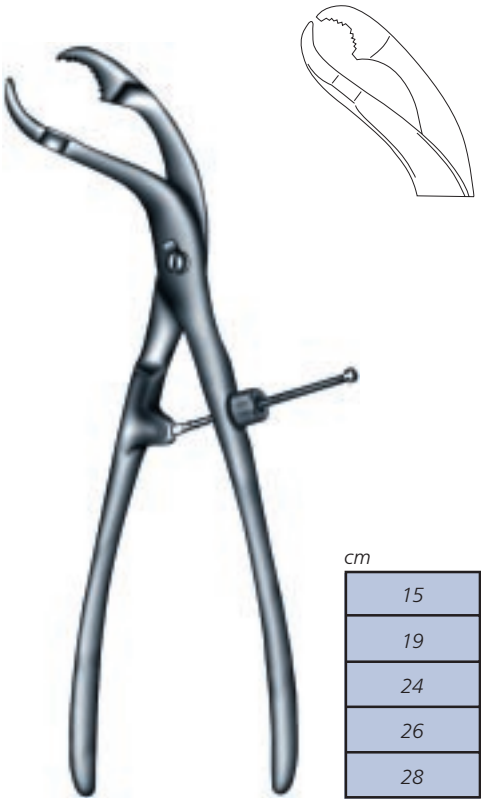
cm	
33	32.382.33
45	32.382.45

LANE
32.382.33 - 32.382.45



cm	
33	32.384.33
45	32.384.45

LANE
32.384.33 - 32.384.45



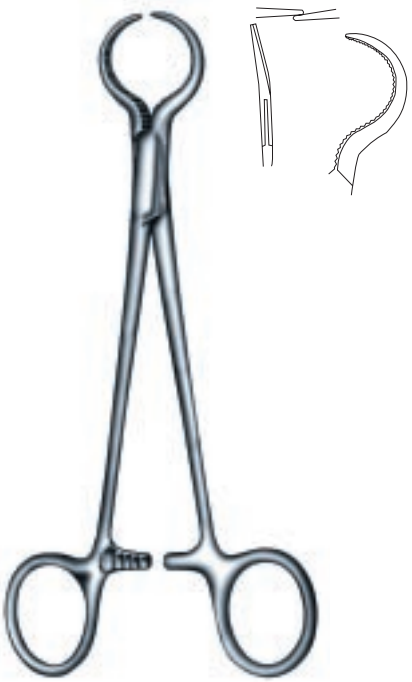
cm	
15	32.391.15
19	32.391.19
24	32.391.24
26	32.391.26
28	32.391.28

VERBRUGGE
32.391.15 - 32.391.28



cm	
17.5	32.395.17
25.0	32.395.25
26.0	32.395.26
27.0	32.395.27

VERBRUGGE
32.395.17 - 32.395.27



LEWIN
32.402.17
17.5 cm



BIRCHER GANSKE
32.404.20 - 32.405.20
20 cm



DINGMANN
32.407.19
19 cm



32.409.13
13.5 cm



MARTIN
32.410.16 - 32.410.19

cm	
16	**32.410.16**
19	**32.410.19**



32.420.20
20 cm



32.421.20
20 cm



VAN BUREN
32.423.23
23 cm



cm

13.0	**32.441.13**
18.5	**32.441.18**
20.0	**32.441.20**

LOWMAN
32.441.13 - 32.441.20



32.432.18
18.5 cm



32.436.21
21 cm



GERSTER
32.444.15



PARHAM
32.446.24
24 cm



cm	
18	**32.448.18**
30	**32.448.30**

PARHAM
32.448.18 - 32.448.30



32.450.01
adult
32.450.02
child



32.462.07



32.462.02



32.462.08



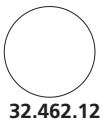
32.462.03



32.462.10



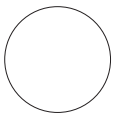
32.462.04



32.462.12



32.462.05



32.462.14



32.462.06

ø mm		*cm*
2	**32.462.02**	*17.0*
3	**32.462.03**	*17.0*
4	**32.462.04**	*17.0*
5	**32.462.05**	*17.5*
6	**32.642.06**	*17.5*
7	**32.642.07**	*18.0*
8	**32.642.08**	*18.0*
10	**32.642.10**	*18.0*
12	**32.462.12**	*20.0*
14	**32.462.14**	*20.0*

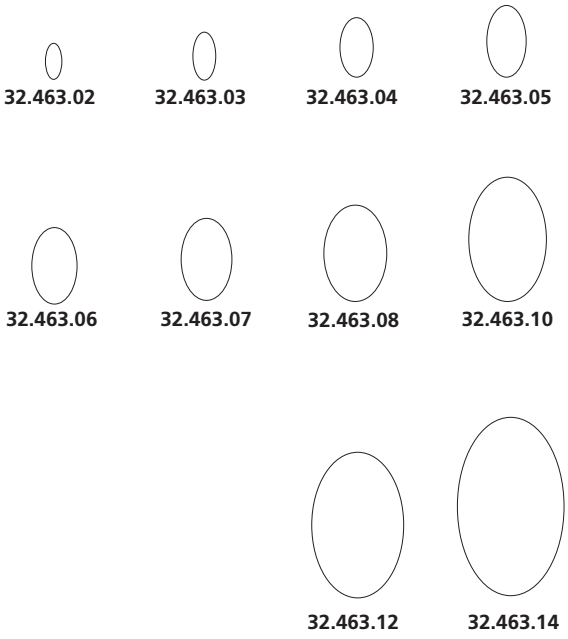


32.462.02 - 32.462.14



cm

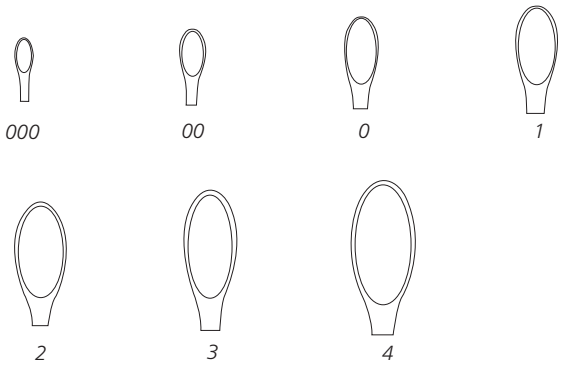
ø mm		cm
2	**32.463.02**	18.0
3	**32.463.03**	18.0
4	**32.463.04**	18.5
5	**32.463.05**	18.5
6	**32.463.06**	18.5
7	**32.463.07**	19.0
8	**32.463.08**	20.0
10	**32.463.10**	21.0
12	**32.463.12**	21.0
14	**32.463.14**	22.0



SWEDEN
32.463.02 - 32.463.14



fig.	
000	**32.467.97**
00	**32.467.98**
0	**32.468.00**
1	**32.468.01**
2	**32.468.02**
3	**32.468.03**
4	**32.468.04**



SCHEDE
32.467.97 - 32.468.04
17 cm

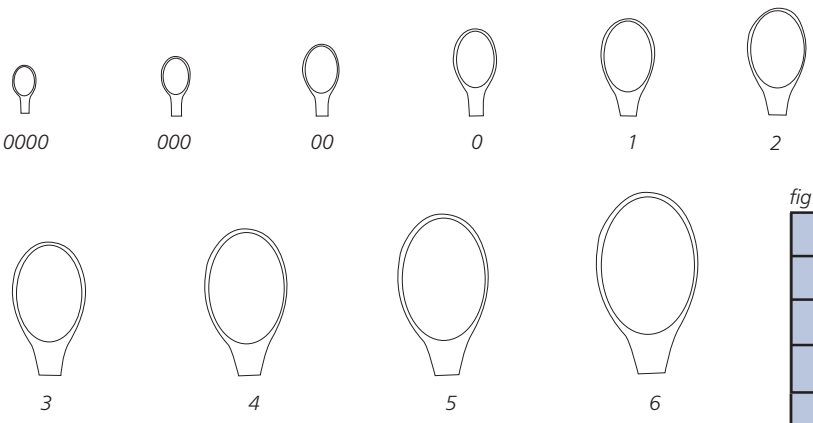


fig.	
0000	**32.469.96**
000	**32.469.97**
00	**32.469.98**
0	**32.470.00**
1	**32.470.01**
2	**32.470.02**
3	**32.470.03**
4	**32.470.04**
5	**32.470.05**
6	**32.470.06**



VOLKMANN
32.469.96 - 32.470.06
17 cm

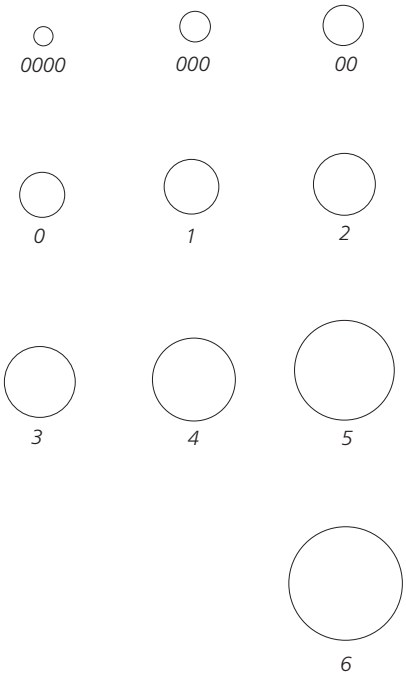


fig.	
0000	**32.471.96**
000	**32.471.97**
00	**32.471.98**
0	**32.472.00**
1	**32.472.01**
2	**32.472.02**
3	**32.472.03**
4	**32.472.04**
5	**32.472.05**
6	**32.472.06**



BRUNS
32.471.96 - 32.472.06
17 cm



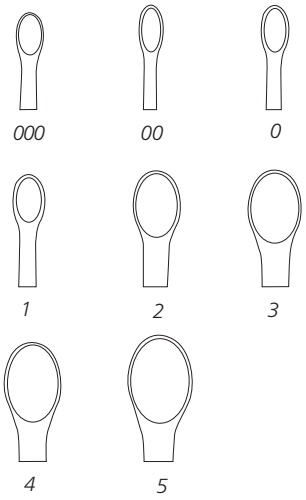


fig.	
000	**32.474.97**
00	**32.474.98**
0	**32.475.00**
1	**32.475.01**
2	**32.475.02**
3	**32.475.03**
4	**32.475.04**
5	**32.475.05**

SPRATT
32.474.97 - 32.475.05
18 cm



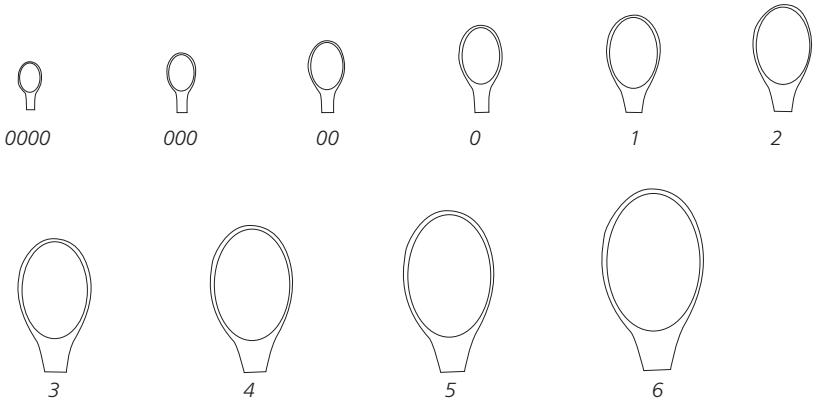


fig.		
32.476.96	0000	**32.478.96**
32.476.97	000	**32.478.97**
32.476.98	00	**32.478.98**
32.477.00	0	**32.479.00**
32.477.01	1	**32.479.01**
32.477.02	2	**32.479.02**
32.477.03	3	**32.479.03**
32.477.04	4	**32.479.04**
32.477.05	5	**32.479.05**
32.477.06	6	**32.479.06**

BRUNS
32.476.96 - 32.477.06
23 cm



BRUNS
32.478.96 - 32.479.06
23 cm



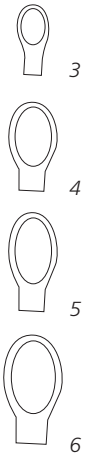




fig.	
000	**32.480.97**
00	**32.480.98**
0	**32.481.00**
1	**32.481.01**
2	**32.481.02**
3	**32.481.03**
4	**32.481.04**
5	**32.481.05**
6	**32.481.06**

BRUNS
32.480.97 - 32.481.06
23 cm





fig.	
1	**32.485.01**
2	**32.485.02**
3	**32.485.03**
4	**32.485.04**
5	**32.485.05**
6	**32.485.06**

SIMON
32.485.01 - 32.485.06
24 cm



DAUBENSPECK
32.486.99 - 32.487.02
17.5 cm

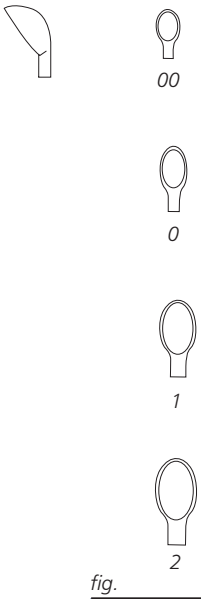


fig.	
00	**32.486.99**
0	**32.487.00**
1	**32.487.01**
2	**32.487.02**





fig.	
0	**32.490.10**
00	**32.490.20**
000	**32.490.30**
0000	**32.490.40**
00000	**32.490.50**

LEMPERT
32.490.10 - 32.490.50
17.5 cm





fig.	
1	**32.491.01**
2	**32.491.02**
3	**32.491.03**

HALLE
32.491.01 - 32.491.03
21 cm



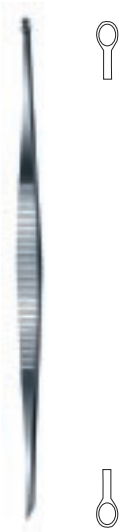
cm	
13	**32.492.13**
16	**32.492.16**
20	**32.492.20**

VOLKMANN
32.492.13 - 32.492.20



cm	
13	**34.494.13**
16	**32.494.14**
20	**32.494.17**

VOLKMANN
32.494.13 - 32.494.17



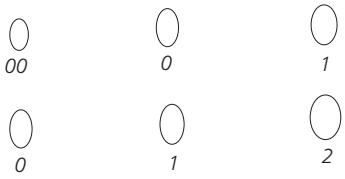


fig.	
32.496.00	*00/0*	**32.498.00**
32.496.01	*0/1*	**32.498.01**
32.496.12	*1/2*	**32.498.12**

WILLIGER
32.496.00 - 32.496.12
13.5 cm



MARTINI
32.498.00 - 32.498.12
13.5 cm

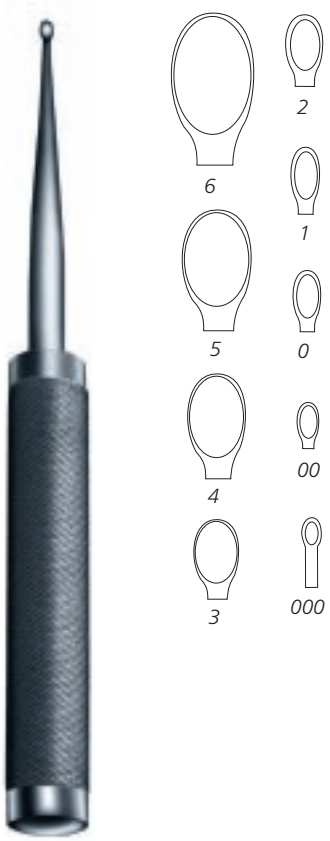


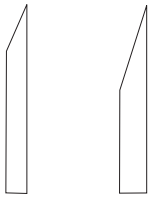
fig.	
000	**32.501.00**
00	**32.502.00**
0	**32.503.00**
1	**32.503.01**
2	**32.503.02**
3	**32.503.03**
4	**32.503.04**
5	**32.503.05**
6	**32.503.06**

COBB
32.501.00 - 32.503.06
28 cm



32.502.21
21 cm



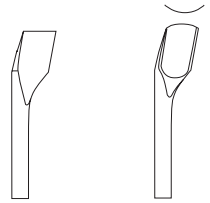


32.560.20 32.561.16

cm	mm	
24	20	**32.560.20**
26	16	**32.561.16**

32.560.20 - 32.561.16





mm		
10	**32.563.10**	**32.565.10**
15	**32.563.15**	**32.565.15**

LEXER
32.563.10 - 32.565.15
28 cm



mm	
7	**32.570.05**
10	**32.570.09**

LEXER
32.570.05 - 32.570.09
28.5 cm



mm	curved forth	curved back	straight
9	**32.571.09**	**32.573.09**	**32.575.09**
15	**32.571.15**	**32.573.15**	**32.575.15**
30	**32.571.30**	**32.573.30**	**32.575.30**

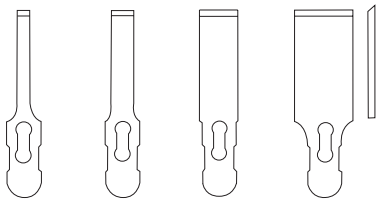
WARNER
32.571.09 - 32.575.30



mm	
2	32.582.02
3	32.582.03
4	32.582.04
5	32.582.05
6	32.582.06
8	32.582.08
10	32.582.10

MAZO
32.582.02 - 32.582.10
15.5 cm





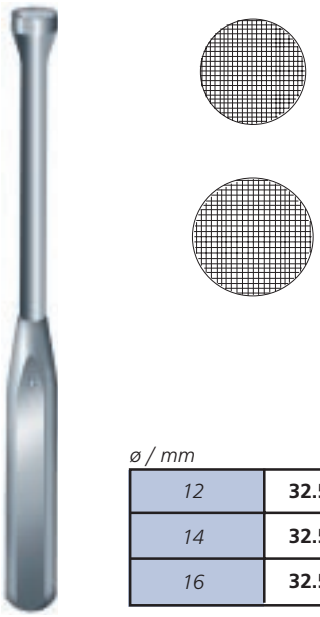
mm	
5	32.580.05
10	32.580.10
16	32.580.16
25	32.580.25
25 x 78	32.580.78
25 r= 5	32.581.50
25 r= 6	32.581.60
25 r= 7	32.581.70

handpiece only
32.580.00
18 cm
blades
32.580.05 - 32.581.70



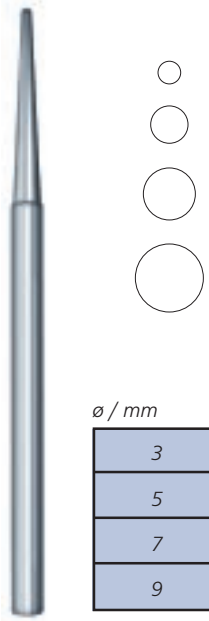
ø / mm	
3	32.584.03
5	32.584.05
8	32.584.08

CASPAR
32.584.03 - 32.584.08
20 cm



ø / mm	
12	32.586.12
14	32.586.14
16	32.586.16

32.586.12 - 32.586.16



ø / mm	
3	32.588.03
5	32.588.05
7	32.588.07
9	32.588.09

32.588.03 - 32.588.09
16 cm



mm	
8	**32.602.08**
10	**32.602.10**
12	**32.602.12**
14	**32.602.14**
16	**32.602.16**

32.602.08 - 32.602.16
13.5 cm



mm	
8	**32.604.08**
10	**32.604.10**
12	**32.604.12**
14	**32.604.14**
16	**32.604.16**

32.604.08 - 32.604.16
13.5 cm



mm	
8	**32.605.08**
10	**32.605.10**
12	**32.605.12**
14	**32.605.14**
16	**32.605.16**

32.605.08 - 32.605.16
13.5 cm



ALEXANDER
32.610.04 - 32.610.14
17 cm



32.610.04
4 mm



32.610.06
6 mm



32.610.08
8 mm



32.610.10
10 mm



32.610.12
12 mm



32.610.14
14 mm



mm	
4	32.611.04
6	32.611.06
8	32.611.08
10	32.611.10
12	32.611.12
14	32.611.14

ALEXANDER
32.611.04 - 32.611.14
17 cm



mm	13.5 cm	17 cm
2	32.620.02	32.622.02
3	32.620.03	32.622.03
4	32.620.04	32.622.04
5	32.620.05	32.622.05
6	32.602.06	32.622.06
7	32.620.07	32.622.07
8	32.620.08	32.622.08
10	32.620.10	
12	32.620.12	

PARTSCH
32.620.02 - 32.622.08



mm	13.5 cm	17 cm
2	32.623.02	32.625.02
3	32.623.03	32.625.03
4	32.623.04	32.625.04
5	32.623.05	32.625.05
6	32.623.06	32.625.06
7	32.623.07	32.625.07
8	32.623.08	32.625.08

PARTSCH
32.623.02 - 32.625.08



mm	
10	32.630.10
12	32.630.12
15	32.630.15
20	32.630.20
25	32.630.25

STILLE
32.630.10 - 32.630.25
20 cm



mm	
8	**32.632.08**
10	**32.632.10**
15	**32.632.15**
20	**32.632.20**
25	**32.632.25**

STILLE
32.632.08 - 32.632.25
20 cm



mm	
10	**32.633.10**
15	**32.633.15**
20	**32.633.20**
25	**32.633.25**

STILLE
32.633.10 - 32.633.25
20 cm



cm	
0.6	**32.634.06**
0.9	**32.634.09**
1.3	**32.634.13**
1.6	**32.634.16**
1.9	**32.634.19**
2.5	**32.634.25**
3.2	**32.634.32**

SMITH PETERSON
32.634.06 - 32.634.32
20 cm



mm	
6	**32.635.06**
9	**32.635.09**
13	**32.635.13**
16	**32.635.16**
19	**32.635.19**
25	**32.635.25**
32	**32.635.32**

SMITH PETERSEN
32.635.06 - 32.635.32
20 cm



mm

6	**32.637.06**
9	**32.637.09**
13	**32.637.13**
16	**32.637.16**
19	**32.637.19**
25	**32.637.25**
32	**32.637.32**

SMITH PETERSEN
32.637.06 - 32.637.32
20 cm



mm

6	**32.639.06**
9	**32.639.09**
13	**32.639.13**
16	**32.639.16**
19	**32.639.19**
25	**32.639.25**
32	**32.639.32**

SMITH PETERSEN
32.639.06 - 32.639.32
20 cm





mm

6.5	**32.650.06**
15.0	**32.650.15**
20.0	**32.650.20**
25.0	**32.650.25**
30.0	**32.650.30**
38.0	**32.650.38**
44.0	**32.650.44**

LAMBOTTE
32.650.06 - 32.650.44
24 cm





mm

6.5	**32.651.06**
15.0	**32.651.15**
20.0	**32.651.20**
25.0	**32.651.25**
30.0	**32.651.30**
38.0	**32.651.38**
44.0	**32.651.44**

LAMBOTTE
32.651.06 - 32.651.44
23 cm



LAMBOTTE mini
32.654.03 - 32.654.15
12.5 cm

mm	
3	**32.654.03**
4	**32.654.04**
6	**32.654.06**
8	**32.654.08**
10	**32.654.10**
12	**32.654.12**
15	**32.654.15**



LEXER
32.660.07 - 32.660.30
22 cm

mm	
7	**32.660.07**
10	**32.660.10**
15	**32.660.15**
20	**32.660.20**
25	**32.660.25**
30	**32.660.30**



LEXER
32.661.07 - 32.661.30
22 cm

mm	
7	**32.661.07**
10	**32.661.10**
15	**32.661.15**
20	**32.661.20**
25	**32.661.25**
30	**32.661.30**



LEXER mini
32.664.04 - 32.664.12
18 cm

mm	
4	**32.664.04**
6	**32.664.06**
8	**32.664.08**
10	**32.664.10**
12	**32.664.12**



mm	
4	32.665.04
6	32.665.06
8	32.665.08
10	32.665.10
12	32.665.12

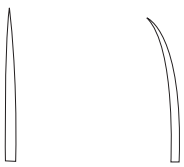
LEXER mini
32.665.04 - 32.665.12
18 cm



mm	
3	32.668.03
5	32.668.05
6	32.668.06
8	32.668.08
9	32.668.09

HOKE
32.668.03 - 32.668.09
17 cm





mm		
6	32.670.06	32.671.06
3	32.670.13	32.671.13
9	32.670.19	32.671.19
25	32.670.25	32.671.25
32	32.670.32	32.671.32

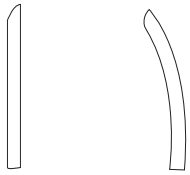
HIBBS
32.670.06 - 32.671.32
24 cm



mm	
6	32.672.06
3	32.672.13
19	32.672.19
25	32.672.25
32	32.672.32

HIBBS
32.672.06 - 32.672.32
24 cm





mm

6	**32.673.06**	**32.675.06**
13	**32.673.13**	**32.675.13**
19	**32.673.19**	**32.675.19**
25	**32.673.25**	**32.675.25**
32	**32.673.32**	**32.675.32**

HIBBS
32.673.06 - 32.675.32
24 cm



LEBSCHE
32.678.24
24.5 cm



32.679.22
22 cm



VIRCHOW
32.680.12
12 cm



BRUNETTI
32.681.28
28 cm



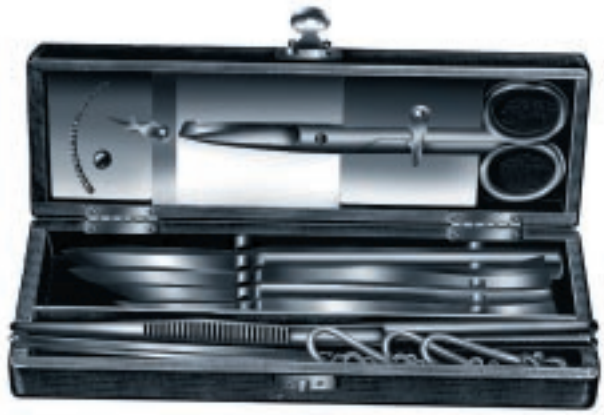
BRUNETTI
32.683.28
28 cm



POST MORTEN set
32.684.00



plastic
32.685.01
large
32.685.02
smoll



wood
32.685.03
large
32.685.04
smoll



GERZOG
32.686.25
18 cm / 250 g



KIRK
32.688.75
19 cm / 750 g



g

450	**32.690.45**
900	**32.690.90**

32.690.45 - 32.690.90
26.5 cm



32.691.14
2 interchanging faces
160 g
32.691.99
pair of spare



ø / mm

35	**32.693.35**
45	**32.693.50**
50	**32.693.70**

32.693.35 - 32.693.70
26 cm



COLLIN
32.692.22
20 cm 220 g



WILLIGER
32.694.34
24 cm 340 g



cm

3.0	**32.695.30**
4.5	**32.695.45**

BERGMANN
32.695.30 - 32.695.45
300 g



LUCAE
32.696.26
19 cm 260 g



MEAD
32.696.32
17 cm

32.697.02
pair of spare disks



g

250	**32.698.25**
400	**32.698.40**

32.698.25 - 32.698.40
26 cm



QUISLING
32.698.75
17 cm



32.699.00
23.5 cm



32.700.01
140 g/ 20 mm / 16 cm



32.700.02
100g/ 20 mm/ 16 cm



g	
200	**32.701.01**
160	**32.701.02**

PARTSCH
32.701.01 - 32.701.02
18 cm / ø 22 mm



cm		
15	**32.702.15**	**32.703.15**

FARABEUF
32.702.15 - 32.703.15
15 cm



cm		
15	**32.702.16**	**32.703.16**

FARABEUF LAMBOTTE
32.702.16 - 32.703.16
15 cm



mm	
5	32.705.05
10	32.705.10
15	32.705.15
20	32.705.20
25	32.705.25

LAMBOTTE
32.705.05 - 32.705.25
21 cm



mm	
10	32.707.10
13	32.707.13
19	32.707.19
25	32.707.25
30	32.707.30

COBB
32.707.10 - 32.707.30
25 cm



SEDILLOT
32.709.21
21 cm



mm	
6	32.710.06
9	32.710.09

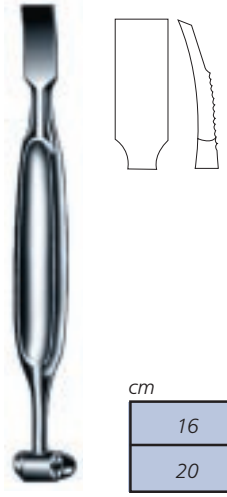
MATHIEU
32.710.06 - 32.710.09
14 cm



LANGENBECK
32.711.18
18 cm



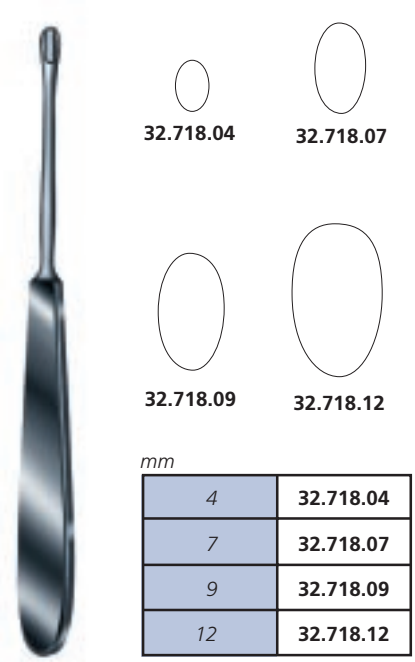
WILLIGER
32.713.16
16 cm



cm

16	**32.715.16**
20	**32.715.20**

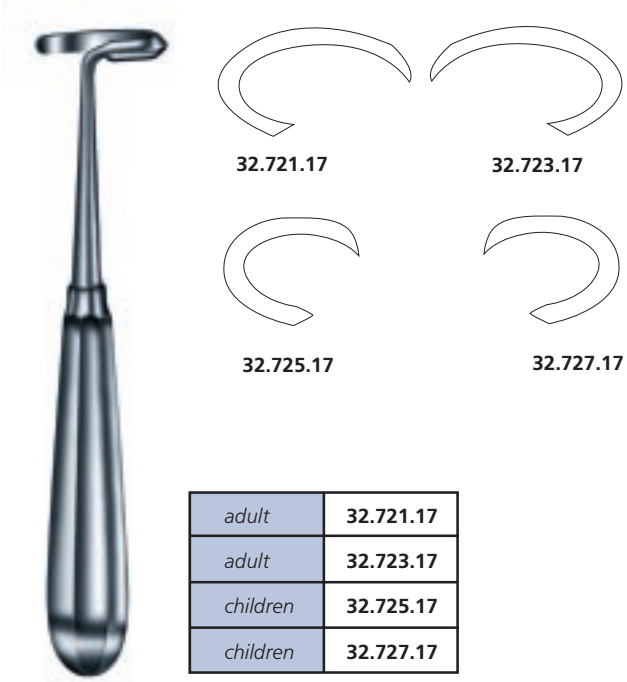
ALEXANDER
32.715.16 - 32.715.20



mm

4	**32.718.04**
7	**32.718.07**
9	**32.718.09**
12	**32.718.12**

WIBERG
32.718.04 - 32.718.12

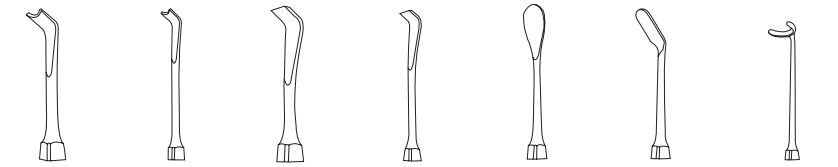


adult	**32.721.17**
adult	**32.723.17**
children	**32.725.17**
children	**32.727.17**

DOYEN
32.721.17 - 32.727.17
17 cm



cm	
17.5	**32.729.01**
21.0	**32.729.02**
17.5	**32.729.03**
21.0	**32.729.04**
20.5	**32.729.05**
20.5	**32.729.06**
22.5	**32.729.07**



32.729.01 **32.729.02** **32.729.03** **32.729.04** **32.729.05** **32.729.06** **32.729.07**

SEMB
32.729.01 - 32.729.07



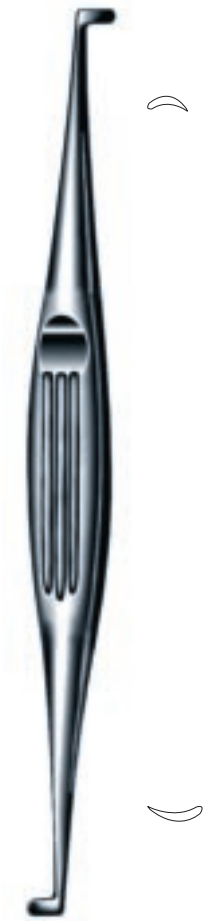
MATSON ALEXANDER
32.731.22
22 cm



MATSON
32.733.22
22 cm



OVERHOLT
32.735.29
29.5 cm



OVERHOLT
32.737.29
29.5 cm



OVERHOLT
32.739.28
28.5 cm



LANDOLT
32.740.47
tip 4.7 mm
17.5 cm



CASPAR
32.741.62
tip 6.2 mm
18 cm



32.743.03
tip 3 mm
32.743.06
tip 6 mm
17 cm



SEBILAU
32.748.17
17 cm



QUERVAIN
32.750.20
20 cm 0.6 mm



LANGENBECK
32.751.20
20 cm



LANGENBECK
32.753.20
20 cm





32.754.17



32.755.17



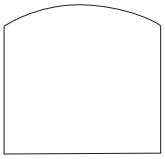
32.756.17



32.757.17

ADSON
32.754.17 - 32.757.17
17 cm





mm

6	**32.759.06**
12	**32.759.12**
19	**32.759.09**
25	**32.759.25**

KEY
32.759.06 - 32.759.25
19 cm



cm

15	**32.760.15**
19	**32.761.19**

CUSHING
32.760.15 - 32.761.19



CUSHING
32.762.19
19 cm / 5 mm



CUSHING
32.763.18
18 cm / 16 mm



CUSHING
32.764.18
18 cm / 16 mm



WARSON CHEYNE
32.765.17
17.5 cm



McDONALD
32.767.19
19 cm



MURPHY LANE
32.769.30
30 cm



BENNETT
32.771.71
65 x 260 mm



BENNETT
32.771.73
45 x 260 mm



32.774.14
14 cm



32.775.14
14 cm



32.777.13
13 cm



32.778.06
18.5 cm



32.779.06
18.5 cm
6 mm



32.781.06
18.5cm 6mm



32.783.03
18.5 cm 3 mm

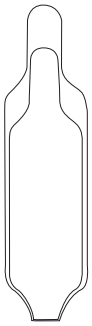


LANGE baby
32.791.17
17 cm



LANGE
32.792.22
22 cm / 22 mm

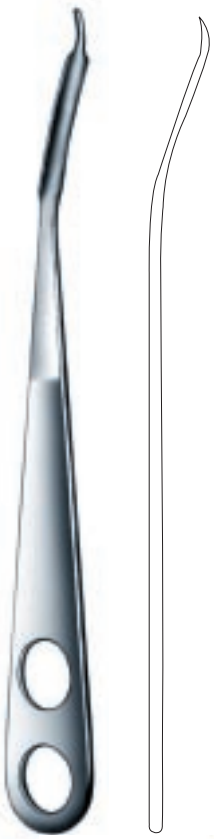




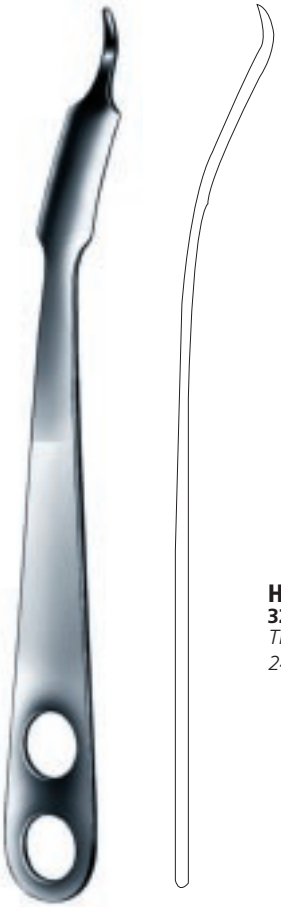
cm / mm

27 / 30	**32.793.30**
29 / 34	**32.793.34**

LANGE HOHMANN
32.793.30 - 32.793.34



HOHMANN
32.801.08
Tip 8 mm
22 cm



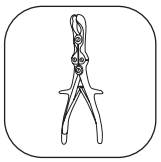
HOHMANN
32.801.18
Tip 18 mm
24 cm



HOHMANN
32.801.43
Tip 4.3 cm
24 cm

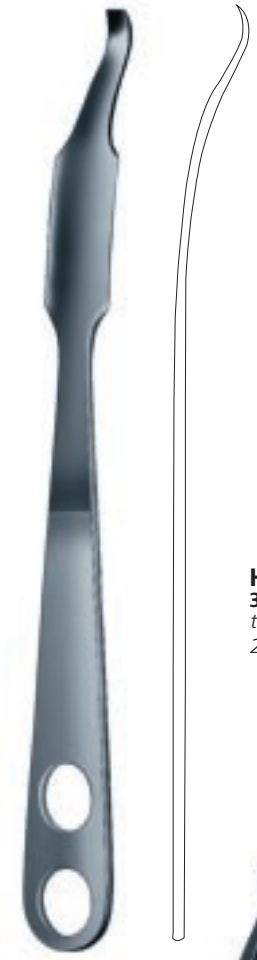


HOHMANN
32.801.70
Tip 7 cm
25 cm

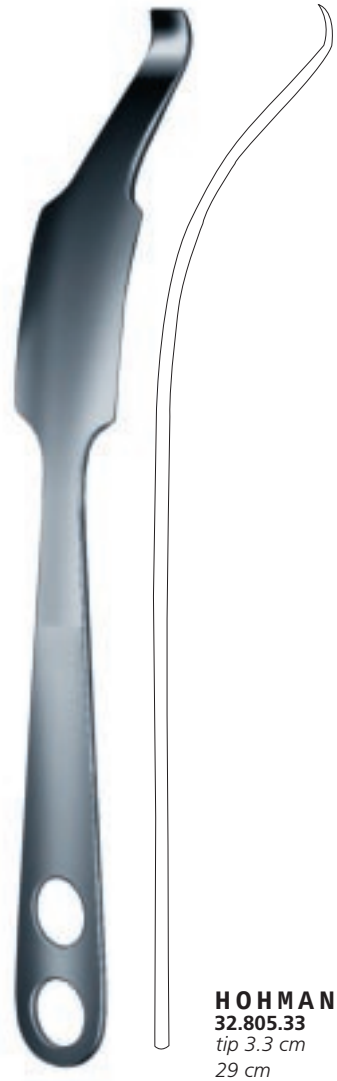




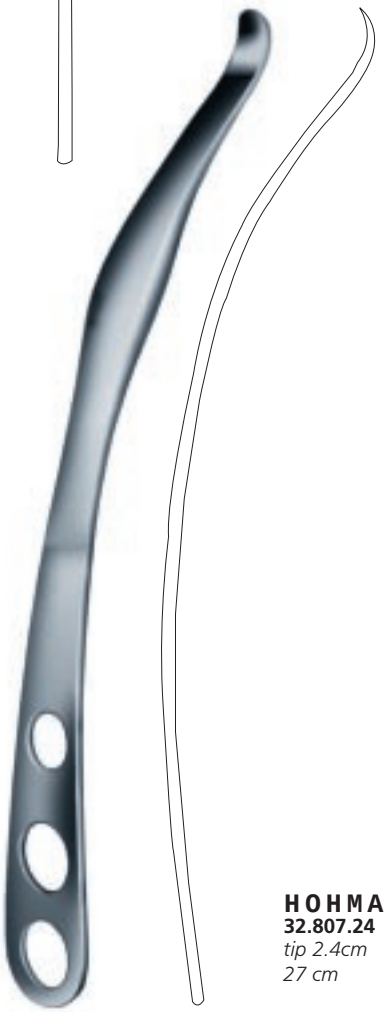
HOHMANN
32.803.43
tip 4.3 cm



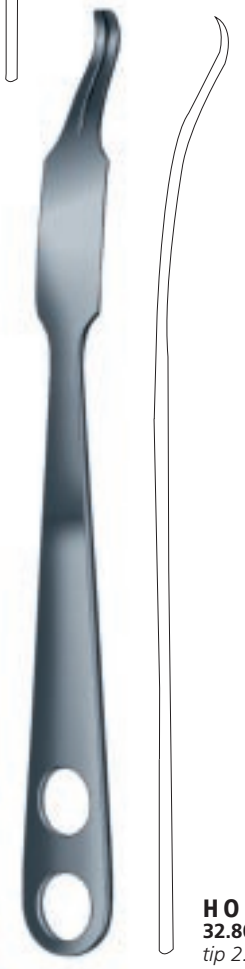
HOHMANN
32.805.22
tip 2.2 cm
26 cm



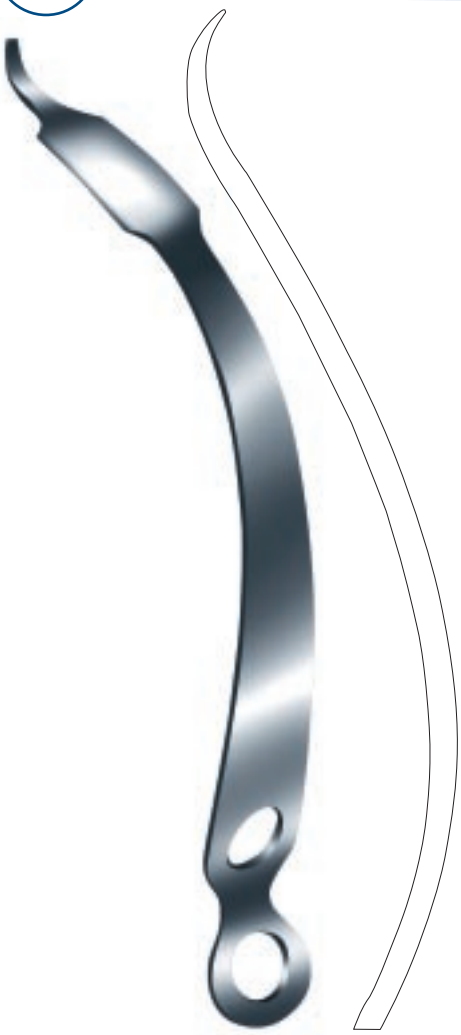
HOHMANN
32.805.33
tip 3.3 cm
29 cm



HOHMANN
32.807.24
tip 2.4cm
27 cm



HOHMANN
32.809.22
tip 2.2 cm



HOHMANN ALDINGER
32.810.24
24 cm



mm

6	**32.811.06**
8	**32.811.08**

HOHMANN mini
32.811.06 - 32.811.08
16 cm



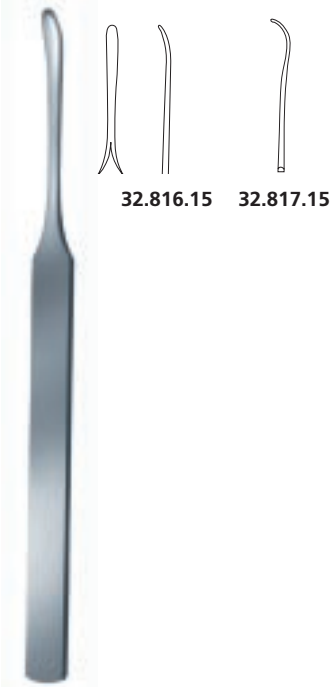
BUCK GRAMCKO
32.813.15
tip 2 mm
15 cm



mm

2.8	**32.815.05**
5.0	**32.815.06**

32.815.05 - 32.815.06
14 cm



32.816.15 **32.817.15**

KOENIG
32.816.15 - 32.817.15
15.5 cm



BLOUNT
32.823.26
26 cm



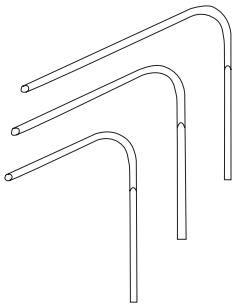
BLOUNT
32.825.26
26 cm



BLOUNT
32.827.17
17.5 cm



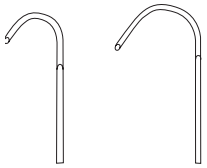
SMILLIE
32.828.32 - 32.828.60
14 cm



mm

19 x 32	**32.828.32**
19 x 45	**32.828.45**
19 x 60	**32.828.60**





cm

1.3 x 1.5	**32.829.15**
1.3 x 2.5	**32.829.25**
1.3 x 5.5	**32.829.55**

SMILLIE
32.829.15 - 32.828.55
14 cm



TAYLOR
32.831.16 - 32.833.16
16.5 cm

mm

75 x 30	**32.831.16**
100 x 30	**32.833.16**



LANE
32.835.27
21 cm

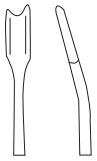




2.910.17



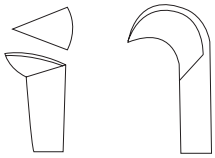
2.911.17



32.913.17

SMILLIE
32.910.17 - 32.913.17
17 cm





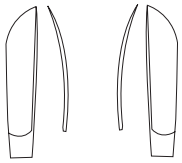
cm		
19	32.915.19	32.917.19

BIRCHER
32.915.19 - 32.917.19



DOWNING
32.919.25
25 cm





32.921.22 **32.923.22**

Fig. 0

NEFF
32.921.22 - 32.923.22
22 cm



CANADA
32.925.20
20 cm



CANADA
32.927.20
20 cm



32.950.01
32.950.02
32.950.03
32.950.04
32.950.05

BUNNELL
32.950.01 - 32.950.05
15 cm



FISCHER
32.952.31
31 cm



32.971.24
24.5 cm



32.972.22
22 cm



PUTTI
32.973.27
27 cm



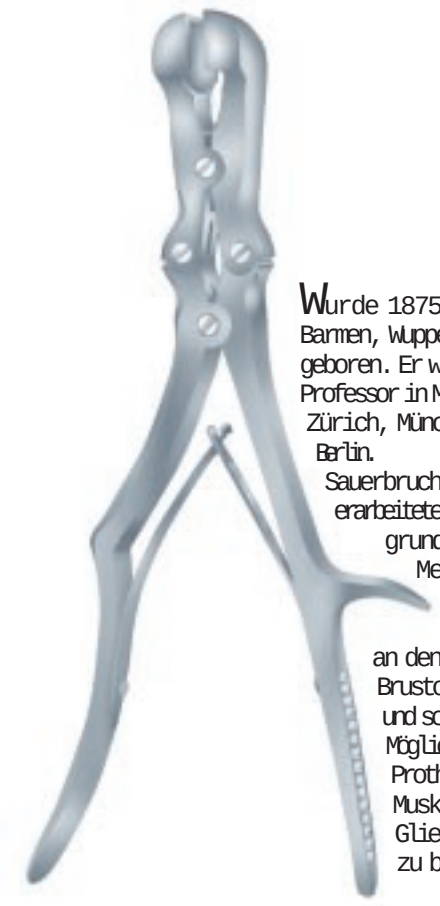
PUTTI
32.975.30
30 cm



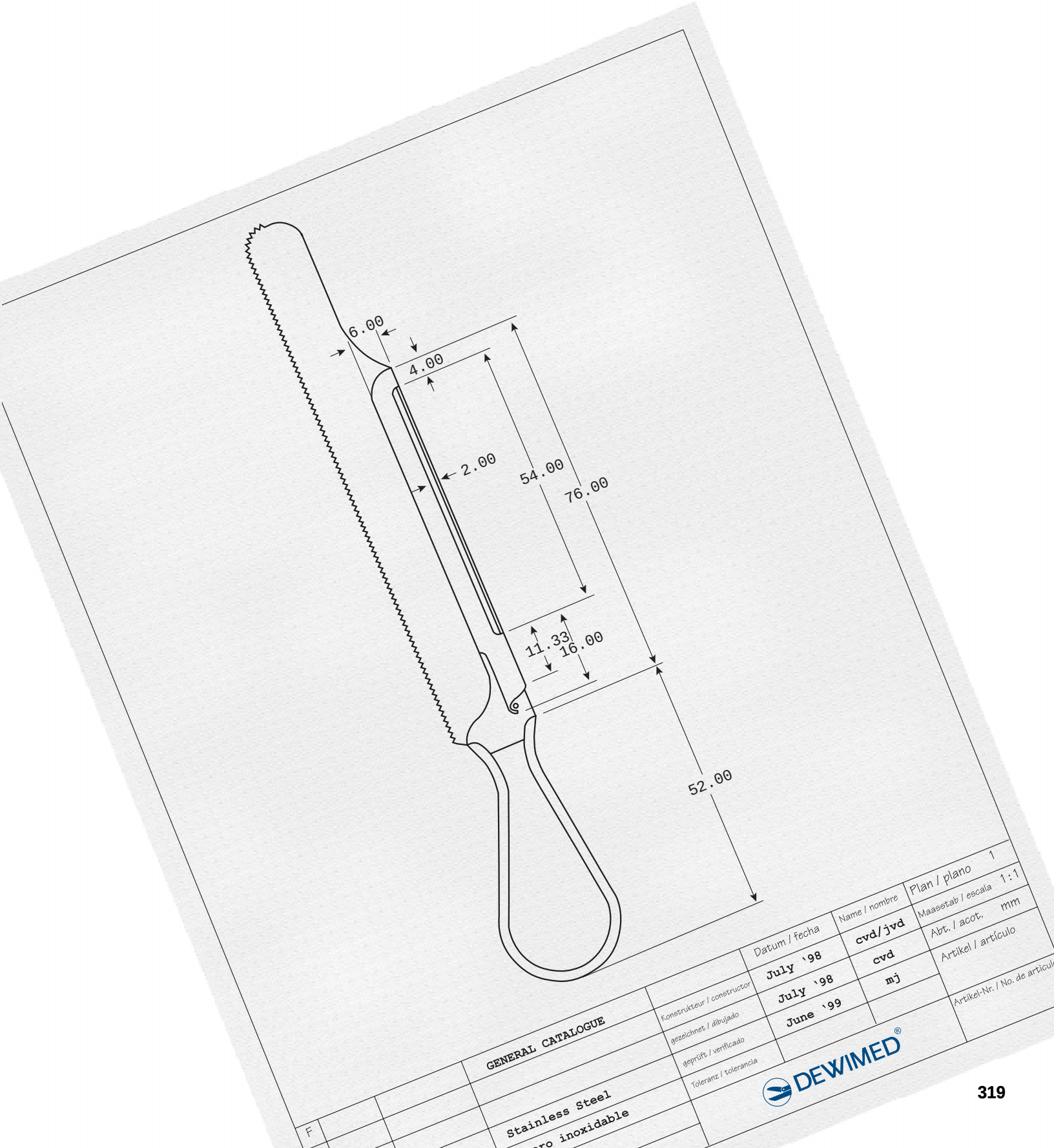
FERDINAND SAUERBRUCH
1514 -1564

Was born in Barmen, Wuppertal, Germany in 1875. He was professor in Marburg, Zürich, Munich and Berlin. Sauerbruch developed basic methods for the thorax organ surgery.
He also made movable prothesis possible, through the muscles of the stump.

Nació en 1875 en Barmen, Wuppertal, Alemania. Fue profesor en Marburg, Zürich, Munich y Berlín.
Sauerbruch desarrolló métodos básicos para la intervención a órganos del tórax y creó la posibilidad de mover prótesis a través del movimiento de los músculos del muñón.



Wurde 1875 in Barmen, Wuppertal, geboren. Er war Professor in Marburg, Zürich, München und Berlin.
Sauerbruch erarbeitete grundlegende Methoden für Eingriffe an den Brustorganen und schuf die Möglichkeit, Prothesen durch Muskeln des Gliedstumpfes zu bewegen.


6.00
4.00
2.00
54.00
76.00
11.33
16.00
52.00
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maaestab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



33.101.01
complete



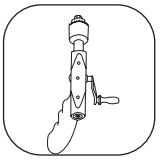
ESMARCH
33.102.00
1 m



ESMARCH
33.103.00
5 m / 6cm
33.104.00
5 m / 8cm



PERCY
33.110.00





CHARRIERE
33.112.00



33.112.03 -33.112.07
only

mm

3	**33.112.03**
5	**33.112.05**
7	**33.112.07**



CHARRIERE
33.116.30
30 cm



SATTERLEE
33.118.31
31 cm
33.118.99
only



LANGENBECK
33.120.23
23 cm



33.160.00
complete

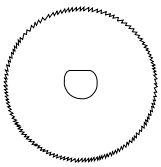


33.160.01
3 pieces



RADOLF
33.162.13
13.5 cm

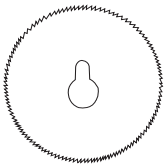




33.173.01
only

33.173.00
17 cm





33.175.01

33.175.00
complete
33.175.99
only



STILLE
33.210.20
hand piece only
20 cm



33.212.25
2.5 mm



33.212.30
3.0 mm



33.212.35
3.5 mm



33.212.40
4.0 mm



33.214.05
5.0 mm



33.214.08
8.0 mm



33.214.10
10 mm



33.214.12
12 mm



33.214.16
16 mm



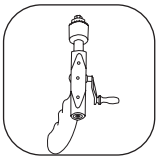
33.216.10
1.0 mm



33.216.15
1.5 mm



33.216.20
2.0 mm





STILLE SHERMAN
33.220.24
24 cm



33.222.25
2.5 cm



33.222.30
3.0 cm



33.222.35
3.5 cm



MOORE
33.230.28
28 cm

33.232.00
3 pieces



HUDSON
33.240.27
complete
33.240.99
only



33.242.09
9 mm



33.242.14
14 mm



33.242.16
16 mm



33.242.22
22 mm



CUSHING
33.244.14



33.246.00



McKENZIE
33.248.00



KIRSCHNER
33.250.00
complete



33.252.00



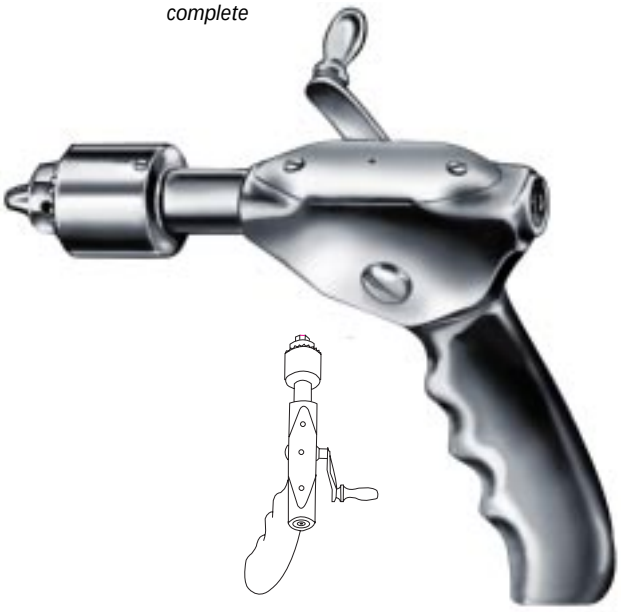
33.260.00
complete



33.262.00



BUNNELL
33.270.00
16 cm



RALK
33.280.00



33.290.00



33.292.00



33.296.00



33.312.00
6.3 mm



electrical

33.310.00
220 V
33.310.01
110 V



33.320.30

charger unit	*80-240V*
input wattage	*20VA*
charging voltage	*20V, 0.55 A*
charging time	*max. 1.5 h*



33.320.51



electrical

33.320.10 - 33.320.11

technical data	**33.320.10**	**33.320.11**
voltage	12 V	12 V
capacity of battery pack	0.5 Ah	0.25 Ah
output power	Mo 25 W / Chuck-end 80 W	Mo 25 W / Chuck-end 80 W
motor torque	2.0 Nm	2.0 Nm
speed	1-1200 1 / min	1-1200 1 / min
weight	1250 g	1050 g



electrical

33.330.10

technical data

voltage	12 V
capacity of battery pack	0.5 Ah
output power	Mo 25 W / Chuck-end 80 W
motor torque	2.0 Nm
speed	1-1200 1 / min
weight	1250 g



JACOBS
33.320.55
up to 6.35 mm
33.320.60
up to 4.00 mm



33.320.65
stille shaft



33.320.70
AO - shaft

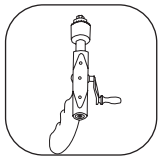


33.320.75
square - end shaft



33.320.80
osteo - shaft

33.320.97
battery for handy-grip drill for 33.320.11
33.320.98
battery for drill for 33.320.10 and reamer for 33.330.10
33.320.99
storage and transport case





33.322.00



blades for oscillating saws
73 / 50 mm

mm

10	**33.322.10**
15	**33.322.15**
20	**33.322.20**
25	**33.322.25**
30	**33.322.30**



blades for oscillating saws
73 / 50 mm

mm

140	**33.322.40**
50	**33.322.50**
25	**33.323.25**
30	**33.323.30**



33.324.00



33.325.33 - 33.325.60

mm

33	**33.325.33**
47	**33.325.47**
60	**33.325.60**



HUDSON
33.330.45
with cone



TRINKLE
33.330.50
quick - action chuck



JACOBS
33.330.55



HUDSON
33.330.85
quick - action chuck,
cylindrical



33.330.90
hexagonal



33.340.00
220 V
33.340.01
110 V



33.341.01
only



33.341.03
only



33.341.50
50 mm



33.341.98



33.350.20 - 33.350.70

mm

2.0	**33.350.20**
2.5	**33.350.25**
3.0	**33.350.30**
3.2	**33.350.32**
3.5	**33.350.35**
4.0	**33.350.40**
5.0	**33.350.50**
6.0	**33.350.60**
7.0	**33.350.70**



33.352.10 - 33.352.50

mm

1.0	**33.352.10**
1.2	**33.352.12**
1.5	**33.352.15**
1.8	**33.352.18**
2.0	**33.352.20**
2.2	**33.352.22**
2.8	**33.352.25**
2.8	**33.352.28**
3.0	**33.352.30**
3.2	**33.352.32**
3.5	**33.352.35**
4.0	**33.352.40**
5.0	**33.352.50**



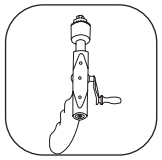
33.354.10 - 33.354.60

mm

1.0	**33.354.10**
1.5	**33.354.15**
2.0	**33.354.20**
2.5	**33.354.25**
2.8	**33.354.28**
3.0	**33.354.30**
3.2	**33.354.32**
3.5	**33.354.35**
4.0	**33.354.40**
4.5	**33.354.54**
5.0	**33.354.50**
6.0	**33.354.60**



33.341.99





33.356.11
60 / 35 mm
ø 1.1 mm



33.356.15
85 / 60 mm
ø 1.5 mm



33.356.20 - 33.356.27
100 / 75 mm

ø mm

2.0	**33.356.20**
2.7	**33.356.27**



33.356.25 - 33.357.15
110 / 85 mm

ø mm

2.5	**33.356.25**
3.5	**33.356.35**
1.5	**33.357.15**



33.356.32 - 33.356.45
145 / 120 mm

ø mm

3.2	**33.356.32**
4.5	**33.356.45**



33.357.20 - 33.357.27
125 / 100 mm

ø mm

2.0	**33.357.20**
2.7	**33.357.27**



33.356.60 - 36.357.45
195 / 190 mm

ø mm

3.2	**33.357.32**
3.5	**33.357.35**
4.5	**33.357.45**
6.0	**33.356.60**



DOYEN
33.362.04 - 33.362.16

ø mm

4	**33.362.04**
6	**33.362.06**
8	**33.362.08**
10	**33.362.10**
12	**33.362.12**
14	**33.362.14**
16	**33.362.16**



DOYEN
33.364.04 - 33.364.16

ø mm

4	**33.364.04**
6	**33.364.06**
8	**33.364.08**
10	**33.364.10**
12	**33.364.12**
14	**33.364.14**
16	**33.364.16**



DOYEN
33.366.12
ø 12 mm



33.368.08
ø 8 mm
33.368.10
ø 10 mm



DOYEN
33.370.12
ø 12 mm
33.370.15
ø 15 mm



ALBEE
33.372.08 - 33.372.12

Ø mm

8	**33.372.08**
10	**33.372.10**
12	**33.372.12**



ALBEE
33.374.07
ø 7 mm



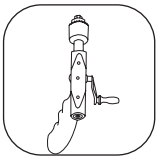
BORCHARDT
33.376.13
ø 13 mm



33.377.25
ø 25 mm



TOTI
33.378.08
ø 8 mm





33.380.20 - 33.380.50

ø mm	
20	**33.380.20**
25	**33.380.25**
30	**33.380.30**
35	**33.380.35**
40	**33.380.40**
45	**33.380.45**
50	**33.380.50**



33.382.20 - 33.382.60

ø mm	
20	**33.382.20**
25	**33.382.25**
30	**33.382.30**
35	**33.382.35**
40	**33.382.40**
45	**33.382.45**
50	**33.382.50**



33.384.20 - 33.384.60

ø mm	
20	**33.384.20**
25	**33.384.25**
30	**33.384.30**
35	**33.384.35**
40	**33.384.40**
45	**33.384.45**
50	**33.384.50**



33.386.17 - 33.386.47

ø mm	
17	**33.386.17**
22	**33.386.22**
27	**33.386.27**
32	**33.386.32**
37	**33.386.37**
42	**33.386.42**
47	**33.386.47**



33.387.00
complete



33.388.00
set



33.390.00
complete



33.392.14
14 cm



PERTHES
33.394.21
21 cm



PERTHES
33.395.21
21 cm



33.396.05
ø 3.9 / 5 mm
33.396.08
ø 6.4 / 8 mm



33.400.55 - 33.401.80
flexible medular cannula

mm

5.5	**33.400.55**
6.0	**33.400.60**
6.5	**33.400.65**
7.0	**33.400.70**
7.5	**33.400.75**
8.0	**33.400.80**
8.5	**33.400.85**
9.0	**33.400.90**
9.5	**33.400.95**
10.0	**33.401.00**
10.5	**33.401.05**
11.0	**33.401.10**
11.5	**33.401.15**
12.0	**33.401.20**
12.5	**33.401.25**
13.0	**33.401.30**
13.5	**33.401.35**
14.0	**33.401.40**
14.5	**33.401.45**
15.0	**33.401.50**
15.5	**33.401.55**
16.0	**33.401.60**
16.5	**33.401.65**
17.0	**33.401.70**
17.5	**33.401.75**
18.0	**33.401.80**



33.402.06 - 33.402.20
flexible medular cannula

mm

6	**33.402.06**
7	**33.402.07**
8	**33.402.08**
9	**33.402.09**
10	**33.402.10**
11	**33.402.11**
12	**33.402.12**
13	**33.402.13**
14	**33.402.14**
15	**33.402.15**
16	**33.402.16**
17	**33.402.17**
18	**33.402.18**
19	**33.402.19**
20	**33.402.20**



ø mm	60 mm	120 mm	140 mm	160 mm	310 mm
1.0	33.406.10	33.412.10	33.414.10	33.416.10	33.431.10
1.2	33.406.12	33.412.12	33.414.12	33.416.12	33.431.12
1.4	33.406.14	33.412.14	33.414.14	33.416.14	33.431.14
1.5	33.406.15	33.412.15	33.414.15	33.416.15	33.431.15
1.6	33.406.16	33.412.16	33.414.16	33.416.16	33.431.16
1.8	33.406.18	33.412.18	33.414.18	33.416.18	33.431.18
2.0	33.406.20	33.412.20	33.414.20	33.416.20	33.431.20
2.2	33.406.22	33.412.22	33.414.22	33.416.22	33.431.22
2.5	33.406.25			33.416.25	33.431.25

KIRSCHNER
33.406.10 - 33.431.25
trocar tip



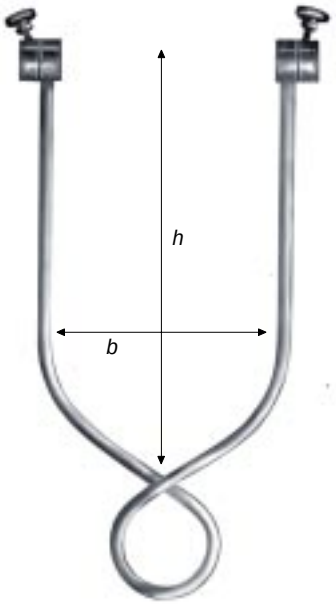
ø mm	310 mm
1.0	33.432.10
1.2	33.432.12
1.5	33.432.15
1.6	33.432.16
1.8	33.432.18
2.0	33.432.20
2.2	33.432.22
2.5	33.432.25

KIRSCHNER
33.432.10 - 33.432.25
lancet tip



mm	
130	33.490.13
140	33.490.14
150	33.490.15
160	33.490.16
180	33.490.18
200	33.490.20
210	33.490.21
230	33.490.23
250	33.490.25

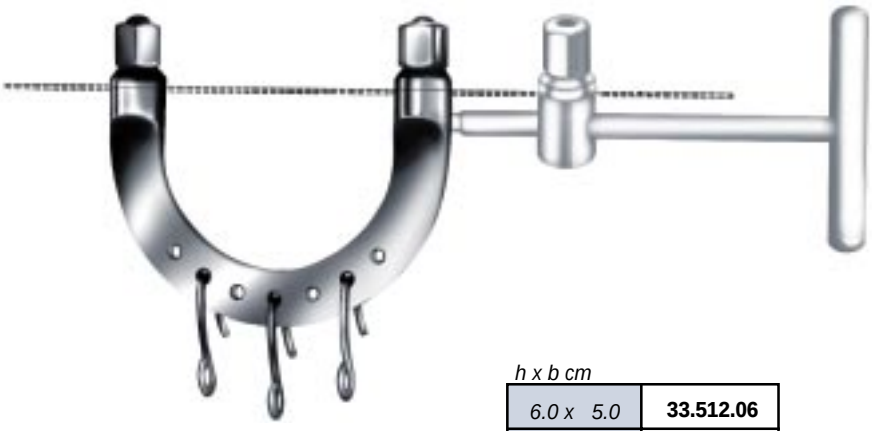
STEINMANN
33.490.13 - 33.490.25
pin



BOEHLER
33.502.16 - 33.502.21

h x b cm

16 x 9	**33.502.16**
21 x11	**33.502.21**



KIRSCHNER
33.512.06 - 33.512.20

h x b cm

6.0 x 5.0	**33.512.06**
9.5 x 7.0	**33.512.09**
10.5 x 10.5	**33.512.10**
9.5 x 11.0	**33.512.11**
12.0 x 12.0	**33.512.12**
13.5 x 13.0	**33.512.13**
15.5 x 15.5	**33.512.15**
20.0 x 15.5	**33.512.20**



33.514.18 - 33.514.27

h x b cm

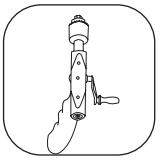
18 x 10	**33.514.18**
27 x 16	**33.514.27**



33.515.01



33.515.02





KIRSCHNER U.S.
33.518.01 - 33.518.03

size

small	**33.518.01**
large	**33.518.02**
extra large	**33.518.03**



33.519.01
small
33.519.02
large



33.522.01 - 33.522.03

size

small	**33.522.01**
medium	**33.522.02**
large	**33.522.03**



33.528.01
16 cm



33.529.45
L= 45 mm
33.529.70
L= 70 mm
23 cm

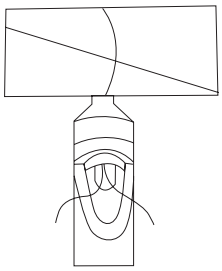


33.530.02 - 33.530.15

ø mm

0.2	**33.530.02**
0.3	**33.530.03**
0.4	**33.530.04**
0.5	**33.530.05**
0.6	**33.530.06**
0.7	**33.530.07**
0.8	**33.530.08**
0.9	**33.530.09**
1.0	**33.530.10**
1.1	**33.530.11**
1.2	**33.530.12**
1.5	**33.530.15**





LOUTE
33.531.21
21 cm



33.532.17
17 cm



grip
33.533.18
18 cm



33.534.15
15 cm



33.535.13
13 cm
33.535.18
18 cm



33.536.14
14 cm



33.536.19
19 cm



33.537.01
18 cm



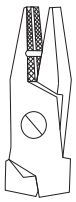
33.537.02 - 33.537.04

cm

18.0	**33.537.02**
18.0	**33.537.03**
14.5	**33.537.04**



33.538.01
17 cm
serrated jaws



33.538.02
17 cm
longitudinal and
transversal grooves



33.538.18
18 cm



33.539.18
18 cm



33.540.16
16 cm



33.541.22
22 cm



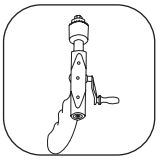
33.542.15
15 cm



33.544.14
14.5 cm



33.545.16 TC
16 cm





33.545.18 TC
18 cm



33.545.22 TC
22 cm



33.546.18
18 cm



REILL
33.547.17
17.5 cm



33.548.23 TC
23.5 cm



33.552.17 TC
17 cm



NIRO
33.554.15 TC
15 cm



33.556.47
47 cm



33.555.24
24 cm



JEWET
33.558.00
20 cm



33.560.24 - 33.560.64

ø mm

2.4	**33.560.24**
3.2	**33.560.32**
4.8	**33.560.48**
6.4	**33.560.64**



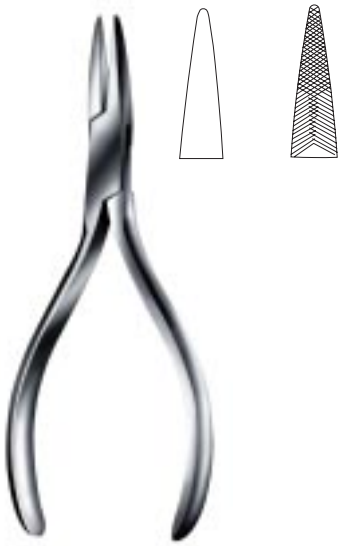
33.562.24 - 33.562.64

Ø mm

2.4	**33.562.24**
3.2	**33.562.32**
4.8	**33.562.48**
6.4	**33.562.64**



33.568.14
14 cm



33.569.14
14 cm



KUENTSCHER
33.571.26 - 33.572.26
26 cm

mm

8	**33.571.26**
10	**33.572.26**



KUENTSCHER
33.573.35
35 cm



ø mm	35 cm	46 cm	60 cm
2.5	33.581.35	33.581.46	
3.0	33.582.35	33.582.46	33.582.60
3.5	33.583.35	33.583.46	33.583.60
4.0	33.584.35	33.584.46	33.584.60
4.5	33.585.35	33.585.46	33.585.60



33.586.21
21 cm



KUENSTCHER
33.587.13 - 33.587.21

mm

12.7	33.587.13
17.0	33.587.17
21.0	33.587.21



KUENSTCHER
33.588.21
21 cm



KUENSTCHER
33.590.00
63 cm



33.590.01



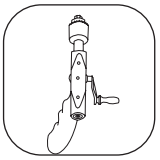
33.590.02



33.590.03



33.590.04





33.596.29 - 33.596.49

cm

29	**33.596.29**
37	**33.596.37**
42	**33.596.42**
49	**33.596.49**



33.598.30
30 cm



LLOYD
33.602.20
20 cm



33.608.80
ø 8 mm



WILIAMS
33.624.24
24 cm



33.628.15 - 33.628.35

mm

1.5	**33.628.15**
2.5	**33.628.25**
3.5	**33.628.35**



LANE
33.620.25
25 cm



33.630.25
ø 2.5 mm



LANE
33.632.25
25 cm



LANE
33.635.18
18 cm



LANE
33.637.23
23 cm





LANE
33.639.22
22 cm



LANE
33.640.18
18 cm



33.642.00
12 cm



33.643.01
14.5 cm



33.643.02
14.5 cm

33.645.00
24 cm



JEWETT
33.647.01
20 cm



JEWETT
33.647.02
20 cm



33.650.14
14 cm



33.653.25
22 cm



33.658.23
29 cm



33.670.00



33.674.09 - 33.676.08

holes	*mm*	
5	*90*	**33.674.09**
7	*120*	**33.674.12**
9	*150*	**33.674.15**
12	*200*	**33.674.20**
5	*60*	**33.676.06**
7	*85*	**33.676.08**



33.802.45
ø 4.5 mm
33.802.70
ø 7.0 mm



33.810.05
ø 5 mm



33.812.45
ø 4.5 mm
33.812.70
ø 7.0 mm



33.816.25 - 33.816.50

ø mm

2.5	**33.816.25**
3.5	**33.816.35**
5.0	**33.816.50**



33.820.00



33.820.11
ø 1 mm



33.822.20
ø 2.0 mm



33.824.32
ø 3.2 mm



33.826.45
ø 4.5 mm



33.827.00
14 cm



33.828.00
22 cm
33.828.01
extra large



33.829.01
22 cm



33.830.15 - 33.834.45

mm

1.5		**33.830.15**
2.0		**33.830.20**
2.7		**33.830.27**
3.5	*cortical*	**33.830.35**
4.5	*short*	**33.830.45**
2.0	*extra large*	**33.832.20**
2.7	*extra large*	**33.832.27**
4.5	*large*	**33.832.45**
4.5	*extra large*	**33.834.45**



33.839.09
8 cm



33.840.35
ø 3.5 mm
33.840.65
ø 6.5 mm



33.842.20 - 33.842.35

mm

2.0	**33.842.20**
2.7	**33.842.27**
3.5	**33.842.35**



33.864.00



33.866.00
8.5 cm



33.868.00
10.5 cm



33.870.15
ø 1.1 / 1.5 mm



33.872.20
ø 2 / 2 mm



33.874.27 - 33.875.35

mm/mm

2.7 / 2.0	**33.874.27**
3.5 / 2.0	**33.874.35**
4.5 / 3.2	**33.874.45**
3.5 / 2.7	**33.875.35**



33.880.35
ø 3.5 mm



33.880.45
ø 3.5 mm



33.881.35
ø 3.5 mm



33.881.45
15 cm



33.885.35
3.5 mm
33.885.65
6.5 mm



33.887.35
ø 3.0 / 3.5 mm



33.889.45
ø 4.5 mm



33.900.01
only
33.900.02
with 2 conectors



33.900.03 - 33.900.05

mm

300	**33.900.03**
400	**33.900.04**
500	**33.900.05**



33.900.11



33.900.21



33.900.99



Johann Wechtlin
1517

Amputation of a Leg (Serratura)

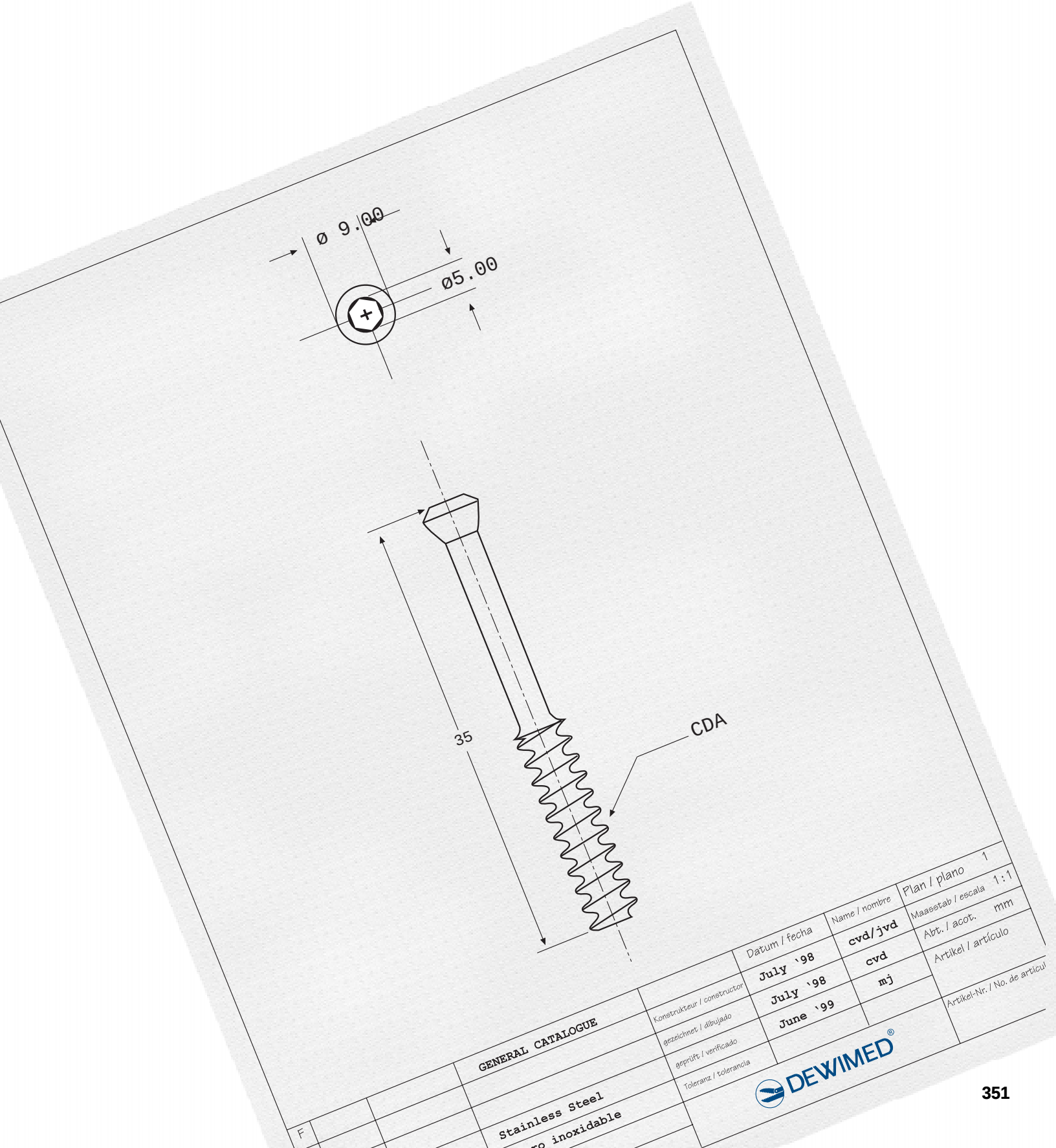
In this image the standing figure wears a moistened animal bladder over his arm stump and wears the Greek letter tau to indicate that he suffered from St. Anthony's fire.

Amputación de una pierna (Serratura)

En esta imagen la figura que está de pie trae una vejiga de un animal humedecida como vendaje sobre su muñon.
Con la letra griega tau manifiesta el sufrimiento que tuvo a causa del fuego de San Antonio.

Beinamputation (Serratura)

Die stehende Figur trägt auf dem Armstumpf eine angefeuchtete Blase von einem Tier, die als Verband dienen soll.
Mit dem griechischen Buchstaben tau wird darauf hingewiesen, dass der Träger an der St. Anthony's Krankheit, einem Wundbrand leidet.


Ø 9.00
Ø5.00
35
CDA
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de articul
DEWIMED®



36.002.00 - 36.006.43
intramedullary, pins, round, with hook

set complete ø mm	*pieces*	
2.4	*13*	**36.002.00**
3.2	*13*	**36.003.00**
4.8	*9*	**36.004.00**
6.4	*9*	**36.006.00**

mm	*ø 2.4 mm*
25	**36.002.25**
30	**36.002.30**
40	**36.002.40**
45	**36.002.45**
50	**36.002.50**
60	**36.002.60**
65	**36.002.65**
70	**36.002.70**
75	**36.002.75**
85	**36.002.85**
90	**36.002.90**
95	**36.002.95**
100	**36.002.99**

mm	*ø 3.2 mm*
100	**36.003.10**
120	**36.003.12**
130	**36.003.13**
140	**36.003.14**
150	**36.003.15**
160	**36.003.16**
180	**36.003.18**
190	**36.003.19**
200	**36.003.20**
210	**36.003.21**
230	**36.003.23**
240	**36.003.24**
250	**36.003.25**

mm	*ø 4.8 mm*
200	**36.004.20**
220	**36.004.22**
240	**36.004.24**
260	**36.004.26**
280	**36.004.28**
300	**36.004.30**
320	**36.004.32**
340	**36.004.34**
360	**36.004.36**

mm	*ø 6.4 mm*
280	**36.006.28**
290	**36.006.29**
320	**36.006.32**
340	**36.006.34**
360	**36.006.36**
370	**36.006.37**
390	**36.006.39**
410	**36.006.41**
430	**36.006.43**



KUENTSCHER

36.016.14 - 37.026.48

intramedullary nails, femur

mm	*ø 6 mm*	*ø 7 mm*	*ø 8 mm*	*ø 9 mm*	*ø 10 mm*	*ø 11 mm*	*ø 12 mm*	*ø 13 mm*	*ø 14 mm*	*ø 15 mm*	*ø 16 mm*
140	**36.016.14**	**36.017.14**									
160	**36.016.16**	**36.017.16**									
180	**36.016.18**	**36.017.18**									
200	**36.016.20**	**36.017.20**									
220	**36.016.22**	**36.017.22**									
240	**36.016.24**	**36.017.24**	**36.018.24**								
260	**36.016.26**	**36.017.26**	**36.018.26**								
280	**36.016.28**	**36.017.28**	**36.018.28**								
300	**36.016.30**	**36.017.30**	**36.018.30**	**36.019.30**	**36.020.30**	**36.021.30**					
320	**36.016.32**	**36.017.32**	**36.018.32**	**36.019.32**	**36.020.32**	**36.021.32**					
340	**36.016.34**	**36.017.34**	**36.018.34**	**36.019.34**	**36.020.34**	**36.021.34**	**36.022.34**	**36.023.34**	**36.024.34**		
350					**36.020.35**		**36.022.35**	**36.023.35**			
360	**36.016.36**	**36.017.36**	**36.018.36**	**36.019.36**	**36.020.36**	**36.021.36**	**36.022.36**	**36.023.36**	**36.024.36**	**36.025.36**	**36.026.36**
370					**36.020.37**	**36.021.37**	**36.022.37**	**36.023.37**			
380		**36.017.38**	**36.018.38**	**36.019.38**	**36.020.38**	**36.021.38**	**36.022.38**	**36.023.38**	**36.024.38**	**36.025.38**	**36.026.38**
390					**36.020.39**	**36.021.39**	**36.022.39**	**36.023.39**	**36.024.39**		
400		**36.017.40**	**36.018.40**	**36.019.40**	**36.020.40**	**36.021.40**	**36.022.40**	**36.023.40**	**36.024.40**	**36.025.40**	**36.026.40**
410					**36.020.41**	**36.021.41**	**36.022.41**	**36.023.41**			
420		**36.017.42**	**36.018.42**	**36.019.42**	**36.020.42**	**36.021.42**	**36.022.42**	**36.023.42**	**36.024.42**	**36.025.42**	**36.026.42**
430						**36.021.43**		**36.023.43**			
440		**36.017.44**	**36.018.44**	**36.019.44**	**36.020.44**	**36.021.44**	**36.022.44**	**36.023.44**	**36.024.44**	**36.025.44**	**36.026.44**
460		**36.017.46**	**36.018.46**	**36.019.46**	**36.020.46**	**36.021.46**	**36.022.46**	**36.023.46**	**36.024.46**	**36.025.46**	**36.026.46**
480		**36.017.48**	**36.018.48**	**36.019.48**	**36.020.48**	**36.021.48**	**36.022.48**	**36.023.48**	**36.024.48**	**36.025.48**	**36.026.48**
500		**36.017.50**	**36.018.50**	**36.019.50**	**36.020.50**	**36.021.50**	**36.022.50**	**36.023.50**	**36.024.50**		
520				**36.019.52**	**36.020.52**	**36.021.52**	**36.022.52**	**36.023.52**	**36.024.52**		



KUENTSCHER
36.036.18 - 36.044.40
intramedullary nails for Tibia and Humerus

mm	*ø 6 mm*	*ø 7 mm*	*ø 8 mm*	*ø 9 mm*	*ø 10 mm*	*ø 11 mm*	*ø 12 mm*	*ø 13 mm*	*ø 14 mm*
180	**36.036.18**	**36.037.18**	**36.038.18**	**36.039.18**	**36.040.18**	**36.041.18**			
190		**36.037.19**	**36.038.19**	**36.039.19**	**36.040.19**	**36.041.19**			
200	**36.036.20**	**36.037.20**	**36.038.20**	**36.039.20**	**36.040.20**	**36.041.20**			
210		**36.037.21**	**36.038.21**	**36.039.21**	**36.040.21**	**36.041.21**			
220	**36.036.22**	**36.037.22**	**36.038.22**	**36.039.22**	**36.040.22**	**36.041.22**			
230		**36.037.23**	**36.038.23**	**36.039.23**	**36.040.23**	**36.041.23**			
240	**36.036.24**	**36.037.24**	**36.038.24**	**36.039.24**	**36.040.24**	**36.041.24**	**36.042.24**		
250		**36.037.25**	**36.038.25**	**36.039.25**	**36.040.25**	**36.041.25**	**36.042.25**		
260	**36.036.26**	**36.037.26**	**36.038.26**	**36.039.26**	**36.040.26**	**36.041.26**	**36.042.26**		
270		**36.037.27**	**36.038.27**	**36.039.27**	**36.040.27**	**36.041.27**	**36.042.27**	**36.043.27**	
280	**36.036.28**	**36.037.28**	**36.038.28**	**36.039.28**	**36.040.28**	**36.041.28**	**36.042.28**	**36.043.28**	**36.044.28**
290		**36.037.29**	**36.038.29**	**36.039.29**	**36.040.29**	**36.041.29**	**36.042.29**	**36.043.29**	**36.044.29**
300	**36.036.30**	**36.037.30**	**36.038.30**	**36.039.30**	**36.040.30**	**36.041.30**	**36.042.30**	**36.043.30**	**36.044.30**
310		**36.037.31**	**36.038.31**	**36.039.31**	**36.040.31**	**36.041.31**	**36.042.31**	**36.043.31**	**36.044.31**
320		**36.037.32**	**36.038.32**	**36.039.32**	**36.040.32**	**36.041.32**	**36.042.32**	**36.043.32**	**36.044.32**
330		**36.037.33**	**36.038.33**	**36.039.33**	**36.040.33**	**36.041.33**	**36.042.33**	**36.043.33**	**36.044.33**
340		**36.037.34**	**36.038.34**	**36.039.34**	**36.040.34**	**36.041.34**	**36.042.34**	**36.043.34**	**36.044.34**
350		**36.037.35**	**36.038.35**	**36.039.35**	**36.040.35**	**36.041.35**	**36.042.35**	**36.043.35**	**36.044.35**
360		**36.037.36**	**36.038.36**	**36.039.36**	**36.040.36**	**36.041.36**	**36.042.36**	**36.043.36**	**36.044.36**
370		**36.037.37**	**36.038.37**	**36.039.37**	**36.040.37**	**36.041.37**	**36.042.37**	**36.043.37**	**36.044.37**
380		**36.037.38**	**36.038.38**	**36.039.38**	**36.040.38**	**36.041.38**	**36.042.38**	**36.043.38**	**36.044.38**
390			**36.038.39**	**36.039.39**	**36.040.39**	**36.041.39**	**36.042.39**	**36.043.39**	**36.044.39**
400			**36.038.40**	**36.039.40**	**36.040.40**	**36.041.40**	**36.042.40**	**36.043.40**	**36.044.40**



36.049.01



36.049.02



SMITH PETERSEN
36.050.60 - 36.05170

mm	
60	36.050.60
65	36.050.65
70	36.050.70
75	36.050.75
80	36.050.80
85	36.050.85
90	36.050.90
95	36.050.95
100	36.051.00
105	36.051.05
110	36.051.10
115	36.051.15
120	36.051.20
125	36.051.25
130	36.051.30
135	36.051.35
140	36.051.40
145	36.051.45
150	36.051.50
160	36.051.60
170	36.051.70



BOEHLER
36.060.80 - 36.061.50

mm	
80	36.060.80
85	36.060.85
90	36.060.90
95	36.060.95
100	36.061.00
105	36.061.05
110	36.061.10
115	36.061.15
120	36.061.20
130	36.061.30
140	36.061.40
150	36.061.50



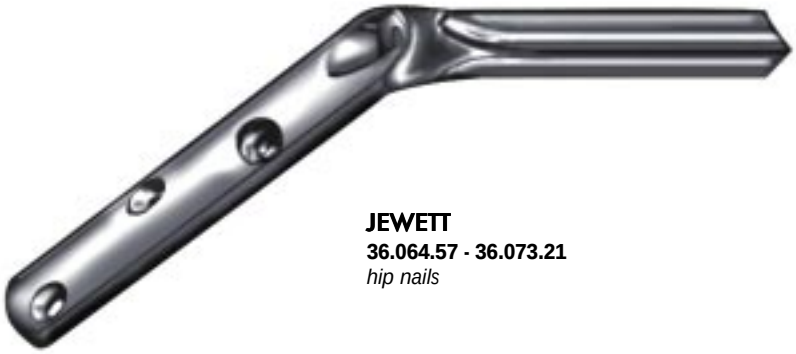
holes	
3	36.062.03
5	36.062.05
7	36.062.07
12	36.062.12

McLAUGHLIN
36.062.03 - 36.062.12



holes	
3	36.063.03
4	36.063.04
5	36.063.05
6	36.063.06
7	36.063.07

SMITH PETERSEN
36.063.03 - 36.063.07



JEWETT
36.064.57 - 36.073.21
hip nails

90 mm large
3 holes
mm

57	**36.064.57**
63	**36.064.63**
70	**36.064.70**
76	**36.064.76**
82	**36.064.82**
89	**36.064.89**
95	**36.064.95**
102	**36.065.02**
108	**36.065.08**
114	**36.065.14**
121	**36.065.21**

130 mm large
5 holes
mm

57	**36.066.57**
63	**36.066.63**
70	**36.066.70**
76	**36.066.76**
82	**36.066. 82**
89	**36.066.89**
95	**39.066.95**
102	**36.067.02**
108	**36.067.08**
114	**36.067.14**
121	**36.067.21**

165 mm large
7 holes
mm

57	**36.068.57**
63	**36.068.63**
70	**38.068.70**
76	**36.068.76**
82	**36.068.82**
89	**36.068.89**
95	**36.068.95**
102	**36.069.02**
108	**36.069.08**
114	**36.069.14**
121	**36.069.21**

220 mm large
10 holes
mm

57	**36.070.57**
63	**36.070.63**
70	**36.070.70**
76	**36.070.76**
82	**36.070.82**
89	**36.070.89**
95	**36.070.95**
102	**36.071.02**
108	**36.071.08**
114	**36.071.14**
121	**36.071.21**

260 mm large
12 holes
mm

57	**36.072.57**
63	**36.072.63**
70	**36.072.70**
76	**36.072.76**
82	**36.072.82**
89	**36.072.89**
95	**36.072.95**
102	**36.073.02**
108	**36.073.08**
114	**36.073.14**
121	**36.073.21**





36.080.04 - 36.087.12
dynamic hip screws and plates

135˚ holes	*rounds holes*	*sliding holes*
2	**36.080.02**	**36.084.02**
4	**36.080.04**	**36.084.04**
5	**36.080.05**	**36.084.05**
6	**36.080.06**	**36.084.06**
8	**36.080.08**	**36.084.08**
10	**36.080.10**	**36.084.10**
12	**36.080.12**	**36.084.12**
14	**36.080.14**	**36.084.14**
16	**36.080.16**	**36.084.16**

140˚ holes	*rounds holes*	*sliding holes*
4	**36.081.04**	**36.085.04**
5	**36.081.05**	**36.085.05**
6	**36.081.06**	**36.085.06**

145˚ holes	*rounds holes*	*sliding holes*
4	**36.082.04**	**36.086.04**
5	**36.082.05**	**36.086.05**
6	**36.082.06**	**36.086.06**

150˚ holes	*rounds holes*	*sliding holes*
2	**36.083.02**	**36.087.02**
4	**36.083.04**	**36.087.04**
5	**36.083.05**	**36.087.05**
6	**36.083.06**	**36.087.06**
8	**36.083.08**	**36.087.08**
10	**36.083.10**	**36.087.10**
12	**36.083.12**	**36.087.12**



36.088.50 - 36.089.45

mm	
50	**36.088.50**
55	**36.088.55**
60	**36.088.60**
65	**36.088.65**
70	**36.088.70**
75	**36.088.75**
80	**36.088.80**
85	**36.088.85**
90	**36.088.90**
95	**36.088.95**
100	**36.089.00**
105	**36.089.05**
110	**36.089.10**
115	**36.089.15**
120	**36.089.20**
125	**36.089.25**
130	**36.089.30**
135	**36.089.35**
140	**36.089.40**
145	**36.089.45**

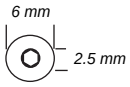


36.090.36
36 mm



PALMER
36.094.15 - 36.094.70

mm	1.5 mm
15	**36.094.15**
20	**36.094.20**
25	**36.094.25**
30	**36.094.30**
35	**36.094.35**
40	**36.094.40**
45	**36.094.45**
50	**36.094.50**
55	**36.094.55**
60	**36.094.60**
65	**36.094.65**
70	**36.094.70**

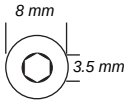




cannulated screw

mm	Navicular ø / 4.0 mm
10	**36.107.10**
12	**36.107.12**
14	**36.107.14**
16	**36.107.16**
18	**36.107.18**
20	**36.107.20**
22	**36.107.22**
24	**36.107.24**
26	**36.107.26**
28	**36.107.28**
30	**36.107.30**







cannulated screw

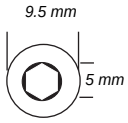
Malleolar
ø 4.5 mm

mm	
25	**36.115.25**
30	**36.115.30**
35	**36.115.35**
40	**36.115.40**
45	**36.115.45**
50	**36.115.50**
55	**36.115.55**



washer for cannulated

mm	
8	**36.120.08**
7	**36.120.13**
7	**36.120.16**
7	**36.120.19**

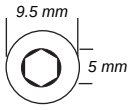




cannulated screw

thread=16
ø 7 mm

mm	
25	**36.116.25**
30	**36.116.30**
35	**36.116.35**
40	**36.116.40**
45	**36.116.45**
50	**36.116.50**
55	**36.116.55**
60	**36.116.60**
65	**36.116.65**
70	**36.116.70**
75	**36.116.75**
80	**36.116.80**
85	**36.116.85**
90	**36.116.90**
95	**36.116.95**
100	**36.117.00**
105	**36.117.05**
110	**36.117.10**
115	**36.117.15**
120	**36.117.20**





cannulated screw

thread=32
ø 7 mm

mm	
35	**36.118.35**
40	**36.118.40**
45	**36.118.45**
50	**36.118.50**
55	**36.118.55**
60	**36.118.60**
65	**36.118.65**
70	**36.118.70**
75	**36.118.75**
80	**36.118.80**
85	**36.118.85**
90	**36.118.90**
95	**36.118.95**
100	**36.119.00**
105	**36.119.05**
110	**36.119.10**
115	**36.119.15**
120	**36.119.20**



Corticalis mini

mm	1.5 mm
6	**36.200.06**
7	**36.200.07**
8	**36.200.08**
9	**36.200.09**
10	**36.200.10**
11	**36.200.11**
12	**36.200.12**
14	**36.200.14**
16	**36.200.16**



Corticalis mini
DIN 58812
ISO 5835/1

mm	2.0 mm
6	**36.201.06**
8	**36.201.08**
10	**36.201.10**
12	**36.201.12**
14	**36.201.14**
16	**36.201.16**
18	**36.201.18**
20	**36.201.20**



Corticalis small
DIN 58812
ISO 5835/1

mm	2.7 mm
6	**36.202.06**
8	**36.202.08**
10	**36.202.10**
12	**36.202.12**
14	**36.202.14**
16	**36.202.16**
18	**36.202.18**
20	**36.202.20**
22	**36.202.22**
24	**36.202.24**
26	**36.202.26**
28	**36.202.28**
32	**36.202.32**



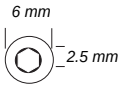
Corticalis small
DIN 58812
ISO 5835/1

mm	3.5 mm
10	**36.204.10**
12	**36.204.12**
14	**36.204.14**
16	**36.204.16**
18	**36.204.18**
20	**36.204.20**
22	**36.204.22**
24	**36.204.24**
26	**36.204.26**
28	**36.204.28**
30	**36.204.30**
32	**36.204.32**
36	**36.204.36**
40	**36.204.40**
45	**36.204.45**
50	**36.204.50**



36.209.97
washer
7 mm

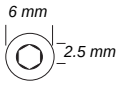






Cancellous small
DIN 58815
ISO 5835/1

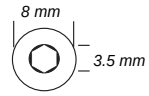
mm	*3.5 mm*
10	**36.206.10**
12	**36.206.12**
14	**36.206.14**
16	**36.206.16**
18	**36.206.18**
20	**36.206.20**
22	**36.206.22**
24	**36.206.24**
26	**36.206.26**
28	**36.206.28**
30	**36.206.30**
32	**36.206.32**
36	**36.206.36**
40	**36.206.40**
45	**36.206.45**
50	**36.206.50**
55	**36.206.55**
60	**36.206.60**





Cancellous small
DIN 58815
ISO 5835/1

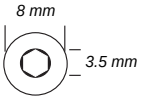
mm / mm	*4.0 mm*
10 / 5	**36.207.10**
12 / 5	**36.207.12**
14 / 5	**36.207.14**
16 / 6	**36.207.16**
18 / 7	**36.207.18**
20 / 8	**36.207.20**
22 / 9	**36.207.22**
24 / 10	**36.207.24**
26 / 12	**36.207.26**
28 / 14	**36.207.28**
30 / 14	**36.207.30**
35 / 14	**36.207.35**
40 / 14	**36.207.40**
45 / 15	**36.207.45**
50 / 15	**36.207.50**





Corticalis

mm	*4.5 mm*
14	**36.214.14**
16	**36.214.16**
18	**36.214.18**
20	**36.214.20**
22	**36.214.22**
24	**36.214.24**
26	**36.214.26**
28	**36.214.28**
30	**36.214.30**
32	**36.214.32**
34	**36.214.34**
36	**36.214.36**
38	**36.214.38**
40	**36.214.40**
42	**36.214.42**
44	**36.214.44**
46	**36.214.46**
48	**36.214.48**
50	**36.214.50**
52	**36.214.52**
56	**36.214.56**
60	**36.214.60**
64	**36.214.64**
70	**36.214.70**

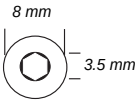




mm / mm	4.5 mm
25 / 12	**36.215.25**
30 / 15	**36.215.30**
35 / 18	**36.215.35**
40 / 20	**36.215.40**
45 / 22	**36.215.45**
50 / 24	**36.215.50**
55 / 26	**36.215.55**
60 / 28	**36.215.60**
65 / 30	**36.215.65**
70 / 32	**36.215.70**



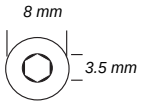
36.219.96
nut
4.5/11 mm





large screw
DIN 58815
ISO 5835/1

mm	thread=16 6.5 mm
30	**36.216.30**
35	**36.216.35**
40	**36.216.40**
45	**36.216.45**
50	**36.216.50**
55	**36.216.55**
60	**36.216.60**
65	**36.216.65**
70	**36.216.70**
75	**36.216.75**
80	**36.216.80**
85	**36.216.85**
90	**36.216.90**
95	**36.216.95**
100	**36.216.00**
105	**36.216.05**
110	**36.216.10**





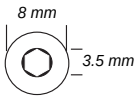
large screw
DIN 58815
ISO 5835/1

mm	thread=32 6.5 mm
45	**36.217.45**
50	**36.217.50**
55	**36.217.55**
60	**36.217.60**
65	**36.217.65**
70	**36.217.70**
75	**36.217.75**
80	**36.217.80**
85	**36.217.85**
90	**36.217.90**
95	**36.217.95**
100	**36.217.00**
105	**36.217.05**
110	**36.217.10**



washer for cannulated
mm

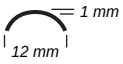
7	**36.219.98**
11	**36.219.97**
13	**36.219.99**





mm	complete thread 6.5 mm
25	**36.218.25**
30	**36.218.30**
35	**36.218.35**
40	**36.218.40**
45	**36.218.45**
50	**36.218.50**
55	**36.218.55**
60	**36.218.60**
65	**36.218.65**
70	**36.218.70**
75	**36.218.75**
80	**36.218.80**
85	**36.218.85**
90	**36.218.90**
95	**36.218.95**
100	**36.218.00**
105	**36.218.05**
110	**36.218.10**

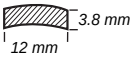






36.222.02 - 36.022.12
1/2 tubular plates
round holes

mm	*holes*	
39	*2*	**36.222.02**
55	*3*	**36.222.03**
71	*4*	**36.222.04**
87	*5*	**36.222.05**
103	*6*	**36.222.06**
119	*7*	**36.222.07**
135	*8*	**36.222.08**
151	*9*	**36.222.09**
167	*10*	**36.222.10**
183	*11*	**36.222.11**
199	*12*	**36.222.12**





36.223.02 - 36.223.16
narrow plates
round holes



36.224.02 - 36.224.16
narrow plates
gliding holes

mm	*holes*	*rounds holes*	*gliding holes*
39	*2*	**36.223.02**	**36.224.02**
55	*3*	**36.223.03**	**36.224.03**
71	*4*	**36.223.04**	**36.224.04**
87	*5*	**36.223.05**	**36.224.05**
103	*6*	**36.223.06**	**36.224.06**
119	*7*	**36.223.07**	**36.224.07**
135	*8*	**36.223.08**	**36.224.08**
151	*9*	**36.223.09**	**36.224.09**
167	*10*	**36.223.10**	**36.224.10**
183	*11*	**36.223.11**	**36.224.11**
199	*12*	**36.223.12**	**36.224.12**
215	*13*	**36.223.13**	**36.224.13**
231	*14*	**36.223.14**	**36.224.14**
247	*15*	**36.223.15**	**36.224.15**
263	*16*	**36.223.16**	**36.224.16**



36.225.06 - 36.225.18
broad plates
round holes



36.226.05 - 36.225.18
broad plates
gliding holes



36.231.20 - 36.237.96
condylar plates 95°



92 mm/mm	*round holes*	*gliding holes*
50	**36.231.20**	**36.237.20**
60	**36.231.22**	**36.237.22**
70	**36.231.24**	**36.237.24**
80	**36.231.26**	**36.237.26**

124 mm/mm	*round holes*	*gliding holes*
50	**36.231.50**	**36.237.50**
60	**36.231.52**	**36.237.52**
70	**36.231.54**	**36.237.54**
80	**36.231.56**	**36.237.56**

156 mm/mm	*round holes*	*gliding holes*
50	**36.231.70**	**36.237.70**
60	**36.231.72**	**36.237.72**
70	**36.231.74**	**36.237.74**
80	**36.231.76**	**36.237.76**

204 mm/mm	*round holes*	*gliding holes*
50	**36.231.90**	**36.237.90**
60	**36.231.92**	**36.237.92**
70	**36.231.94**	**36.237.94**
80	**36.231.96**	**36.237.96**

mm	*holes*	*rounds holes*	*gliding holes*
87			**36.226.05**
103	*6*	**36.225.06**	**36.226.06**
119	*7*	**36.225.07**	**36.226.07**
135	*8*	**36.225.08**	**36.226.08**
151	*9*	**36.225.09**	**36.226.09**
167	*10*	**36.225.10**	**36.226.10**
199	*12*	**36.225.12**	**36.226.12**
231	*14*	**36.225.14**	**36.226.14**
263	*16*	**36.225.16**	**36.226.16**
295	*18*	**36.225.18**	**36.226.18**





36.233.36 - 36.238.98
angular plates 130˚

60 mm/mm	*round holes*	*gliding holes*
50	**36.233.36**	**36.238.36**
60	**36.233.38**	**36.228.38**
70	**36.233.44**	**36.238.44**
75	**36.233.45**	**36.238.45**
80	**36.233.46**	**36.238.46**
85	**36.233.47**	**36.238.47**
90	**36.233.48**	**36.238.48**
95	**36.233.49**	**36.238.49**
100	**36.233.40**	**36.238.40**
105	**36.233.41**	**36.238.41**
110	**36.233.42**	**36.238.42**

104 mm/mm	*round holes*	*gliding holes*
50	**36.233.60**	**36.238.60**
60	**36.233.62**	**36.238.62**
70	**36.233.64**	**36.238.64**
80	**36.233.66**	**36.238.66**
90	**36.233.68**	**36.238.68**

152mm/mm	*round holes*	*gliding holes*
70	**36.233.94**	**36.238.94**
80	**36.233.96**	**36.238.96**
90	**36.233.98**	**36.238.98**

200 mm/mm	*round holes*	*gliding holes*
70	**36.233.24**	**36.238.24**
80	**36.233.26**	**36.238.26**
90	**36.233.28**	**36.238.28**



36.239.70 - 39.240.10
plates with round holes 130˚

1 hole	
70	**36.239.70**
75	**36.239.75**
80	**36.239.80**
85	**36.239.85**
90	**36.239.90**
95	**36.239.95**
100	**36.240.00**
105	**36.240.05**
110	**36.240.10**



36.241.02 - 36.241.08
1/3 tubular plates

mm	*holes*	
25	*2*	**36.241.02**
37	*3*	**36.241.03**
49	*4*	**36.241.04**
61	*5*	**36.241.05**
73	*6*	**36.241.06**
85	*7*	**36.241.07**
97	*8*	**36.241.08**



36.242.13 - 36.242.18
1/4 tubular plates

mm	*holes*	
23	*3*	**36.242.13**
31	*4*	**36.242.14**
39	*5*	**36.242.15**
47	*6*	**36.242.16**
55	*7*	**36.242.17**
63	*8*	**36.242.18**



36.242.31



36.242.32



36.242.33



36.242.34



36.242.41



36.243.13 - 36.243.16
straigth mini plates



36.243.31



36.243.32



36.243.33



36.243.34



36.243.41

mm	*holes*	
17	*3*	**36.243.13**
23	*4*	**36.243.14**
29	*5*	**36.243.15**
35	*6*	**36.243.16**



36.244.02 - 36.244.22
small fragment plates

mm	*holes*	
20	*2*	**36.244.02**
36	*4*	**36.244.04**
44	*5*	**36.244.05**
52	*6*	**36.244.06**
60	*7*	**36.244.07**
68	*8*	**36.244.08**
76	*9*	**36.244.09**
84	*10*	**36.244.10**
100	*12*	**36.244.12**
26	*2*	**36.244.22**



36.248.02 - 36.248.12
small fragment plates

mm	*holes*	
25	*2*	**36.248.02**
37	*3*	**36.248.03**
49	*4*	**36.248.04**
61	*5*	**36.248.05**
73	*6*	**36.248.06**
85	*7*	**36.248.07**
97	*8*	**36.248.08**
121	*10*	**36.248.10**
145	*12*	**36.248.12**



36.251.00



36.251.10



36.252.01



36.252.02



36.252.03



36.252.04



36.252.05



36.252.06



36.252.65



36.252.07



36.252.08



36.252.10



36.252.11



36.252.12



SHERMAN
36.251.00 - 36.252.65
bone plates and bone screws



SHERMAN
36.256.10 - 36.256.99
ø 4 mm

mm

10	**36.256.10**
13	**36.256.13**
16	**36.256.16**
19	**36.256.19**
22	**36.256.22**
25	**36.256.25**
29	**36.256.29**
31	**36.256.32**
35	**36.256.35**
38	**36.256.38**
41	**36.256.41**
45	**36.256.45**
50	**36.256.50**
57	**36.256.57**
63	**36.256.63**
75	**36.256.75**
89	**36.256.89**
99	**36.256.99**



36.340.39 - 36.340.78

T plates

mm	*holes*	
39	*3 x 3*	**36.340.39**
47	*3 x 5*	**36.340.47**
56	*4 x 4*	**36.340.56**
78	*4 x 6*	**36.340.78**



T plates

mm	*holes*	
39	*3 x 3*	**36.341.39**
47	*3 x 5*	**36.341.47**



36.345.45



36.363.65 - 36.365.85

angular plates 110˚

mm	*round holes*	*compresion*
65	**36.363.65**	**36.373.65**
75	**36.363.75**	**36.373.75**
85	**36.363.85**	**36.373.85**

angular plates 120˚

mm	*round holes*	*compresion*
65	**36.365.65**	**36.375.65**
75	**36.365.75**	**36.375.75**
85	**36.365.85**	**36.375.85**

angular plates 130˚

mm	*round holes*	*compresion*
65	**36.367.65**	**36.377.65**
70	**36.367.70**	**36.377.70**
75	**36.367.75**	**36.377.75**
80	**36.367.80**	**36.377.80**
85	**36.367.85**	**36.377.85**
90	**36.367.90**	**36.377.90**
95	**36.367.96**	**36.377.96**
100	**36.368.00**	**36.378.00**
105	**36.368.05**	**36.378.05**
110	**36.368.70**	**36.378.70**





36.408.40 - 36.419.60
plates 90˚

mm / mm	*rounds holes*	*gliding holes*
10 / 40	**36.408.40**	**36.418.40**
15 / 50	**36.408.50**	**36.418.50**
15 / 60	**36.408.60**	**36.418.60**
15 / 60	**36.409.60**	**36.419.60**



36.410.60 - 36.420.60
plates 100˚

mm / mm	*holes*	
10 / 60	*round*	**36.410.60**
10 / 60	*gliding*	**36.420.60**



36.434.35 - 36.434.45
plates 90˚ children

mm / mm	*gliding holes*
8 / 35	**36.434.35**
8 / 45	**36.434.45**



36.436.25 - 36.438.22
plates 90˚ baby

mm / mm	*gliding holes*
7 / 25	**36.436.25**
7 / 32	**36.436.32**
12 / 25	**36.438.25**
12 / 32	**36.438.32**



36.440.40 - 36.441.50
plates 90˚ adult

mm / mm	*gliding holes*
10 / 40	**36.440.40**
10 / 50	**36.440.50**
15 / 40	**36.441.40**
14 / 50	**36.441.50**



36.445.08 - 36.445.11
cobra plates

mm	*holes*	
170	*8*	**36.445.08**
186	*9*	**36.445.09**
202	*10*	**36.445.10**
218	*11*	**36.445.11**



36.445.08 - 36.445.11

condylar plate s.o.s. right

mm	*holes*	
160	*7*	**36.447.07**
192	*9*	**36.447.09**

condylar plates s.o.s. left

mm	*holes*	
160	*7*	**36.449.07**
192	*9*	**36.449.09**



36.510.05 - 36.512.06
spoon plates

mm	*holes*	
100	*5*	**36.510.05**
120	*6*	**36.512.06**



36.516.03 - 36.516.08
T plates

mm	*holes*	
68	*3*	**36.516.03**
84	*4*	**36.516.04**
110	*5*	**36.516.05**
116	*6*	**36.516.06**
148	*8*	**36.516.08**



36.520.03 - 36.520.04
croverleaf plates

mm	*holes*	
88	*3*	**36.520.03**
104	*4*	**36.520.04**



36.526.04 - 36.526.05
T buttres plates

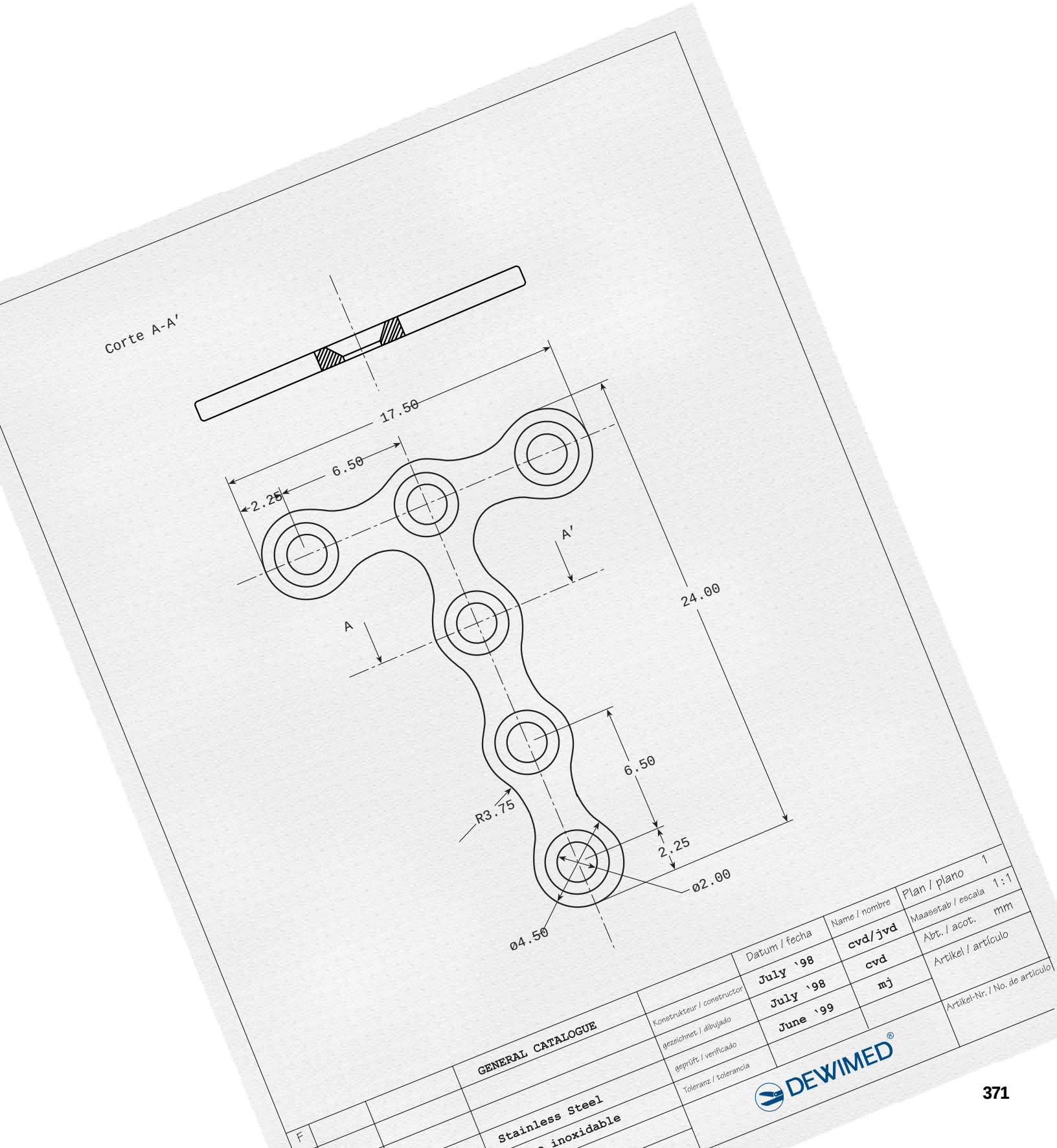
mm	*holes*	
80	*4*	**36.526.04**
96	*6*	**36.526.05**
112	*6*	**36.526.06**

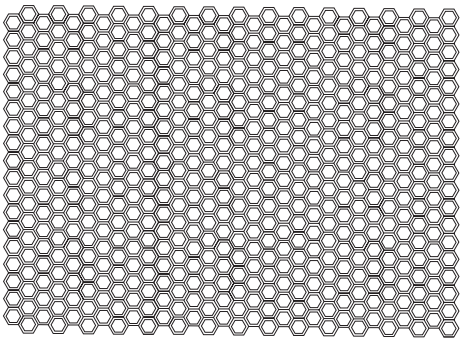


36.529.01
L buttress plates
87 mm
4 holes



36.529.02
L buttress plates
87 mm
4 holes


Corte A-A'
17.50
6.50
2.25
A'
A
24.00
6.50
R3.75
2.25
ø2.00
ø4.50
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



mesh
37.001.10 - 37.001.50

thickness	*mm*	
0.1	*50 x 30*	**37.001.10**
0.1	*100 x 60*	**37.001.12**
0.1	*100 x 30*	**37.001.14**
0.1	*50 x 60*	**37.001.16**
0.1	*120 x 120*	**37.001.18**
0.2	*50 x 30*	**37.001.20**
0.2	*100 x 60*	**37.001.22**
0.2	*100 x 30*	**37.001.24**
0.2	*50 x 60*	**37.001.26**
0.2	*120 x 120*	**37.001.50**

System micro 1.0 mm

all implants are made of Titanium



holes	*left*	*right*
5	**37.100.15**	**37.111.15**
8	**37.114.18**	**37.115.18**



holes	
5	**37.120.05**
7	**37.122.07**



37.127.06



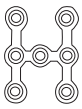
holes	
6	**37.130.06**
7	**37.130.07**



holes	
4	**37.100.04**
6	**37.100.06**
8	**37.100.08**
12	**37.100.12**
16	**37.100.16**
24	**37.100.24**

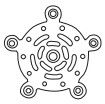


37.135.08



holes

7	**37.138.07**
9	**37.138.09**
12	**37.138.12**
14	**37.138.14**



holes	mm	
5	12	**37.150.12**
5	15	**37.150.15**
5	18	**37.150.18**
5	20	**37.150.20**



ø / mm

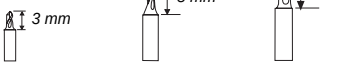
1 x 3	**37.090.03**
1 x 4	**37.090.04**
1 x 5	**37.090.05**
1 x 6	**37.090.06**
1 x 7	**37.090.07**



emergency

ø / mm

1.2 x 3	**37.091.03**
1.2 x 5	**37.091.05**



mm				
zyl	0.7 x 50	**37.010.03**	**37.010.05**	**37.010.07**
stry	0.7 x 50	**37.010.13**	**37.010.15**	**37.010.17**

System micro 1.2 mm

all implants are made of Titanium



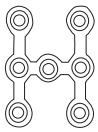
holes	
4	37.300.04
6	37.300.06
8	37.300.08
12	37.300.12
16	37.300.16
24	37.300.24



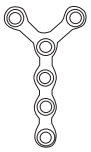
holes	left	rigth
5	37.300.15	37.311.15
8	37.314.18	37.315.18



holes	
5	37.320.05
7	37.322.07



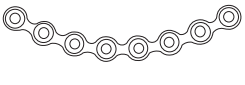
holes	
14	37.322.14
7	37.322.27
9	37.322.29



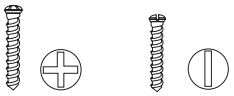
37.327.06



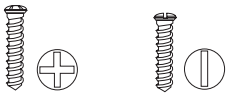
holes	
6	37.330.06
7	37.330.07



37.335.08



ø / mm		
1.2 x 2	37.210.02	37.210.22
1.2 x 3	37.210.03	37.210.23
1.2 x 4	37.210.04	37.210.24
1.2 x 5	37.210.05	37.210.25
1.2 x 6	37.210.06	37.210.26
1.2 x 7	37.210.07	37.210.27
1.2 x 8	37.210.08	37.210.28
1.2 x 9	37.210.09	37.210.29
1.2 x 10	37.210.10	37.210.30
1.2 x 11	37.210.11	37.210.31
1.2 x 12	37.210.12	37.210.32



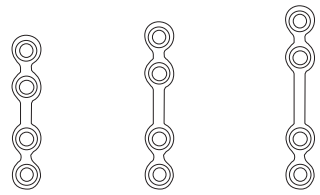
ø / mm	emergency	
1.4 x 3	37.211.03	37.211.33
1.4 x 5	37.211.05	37.211.35
1.4 x 7	37.211.07	37.211.37
1.4 x 9	37.211.09	37.211.39
1.4 x 11	37.211.11	37.211.31

System medium 1.5 mm

all implants are made of Titanium



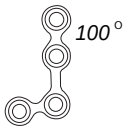
holes	
2	**37.500.02**
4	**37.500.04**
6	**37.500.06**
8	**37.500.08**
16	**37.500.16**
30	**37.500.30**



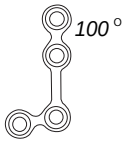
holes	short	medium	large
4	**37.510.04**	**37.511.04**	**37.512.04**
6	**37.510.06**	**37.511.06**	**37.512.06**



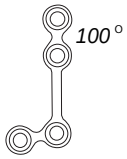
holes	left	right
4	**37.500.14**	**37.502.14**
5	**37.500.15**	**37.505.15**



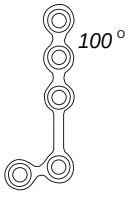
holes	left	right
4	**37.501.14**	**37.503.14**
6	**37.510.16**	**37.511.16**



holes	left	right
4	**37.505.14**	**37.507.14**
6	**37.512.16**	**37.513.16**



size	holes	left	right
short	4	**37.509.14**	**37.511.14**
large	4	**37.513.14**	**37.515.14**



holes	left	right
5	**37.510.15**	**37.511.15**
6	**37.514.16**	**37.515.16**



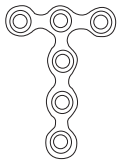
37.506.14
left
37.508.14
right



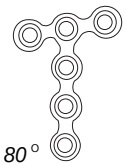
37.510.14
left
37.512.14
right



37.514.14
left
37.516.14
right



37.520.06



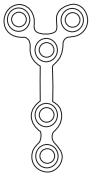
37.521.06



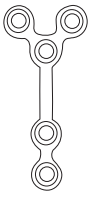
37.522.06



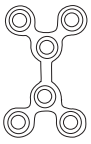
37.527.05



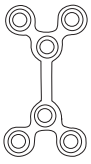
37.525.06



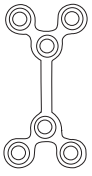
37.527.06



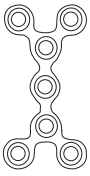
37.530.06



37.531.06



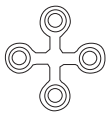
37.532.06



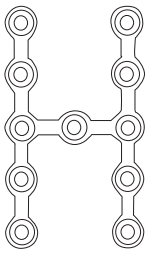
37.532.07



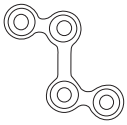
holes		*medium*
4	**37.535.04**	**37.535.05**
6	**37.535.06**	**37.535.07**
8	**37.535.08**	
10	**37.535.10**	



37.538.04



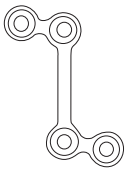
37.538.12



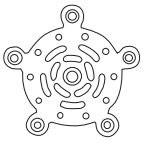
37.541.04
right
37.540.04
left



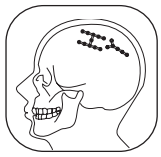
37.543.04
right
37.542.04
left

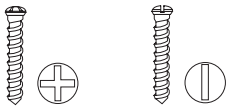


37.545.04
right
37.544.04
left



holes	*ø / mm*	
5	*12*	**37.550.05**
5	*18*	**37.550.15**

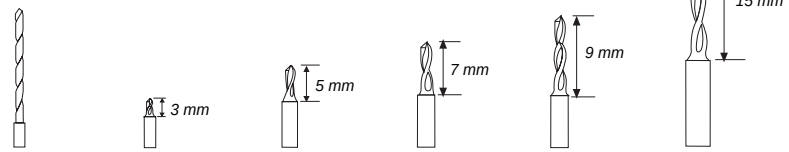




ø / mm		
1.5 x 3.5	37.410.03	37.410.23
1.5 x 4	37.410.04	37.410.24
1.5 x 5	37.410.05	37.410.25
1.5 x 6	37.410.06	37.410.26
1.5 x 7	37.410.07	37.410.27
1.5 x 8	37.410.08	37.410.28
1.5 x 9	37.410.09	37.410.29
1.5 x 11	37.410.11	37.410.31
1.5 x 13	37.410.13	37.410.33
1.5 x 15	37.410.15	37.410.35



ø / mm		
1.8 x 3.5	37.410.03	37.411.23
1.8 x 5	37.410.05	37.411.25
1.8 x 7	37.410.07	37.411.27



mm							
zyl	1.1 x 50	37.015.01	37.015.03	37.015.05	37.015.07	37.015.09	37.015.25
stry	1.1 x 50	37.015.11	37.015.13	37.015.15	37.015.17	37.015.19	37.015.27

System mini 2.0 mm

all implants are made of Titanium



holes	
2	**37.900.02**
4	**37.900.04**
6	**37.900.06**
8	**37.900.08**
16	**37.900.16**
40	**37.900.40**



37.910.04



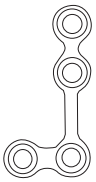
holes	
4	**37.911.04**
6	**37.911.06**



37.900.14
left
37.911.14
right



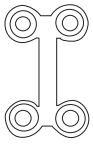
37.912.14
left
37.913.14
right



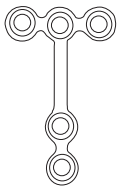
37.914.14
left
37.915.14
light



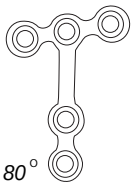
holes	leftt	right
4	**37.916.14**	**37.916.15**
5	**37.915.15**	**37.917.14**



holes	
4	**37.919.04**
6	**37.919.06**

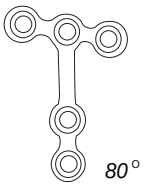


holes	
5	**37.920.05**
6	**37.920.06**
7	**37.920.07**



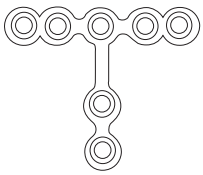
80°

37.921.05

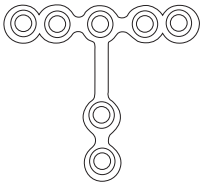


80°

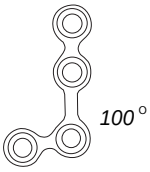
37.922.05



37.921.07

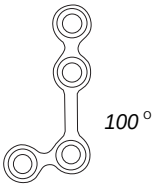


37.922.07



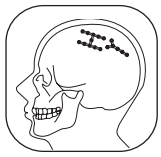
100°

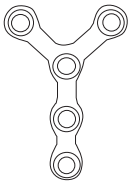
37.920.14
left
37.921.14
right



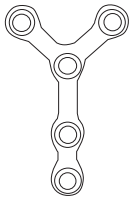
100°

37.924.14
left
37.925.14
right

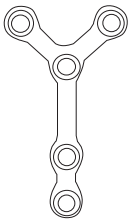




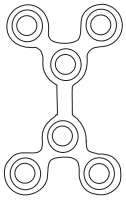
37.924.05



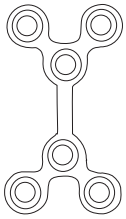
37.925.05



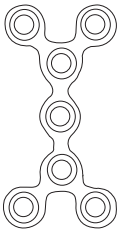
37.927.05



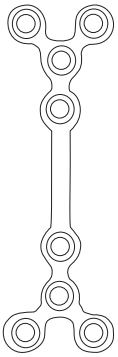
37.930.06



37.931.06



37.930.07

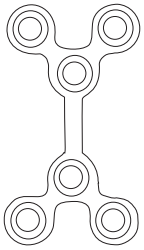


37.931.07

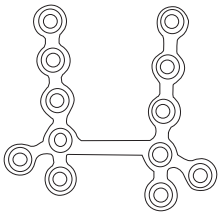


holes

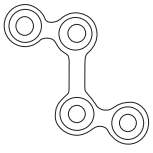
6	**37.935.06**
8	**37.935.08**
10	**37.935.10**



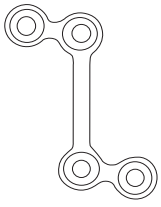
37.938.10



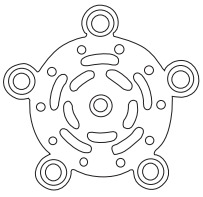
37.938.12



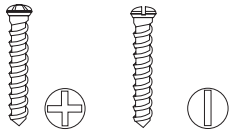
37.941.04
right
37.940.04
left



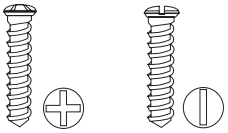
37.945.04
right
37.944.04
left



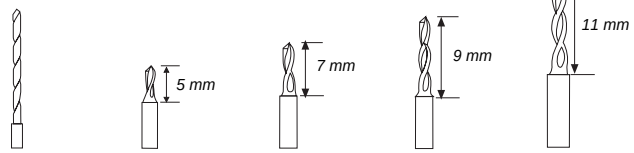
holes	*size*	
5	*small*	**37.950.05**
5	*large*	**37.950.15**



ø / mm		
2.0 x 4	37.810.04	37.810.24
2.0 x 5	37.810.05	37.810.25
2.0 x 7	37.810.07	37.810.27
2.0 x 9	37.810.09	37.810.29
2.0 x 11	37.810.11	37.810.31
2.0 x 13	37.810.13	37.810.33
2.0 x 15	37.810.15	37.810.35
2.0 x 17	37.810.17	37.810.37
2.0 x 19	37.810.19	37.810.39



ø / mm		
2.3 x 4	37.811.04	37.811.24
2.3 x 7	37.811.07	37.811.27
2.3 x 9	37.811.09	37.811.29



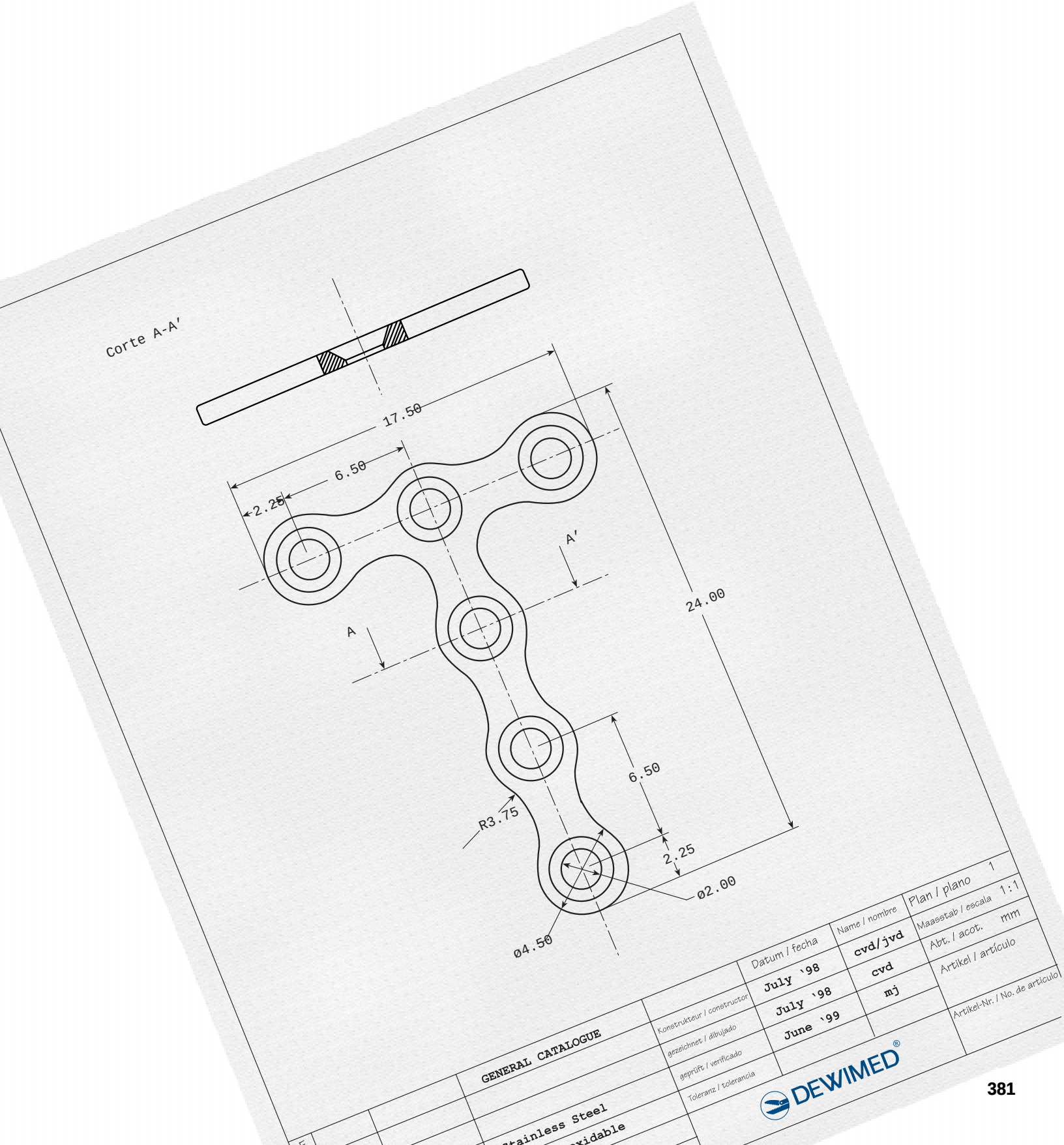
mm						
zyl	1.5 x 50	37.020.01	37.020.05	37.020.07	37.020.09	37.020.21
stry	1.5 x 50	37.020.11	37.020.15	37.020.17	37.020.19	37.020.31



mm		
zyl	1.5 x 70	37.020.70
stry	1.5 x 70	37.020.71



mm		
zyl	1.5 x 105	37.020.75
stry	1.5 x 105	37.020.76

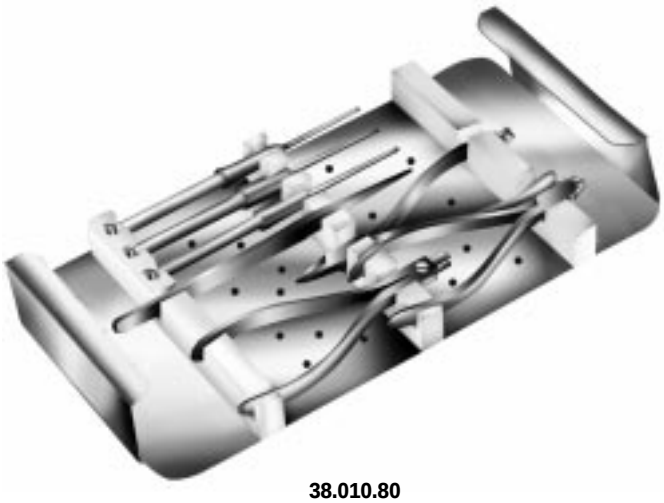

Corte A-A'
17.50
6.50
2.25
A'
A
24.00
6.50
R3.75
2.25
ø2.00
ø4.50
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maastab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo

System micro 1.0 mm



38.010.70
implant rack, teflon, autoclavable

38.010.73
modular microsystem



38.010.80
instrument rack
(for container 30 x 18 x 10 cm)

38.010.84
sterilizing tray
(without contents)



38.010.20 - 38.010.35
17 cm
38.010.35
handle only
38.010.20
screwdriver with screw holding device



38.010.21
17 cm
fixation screwdriver



38.010.22
screwdriver device, only



38.010.40
13.5 cm
modelling pliers



38.010.41
13.5 cm
modelling pliers



38.010.45
12.5 cm
bending pliers



38.010.50
18 cm
plate cutter



38.010.55
18 cm
plate holding forceps



38.010.56
18 cm
plate holding forceps

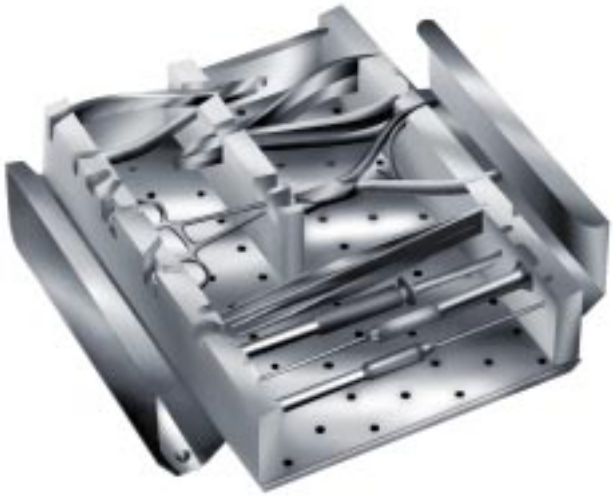


38.010.58
14 cm
bending pliers

System micro 1.2 mm



38.012.72
implant rack, teflon,
for screws and plates



38.012.82
instrument rack
(for container 30 x 30 x 10 cm)



38.012.20
17 cm
screwdriver with
screwholding
device



38.012.21
17 cm
fixation screwdriver



38.012.22
screwdriver device, only



38.012.40
13.5 cm
modelling pliers



38.012.41
13.5 cm
modelling pliers



38.012.45
12.5 cm
bending pliers



38.012.50
18 cm
plate cutter



38.012.55
18 cm
plate holding forceps

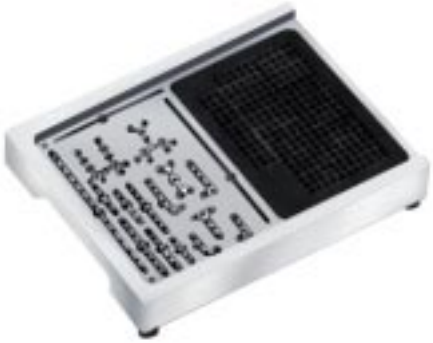


38.012.56
18 cm
plate holding forceps



38.012.58
14 cm
bending pliers

System medium 1.5 mm



38.015.70
implant rack, teflon, autoclavable

38.015.72
implant rack, teflon, for screws and plates

38.015.73
microsystem



38.015.80
instrument rack
(for container 30 x 18 x 10 cm)



38.015.82
instrument rack
(for container 30 x 30 x 10 cm)

38.015.84
sterilizing tray
(without contents)



38.015.20
17 cm
screwdriver with screwholding device



38.015.21
17 cm
fixation screwdriver



38.015.22
screwdriver device, only



38.015.40
13.5 cm
modelling pliers



38.015.41
13.5 cm
modelling pliers



38.015.45
12.5 cm
bending pliers



38.015.50
18 cm
plate cutter



38.015.55
18 cm
plate holding forceps



38.015.56
18 cm
plate holding forceps



38.015.58
14 cm
bending pliers



38.015.60
18 cm



38.015.63
check holder, complete

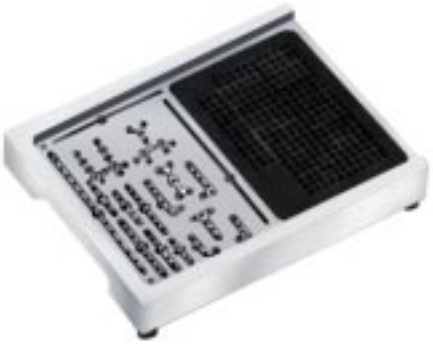


38.015.25
18 cm
screwdriver with screwholding device



38.015.26
18 cm
screwdriver

System mini 2.0 mm



38.020.70
implant rack, teflon, autoclavable

38.020.72
implant rack, teflon,
for screws and plates

38.020.73
microsystem



38.020.82
instrument rack
(for container 30 x 30 x 10 cm)



38.020.80
instrument rack
(for container 30 x 18 x 10 cm)



38.020.40
13.5 cm
modelling pliers



38.020.41
13.5 cm
modeling pliers



38.020.45
12.5 cm
bending pliers



38.020.50
18 cm
plate cutter



38.020.55
18 cm
plate holding forceps



38.020.56
18 cm
plate holding forceps



38.020.58
14 cm
bending pliers



38.020.60
18 cm
depth gauge



38.020.63
check holder, complete



38.020.25 - 30.020.27
18 cm
38.020.27
screwdriver
38.020.25
screwdriver with
screw holding capability



38.020.26
18 cm
screwdriver



38.020.62
trocar



38.020.62
drill guide

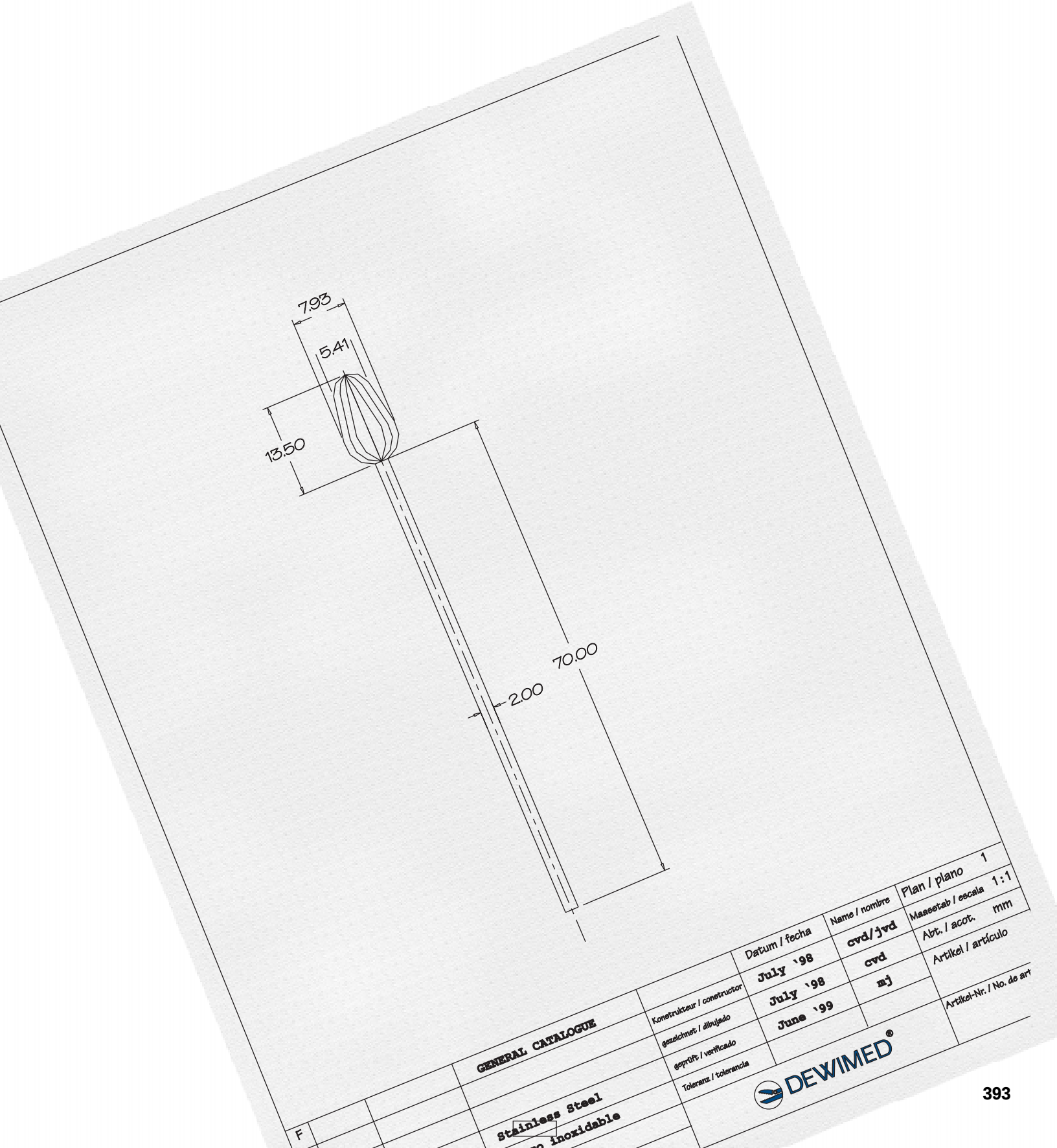


Theodor Rombouts
17th century

Itinerant Toothpullers
Medical themes were a favorite subject of Flemish realistic painters of the 17th century.

Viajante tumbadientes
Los temas médicos eran favoritos para pintores flamencos del siglo XVII.

Reisender Zähnezieher
Die Medizin war ein sehr beliebtes Thema für flämische Maler des 17. Jahrhunderts.


7.93
5.41
13.50
70.00
2.00
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Massstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de art
Stainless Steel
F





39.110.00
complete 220 V
39.110.01
complete 110 V



39.112.00
complete 220 V
39.112.01
complete 110 V



39.120.09
9.7 cm
tip 15 mm

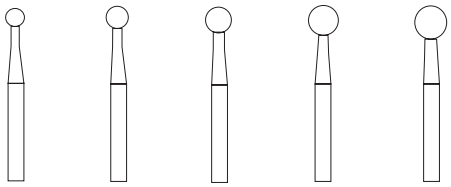


39.120.14
12.7 cm
tip 45 mm



39.121.13
7 cm + 5 cm
tip 15 mm
39.123.13
10 cm + 5 cm
tip 45 mm

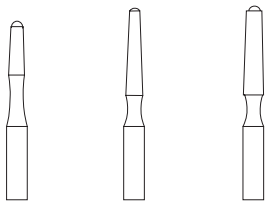




ALLPORT
39.150.31 - 39.150.50
7 cm

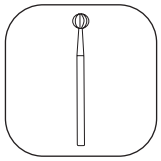
fig	*ø mm*	
1	*3.1*	**39.150.31**
2	*3.5*	**39.150.35**
3	*4.0*	**39.150.40**
4	*4.5*	**39.150.45**
5	*5.0*	**39.150.50**





LINDEMANN
39.154.18 - 39.154.28
7 cm

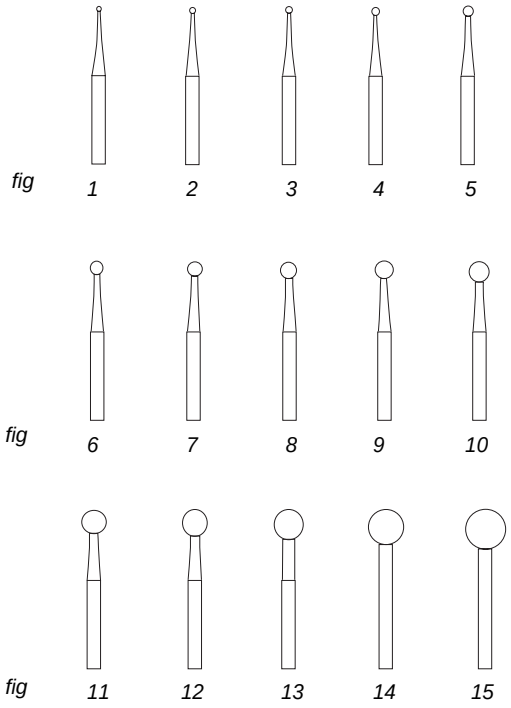
fig	*ø mm*	
1	*1.8*	**39.154.18**
2	*2.1*	**39.154.21**
3	*2.3*	**39.154.23**





39.160.06 - 39.160.70
7 cm

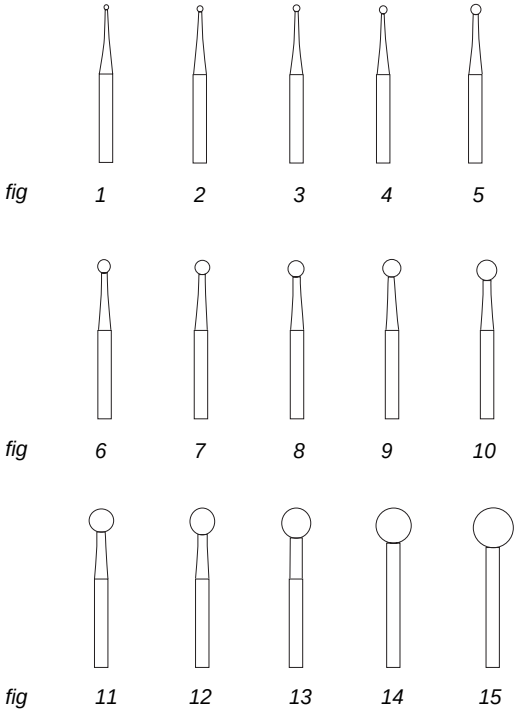
fig	ø mm	
1	0.6	**39.160.06**
2	0.7	**39.160.07**
3	0.8	**39.160.08**
4	1.0	**39.160.10**
5	1.4	**39.160.14**
6	1.8	**39.160.18**
7	2.3	**39.160.23**
8	2.7	**39.160.27**
9	3.1	**39.160.31**
10	3.5	**39.160.35**
11	4.0	**39.160.40**
12	4.5	**39.160.45**
13	5.0	**39.160.50**
14	6.0	**39.160.60**
15	7.0	**39.160.70**





39.170.06 - 39.170.70
7 cm

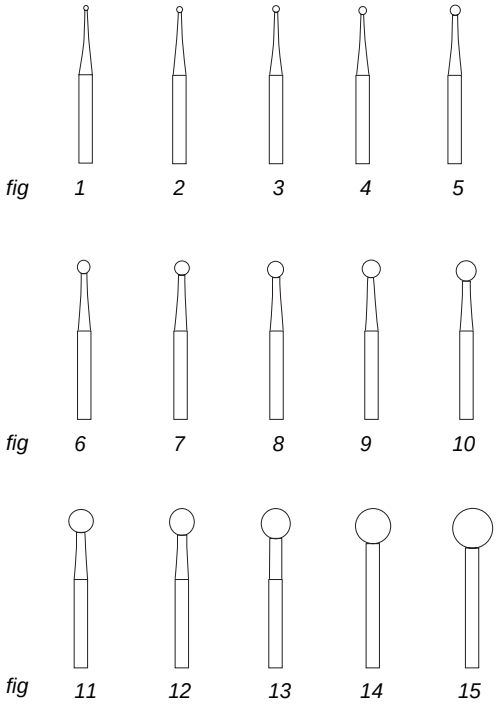
fig	ø mm	
1	0.6	**39.170.06**
2	0.7	**39.170.07**
3	0.8	**39.170.08**
4	1.0	**39.170.10**
5	1.4	**39.170.14**
6	1.8	**39.170.18**
7	2.3	**39.170.23**
8	2.7	**39.170.27**
9	3.1	**39.170.31**
10	3.5	**39.170.35**
11	4.0	**39.170.40**
12	4.5	**39.170.45**
13	5.0	**39.170.50**
14	6.0	**39.170.60**
15	7.0	**39.170.70**

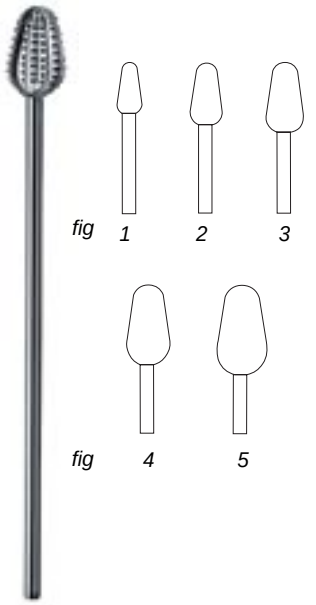




39.180.06 - 39.180.70
7 cm

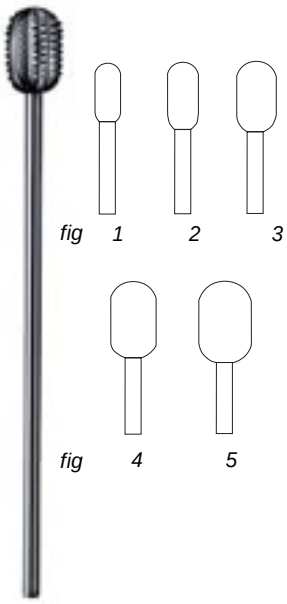
fig	*ø mm*	
1	*0.6*	**39.180.06**
2	*0.7*	**39.180.07**
3	*0.8*	**39.180.08**
4	*1.0*	**39.180.10**
5	*1.5*	**39.180.15**
6	*1.8*	**39.180.18**
7	*2.0*	**39.180.20**
8	*2.3*	**39.180.23**
9	*2.7*	**39.180.27**
10	*3.1*	**39.180.31**
11	*3.5*	**39.180.35**
12	*4.0*	**39.180.40**
13	*4.5*	**39.180.45**
14	*5.0*	**39.180.50**
15	*6.0*	**39.180.60**
16	*7.0*	**39.180.70**





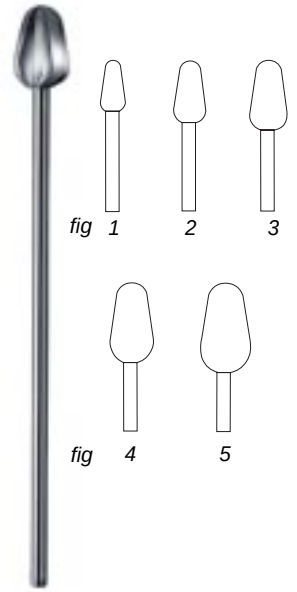
39.190.40 - 39.190.70
7 cm

fig	*ø mm*	
1	*4*	**39.190.40**
2	*5*	**39.190.50**
3	*6*	**39.190.60**
4	*7*	**39.190.70**
5	*8*	**39.190.80**



39.192.40 - 39.192.80
7 cm

fig	*ø mm*	
1	*4*	**39.192.40**
2	*5*	**39.192.50**
3	*6*	**39.192.60**
4	*7*	**39.192.70**
5	*8*	**39.192.80**



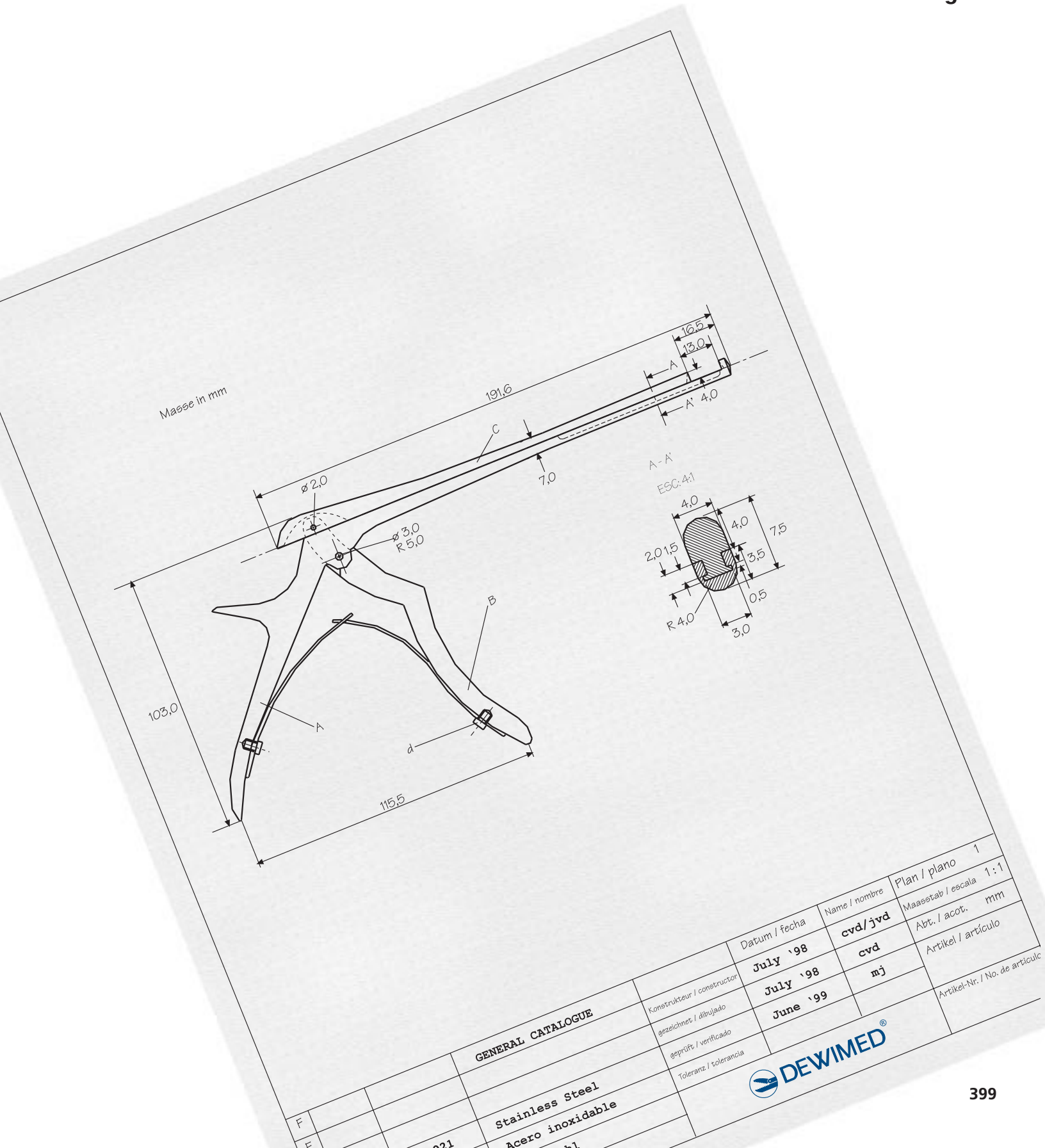
39.194.40 - 39.190.80
7 cm

fig	*ø mm*	
1	*4*	**39.194.40**
2	*5*	**39.194.50**
3	*6*	**39.194.60**
4	*7*	**39.194.70**
5	*8*	**39.194.80**



39.196.08 - 39.196.15
7 cm

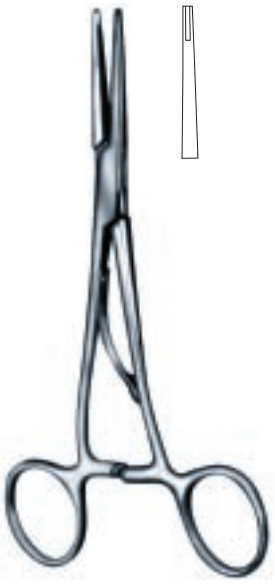
ø mm	
0.8	**39.196.08**
1.0	**39.196.10**
1.5	**39.196.15**


Masse in mm
191,6
16,5
13,0
A
A'
4,0
C
7,0
ø 2,0
ø 3,0
R 5,0
B
A
d
103,0
115,5
A - A'
ESC. 4:1
4,0
4,0
7,5
2,0
1,5
3,5
0,5
R 4,0
3,0
GENERAL CATALOGUE
Konstrukteur / constructor
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Maasstab / escala 1 : 1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
Acero inoxidable
DEWIMED



cm	
15	40.011.15
19	40.011.19

McKENZIE
40.011.15 - 40.011.19



cm	
15	40.013.15
19	40.013.19

McKENZIE
40.013.15 - 40.013.19



cm	
23	40.015.23
26	40.015.26

SMITHWICK
40.015.23 - 40.015.26



cm	
23	40.017.23
26	40.017.26

SWEET
40.017.23 - 40.017.26



OLIVECRONA TOENNIS
40.019.14
14 cm



40.021.00
100 pieces



40.020.00



McKENZIE
40.020.02



CRUTCHFIELD
40.025.01



CRUTCHFIELD
40.025.02



40.025.10
cervical traction tongs
40.025.15
spare pin only



40.029.00
50 pieces



mm

3.5	**40.026.35**
5	**40.026.50**

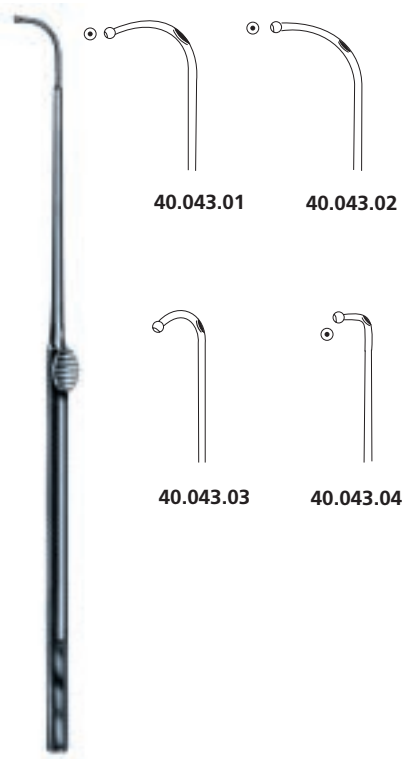
CRUTCHFIELD
40.026.35 - 40.026.50



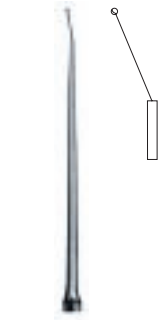
RANEY
40.027.00



RANEY
40.028.00
16 cm



DEWIMED
40.043.01 - 40.043.04
19 cm



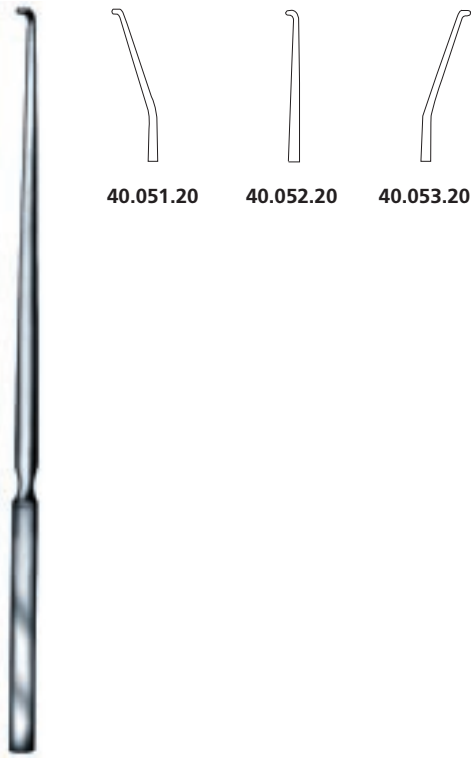
JACOBSON
40.040.01
19 cm



JACOBSON
40.040.02
19 cm



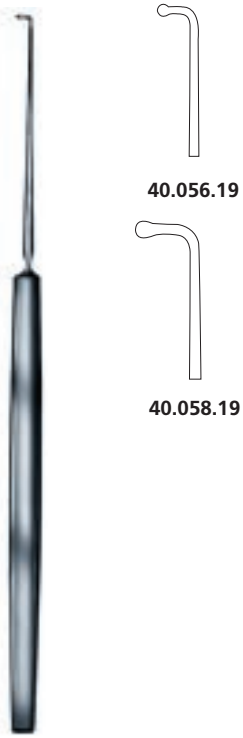
DEWIMED
40.042.19
19 cm



DANDY
40.051.20 - 40.053.20
20 cm



CRILE
40.055.20
20 cm / 7mm
blunt

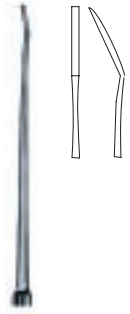


CUSHING
40.056.19 - 40.058.19
19 cm

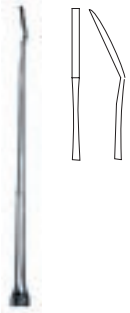


40.056.28 40.058.28

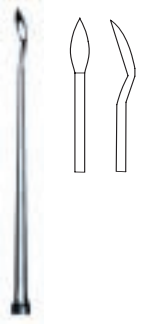
CUSHING
40.056.28 - 40.058.28
28 cm



DEWIMED
40.060.01
19 cm



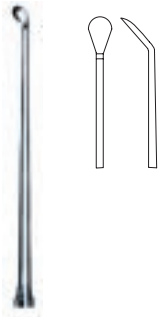
DEWIMED
40.060.02
19 cm



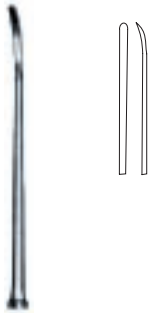
DEWIMED
40.060.03
19 cm



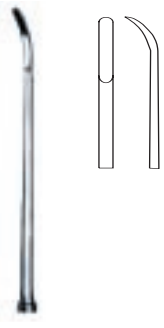
GRAHAM
40.061.16
16.5 cm
blunt



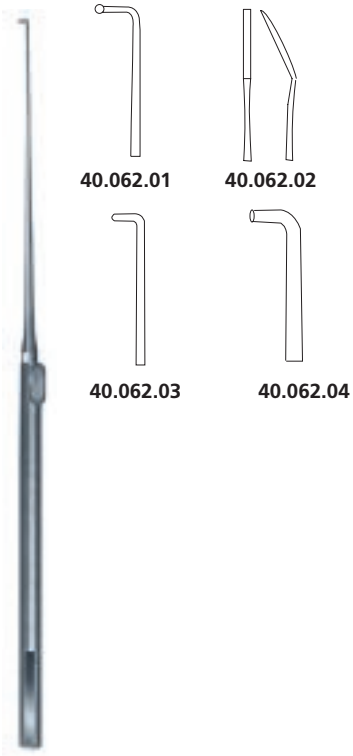
DEWIMED
40.060.04
19 cm



DEWIMED
40.060.05
19 cm



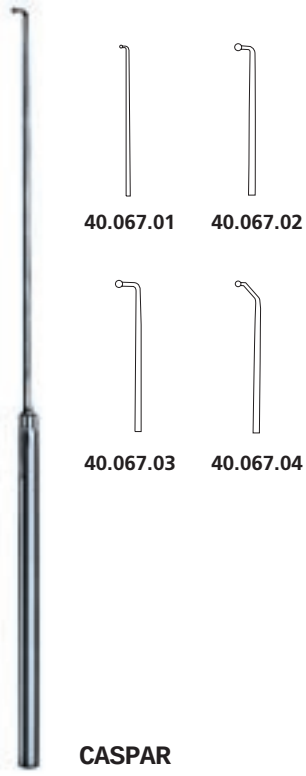
DEWIMED
40.060.06
19 cm



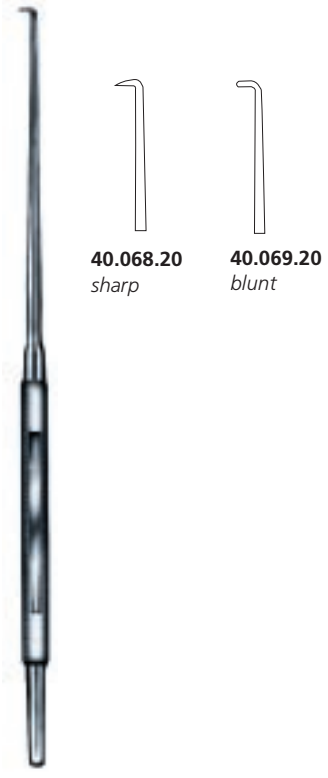
KRAYENBUEHL
40.062.01 - 40.062.04
18.5 cm



SACHS
40.064.18
18.5 cm



CASPAR
40.067.01 - 40.067.04
24.5 cm



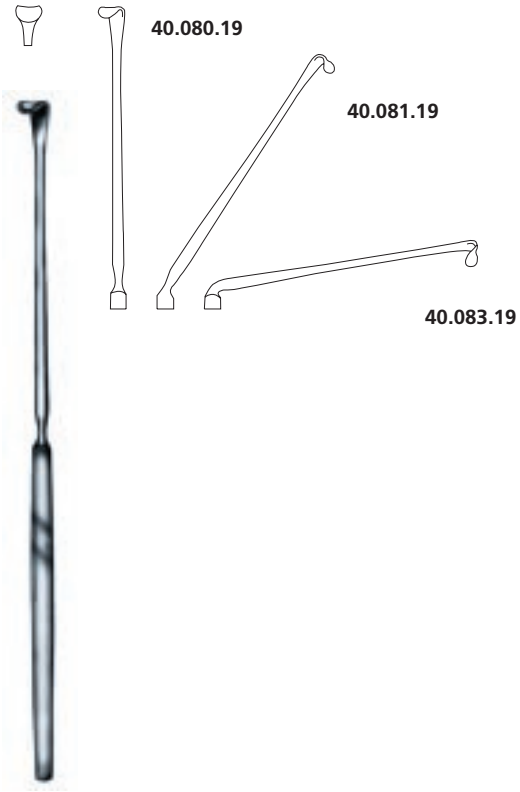
ADSON
40.068.20 - 40.069.20
20 cm



SWITHWICK
40.070.29



LOVE
40.071.21
21 cm



LOVE
40.080.19 - 40.083.19
19 cm



SCOVILLE
40.084.23
23 cm / 8 mm



SCOVILLE
40.085.20
20 cm / 7 mm



HOLSHER
40.087.24
24 cm



DE MARTEL
40.090.33
33 cm



LEBSCHE
40.092.25
25 cm



OLIVECRONA
40.092.30 - 40.092.70

cm

30	**40.092.30**
40	**40.092.40**
50	**40.092.50**
60	**40.092.60**
70	**40.092.70**



GIGLI
40.094.00



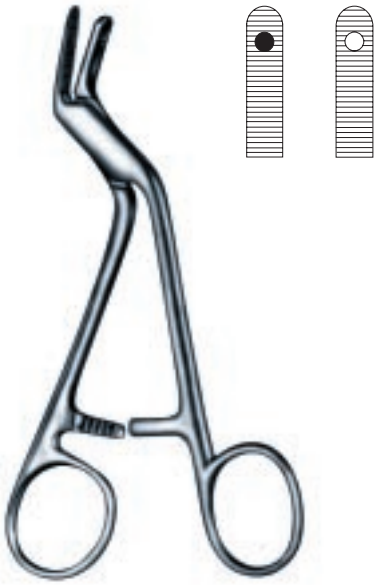
DE VILBISS
40.096.21
21 cm



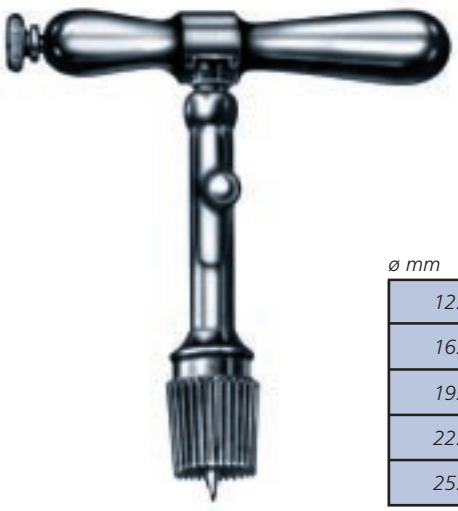
DAHLGREN
40.097.20
20 cm



CONE
40.098.20
20 cm
40.098.23
23 cm



ADSON
40.099.15
15 cm



ø mm	
12.5	**40.100.13**
16.0	**40.100.16**
19.0	**40.100.19**
22.0	**40.100.22**
25.0	**40.100.25**

GALT
40.100.13 - 40.100.25
complete



ø mm	
12.5	**40.101.13**
16.0	**40.101.16**
19.0	**40.101.19**
22.0	**40.101.22**
25.0	**40.101.25**

GALT
40.101.13 - 40.101.25
adjustable centering point extra



40.102.05
ø 5.0 mm

40.102.06
ø 5.5 mm

40.102.08
ø 8.0 mm

MICHELE
40.102.05 - 40.102.08
40.102.99
marker



TOENNIS
40.141.25
25 cm



SACHS
40.143.21
21 cm



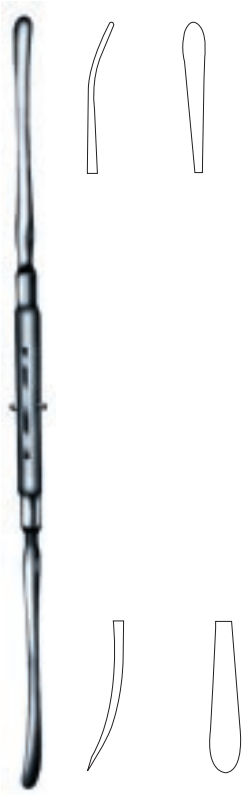
SACHS
40.145.21
21 cm



MILLIGAN
40.147.21
21 cm



40.149.22
21 cm



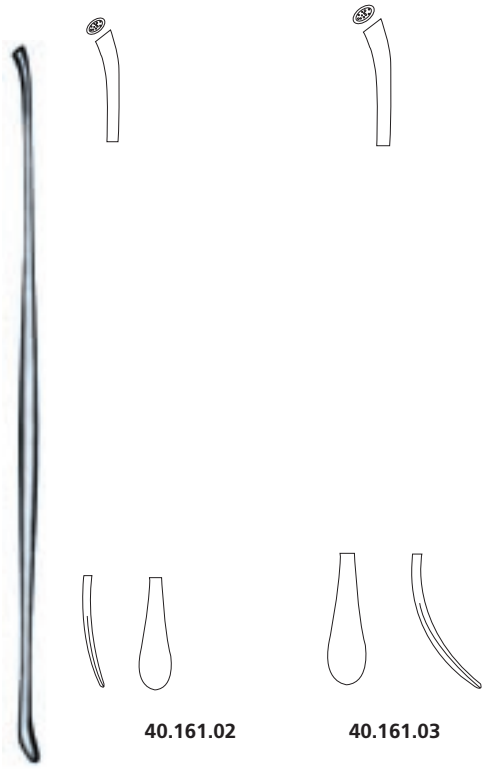
DAVIS
40.151.24
24.5 cm



HORSLEY
40.155.20
20 cm



PENFIELD
40.161.01
18 cm

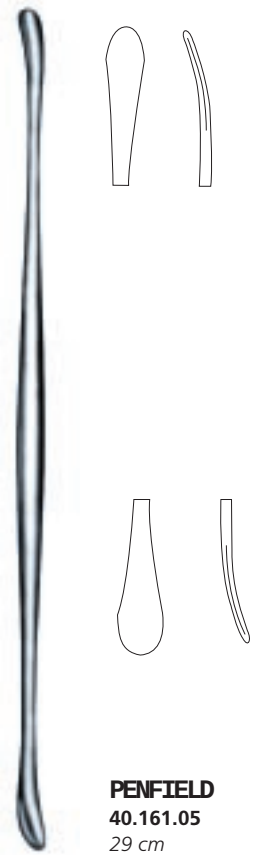


40.161.02 **40.161.03**

PENFIELD
40.161.02 - 40.161.03
20 cm



PENFIELD
40.161.04
21.5 cm



PENFIELD
40.161.05
29 cm



cm	
18	40.162.18
24	40.162.24

OLIVECRONA
40.162.18 - 40.162.24



cm	
19.5	40.164.19
24.5	40.164.24

OLIVECRONA
40.164.19 - 40.164.24



cm	
13	40.168.13
19	40.168.19

TOENNIS
40.168.13 - 40.168.19



HALLE
40.170.20
20 cm



CASPAR
40.171.01
4.5 mm



CASPAR
40.171.02
4.5 mm



CASPAR
40.171.03
2 mm



CASPAR
40.173.01
1 mm



CASPAR
40.173.02
1 mm



CASPAR
40.173.03
1 mm



40.188.11
11 cm



40.190.10
1.0 mm



40.190.18
1.8 mm



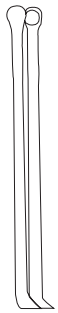
40.191.01



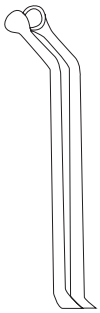
FISCH
40.191.02
18.5 cm



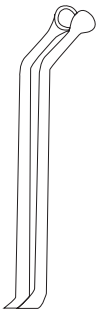
ADSON
40.210.23 - 40.213.23
23 cm



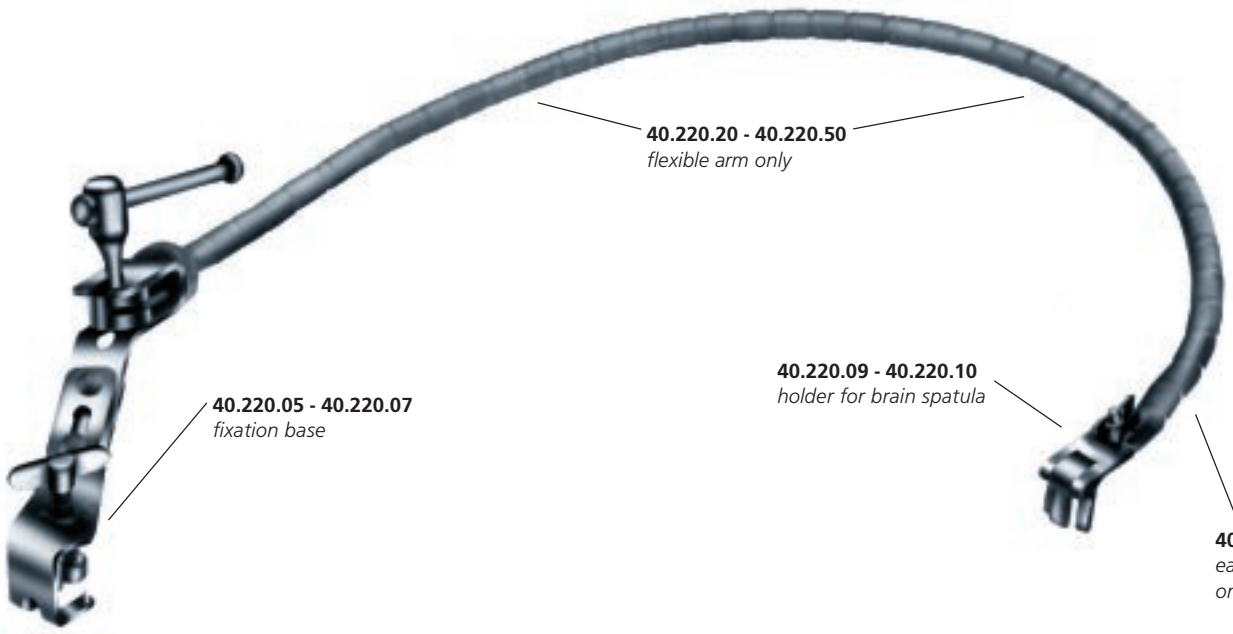
40.210.23



40.211.23



40.213.23





LEYLA
40.220.05
fixation base for 1 arm at skull



LEYLA
40.220.07
fixation base for 1 arms at rigid arm



LEYLA
40.220.06
fijation base for 2 arms at skull

flexible arm only

cm

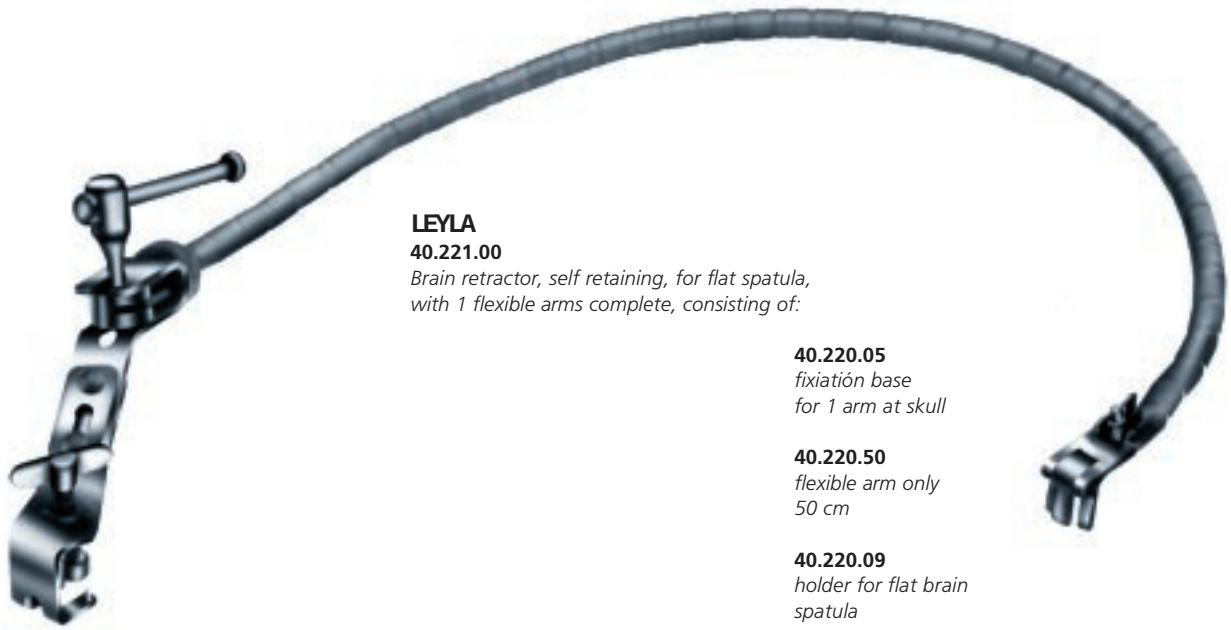
20	**40.220.20**
30	**40.220.30**
40	**40.220.40**
50	**40.220.50**



LEYLA
40.220.10
holder for brain spatula with round stem



LEYLA
40.220.12
ear specula holder only

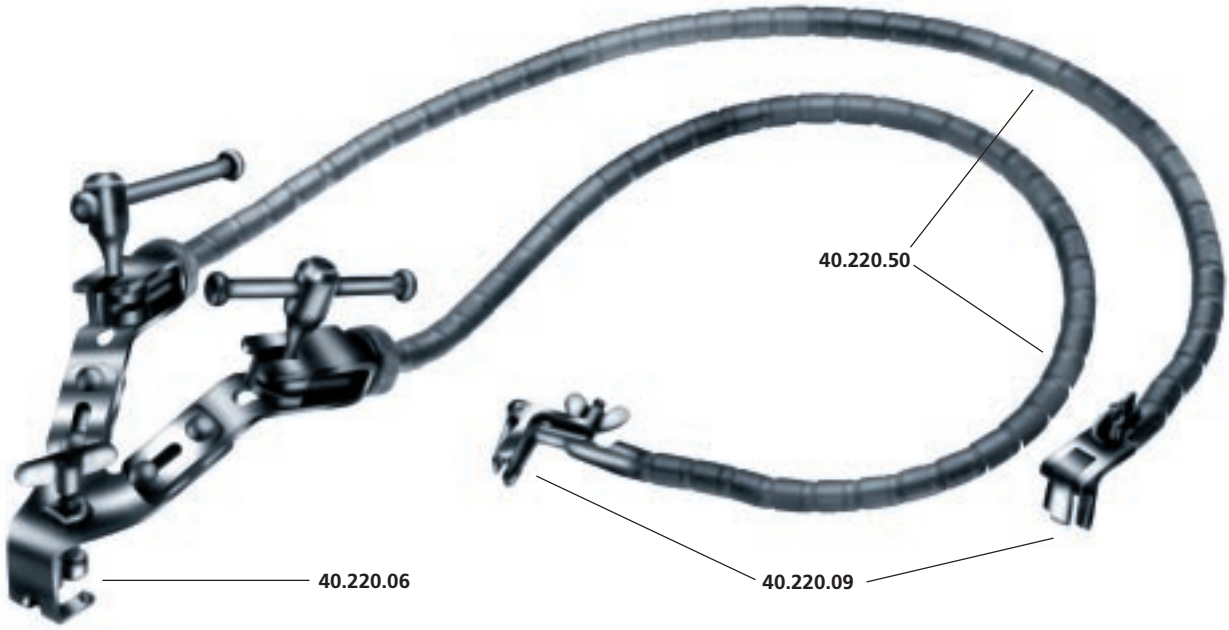


LEYLA
40.221.00
Brain retractor, self retaining, for flat spatula,
with 1 flexible arms complete, consisting of:

40.220.05
fixiatión base
for 1 arm at skull

40.220.50
flexible arm only
50 cm

40.220.09
holder for flat brain
spatula

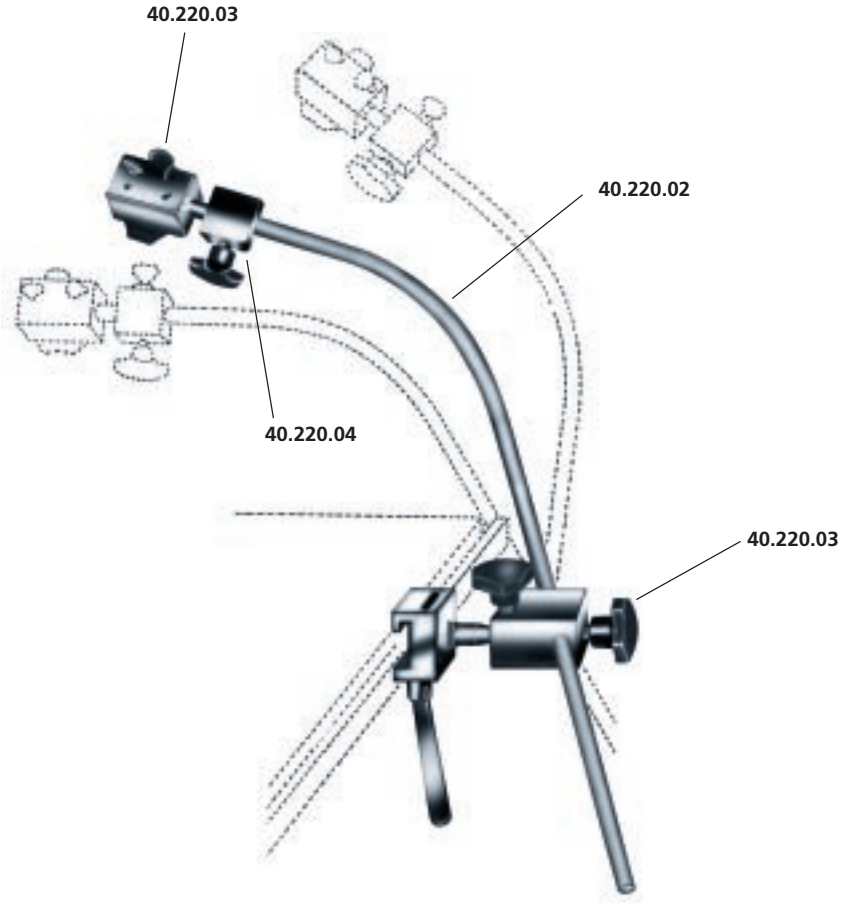


LEYLA
40.222.00
Brain retractor, self retaining, flexible for flat spatula,
with 2 flexible arms complete, consisting of:

40.220.50
flexible arm only
2pieces 50 cm

40.220.06
fixiation base for 2 arms at skull

40.220.09
holder for flat brain spatula
2 pieces



LEYLA
40.221.01
set for fixation to operating table sideralis
consisting of:

40.220.01
ball and socket join, articulated

40.220.02
holding rod for fixation

40.220.03
coupling head rotatable

40.220.04
coupling head rotatable

LEYLA
40.222.02
set content:

40.220.01
ball and socket joint, articulated
40.220.02
holding rod for fixation
40.220.03
coupling head for flexible arms max
40.220.04
coupling head rotable
40.220.07
fixation base for 1 arm at rigid arm (2)
40.220.08
flexible arm only (2)
40.220.09
holder for flat brain spatula (2)



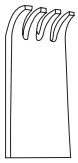


malleable

40.230.03 - 40.40.231.06
cerebral spatulas
stainless steel, coated



40.230.03
3 teeth 3 mm
15 cm
40.232.03
3 teeth 3 mm
18 cm



40.230.06
4 teeth 6 mm
15 cm
40.232.06
4 teeth 6 mm
18 cm



40.231.02
round 2 mm
15 cm
40.233.02
round 2 mm
18 cm



40.231.04
round 4 mm
15 cm
40.233.04
round 4 mm
18 cm



40.231.06
round 6 mm
15 cm
40.233.06
round 6 mm
18 cm



40.234.02 - 40.236.06

cm	*mm*	
15	*2*	**40.234.02**
15	*4*	**40.234.04**
15	*6*	**40.234.06**
18	*2*	**40.236.02**
18	*4*	**40.236.04**
18	*6*	**40.236.06**



40.238.10 - 40.238.20
14 cm

mm	
10	**40.238.10**
15	**40.238.15**
20	**40.238.20**



40.240.10 - 40.240.30
21 cm

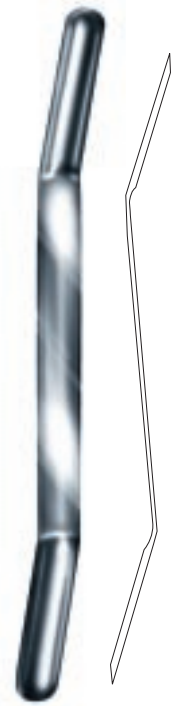
mm	
10	**40.240.10**
15	**40.240.15**
20	**40.240.20**
30	**40.240.30**



CUSHING
40.250.07 - 40.250.18
18 cm

mm

7 / 9	**40.250.07**
11 / 13	**40.250.11**
15 / 18	**40.250.15**
18 / 22	**40.250.18**



OLIVECRONA
40.253.07 - 40.253.18
18 cm

mm

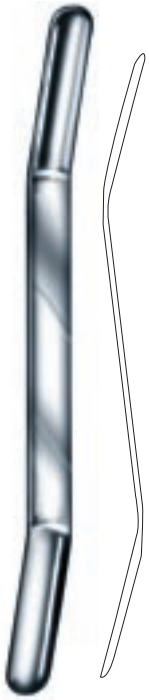
7 / 9	**40.253.07**
11 / 13	**40.253.11**
15 / 18	**40.253.15**
18 / 22	**40.253.18**



SCOVILLE
40.254.10 - 40.254.16
malleable
20 cm

mm

10 / 13	**40.254.10**
16 / 19	**40.254.16**



OLIVECRONA
40.255.07 - 40.255.18
18 cm

mm

7 / 9	**40.255.07**
11 / 13	**40.255.11**
15 / 18	**40.255.15**
18 / 22	**40.255.18**



40.256.07 - 40.256.22

mm

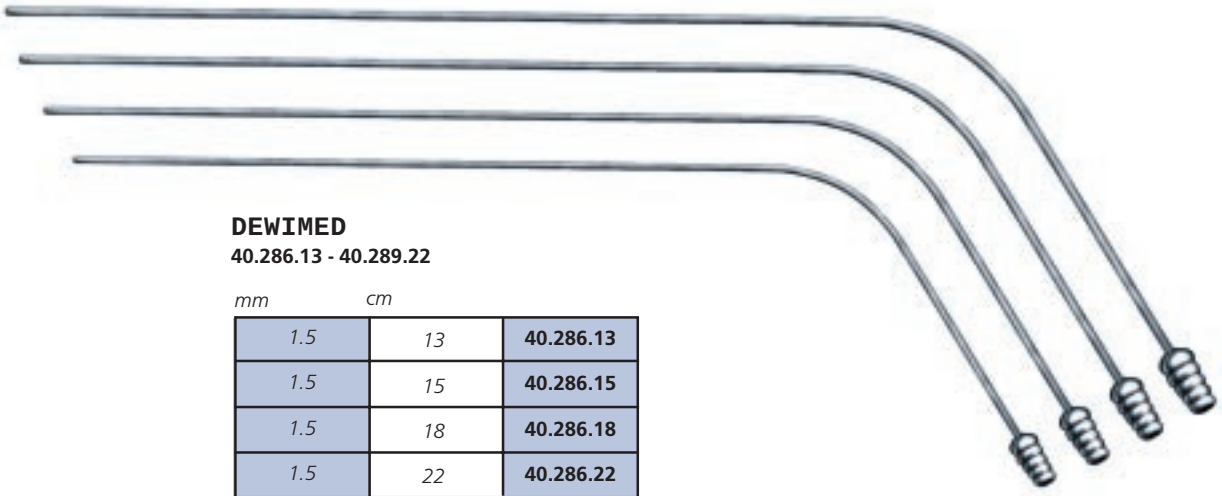
7+8	**40.256.07**
10+11	**40.256.10**
13+14	**40.256.13**
16+17	**40.256.16**
19+20	**40.256.19**
22+25	**40.256.22**



HEIFETZ
40.260.08 - 40.260.17

mm

8	**40.260.08**
11	**40.260.11**
14	**40.260.14**
17	**40.260.17**



DEWIMED
40.286.13 - 40.289.22

mm	*cm*	
1.5	*13*	**40.286.13**
1.5	*15*	**40.286.15**
1.5	*18*	**40.286.18**
1.5	*22*	**40.286.22**
2.0	*13*	**40.287.13**
2.0	*15*	**40.287.15**
2.0	*18*	**40.287.18**
2.0	*22*	**40.287.22**
2.5	*13*	**40.288.13**
2.5	*15*	**40.288.15**
2.5	*18*	**40.288.18**
2.5	*22*	**40.288.22**
3.5	*13*	**40.289.13**
3.5	*15*	**40.289.15**
3.5	*18*	**40.289.18**
3.5	*22*	**40.289.22**



ADSON
40.290.14
Ø 4 mm
14 cm
40.290.21
Ø 4 mm
21 mm



FERGUSSON
40.291.04
Ø 4 mm
18 cm



FRAZIER
40.293.06 - 40.297.12

	charr	*cm*	
30°	*6*	*12*	**40.293.06**
	8	*12*	**40.293.08**
	10	*12*	**40.293.10**
30°	*12*	*12*	**40.293.12**
	6	*19*	**40.295.06**
	7	*19*	**40.295.07**
30°	*8*	*19*	**40.295.08**
	9	*19*	**40.295.09**
	10	*19*	**40.295.10**
30°	*11*	*19*	**40.295.11**
	12	*19*	**40.295.12**
	15	*19*	**40.295.15**
75°	*6*	*19*	**40.297.06**
	7	*19*	**40.297.07**
	8	*19*	**40.297.08**
75°	*9*	*19*	**40.297.09**
	10	*19*	**40.297.10**
	11	*19*	**40.297.11**
75°	*12*	*19*	**40.297.12**



FRAZIER
40.298.08 - 40.298.12

mm

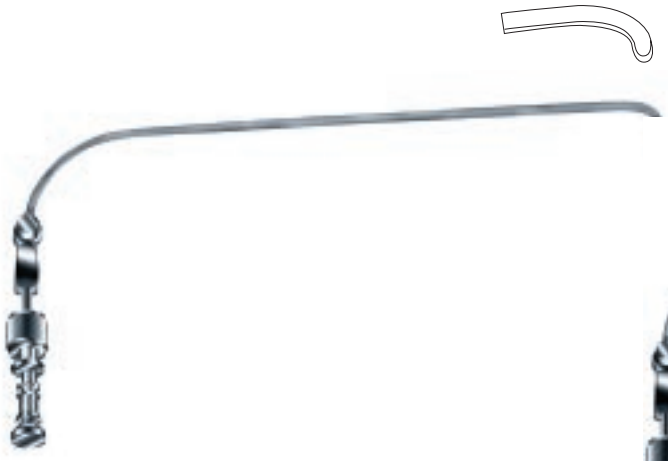
2.0	**40.298.08**
2.5	**40.298.10**
3.0	**40.298.12**



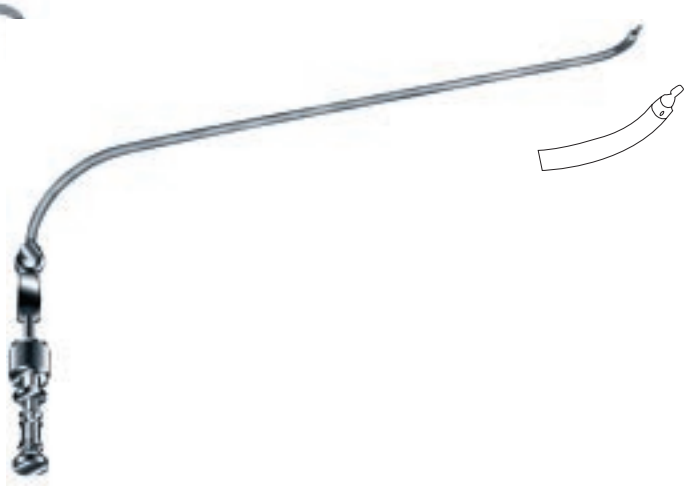
CONE
40.302.12 - 40.302.20
2 perforation ,9 cm

G

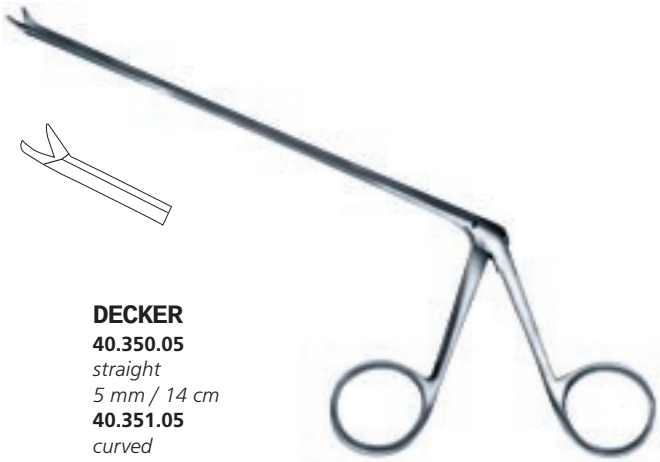
12	**40.302.12**
13	**40.302.13**
14	**40.302.14**
15	**40.302.15**
16	**40.302.16**
17	**40.302.17**
18	**40.302.18**
20	**40.302.20**



HARDY
40.310.18
left
7 Charr



HARDY
40.311.18
long
7 Charr



DECKER
40.350.05
straight
5 mm / 14 cm
40.351.05
curved
5 mm / 14 cm



CLOWARD
40.401.16
vertebral
40.402.13
cervical



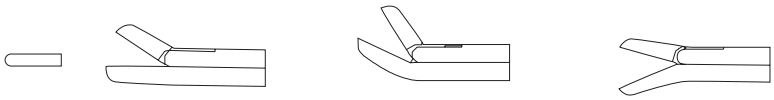
INGE
40.405.17
17 cm
40.405.27
27 cm



DECKER
40.413.02
15 cm curved left
2 x 6 mm
40.414.02
15 cm straight
2 x 6 mm



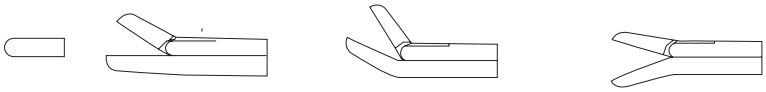
40.420.01



CUSHING
40.420.01
2 x 10 mm
12.5 cm
40.422.01
2 x 10 mm
18 cm

CUSHING
40.420.02
2 x 10 mm
12.5 cm
40.422.02
2 x 10 mm
18 cm

CUSHING
40.420.03
2 x 10 mm
12.5 cm
40.422.03
2 x 10 m
18 cm



LOVE GRUENW
40.430.01
3 x 10 mm
12.5 cm
40.432.01
3 x 10 mm
18 cm

LOVE GRUENW
40.430.02
3 x 10 mm
12.5 cm
40.432.02
3 x 10 mm
18 cm

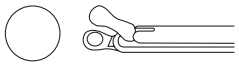
LOVE GRUENW
40.430.03
3 x 10 mm
12.5 cm
40.432.03
3 x 10 mm
18 cm



SPURLING
40.440.01
4 x 10 mm
12.5 cm
40.442.01
4 x 10 mm
18 cm

SPURLING
40.440.02
4 x 10 mm
12.5 cm
40.442.02
4 x 10 mm
18 cm

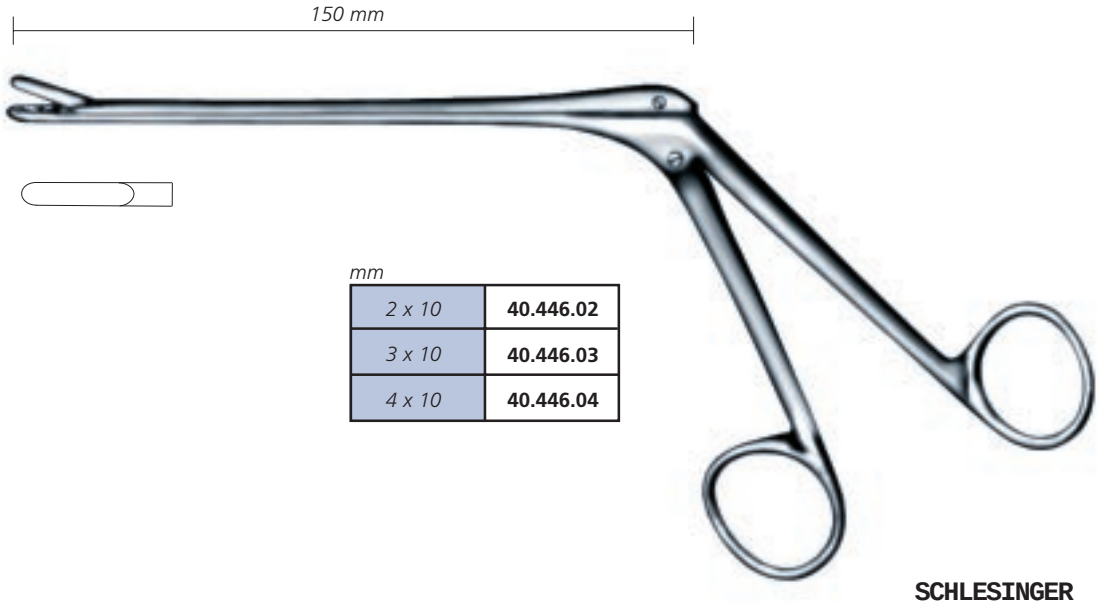
SPURLING
40.440.03
4 x 10 mm
12.5 cm
40.442.03
4 x 10 mm
18 cm



OLDBERG
40.445.25

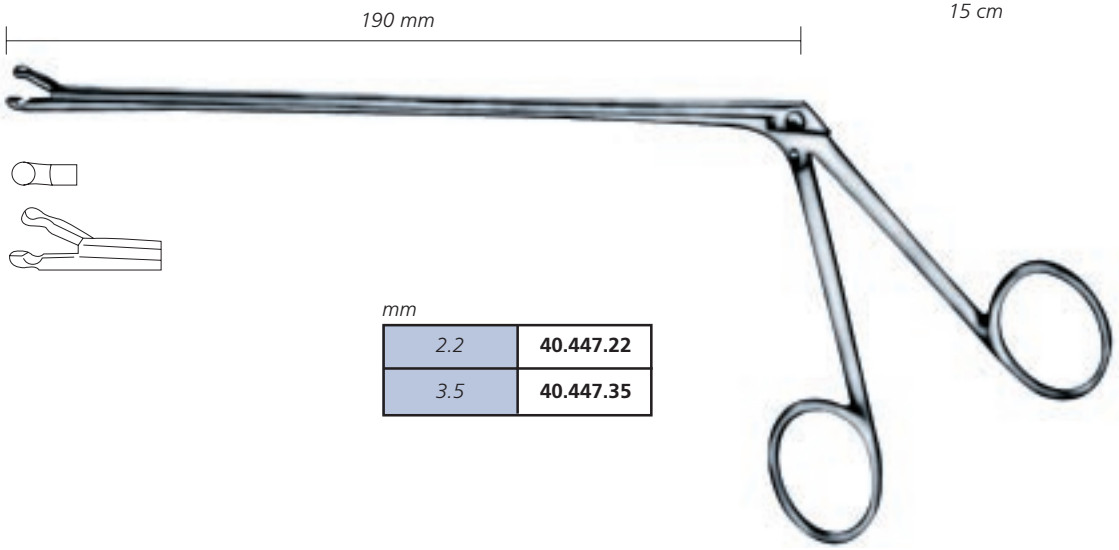


PEAPOD
40.415.02
2 x 6 mm
14 cm curved up



mm	
2 x 10	**40.446.02**
3 x 10	**40.446.03**
4 x 10	**40.446.04**

SCHLESINGER
40.446.02 - 40.446.04
15 cm

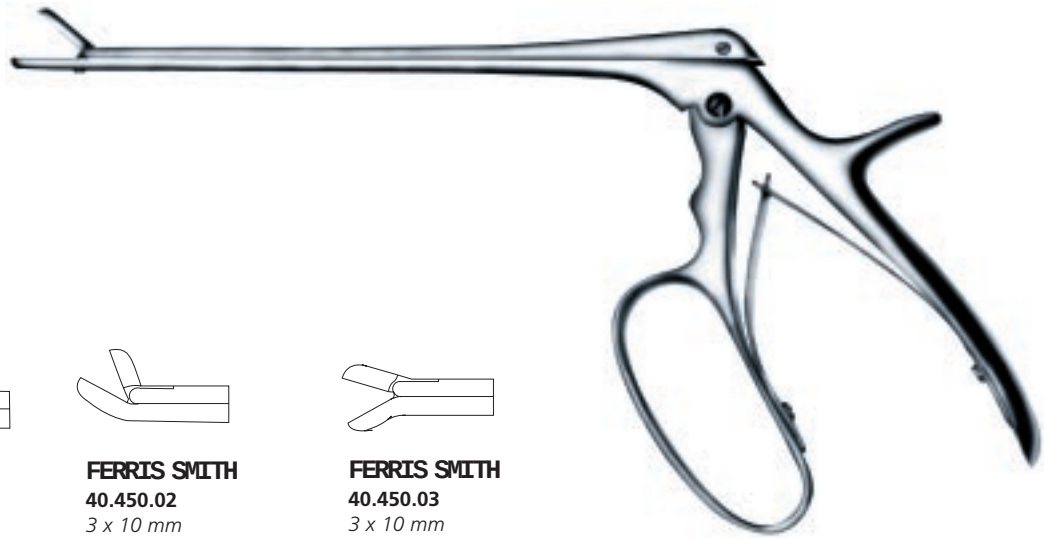


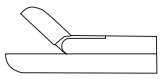
mm	
2.2	**40.447.22**
3.5	**40.447.35**

DEWIMED
40.447.22 - 40.447.35



LANDOLT
40.448.20





FERRIS SMITH
40.450.01
3 x 10 mm
16 cm
40.452.01
3 x 10 mm
18 cm

FERRIS SMITH
40.450.02
3 x 10 mm
16 cm
40.452.02
3 x 10 mm
18 cm

FERRIS SMITH
40.450.03
3 x 10 mm
16 cm
40.452.03
3 x 10 mm
18 cm

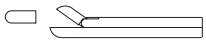
FERRIS SMITH
40.450.01 - 40.455.07



FERRIS SMITH CUSHING
40.454.02
2 x 10 mm
18 cm



FERRIS SMITH CUSHING
40.454.03
3 x 10 mm
18 cm



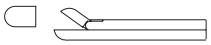
FERRIS SMITH CUSHING
40.454.04
4 x 10 mm
18 cm



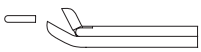
FERRIS SMITH CUSHING
40.454.05
5 x 10 mm
18 cm



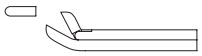
FERRIS SMITH CUSHING
40.454.06
6 x 10 mm
18 cm



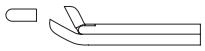
FERRIS SMITH CUSHING
40.454.07
7 x 10 mm
18 cm



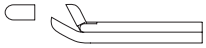
FERRIS SMITH CUSHING
40.455.02
2 x 10 mm
18 cm



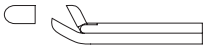
FERRIS SMITH CUSHING
40.455.03
3 x 10 mm
18 cm



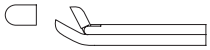
FERRIS SMITH CUSHING
40.455.04
4 x 10 mm
18 cm



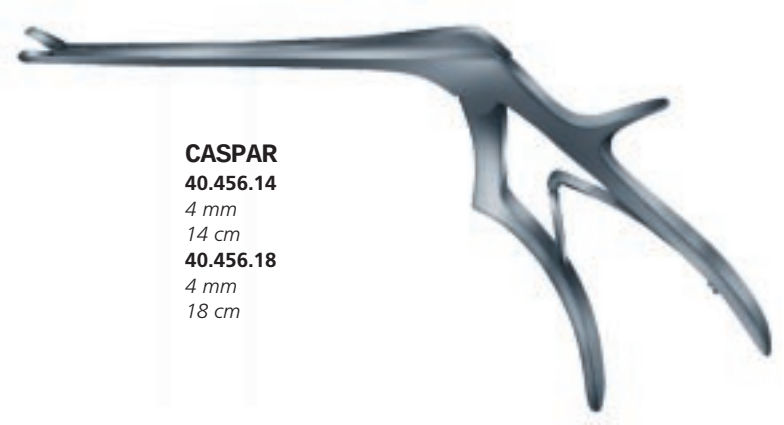
FERRIS SMITH CUSHING
40.455.05
5 x 10 mm
18 cm



FERRIS SMITH CUSHING
40.455.06
6 x 10 mm
18 cm



FERRIS SMITH CUSHING
40.455.07
7 x 10 mm
18 cm



CASPAR
40.456.14
4 mm
14 cm
40.456.18
4 mm
18 cm



WAGNER
40.458.20
4 mm
20 cm





CASPAR
40.460.20
12 x 2 mm

CASPAR
40.460.30
12 x 3 mm

CASPAR
40.460.40
14 x 4 mm

CASPAR
40.460.50
14 x 5 mm

CASPAR
40.460.60
16 x 6 mm

CASPAR
40.460.20 - 40.460.60
14 cm





CASPAR
40.461.25
12 x 2.5 mm



CASPAR
40.461.40
14 x 4 mm

CASPAR
40.461.50
14 x 5 mm

CASPAR
40.461.20 - 40.461.50
14 cm





CASPAR
40.463.20
12 x 2 mm



CASPAR
40.463.25
12 x 2.5 mm

CASPAR
40.463.40
14 x 4 mm

CASPAR
40.463.20 - 40.463.40
14 cm



CASPAR
40.464.20 - 40.464.60
16 cm



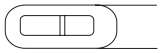
CASPAR
40.464.20
12 x 2 mm



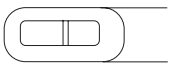
CASPAR
40.464.30
12 x 3 mm



CASPAR
40.464.40
14 x 4 mm



CASPAR
40.464.50
14 x 5 mm



CASPAR
40.464.60
16 x 6 mm



CASPAR
40.465.20
12 x 2 mm



CASPAR
40.465.25
12 x 2.5 mm



CASPAR
40.465.20 - 40.465.50
16 cm



CASPAR
40.465.40
14 x 4 mm



CASPAR
40.465.50
14 x 5 mm





CASPAR
40.467.20
12 x 2 mm



CASPAR
40.467.25
12 x 2.5 mm

CASPAR
40.467.40
14 x 4 mm

CASPAR
40.467.20 - 40.467.40
16 cm



CASPAR
40.468.20 - 40.468.60
18.5 cm



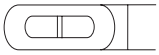
CASPAR
40.468.20
12 x 2 mm



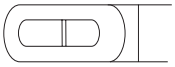
CASPAR
40.468.30
12 x 3 mm



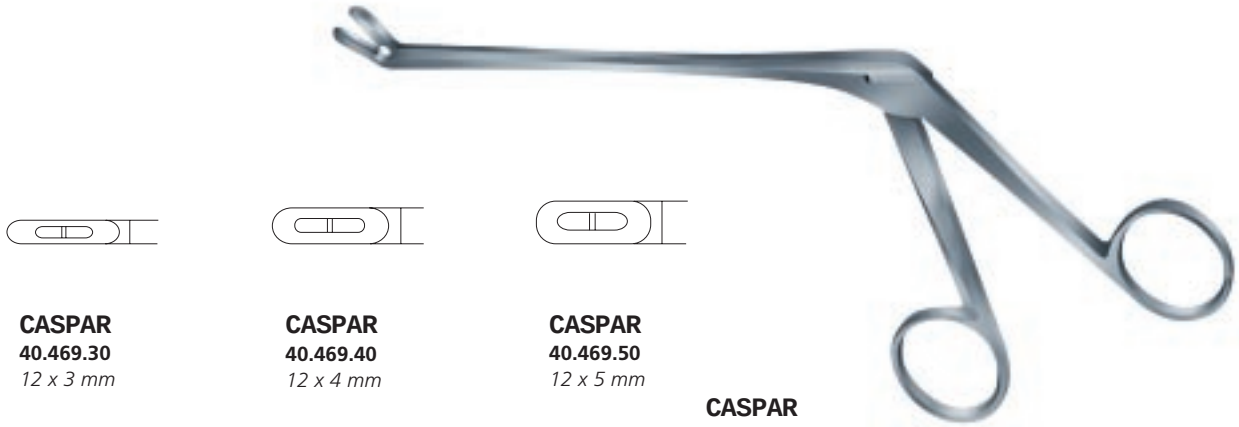
CASPAR
40.468.40
12 x 4 mm



CASPAR
40.468.50
12 x 5 mm



CASPAR
40.468.60
12 x 6 mm

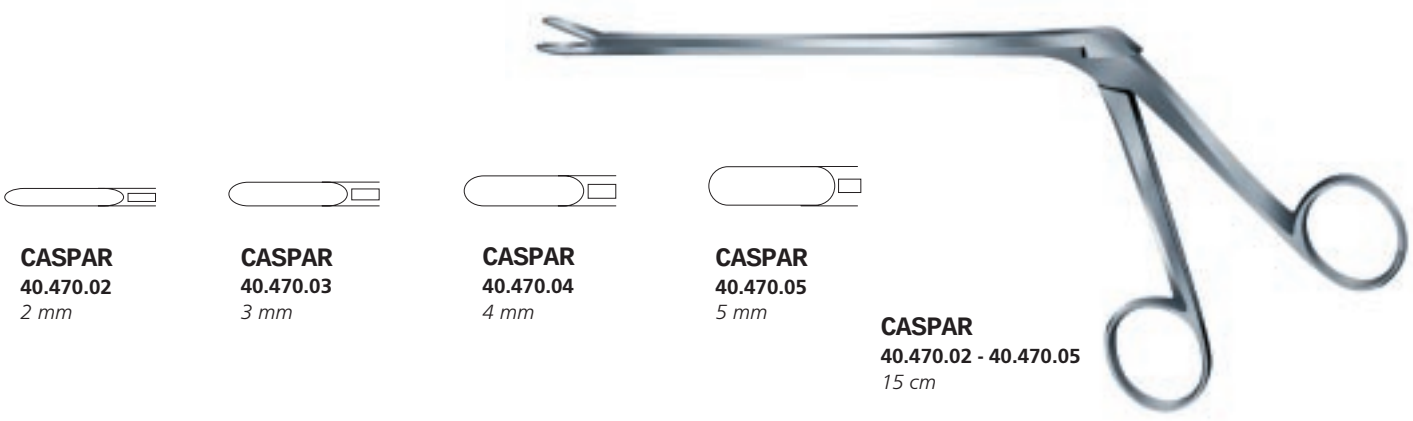


CASPAR
40.469.30
12 x 3 mm

CASPAR
40.469.40
12 x 4 mm

CASPAR
40.469.50
12 x 5 mm

CASPAR
40.469.30 - 40.469.50
18.5 cm



CASPAR
40.470.02
2 mm

CASPAR
40.470.03
3 mm

CASPAR
40.470.04
4 mm

CASPAR
40.470.05
5 mm

CASPAR
40.470.02 - 40.470.05
15 cm

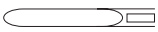


CASPAR
40.471.02
2 mm

CASPAR
40.471.03
3 mm

CASPAR
40.471.04
4 mm

CASPAR
40.471.02 - 40.471.04
15 cm



CASPAR
40.473.02
2 mm



CASPAR
40.473.03
3 mm

CASPAR
40.473.04
4 mm



CASPAR
40.473.02 - 40.473.04
15 cm

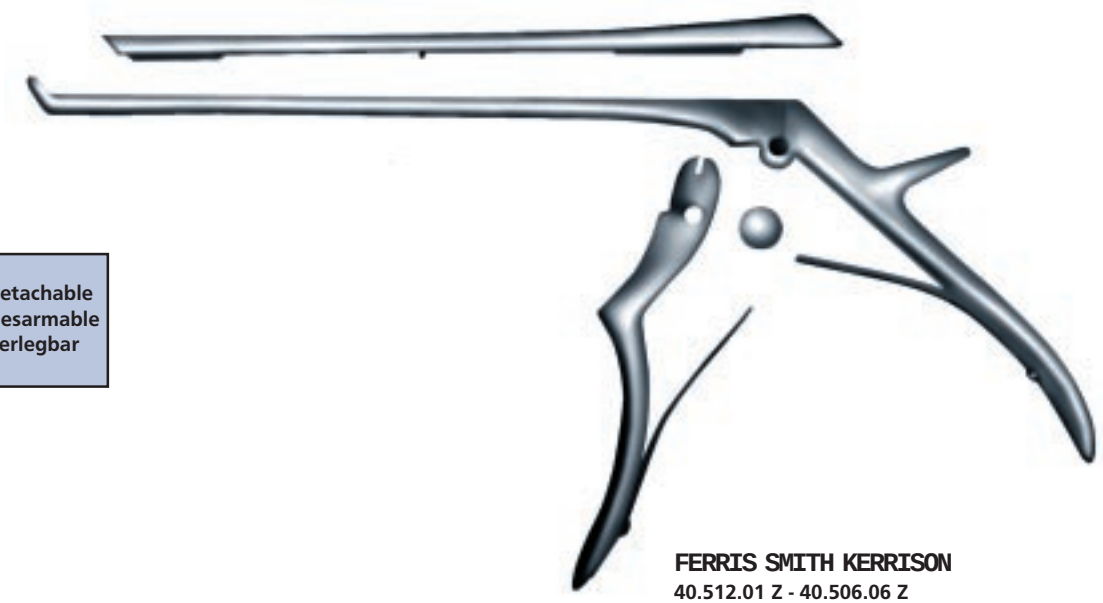


CASPAR
40.475.30
12 x 3 mm

CASPAR
40.475.40
14 x 4 mm



CASPAR
40.475.30 - 40.475.40
18.5 cm



Z= detachable
desarmable
zerlegbar

FERRIS SMITH KERRISON
40.512.01 Z - 40.506.06 Z
detachable punches

Simple disassembly for cleaning
Desensamble para mejor limpieza
Einfaches Zerlegen zur Reinigung



Separate spring mechanism
Separar hojas de resorte
Federmechanismus lösen



Remove retaining button
Retirar botón negro de ensamble
Schwarzen Halteknopf entfernen



Remove handle and top punch component by slading towards handle
Separar mango y mecanismo superior de la pinza
Handgriff und oberes Stanzelement entfernen

Simple assembly
Ensamble simple
Einfaches Zusammenbauen



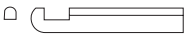
Replace top punch component
Colocar el mecanismo superior de la pinza
Oberes Stanzelement aufsetzen

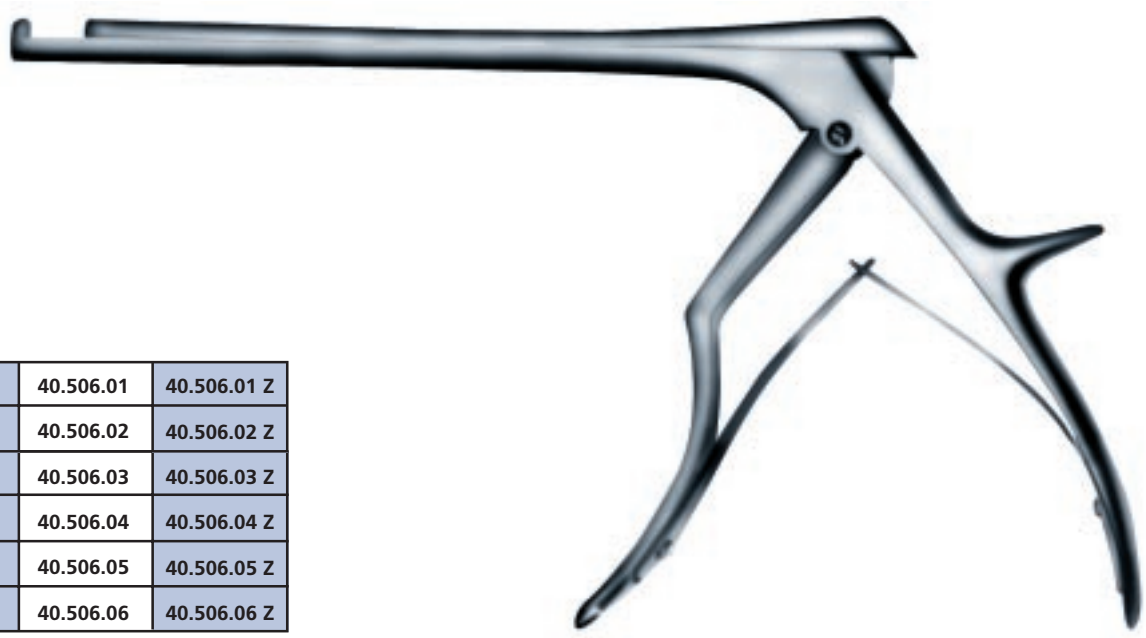


Insert handle
Insertar mango
Handgriff einrasten



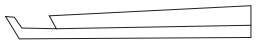
- *Insert retaining pin (It is important to align the reference lines before)*
- *Insertar boton negro de ensamble (es importante alinear antes las líneas de referencia)*
- *Schwarzen Halteknopf einsetzen (vorher Markierungslinien in eine Ebene brigen)*

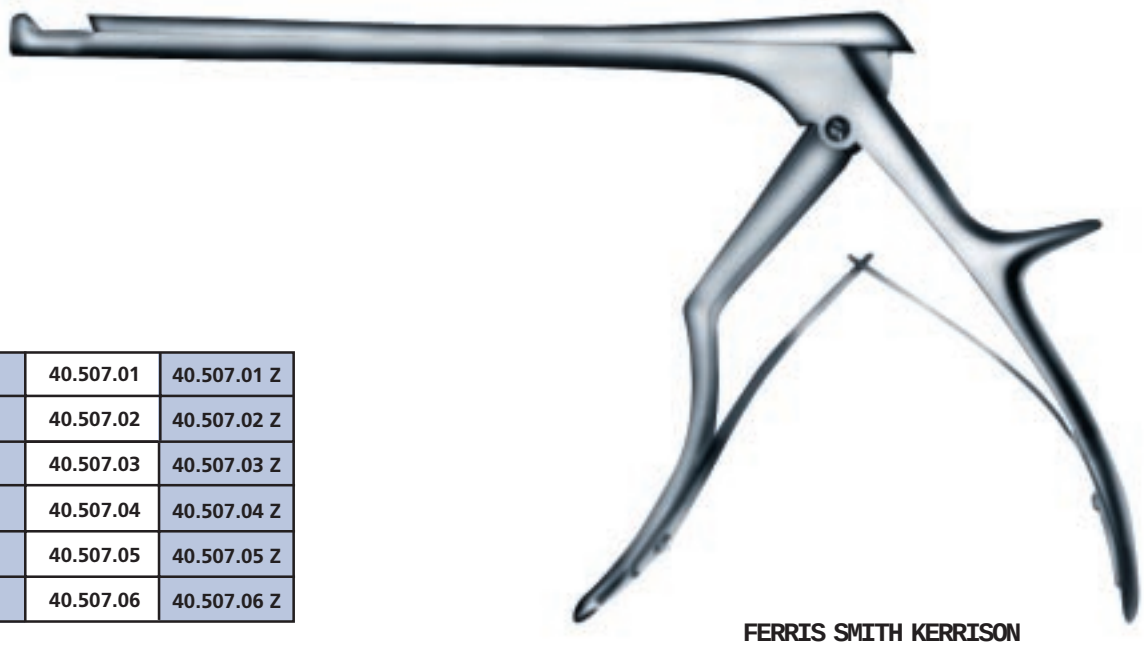




width mm		
1	40.506.01	40.506.01 Z
2	40.506.02	40.506.02 Z
3	40.506.03	40.506.03 Z
4	40.506.04	40.506.04 Z
5	40.506.05	40.506.05 Z
6	40.506.06	40.506.06 Z

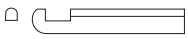
FERRIS SMITH KERRISON
40.506.01 - 40.506.06 Z
20 cm



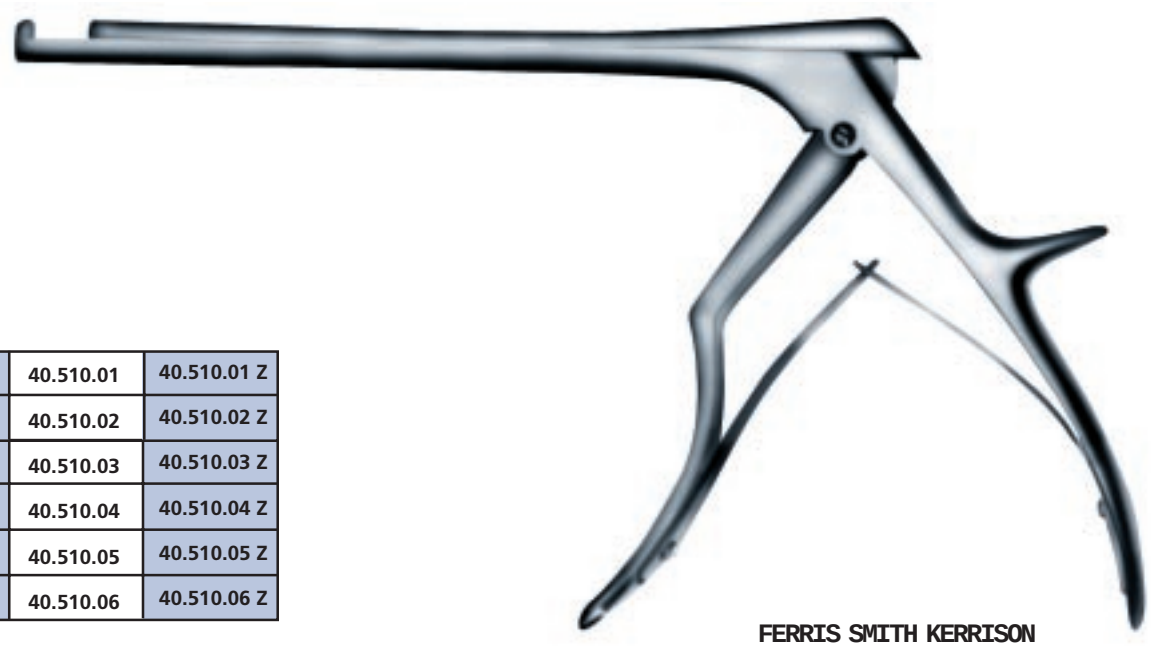


width mm		
1	40.507.01	40.507.01 Z
2	40.507.02	40.507.02 Z
3	40.507.03	40.507.03 Z
4	40.507.04	40.507.04 Z
5	40.507.05	40.507.05 Z
6	40.507.06	40.507.06 Z

FERRIS SMITH KERRISON
40.507.01 - 40.506.07 Z
20 cm



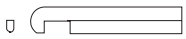
90º up



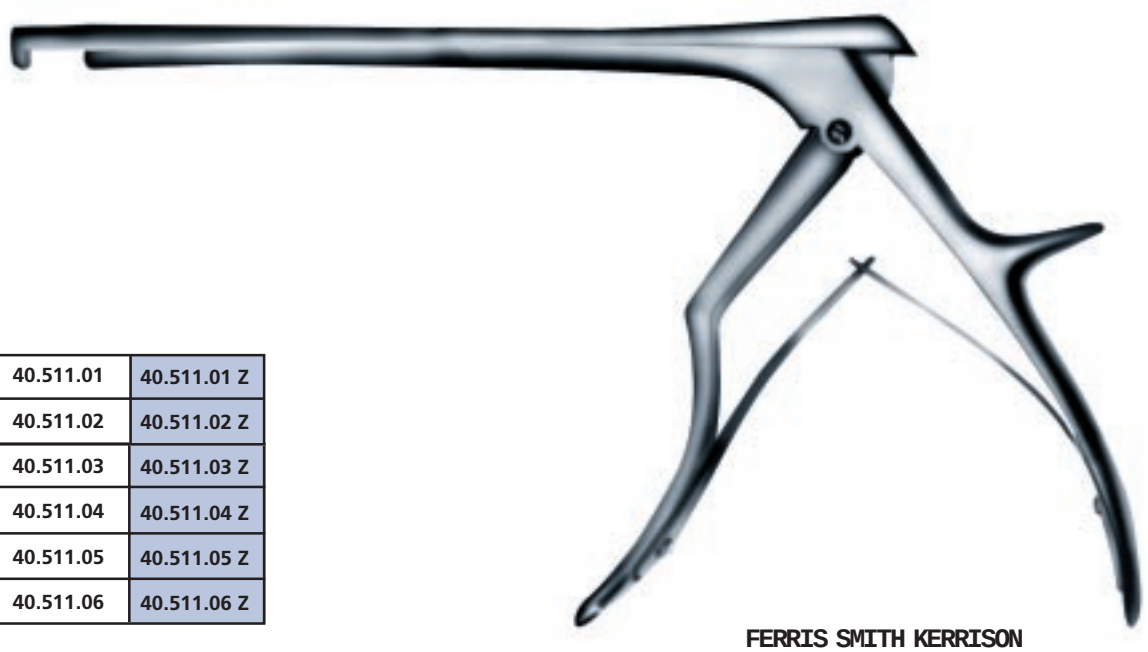
width
mm

1	**40.510.01**	**40.510.01 Z**
2	**40.510.02**	**40.510.02 Z**
3	**40.510.03**	**40.510.03 Z**
4	**40.510.04**	**40.510.04 Z**
5	**40.510.05**	**40.510.05 Z**
6	**40.510.06**	**40.510.06 Z**

FERRIS SMITH KERRISON
40.510.01 - 40.510.06 Z
18 cm



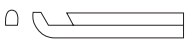
90º down



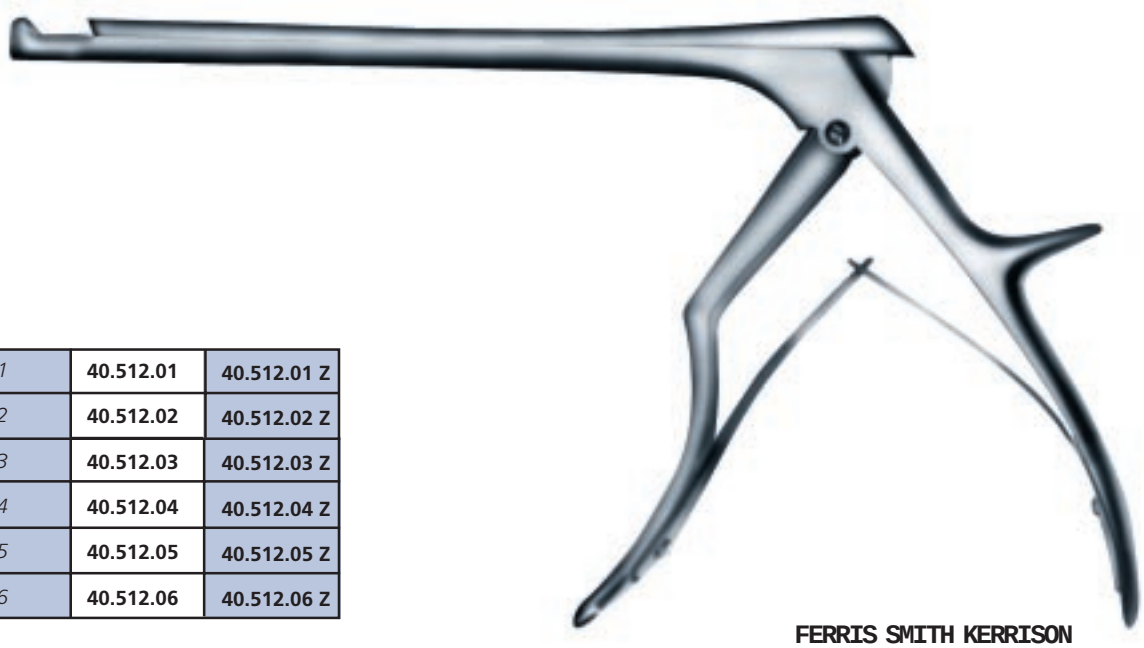
width
mm

1	**40.511.01**	**40.511.01 Z**
2	**40.511.02**	**40.511.02 Z**
3	**40.511.03**	**40.511.03 Z**
4	**40.511.04**	**40.511.04 Z**
5	**40.511.05**	**40.511.05 Z**
6	**40.511.06**	**40.511.06 Z**

FERRIS SMITH KERRISON
40.511.01 - 40.511.06 Z
18 cm



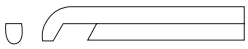
40⁰ up



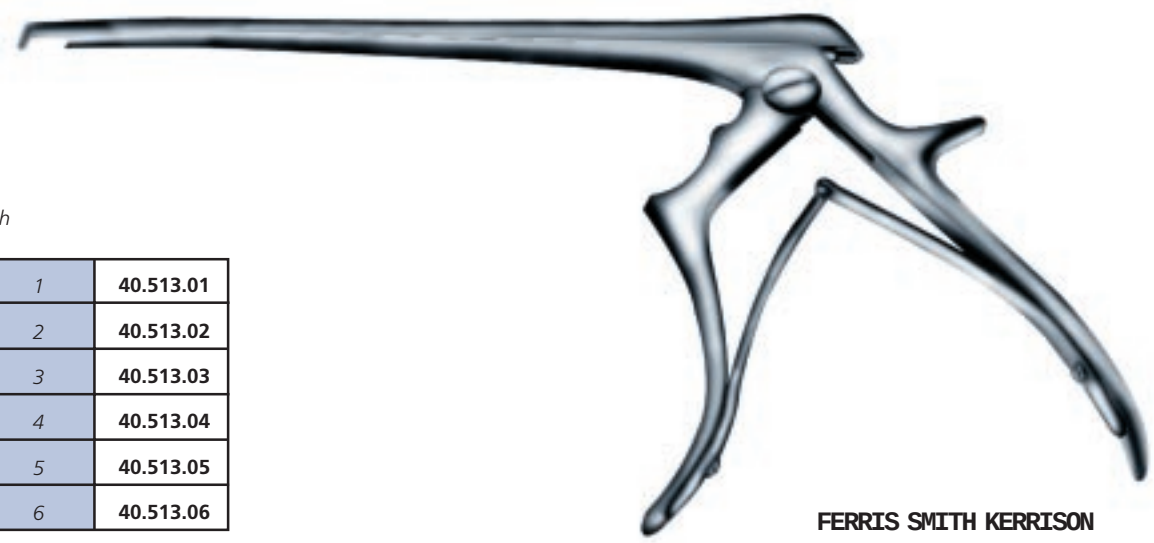
width
mm

1	**40.512.01**	**40.512.01 Z**
2	**40.512.02**	**40.512.02 Z**
3	**40.512.03**	**40.512.03 Z**
4	**40.512.04**	**40.512.04 Z**
5	**40.512.05**	**40.512.05 Z**
6	**40.512.06**	**40.512.06 Z**

FERRIS SMITH KERRISON
40.512.01 - 40.512.06 Z
18 cm



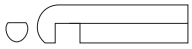
40⁰ down



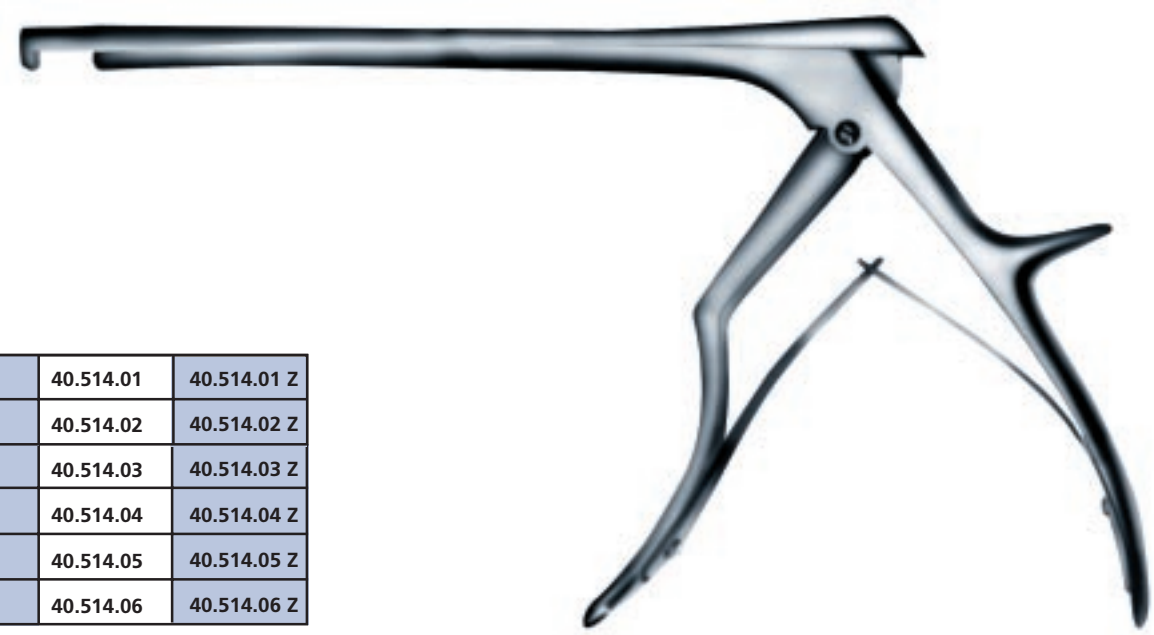
width
mm

1	**40.513.01**
2	**40.513.02**
3	**40.513.03**
4	**40.513.04**
5	**40.513.05**
6	**40.513.06**

FERRIS SMITH KERRISON
40.513.01 - 40.513.06
18 cm



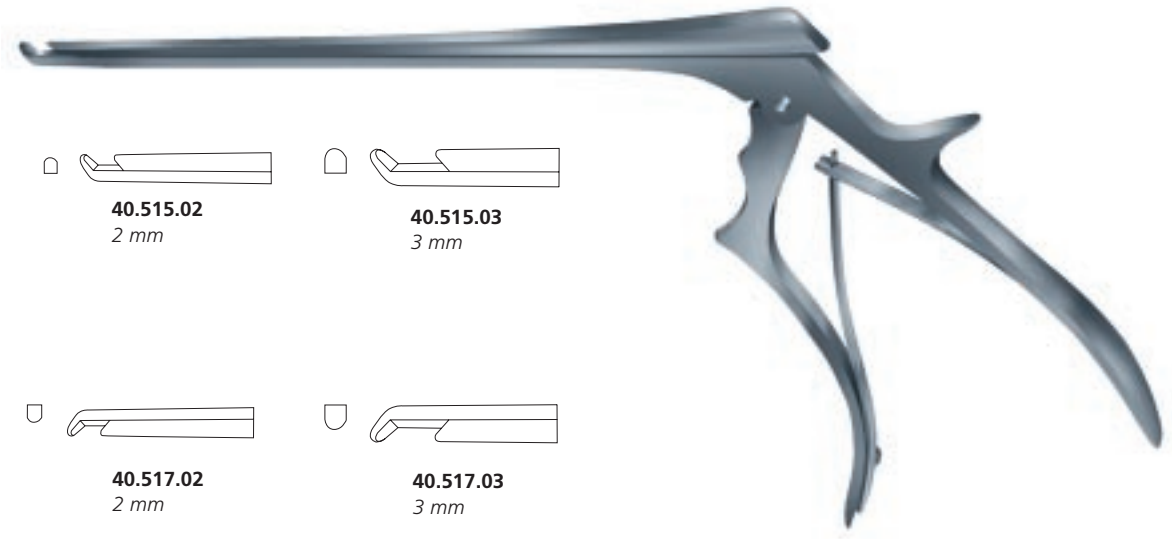
90⁰ down

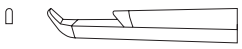


width
mm

1	**40.514.01**	**40.514.01 Z**
2	**40.514.02**	**40.514.02 Z**
3	**40.514.03**	**40.514.03 Z**
4	**40.514.04**	**40.514.04 Z**
5	**40.514.05**	**40.514.05 Z**
6	**40.514.06**	**40.514.06 Z**

FERRIS SMITH KERRISON
40.514.01 - 40.514.06 Z
20 cm

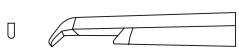




40.515.01
1 mm

40.515.02
2 mm

40.515.03
3 mm

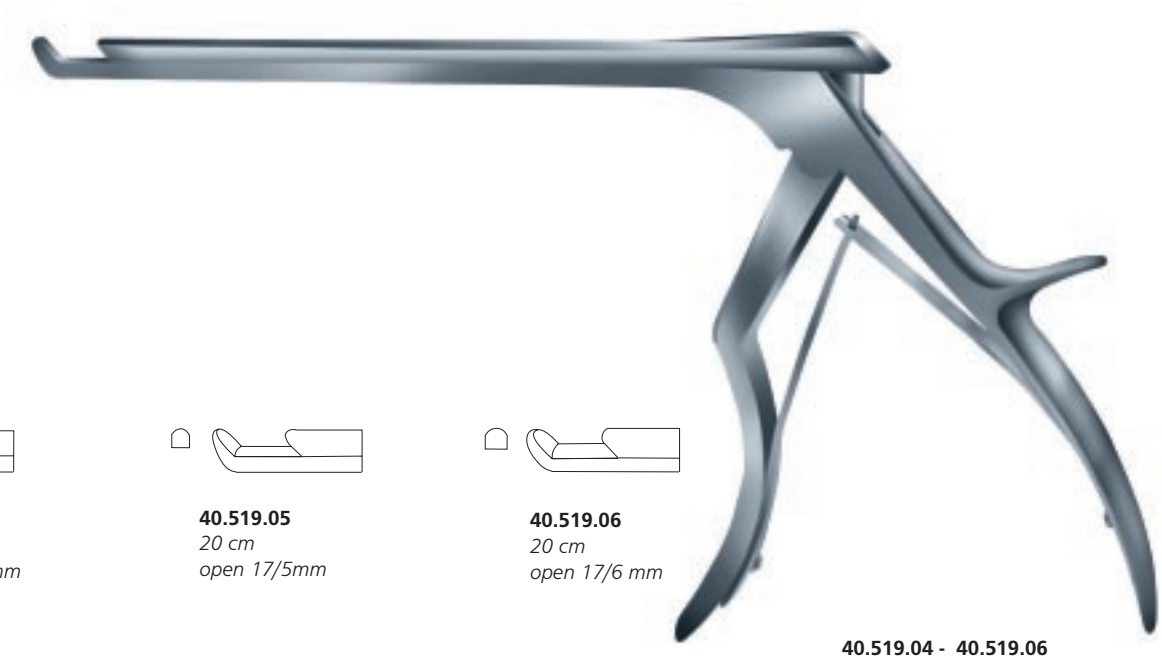


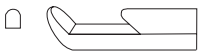
40.517.01
1 mm

40.517.02
2 mm

40.517.03
3 mm

40.515.01 - 40.517.03
17.5 cm



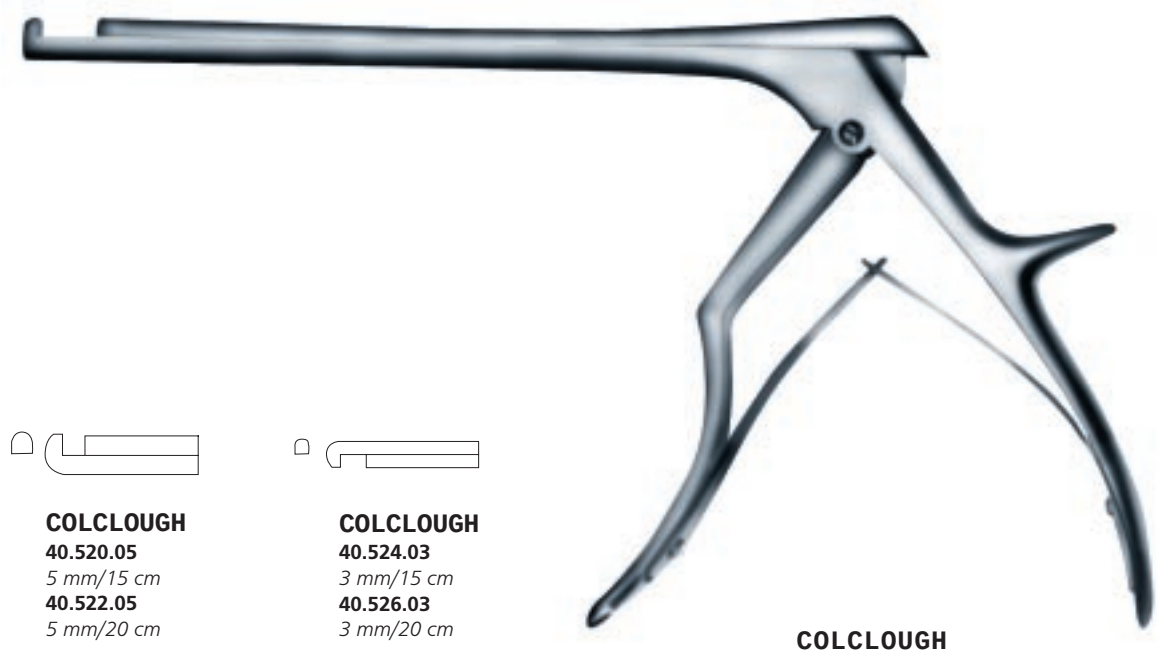


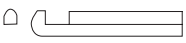
40.519.04
20 cm
open 17/4mm

40.519.05
20 cm
open 17/5mm

40.519.06
20 cm
open 17/6 mm

40.519.04 - 40.519.06

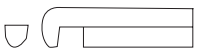




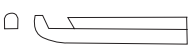
COLCLOUGH
40.520.03
3 mm/15 cm
40.522.03
3 mm/20 cm

COLCLOUGH
40.520.05
5 mm/15 cm
40.522.05
5 mm/20 cm

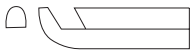
COLCLOUGH
40.524.03
3 mm/15 cm
40.526.03
3 mm/20 cm



COLCLOUGH
40.524.05
5mm/15 cm
40.526.05
5 mm/20 cm

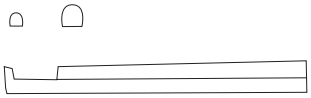


COLCLOUGH
40.527.03
3 mm/15 cm
40.529.03
3 mm/20 cm



COLCLOUGH
40.527.05
5 mm/15 cm
40.529.05
5 mm/20 cm

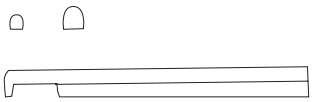
COLCLOUGH
40.520.03 - 40.529.05



SCHLESING
40.530.03 - 40.532.05

mm/cm

3/15	**40.530.03**
5/15	**40.530.05**
3/20	**40.532.03**
5/20	**40.532.05**



SCHLESING
40.534.03 - 40.536.05

mm/cm

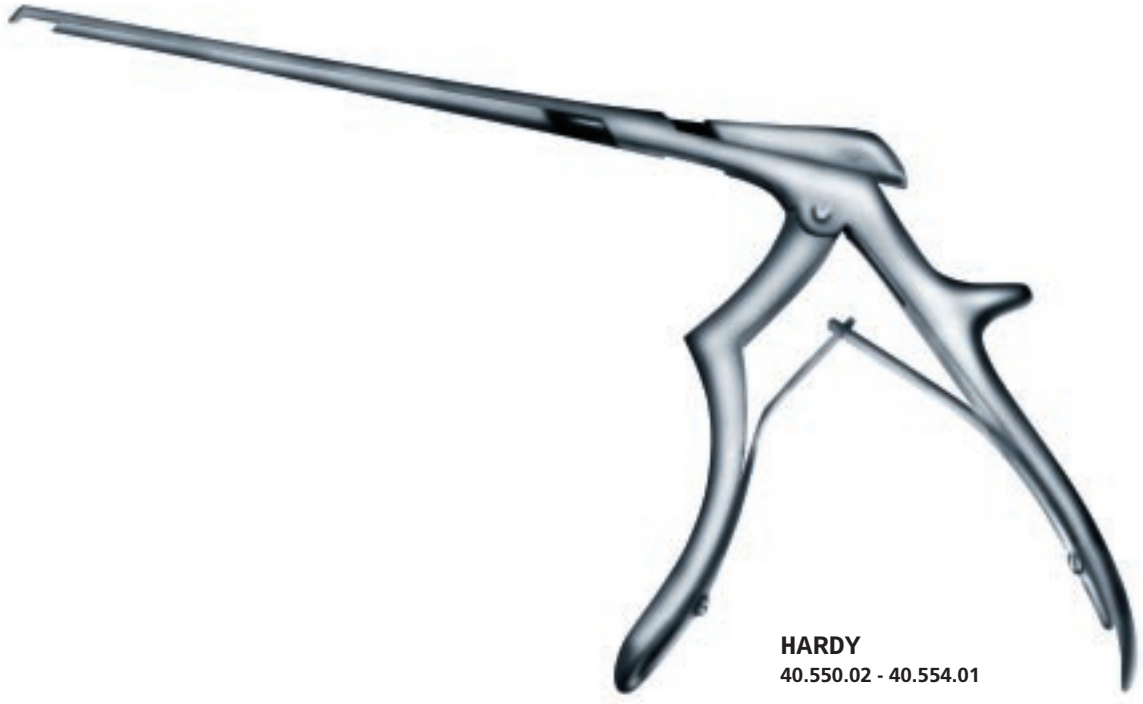
3/15	**40.534.03**
5/15	**40.534.05**
3/20	**40.536.03**
5/20	**40.536.05**



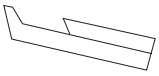
SCHLESING
40.538.03 - 40.540.05
40°

mm/cm

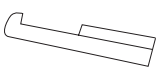
3/15	**40.538.03**
3/15	**40.538.05**
3/20	**40.540.03**
5/20	**40.540.05**



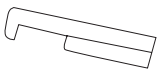
HARDY
40.550.02 - 40.554.01



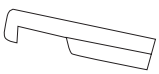
HARDY
40.550.02
40°
2 mm/18 cm



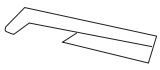
HARDY
40.551.02
90°
2 mm/18 cm



HARDY
40.552.02
90°
2 mm/18 cm



HARDY
40.553.02
40°
2 mm/18 cm



HARDY
40.554.01
40°
1mm/18 cm

see also punches in chapter 46, eg. 46.303.03 ff.

DEWIMED **ANEURYSM CLIPS for pemanent and temporary occlusion.**

DEWIMED ANEURYSM CLIPS are used to ligate cerebral aneurysms.

The high quality clips are available in two types:

PERMANENT

for permanent ligation with a high and safe pressure up to 200 g / 1,96 N. This clips are used as long-lasting implants.

TEMPORARY

for temporary ligation with a lower pressure up to 90 g / 0,88 N for an intermediate ligature of vessels.

DEWIMED ANEURYSM CLIPS are manufactured from high-grade materials:
DEWIMED TITANIUM ANEURYSM CLIPS TiAl6V4 / ISO 5832-II, are made from non-ferro- magnetic TITANIUM material and are therefore MR compatible.
DEWIMED STAINLESS STEEL ANEURYSM CLIPS ISO 5832-I, are manufactured from a high-grade implant steel alloy.

DEWIMED ANEURYSM CLIPS are available in different shapes, allowing the surgeon to choose the one best suited for a given indication:

- jaw lengths 3 mm to 20 mm
- straight - curved - angled - bayonet-shaped
- fenestrated and unfenestrated

Each individual clip is subjected to continuous quality control during and following production, allowing the reliability of the clip to be monitored. In addition to individual final inspection of finish and surfaces, every **DEWIMED** ANEURYSM CLIP is tested for its clamping force using an electronic, computercontrolled, calibrated balance. This inspection follows the procedures laid down in ISO 9713.

Under these procedures, the clamping force is determined for a 1 mm jaw opening along 1/3 of the jaw length (figure 1). This value is logged and can be determined at any time via batch tracing.

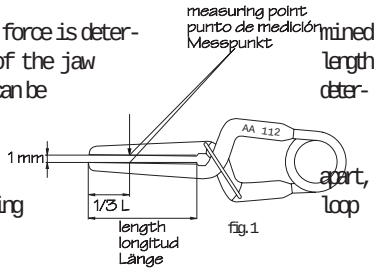


fig.1

To prevent the jaws from coming apart, each clip is fitted with a unique locking loop at the end of the jaws (figure 2).

Each clip is provided with an individual serial number, allowing traceability back to the raw material (figure 3).

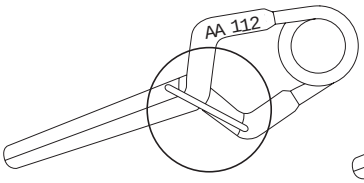


fig.2

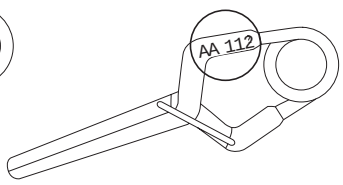


fig.3

DEWIMED ANEURYSM CLIPS are colour-coded for easy identification:

TItanium

permanent	*standard*	*titanium blue*
permanent	*mini*	*purple*
temporary	*standard*	*gold*
temporary	*mini*	*gold*

Stainless Steel

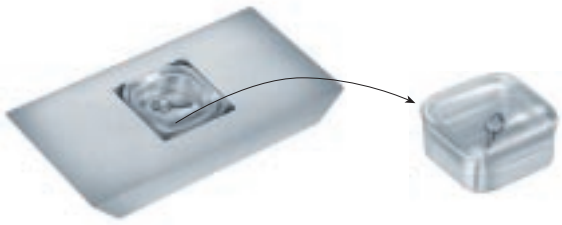
permanent	*standard*	*grey*
permanent	*mini*	*grey*
temporary	*standard*	*grey jaws / gold spring*
temporary	*mini*	*grey jaws / gold spring*

DEWIMED ANEURYSM CLIPS are packed individually.

The packaging consists of
folding box = outer packaging



Membrane inner
container = primary packaging



A sandwich label which can be detached and used for documentation purposes in the patient file and also for reordering is attached both to the outer packaging and also inside the packaging.

This label carries the following information:

article no.
model
picture
serial number
clamping force
warning



For detailed Information please ask for our brochure **DEWIMED** ANEURYSM CLIPS, and read the description of use in each **DEWIMED** ANEURYSM CLIP package.

DEWIMED clips de aneurisma de oclusión permanente y temporal.

Los **DEWIMED** Clips de Aneurisma se utilizan para ocluir aneurismas cerebrales, distinguiéndose entre:
PERMANENTES
para oclusiones permanentes (duraderas) hasta 200 g / 1,96 N. Estos clips son usados como implantes duraderos.

TEMPORALES
para oclusiones temporales hasta 90 g / 0.88 N de vasos.

Los **DEWIMED** clips de aneurisma están fabricados con un material de alta calidad:
DEWIMED CLIPS DE ANEURISMAS DE TITANIO TiAl6V4 / ISO 5832-II, es de un material no ferromagnético, y por lo tanto compatible con la RM.
DEWIMED CLIPS DE ANEURISMAS DE ACERO INOXIDABLE ISO 5832-I, se fabrican a base de una aleación de acero de alta calidad para implantes.

Los clips para aneurismas de **DEWIMED** se fabrican en diferentes figuras; su utilización está en función de la indicación y de la elección por parte del cirujano:
- longitudes de boca de 3 mm a 20 mm
- rectos - curvos - acodados - en forma de bayoneta
- fenestrados y no fenestrados

Todos y cada uno de los clips se someten a un control de calidad permanente durante y al final de la producción a fin de comprobar la seguridad del clip. Aparte de este control final de la elaboración y de las superficies, se examina también la presión de cierre de cada clip de aneurisma de **DEWIMED** mediante una balanza electrónica, controlada por ordenador y calibrada. Este control se lleva a cabo en base a la norma ISO 9713.

Para ello se determina la presión de cierre en una apertura de boca de 1 mm y 1/3 de la longitud de boca (fig. 1). Este valor queda registrado en el protocolo y puede comprobarse en todo momento mediante la seguibilidad del lote.

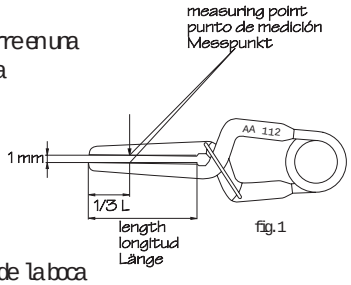


fig. 1

Todo clip va provisto en el extremo de la boca de un circlip único para impedir el desvío de las mordazas (fig. 2).

A cada clip se le asigna un número de serie individual que permite su trazabilidad hasta la materia prima (fig. 3).

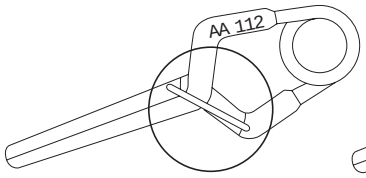


fig. 2

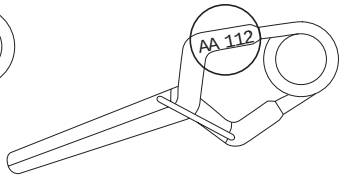


fig. 3

Todos los **DEWIMED** clips de aneurisma disponen de una codificación con colores para su fácil identificación

Titanio

permanente	*estandar*	*azul titanio*
permanente	*mini*	*lila*
temporal	*estandar*	*oro*
temporal	*mini*	*oro*

Acero Inoxidable

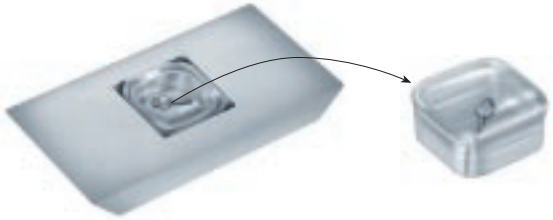
permanente	*estandar*	*gris*
permanente	*mini*	*gris*
temporal	*estandar*	*boca gris / resorte oro*
temporal	*mini*	*boca gris / resorte oro*

Cada clip de aneurisma de **DEWIMED** viene en un embalaje individual.

El embalaje consta de
caja plegable = embalaje externo



Envase interior de
membrana = embalaje primario



Tanto sobre del embalaje externo como dentro del embalaje se encuentra una etiqueta tipo sandwich que puede despegarse para documentar el acta del paciente y para realizar nuevos pedidos.

Esta etiqueta contiene la siguiente información:

No. de artículo
Modelo
Ilustración
Número de serie
Presión de cierre
Advertencia



Para información más detallada, pregunte por el folleto **DEWIMED** clips de aneurisma y lea las instrucciones de uso anexos al empaque de cada clip.

DEWIMED ANEURYSMEN CLIPS für permanente und temporäre Okklusion.

Die **DEWIMED** ANEURISMEN CLIPS werden zur Unterbindung von zerebralen Aneurismen verwendet. Dabei wird unterschieden in:
PERMANENT
für permanente (dauerhafte) Unterbindung. Druck über 200 g / 1.96 N.
und
TEMPORÄR
für vorübergehende Unterbindung von Gefäßen. Druck über 90 g / 0.88 N.

DEWIMED ANEURYSMEN CLIPS werden aus hochwertigem Material hergestellt:
DEWIMED TITAN ANEURYSMEN CLIPS TiAl6V4/ ISO 5832-II, ist aus nicht ferromagnetischem Material und daher MR-kompatibel
DEWIMED EDELSTEHL ANEURYSMEN CLIPS ISO 5832-I, werden aus einer hochwertigen Implantate-Stahl-Legierung hergestellt.

Die **DEWIMED** ANEURYSMEN CLIPS werden in unterschiedlichen Figuren hergestellt, die, je nach Indikation und Auswahl durch den Chirurgen, zum Einsatz kommen:
- Maullängen von 3 mm bis 20 mm
- gerade - gebogen - abgewinkelt - bajonettförmig
- gefenstert und ungefenstert

Jeder einzelne Clip unterliegt einer permanenten Qualitätskontrolle während und zum Schluß der Produktion, womit die Sicherheit des Clips kontrolliert wird. Neben der einzelnen Schlußprüfung von Verarbeitung und Oberflächen wird jeder **DEWIMED** ANEURISMEN CLIP auf seine Schließkraft mittels einer elektronischen, computergesteuerten und geeichten Waage überprüft. Diese Überprüfung erfolgt entsprechend der ISO 9713.

Hierbei wird die Schließkraft bei einer Maulöffnung von 1 mm bei 1/3 der Maullänge ermittelt (Abb. 1).
Dieser Wert wird in einem Protokoll festgehalten und kann über die Chargenrückverfolgung jederzeit festgestellt werden.

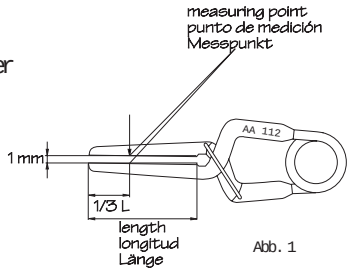


Abb. 1

Um das Ausscheren der Maulteile zu verhindern, besitzt jeder Clip einen einzigartigen Sicherungsbügel am Maulende (Abb. 2).

Jeder Clip wird mit einer individuellen Serien-Nummer versehen, der die Rückverfolgung bis zum Rohmaterial zuläßt (Abb.3).

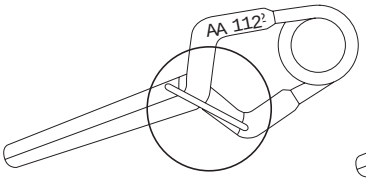


Abb. 2

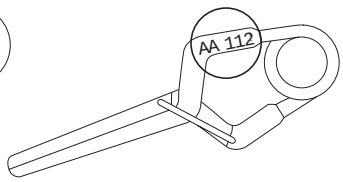


Abb. 3

Alle **DEWIMED** ANEURYSMEN CLIPS werden zur leichten Identifikation mit einer farblichen Codierung gekennzeichnet:

Titan

permanent	*standard*	*titanblau*
permanent	*mini*	*lila*
temporär	*standard*	*gold*
temporär	*mini*	*gold*

Edelstehl

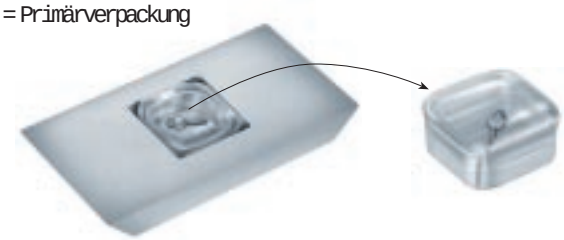
permanent	*standard*	*grau*
permanent	*mini*	*grau*
temporär	*standard*	*Maul grau / Feder gold*
temporär	*mini*	*Maul grau / Feder gold*

Jeder **DEWIMED** ANEURYSMEN CLIP ist einzeln verpackt.

Die Verpackung besteht aus
Faltschachtel = Aussenverpackung



Membran
Innendose = Primärverpackung



Sowohl auf der Aussenverpackung als auch in der Verpackung ist ein Sandwich-Etikett angebracht, das zur Dokumentation für die Patientenakte und für Nachbestellungen abgelöst werden kann.

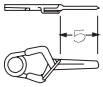
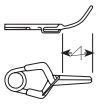
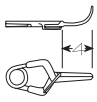
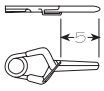
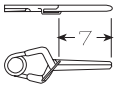
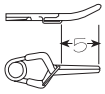
Dieses Etikett enthält folgende Informationen:

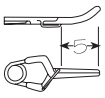
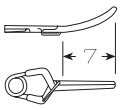
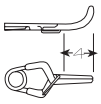
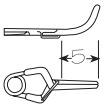
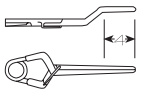
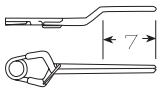
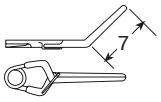
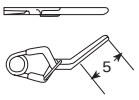
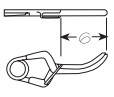
Artikel-Nummer
Typ
Abbildung
Serien-Nummer
Schließkraft
Warnhinweis



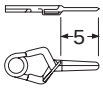
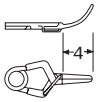
Für detaillierte Informationen fragen die nach dem **DEWIMED** ANEURYSMEN CLIP Katalog und lesen die dem Clip beigepackten Produktinformation und Beschreiburg.

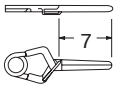
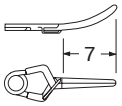
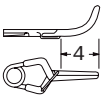
Dewimed mini permanent

	opening (mm)	length (mm)	force g / N		
	3.3	3	110 / 1.08	40.570.33	40.570.33 T
	4.0	5	110 / 1.08	40.572.40	40.572.40 T
	3.2	3	110 / 1.08	40.580.32	40.580.32 T
	3.8	4	110 / 1.08	40.582.38	40.582.38 T
	3.6	4	110 / 1.08	40.590.36	40.590.36 T
	3.3	3	110 / 1.08	40.600.33	40.600.33 T
	4.0	5	110 / 1.08	40.602.40	40.602.40 T
	4.6	7	110 / 1.08	40.604.46	40.604.46 T
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	3.8	5	110 / 1.08	40.610.38	40.610.38 T

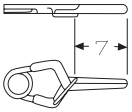
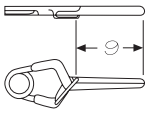
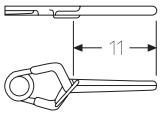
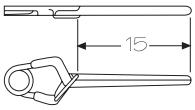
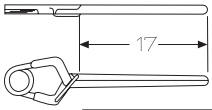
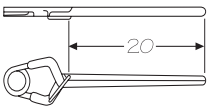
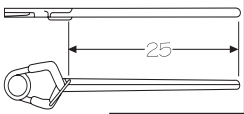
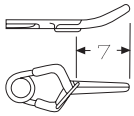
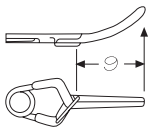
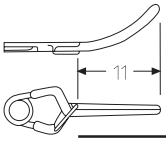
	opening (mm)	length (mm)	force g / N		
	3.6	4	110 / 1.08	40.575.36	40.575.36 T
	4.0	5	110 / 1.08	40.576.40	40.576.40 T
	4.4	7	110 / 1.08	40.612.44	40.612.44 T
	3.5	4	110 / 1.08	40.620.35	40.620.35 T
	4.0	5	110 / 1.08	40.722.40	40.722.40 T
	7.5	4	130 / 1.28	40.577.70	40.577.70 T
	5.7	7	130 / 1.28	40.730.57	40.730.57 T
	4.5	7	130 / 1.28	40.740.45	40.740.45 T
	3.5	5	130 / 1.28	40.750.35	40.750.35 T
	6	6	200 / 1.96	40.578.60	40.578.60 T

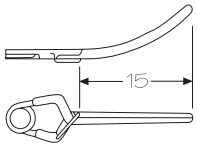
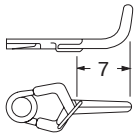
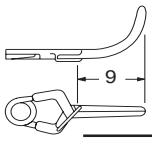
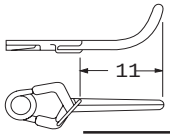
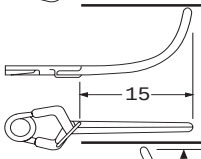
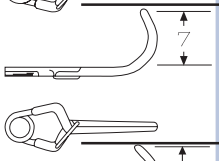
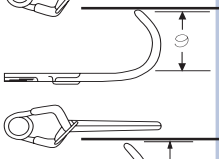
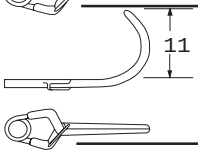
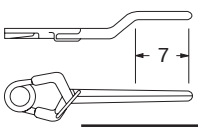
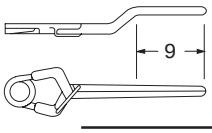
Dewimed mini temporary

	opening (mm)	length (mm)	force g / N		
	3.3	3	50 / 0.49	**40.571.33**	**40.571.33 T**
	4.0	5	50 / 0.49	**40.573.40**	**40.573.40 T**
	3.8	5	50 / 0.49	**40.583.38**	**40.583.38 T**

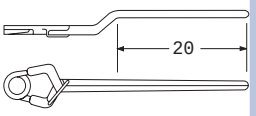
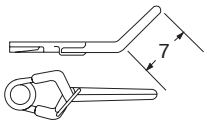
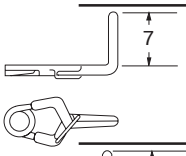
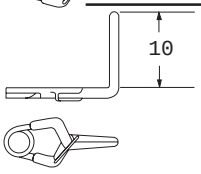
	opening (mm)	length (mm)	force g / N		
	4.6	7	70 / 0.69	**40.605.46**	**40.605.46 T**
	4.4	7	70 / 0.69	**40.613.44**	**40.613.44 T**
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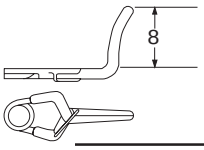
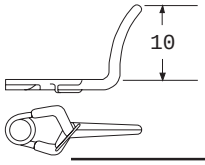
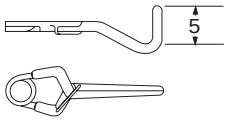
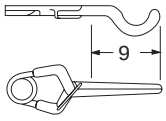
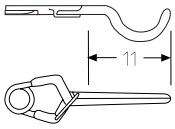
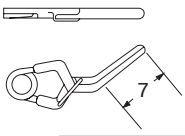
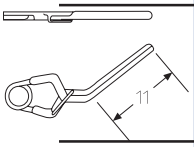
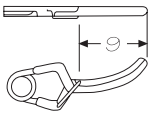
Dewimed standard permanent

	opening (mm)	length (mm)	force g / N		
	6.2	7	150 / 1.47	**40.760.62**	**40.760.62 T**
	7.0	9	180 / 1.77	**40.762.70**	**40.762.70 T**
	7.8	11	180 / 1.77	**40.764.78**	**40.764.78 T**
	9.2	15	200 / 1.96	**40.766.92**	**40.766.92 T**
	10.6	17	200 / 1.96	**40.579.06**	**40.579.06 T**
	11.4	20	200 / 1.96	**40.768.11**	**40.768.11 T**
	13.3	25	200 / 1.96	**40.770.13**	**40.770.13 T**
	6.0	7	150 / 1.47	**40.780.60**	**40.780.60 T**
	6.8	9	180 / 1.77	**40.782.68**	**40.782.68 T**
	7.5	11	180 / 1.77	**40.784.75**	**40.784.75 T**

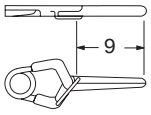
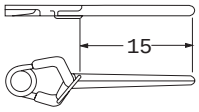
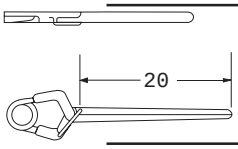
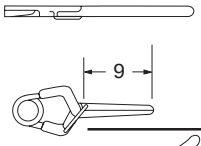
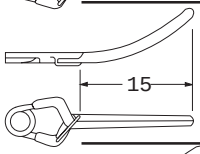
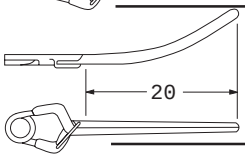
	opening (mm)	length (mm)	force g / N		
	8.7	15	200 / 1.96	**40.786.87**	**40.786.87 T**
	5.5	7	150 / 1.47	**40.790.55**	**40.790.55 T**
	6.1	9	180 / 1.77	**40.792.61**	**40.792.61 T**
	6.5	11	180 / 1.96	**40.794.65**	**40.794.65 T**
	7.4	15	200 / 1.96	**40.796.74**	**40.796.74 T**
	5.4	7	180 / 1.77	**40.580.54**	**40.580.54 T**
	5.8	9	180 / 1.77	**40.581.58**	**40.581.58 T**
	6.2	11	180 / 1.77	**40.582.62**	**40.582.62 T**
	7.9	7	200 / 1.96	**40.798.79**	**40.798.79 T**
	8.7	9	200 / 1.96	**40.800.87**	**40.800.87 T**

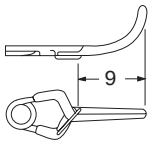
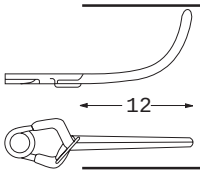
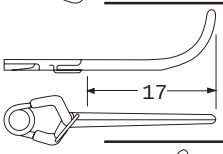
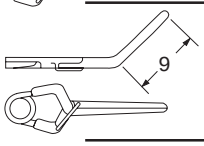
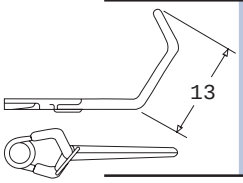
Dewimed standard permanent

	opening (mm)	length (mm)	force g / N		
	10.2	12	200 / 1.96	40.583.02	40.583.02 T
	11.9	17	180 / 1.77	40.584.12	40.584.12 T
	13.0	20	180 / 1.77	40.802.13	40.802.13 T
	6.2	5	200/1.96	40.585.62	40.585.62 T
	6.5	7	200/1.96	40.810.65	40.810.65 T
	7.8	9	200/1.96	40.586.78	40.586.78 T
	8.4	11	200 / 1.96	40.587.84	40.587.84 T
	5.6	7	200 / 1.96	40.820.45	40.820.45 T
	5.6	10	200 / 1.96	40.589.56	40.589.56 T

	opening (mm)	length (mm)	force g / N		
	5.4	8	200 / 1.96	40.590.54	40.590.54 T
	5.6	10	200 / 1.96	40.591.56	40.591.56 T
	7.2	5	200 / 1.96	40.592.72	40.592.72 T
	7.2	9	200 / 1.96	40.593.72	40.593.72 T
	8.2	11	200 / 1.96	40.594.82	40.594.82 T
	5.7	7	200 / 1.96	40.830.57	40.830.57 T
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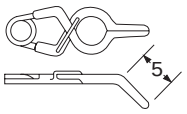
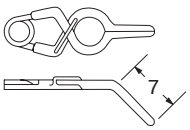
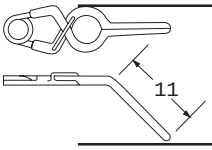
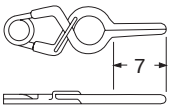
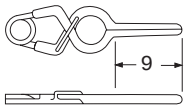
Dewimed standard temporary

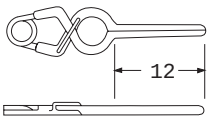
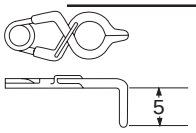
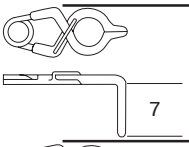
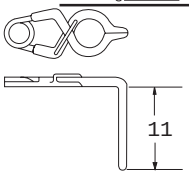
	opening (mm)	length (mm)	force g / N		
	7.0	9	70 / 0.69	**40.763.70**	**40.763.70 T**
	9.2	15	70 / 0.69	**40.767.92**	**40.767.92 T**
	11.4	20	90 / 0.88	**40.769.11**	**40.769.11 T**
	6.8	9	70 / 0.69	**40.783.68**	**40.783.68 T**
	8.7.	15	70 / 0.69	**40.787.87**	**40.787.87 T**
	11.0	20	90 / 0.88	**40.789.11**	**40.789.11 T**

	opening (mm)	length (mm)	force g / N		
	6.1	9	70 / 0.69	**40.795.67**	**40.795.67 T**
	7.4	15	70 / 0.69	**40.797.74**	**40.797.74 T**
	9.9	17	90 / 0.88	**40.597.99**	**40.597.99 T**
	6.2	9	70 / 0.69	**40.598.62**	**40.598.62 T**
	7.5	13	90 / 0.88	**40.599.75**	**40.599.75 T**

Dewimed standard fenestrated

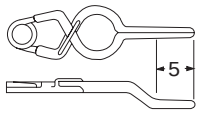
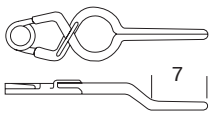
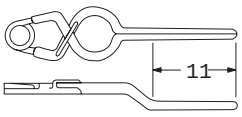
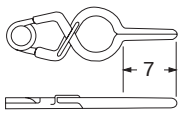
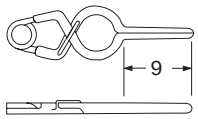
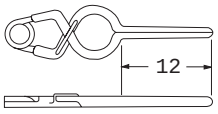
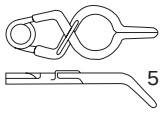
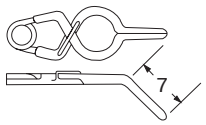
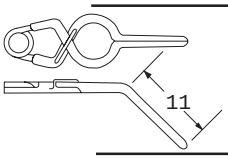
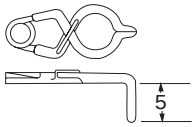
ø 3.5 mm

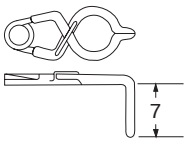
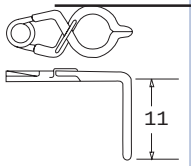
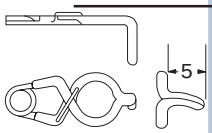
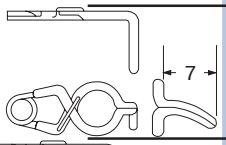
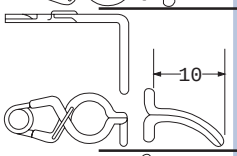
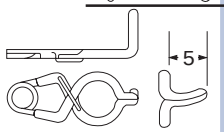
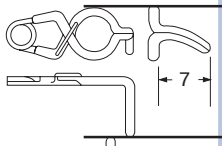
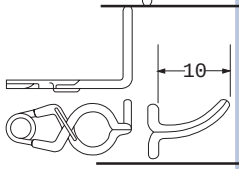
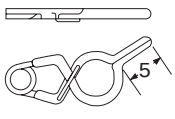
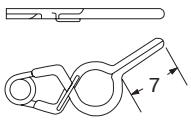
	opening (mm)	length (mm)	force g / N		
	5.8	5	150 / 1.47	**40.900.58**	**40.900.58 T**
	6.5	7	150 / 1.47	**40.902.65**	**40.902.65 T**
	7.2	11	180 / 1.77	**40.904.72**	**40.904.72 T**
	7.4	7	150 / 1.47	**40.910.74**	**40.910.74 T**
	8.4	9	150 / 1.47	**40.912.84**	**40.912.84 T**

	opening (mm)	length (mm)	force g / N		
	9.6	12	180 / 1.77	**40.914.96**	**40.914.96 T**
	4.9	5	150 / 1.47	**40.920.49**	**40.920.49 T**
	4.9	7	150 / 1.47	**40.922.49**	**40.922.49 T**
	4.9	11	150 / 1.47	**40.924.49**	**40.924.49 T**

Dewimed standard fenestrated

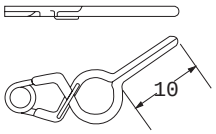
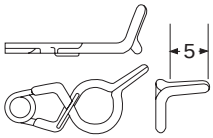
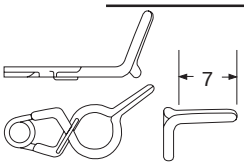
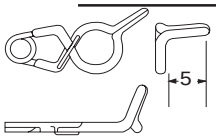
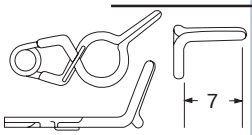
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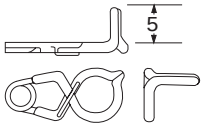
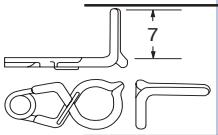
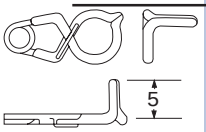
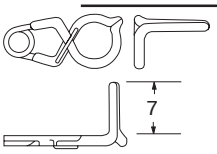
	opening (mm)	length (mm)	force g / N		
	7.9	5	150 / 1.47	**40.930.79**	**40.930.79 T**
	8.8	7	150 / 1.47	**40.932.88**	**40.932.88 T**
	10.0	11	150 / 1.47	**40.934.10**	**40.934.10 T**
	7.9	7	150 / 1.47	**40.940.79**	**40.940.79 T**
	9.1	9	150 / 1.47	**40.942.91**	**40.942.91 T**
	10.3	12	180 / 1.77	**40.944.10**	**40.944.10 T**
	6.5	5	150 / 1.47	**40.950.65**	**40.950.65 T**
	7.2	7	150 / 1.47	**40.952.72**	**40.952.72 T**
	7.8	11	180 / 1.77	**40.954.78**	**40.954.78 T**
	5.5	5	150 / 1.47	**40.960.55**	**40.960.55 T**

	opening (mm)	length (mm)	force g / N		
	5.5	7	150 / 1.47	**40.962.55**	**40.962.55 T**
	5.5	11	180 / 1.77	**40.964.55**	**40.964.55 T**
	5.8	5	150 / 1.47	**40.600.58**	**40.600.58 T**
	5.8	7	150 / 1.47	**40.601.58**	**40.601.58 T**
	5.8	7	150 / 1.47	**40.602.58**	**40.602.58 T**
	5.8	5	150 / 1.47	**40.603.58**	**40.603.58 T**
	5.8	7	150 / 1.47	**40.604.58**	**40.604.58 T**
	5.8	10	150 / 1.47	**40.605.58**	**40.605.58 T**
	7	5	150 / 1.47	**40.606.70**	**40.606.70 T**
	7.8	7	150 / 1.47	**40.607.78**	**40.607.78 T**

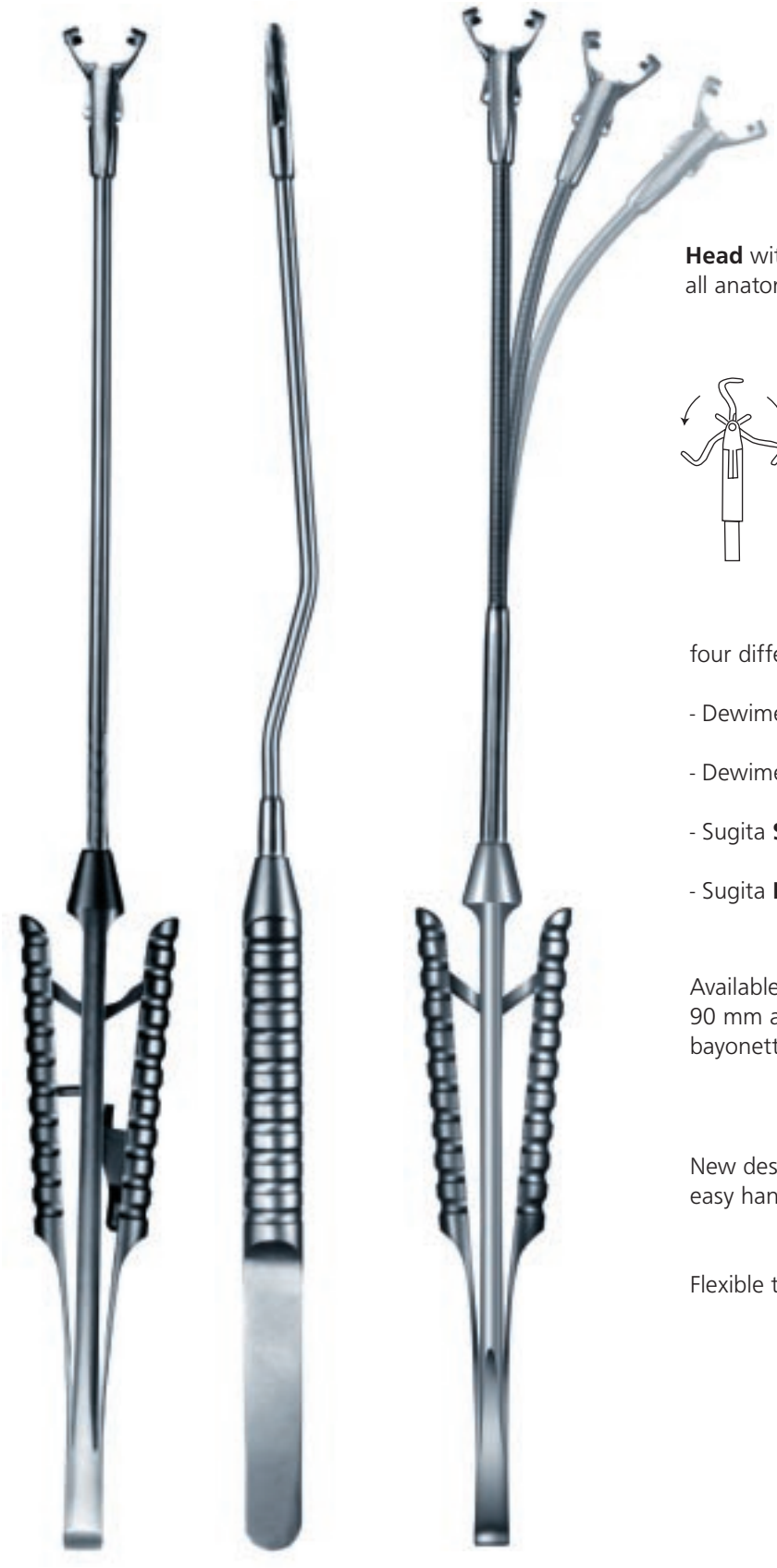
Dewimed standard fenestrated

ø 5 mm

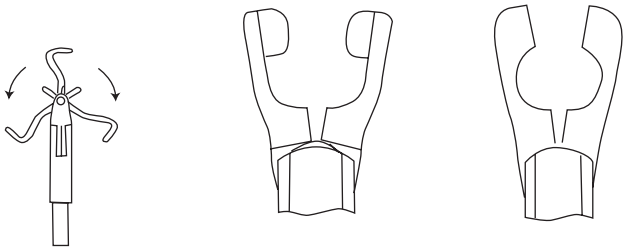
	opening (mm)	length (mm)	force g / N		
	8.8	10	150 / 1.47	**40.608.88**	**40.608.88 T**
	5.8	5	150 / 1.47	**40.609.58**	**40.609.58 T**
	6.2	7	150 / 1.47	**40.610.62**	**40.610.62 T**
	6.8	5	150 / 1.47	**40.611.68**	**40.611.68 T**
	6.2	7	150 / 1.47	**40.612.62**	**40.612.62 T**

	opening (mm)	length (mm)	force g / N		
	5.6	5	150 / 1.47	**40.613.56**	**40.613.56 T**
	5.6	7	150 / 1.47	**40.614.56**	**40.614.56 T**
	5.6	5	150 / 1.47	**40.615.56**	**40.615.56 T**
	5.6	7	150 / 1.47	**40.616.56**	**40.616.56 T**

MALU Aneurysm Clip Applying Forceps



Head with straight or rotatable jaws allows to reach all anatomic situations.



four different sizes available for

- Dewimed **MINI** Aneurysm Clips
- Dewimed **STANDARD** Aneurysm Clips
- Sugita **STANDARD** Aneurysm Clips
- Sugita **LARGE** Aneurysm Clips

Available in working length of 70 mm, 90 mm and 110 mm in straight, rotatable, bayonettand/or flexible design

New designed handpiece for secure and easy handling.

Flexible type without lock.



MALU applier Dewimed mini

40.779.10 - 40.779.91

rigid	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.779.10**
rotating			**40.779.11**
non rotating	**40.779.70**		
rotating	**40.779.71**		
non rotating		**40.779.90**	
rotating		**40.779.91**	

MALU applier Dewimed standard

40.780.10 - 40.780.91

rigid	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.780.10**
rotating			**40.780.11**
non rotating	**40.780.70**		
rotating	**40.780.71**		
non rotating		**40.780.90**	
rotating		**40.780.91**	

MALU applier Sugita large

40.780.10 S - 40.779.91 S

rigid	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.780.10 S**
rotating			**40.780.11 S**
non rotating	**40.780.70 S**		
rotating	**40.780.71 S**		
non rotating		**40.780.90 S**	
rotating		**40.780.91 S**	

MALU applier Sugita standard

40.779.10 S - 40.779.91 S

rigid	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.779.10 S**
rotating			**40.779.11 S**
non rotating	**40.779.70 S**		
rotating	**40.779.71 S**		
non rotating		**40.779.90 S**	
rotating		**40.779.91 S**	

MALU applier Dewimed mini
40.779.12 - 40.779.93

360° revolving	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.779.12**
rotating			**40.779.13**
non rotating	**40.779.72**		
rotating	**40.779.73**		
non rotating		**40.779.92**	
rotating		**40.779.93**	

MALU applier Dewimed standard
40.780.12 - 40.780.93

360° revolving	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.780.12**
rotating			**40.780.13**
non rotating	**40.780.72**		
rotating	**40.780.73**		
non rotating		**40.780.92**	
rotating		**40.780.93**	

MALU applier Sugita large
40.780.12 S - 40.780.93 S

360° revolving	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.780.12 S**
rotating			**40.780.13 S**
non rotating	**40.780.72 S**		
rotating	**40.780.73 S**		
non rotating		**40.780.92 S**	
rotating		**40.780.93 S**	

MALU applier Sugita standard
40.779.12 S - 40.779.93 S

360° revolving	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.779.12 S**
rotating			**40.779.13 S**
non rotating	**40.779.72 S**		
rotating	**40.779.73 S**		
non rotating		**40.779.92 S**	
rotating		**40.779.93 S**	





MALU applier Dewimed mini
40.781.10 - 40.781.91

bayonet-shaped	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.781.10**
rotating			**40.781.11**
non rotating	**40.781.70**		
rotating	**40.781.71**		
non rotating		**40.781.90**	
rotating		**40.781.91**	

MALU applier Dewimed standard
40.782.10 - 40.782.91

bayonet-sharped	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.782.10**
rotating			**40.782.11**
non rotating	**40.782.70**		
rotating	**40.782.71**		
non rotating		**40.782.90**	
rotating		**40.782.91**	

MALU applier Sugita large
40.782.10 S - 40.782.91 S

bayonet-shaped	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.782.10 S**
rotating			**40.782.11 S**
non rotating	**40.782.70 S**		
rotating	**40.782.71 S**		
non rotating		**40.782.90 S**	
rotating		**40.782.91 S**	

MALU applier Sugita standard
40.781.10 S - 40.781.91 S

bayonet-shaped	*70 mm*	*90 mm*	*110 mm*
non rotating			**40.781.10 S**
rotating			**40.781.11 S**
non rotating	**40.781.70 S**		
rotating	**40.781.71 S**		
non rotating		**40.781.90 S**	
rotating		**40.781.91 S**	



MALU applier Dewimed mini
40.775.10 - 40.775.91

flexible	*70 mm*	*90 mm*	*110 mm*
rotating			**40.775.10**
non rotating			**40.775.11**
rotating	**40.775.70**		
non rotating	**40.775.71**		
rotating		**40.775.90**	
non rotating		**40.775.91**	

MALU applier Dewimed standard
40.776.10 - 40.776.91

flexible	*70 mm*	*90 mm*	*110 mm*
rotating			**40.776.10**
non rotating			**40.776.11**
rotating	**40.776.70**		
non rotating	**40.776.71**		
rotating		**40.776.90**	
non rotating		**40.776.91**	

MALU applier Sugita large
40.776.10 S - 40.776.91 S

flexible	*70 mm*	*90 mm*	*110 mm*
rotating			**40.776.10 S**
non rotating			**40.776.11 S**
rotating	**40.776.70 S**		
non rotating	**40.776.71 S**		
rotating		**40.776.90 S**	
non rotating		**40.776.91 S**	

MALU applier Sugita standard
40.775.10 S - 40.775.91 S

flexible	*70 mm*	*90 mm*	*110 mm*
rotating			**40.775.10 S**
non rotating			**40.775.11 S**
rotating	**40.775.70 S**		
non rotating	**40.775.71 S**		
rotating		**40.775.90 S**	
non rotating		**40.775.91 S**	





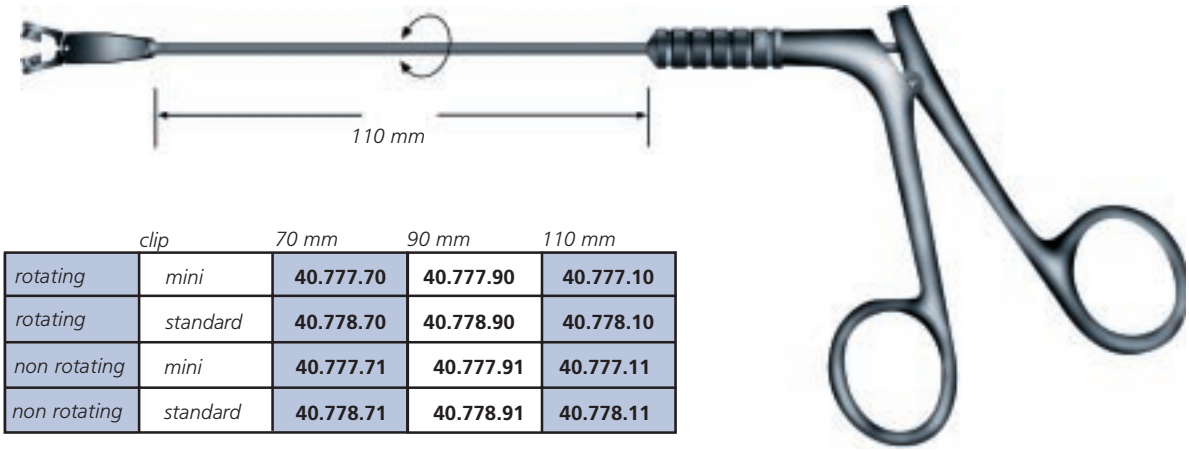
	clip	170 mm	210 mm	230 mm
non rotating	mini	**40.772.17**		
non rotating	standard	**40.774.17**		
rotating	mini	**40.772.67**		
rotating	standard	**40.774.67**		
non rotating	mini		**40.772.21**	
non rotating	standard		**40.774.21**	
rotating	mini		**40.772.71**	
rotating	standard		**40.774.71**	
non rotating	mini			**40.772.23**
non rotating	standard			**40.774.23**
rotating	mini			**40.772.73**
rotating	standard			**40.774.73**

DEWIMED
40.772.17 - 40.774.73
bayonet

	clip	180 mm
non rotating	mini	**40.772.18**
non rotating	standard	**40.774.18**
rotating	mini	**40.772.68**
rotating	standard	**40.774.68**



DEWIMED
40.772.18 - 40.774.68
straight

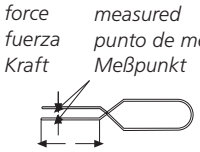


	clip	70 mm	90 mm	110 mm
rotating	mini	**40.777.70**	**40.777.90**	**40.777.10**
rotating	standard	**40.778.70**	**40.778.90**	**40.778.10**
non rotating	mini	**40.777.71**	**40.777.91**	**40.777.11**
non rotating	standard	**40.778.71**	**40.778.91**	**40.778.11**

CASPAR
40.777.10 - 40.778.91



BIEMER
40.996.14
with lock
14.5



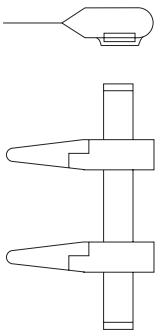


BIEMER
90.900.40 - 90.994.60

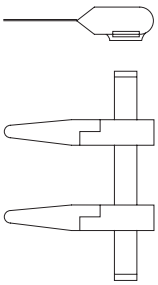
	opening (mm)	lenght (mm)	force g / N	
	4	6	30 - 40 g 0.29 - 0.39 N	**40.900.40**
	5	9	30 - 40 g 0.29 - 0.39 N	**40.992.50**
	5	6	20 - 25 g 0.20 - 0.25	**40.994.60**



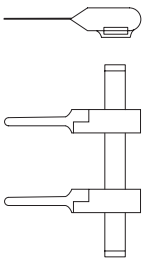
BIEMER
40.998.14
14.5 cm



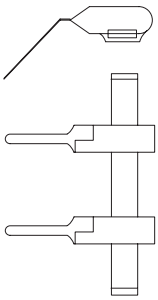
BIEMER MUELLER
40.996.30
opening 3 mm
4.5 mm



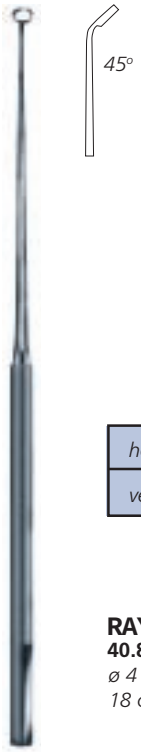
BIEMER MUELLER
40.996.50
opening 5 mm
9 mm



BIEMER MUELLER
40.998.50
opening 5 mm
9 mm



BIEMER MUELLER
40.999.50
opening 5 mm
9 mm



horizontal	**40.811.04**
vertical	**40.813.04**

RAY
40.811.04
ø 4 mm
18 cm



ø mm

4	**40.815.04**
6	**40.815.06**

HARDY
40.815.04 - 40.815.06
26 cm



NICOLA
40.817.65 - 40.819.65
ø 6.5 mm
21.5 cm



NICOLA
40.821.65
ø 6.5 mm
21.5 cm



HARDY
40.831.00 - 40.831.04
24.5 cm



40.831.01
enucleador, blunt
rechts right



40.831.02
enucleador, sharp
rechts right



40.831.03
enucleador, sharp
rechts right



40.831.04
implat fork
24.5 mm



40.832.01
dissector
24.5 cm



40.832.02
dissector
24.5 cm

HARDY FAHLBUSCH



ø mm

3	**40.850.03**
5	**40.850.05**

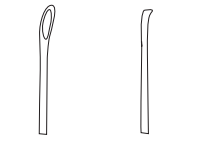
HARDY
40.850.03 - 40.850.05
angled up
24 cm



ø mm

3	**40.851.03**
5	**40.851.05**

HARDY
40.851.03 - 40.851.05
angled down
24 cm



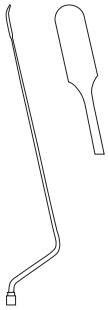
40.833.02 **40.834.02**



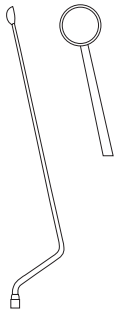
HARDY
40.833.02 - 40.834.02
tip width
24.5 mm



LANDOLT
40.835.01
malleable
26 cm



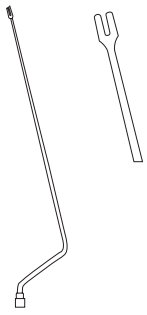
LANDOLT
40.835.02
malleable
26 cm



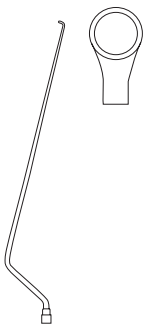
LANDOLT
40.835.03
malleable
26 cm



LANDOLT
40.835.04
malleable
26 cm



HOSOBUCHI
40.836.00
malleable
26 cm



FAHLBUSCH
40.841.25
ø 2.5mm
26 cm



LANDOLT REULEN
40.843.22
ø 2.2 mm
40.843.32
ø 3.2 mm
26 cm



40.845.25
ø 2.5 mm



40.849.20
2 mm



40.847.17
1.7 mm



45°

ø mm

3	**40.852.03**
5	**40.852.05**

HARDY
40.852.03 - 40.852.05
right
24 cm



90 °

ø mm

3	**40.853.03**
5	**40.853.05**

HARDY
40.853.03 - 40.853.05
left
24 cm



left	**40.854.05**
right	**40.855.05**

HARDY
40.854.05 - 40.855.05
ø 5 mm
24 cm



HARDY
40.856.24
23.5 cm
bayonet,
malleable.



40.859.03
21 cm
bayonet



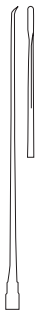
40.863.23 - 40.869.23
23 mm
curved



40.865.23



40.867.23



40.868.23



40.869.23



CUSHING LANDOLT
40.801.70 - 40.802.10

mm

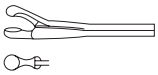
70 x15	**40.801.70**
90 x 15	**40.801.90**
110 x 15	**40.802.10**



LANDOLT
40.804.21
21 cm

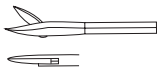


FAHLBUSCH
40.881.16
16.5 cm

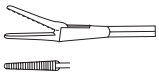


NICOLA
40.882.16
16.5 cm
ø 2.5 mm



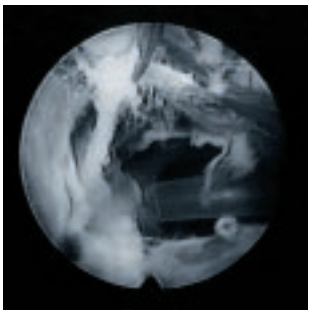


NICOLA
40.884.16
16.5 cm

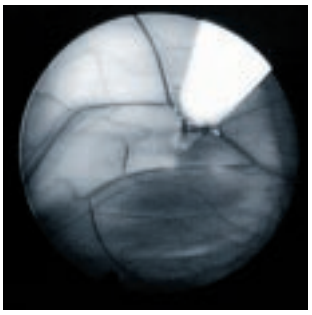


DEWIMED NICOLA
40.886.16
16.5 cm

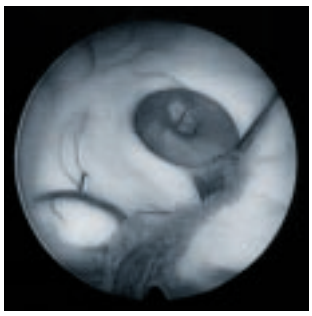
CAEMAERT neuroendoscopy
CAEMAERT neuroendoscopia
CAEMAERT Neuroendoskopie



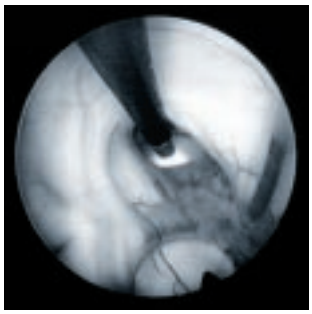
the use of cutting laser on a septum



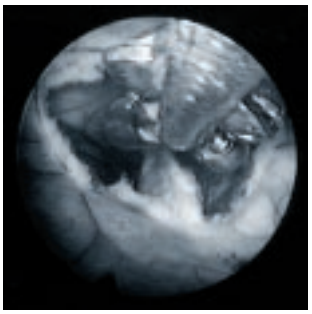
laser coagulatión of the blood vessels in a septum pelludicum



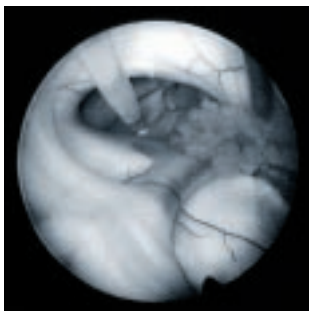
endoscopic view of a choristoma through the foramen of Monro



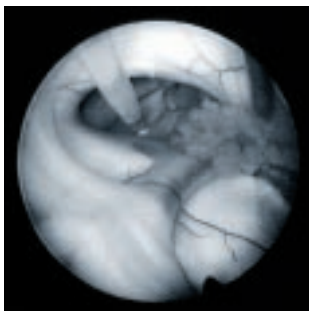
use of the flexible endoscope advanced through the foramen of monro to inspect the cyst and surroundi ngs



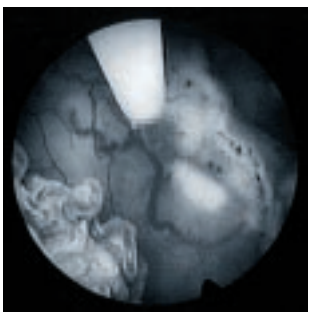
grasping a specimen with forceps



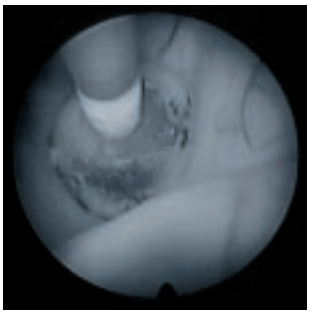
bipolar coagulation of the floor ot the third ventricle



opening of the cyst wall with a cutting laser



laser coagulatión of the surface vessels



perforation and dilatation with a balloon catheter

all endo-photos were taken during neuro-endoscopic procedures carried out by Prof. Dr. J. Caemaert.



PANOVIEW telescope
8959.431 - 8765.902

	vision angle	ø mm	working lenglth	
	5°			**8959.431**
		6 mm	295 mm	**8765.001**



flexible mini-fibrescope
7321.164
1.6 mm / 5 charrier

detachable eyepiece
active deflection of 90° in one direction
immersible and suitable for gas sterilisation

ocular desarmable
ángulo de flección de 90° hacia una dirección
sumergible y esterilizable

abnehmbares Okular
aktive Abwinkelung von 90° einseitig
einleg- und gassterilisierbar

flexible	ø	instrument charrier ø	WL	
flexible mini-fibrescope including instrument port (8954.765), water tightness tester (163.903), gas sterilisation valve (163.904), cleaning probe wl 1000 mm	1.6 mm 5 charr./Fr.	0.65 mm 1.9 charr./Fr.	450 mm for cholendochoscopy neuroendoscopy	**7321.164**



flexible instruments
828.07 - 830.07

		Ø	WL	
graspingforceps		*2.2 mm*	*375 mm*	**828.07**
biopsyforceps		*2.2 mm*	*375 mm*	**829.07**
scissor		*2.2 mm*	*375 mm*	**830.07**

8765.751
ø 2 mm
WL 400 mm



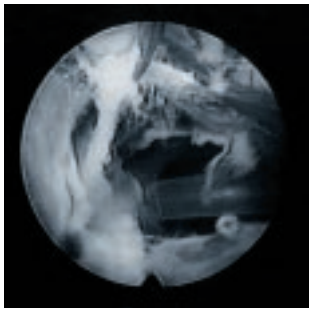
suction biopsy needle
8765.751



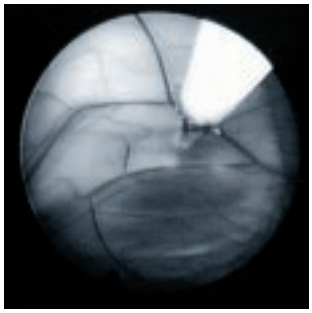
824.051
ø 2 mm
WL 600 mm

hook electrode
824.051

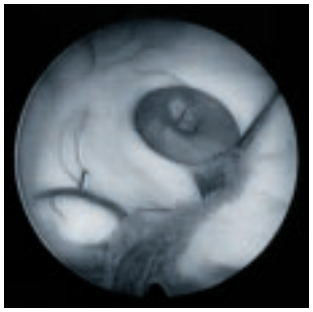
HOPF pediatric neuroendoscope system
HOPF neuroendoscopia
HOPF Kinderneuroendoskopie



endoscopic view of foramen of



endiscopic view of the floor of the third ventricle



endoscopic view of the fenestrated floor

- small diameter - 4.4 x 3.3 mm or 6.1 x 4.8 mm
- telescopes with direction of view 5^0, 25^0 or 70^0
- different sheaths and working elements
- insert for steering instruments around the corner
- fixation device
- variety of auxiliary instruments

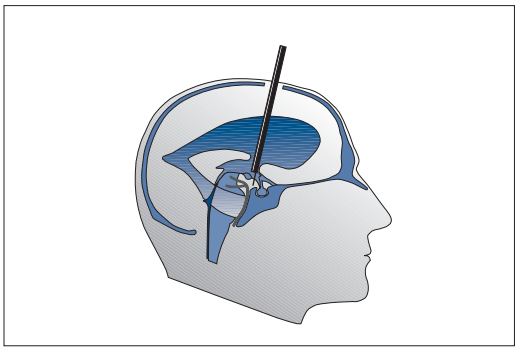


Figure 1. drawing of endoscopic third ventriculostomy.

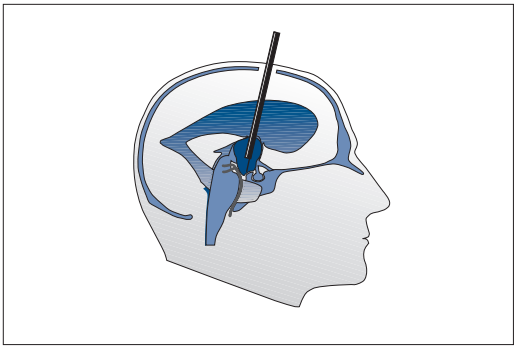


Figure 2. d rawing of endoscopic cyst fenestration

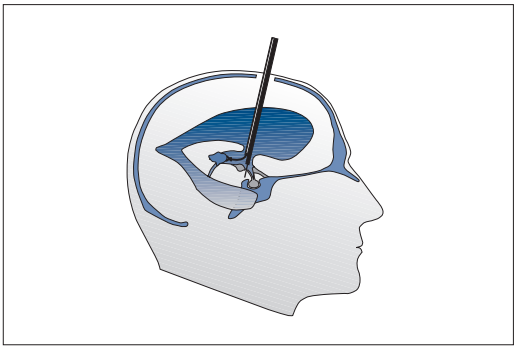


Figure 3. drawing of endoscopic view and biopsy of the intraventricular tumor by third ventriculostomy through a single burrhole.



telescopes
8672.411 - 8672.413

panoview plus	*vision angle*	*ø*	*WL*	
	0⁰	*2.7 mm*		**8672.411**
	25⁰	*2.7 mm*		**8672.412**
	70⁰	*2.7 mm*		**8672.413**



sheath for infants
8766.001



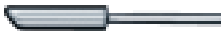
8766.001-A
shets focint
dimension 4.5 x 3.3 mm
WL 145 mm
3 charrier



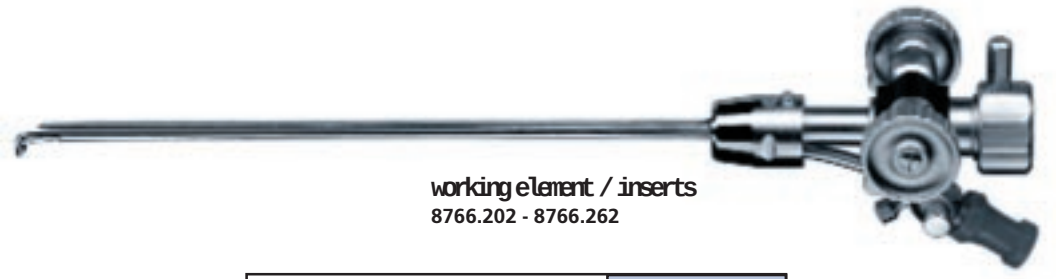
8766.001-B
obturador



sheath for infants
8766.002 - 8766.003

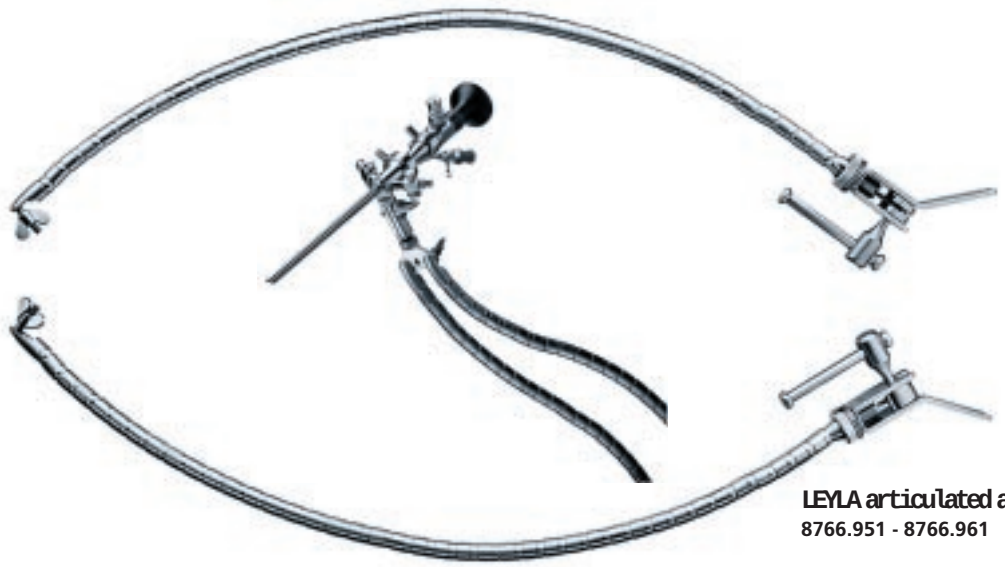
	dimension	*W L*	*charrier*	
	*5.8 x 4.8 mm*	*125 mm*	*2 x 5* *1 x 6*	**8766.002**
	*5.8 x 4.8 mm*	*125 mm*	*2 x 5* *1 x 6*	**8766.003***
				**8766.012** *obturator*

**working element and inserts*



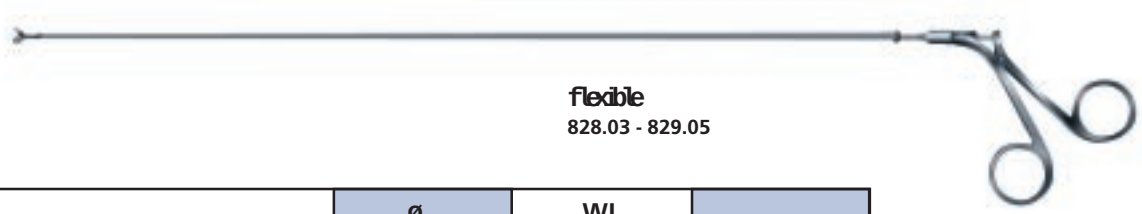
working element / inserts
8766.202 - 8766.262

	**8766.202**
	**8766.261**
	**8766.262**



LEYLA articulated arm
8766.951 - 8766.961

	articulated arm (LEYLA)	**8766.951**
	for 8766.951	**8766.961**



flexible
828.03 - 829.05

	ø	WL	
	*3 charr*	*260 mm*	**828.03**
	*5 charr*	*365 mm*	**828.05**
	*3 charr*	*260 mm*	**829.03**
	*5 charr*	*315 mm*	**829.05**

bipolar electrodes
8765.613 - 8765.614

		WL	*pieces*	
	2 mm	400 mm	3	**8765.612**
	2mm	400 mm	3	**8765.613**
	2 mm	400 mm	3	**8765.614**
	2 mm	400 mm	3	**8765.621**

also:
connecting part, bipolar, with EC-connector **8765.554**





button electrodes
823.031 - 823.06

	ø	*WL*	
	3 charr	*400 mm*	**823.031**
	*5 charr*	*400 mm*	**823.05**
	*6 charr*	*400 mm*	**823.06**

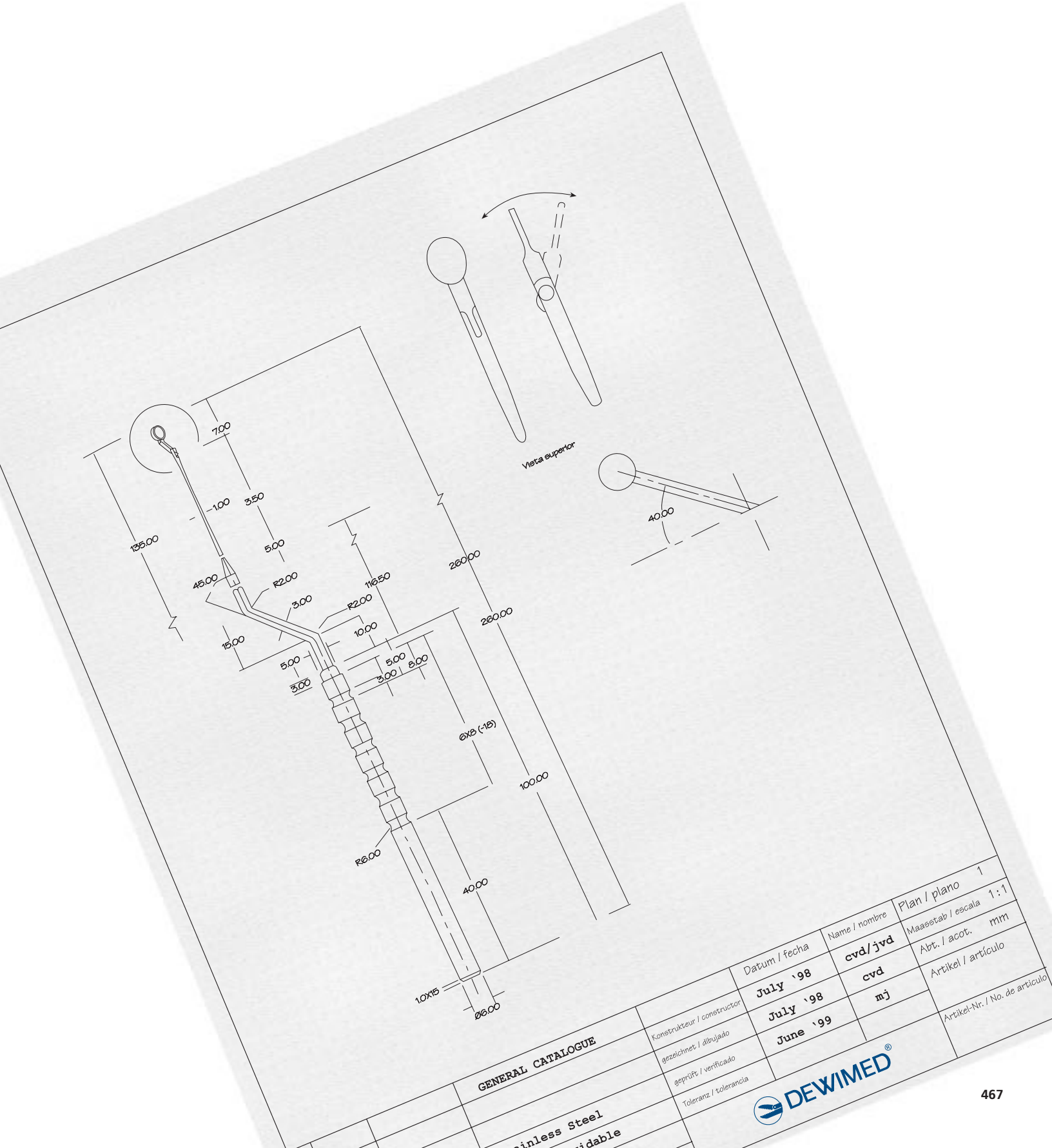
BRAIN SURGERY
Cirugía del Cerebro
Hirnchirurgie

Scientific neurosurgery started for real in the 19th century with the presence of anesthesia. The first surgery under ether anesthesia was successfuly performed in 1867, by William Macewen, a Scottish general surgeon in Boston in the Massachusetts General Hospital.
But before the invention of anesthesia and the practice of asepsis, brain surgery was an awful mess.
Historical records show that surgery of the brain was practiced already before Crist. Most of the operations were performed for treating madness, epilepsy and other brain diseases, superficial tumors, fractures and brain trauma, especially those caused by weapons.
However, most of the patients died.

La Neurocirugía tuvo su inicio en el siglo XIX con la presencia de la anestecia. La primera cirugía con anestecia fue efectuada por William Macewen, un cirujano general escocés y tuvo lugar exitosamente en Boston en el Massachusetts General Hospital en 1867.
Sin embargo antes de la invención de la anestecia y de la práctica de la asepsia, cirugías en el cerebro eran un lio espantoso.
Menciones históricas comprueban que la cirugía del cerebro ya se practicaba desde antes de Cristo. La mayoría de las cirugías intencionaban curar locura, epilepsia y otras enfermedades del cerebro, tumores superficiales, fracturas y traumas, especialmente causados por armas. La mayoría de los pacientes morían.



Erst die Fortentwicklung der Anästhesie machte zu Beginn des 19. Jahrhunderts auch die Durchführung von neurochirurgischen Eingriffen möglich. Von William Macewen, einem schottischen Allgemeinchirurgen, wurde 1867 im Bostoner Massachusetts General Hospital der erste neurochirurgische Eingriff unter Äther Anästhesie vorgenommen. Zuvor, ohne Asepsis und Anästhesie, waren solche Eingriffe furchtbare Angelegenheiten, die zumeist mit dem Tod des Patienten endeten. Historische Unterlagen beschreiben, dass sogenannte Hirnchirurgien bereits weit vor unserer Zeitrechnung durchgeführt wurden um Wahnsinn, Epilepsie, oberflächliche Tumoren und Waffenverletzungen wie Brüche zu behandeln.


Vista superior
7.00
1.00
3.50
5.00
195.00
45.00
R2.00
3.00
116.50
260.00
R2.00
10.00
260.00
15.00
5.00
3.00
5.00
3.00
8.00
6X8 (-18)
100.00
R6.00
40.00
1.0X15
Ø6.00
40.00
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
DEWIMED®

New Line
- TITANIUM and Stainless Steel
- malleable
- new and ergonomic handpiece

Malleable
All of the LOYO instruments are malleable in the 50 mm from the working tip downward, Titanium, as well as Stainless Steel. This makes it possible to reach all anatomic regions in the small aproach to the hypophysis.

Dimensions
The LOYO instruments are designed for the microscopic application. The length of these instruments is adjusted to the surgical steps opening and aproach, resection of the tumor and closure of the sphenoidal region. The indicated length of the instrument is measured from the first angle up to the angle of the tip.

Neue Linie
- TITAN und Stahl
- biegsam
- neuer ergonomischer Handgriff

Biegsam
Alle LOYO Instrumente, sowohl in Titan, als auch in Stahl, sind biegsam im Bereich von 50 mm vom Arbeitsteil. Somit kann jede gewünschte oder notwendige anatomische Position im engen Zugang zur Hypophyse erreicht werden.

Dimensionen
Die LOYO Instrumente sind genau abgestimmt auf das mikroskopische Einsatzgebiet. Die Längen der Arbeitsteile sind angepasst an die einzelnen chirurgischen Arbeitsschritte Zugang, Tumorresektion und Verschluss der Keilbeinhöhle.

Nueva línea
- TITANIO y acero inoxidable
- maleable
- nuevo mango ergonómico

Maleable
Todos los instrumentos LOYO, tanto en titanio, como en acero inoxidable, son maleables en los 50 mm de la punta de trabajo. Por lo que facilita el alcance de cualquier posición anatómica dentro del estrecho acceso a la hipófisis.

Dimensiones
Los instrumentos LOYO están perfectamente bien adaptados a la aplicación microscópica. La longitud de los instrumentos está adaptada a los procedimientos del proceso quirúrgico acceso, resección del tumor y cierre de la región esfenoidal. La longitud se mide desde el primer ángulo hasta el angulo de la punta de trabajo del instrumento.



41.400.05 T

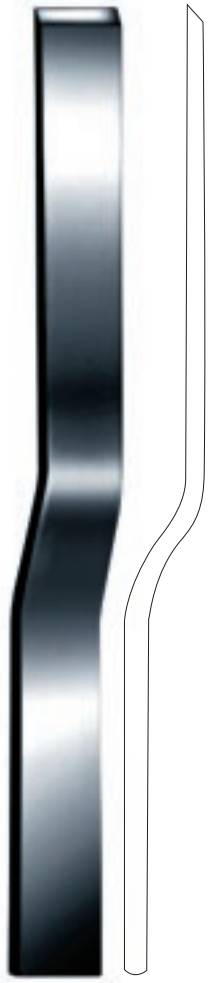
LOYO instrument set for transsphenoidal surgery



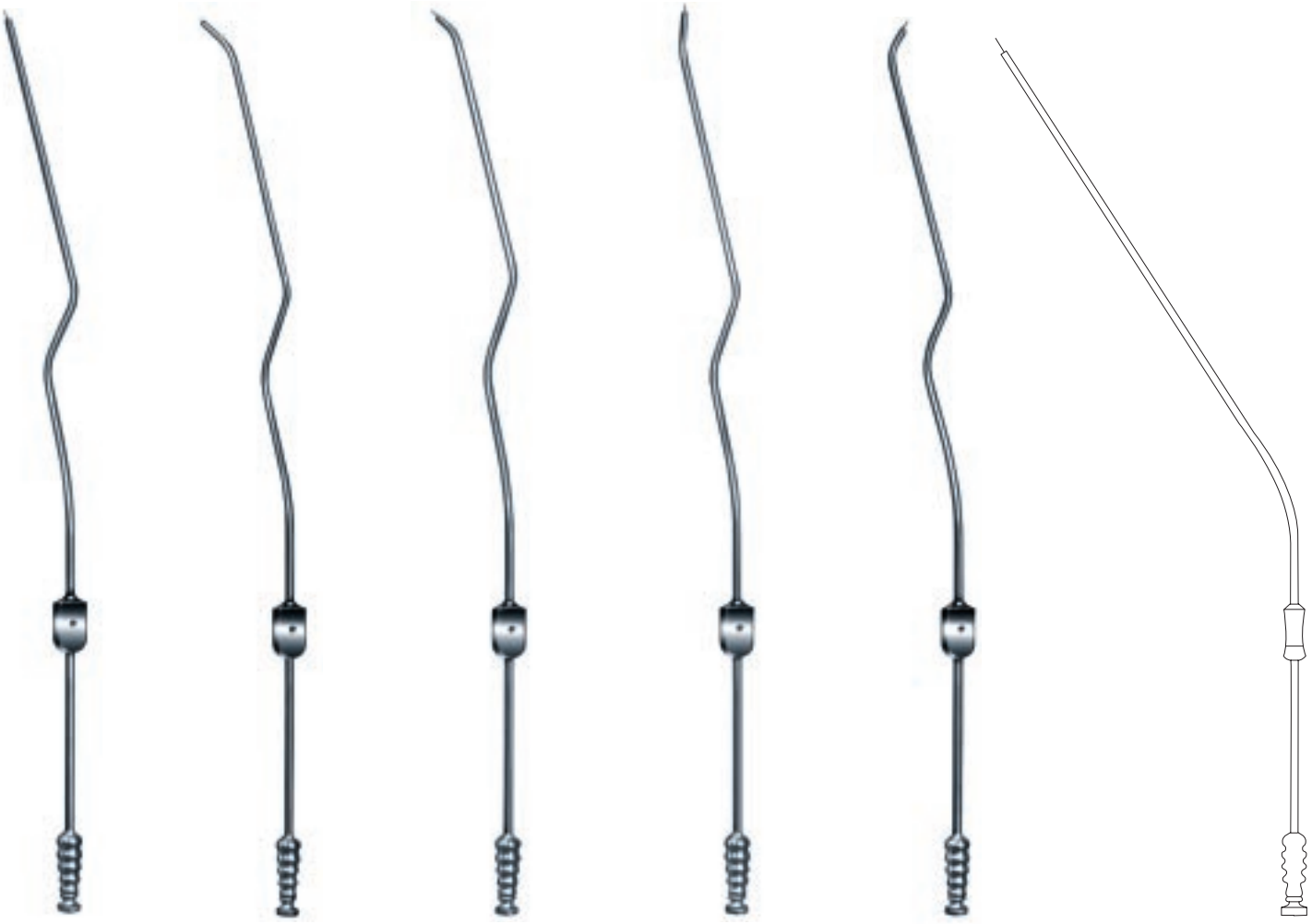
LOYO
41.033.26
tip 3 mm
26 cm



LOYO
41.034.26
tip 7 mm
26 cm



LOYO
41.035.26
tip 10 mm
26 cm



LOYO
41.036.26
26 cm

LOYO
41.037.26
26 cm

LOYO
41.038.26
26 cm

LOYO
41.039.26
26 cm

LOYO
41.040.26
26 cm



LOYO
41.043.15



WEIL - BLAKESLEY - LOYO
41.045.19
19 cm



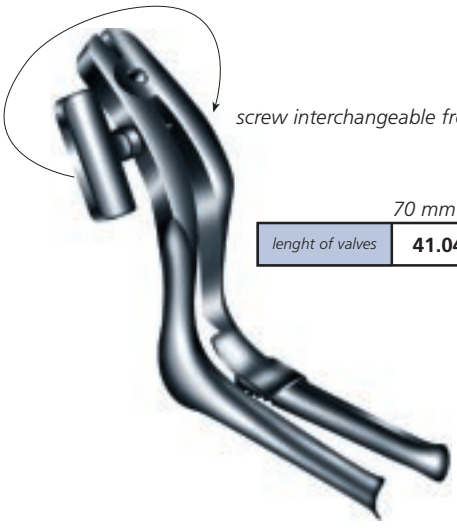
41.046.24
24 cm



OLIVECRONA
41.047.23
23 cm



TAYLOR
41.048.00
17 cm



	70 mm	90 mm
lenght of valves	**41.049.70**	**41.049.90**

LOYO
41.049.70 - 41.049.90
specula for transsphenoidal hypophysectomy

4,5 mm



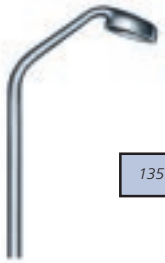
4,5 mm



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp, left	**41.400.05**	**41.400.05 T**

4,5 mm



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp, right	**41.400.06**	**41.400.06 T**

5 mm



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm upward, sharp	**41.400.08**	**41.400.08 T**

4 mm



LOYO
micro curette
26 cm

	Stainless Steel	TITANIUM
135 mm angled, sharp	**41.400.10**	**41.400.10 T**

5 mm



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm angled, sharp	**41.400.12**	**41.400.12 T**



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp, right	**41.400.14**	**41.400.14 T**

4,5 mm



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp left	**41.400.15**	**41.400.15 T**



5 mm

LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp upw. left	**41.400.16**	**41.400.16 T**



LOYO
pituitary blade holder

	Stainless Steel	TITANIUM
for blade Nº 10	**41.400.20**	**41.400.20 T**



5 x 4 mm

LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm blunt, right	**41.400.22**	**41.400.22 T**



LOYO
micro impactor
24.5cm

	Stainless Steel	TITANIUM
3 tips interchangeable	**41.400.30**	**41.400.30 T**



5 mm

LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm sharp upw. right	**41.400.17**	**41.400.17 T**



LOYO
curette
26 cm

	Stainless Steel	TITANIUM
135 mm blunt left	**41.400.21**	**41.400.21 T**



5 x 4 mm

LOYO
curette
26.5 cm

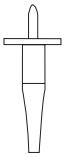
	Stainless Steel	TITANIUM
135 mm blunt, angled	**41.400.25**	**41.400.25 T**



Stainless Steel	TITANIUM
41.400.31	**41.400.31 T**



Stainless Steel	TITANIUM
41.400.32	**41.400.32 T**



Stainless Steel	TITANIUM
41.400.33	**41.400.33 T**

L0Y0
micro chisel



	Stainless Steel	TITANIUM
for sella turcica	**41.400.40**	**41.400.40 T**

L0Y0
pituitary dissector
26 cm



	Stainless Steel	TITANIUM
135 mm	**41.400.44**	**41.400.44 T**

L0Y0
pituitary hook
26 cm



	Stainless Steel	TITANIUM
135 mm	**41.400.48**	**41.400.48 T**

L0Y0
pituitary elevator
26 cm



	Stainless Steel	TITANIUM
135 mm right	**41.400.50**	**41.400.50 T**

L0Y0
pituitary dissector
26 cm



	Stainless Steel	TITANIUM
135 mm	**41.400.42**	**41.400.42 T**

L0Y0
pitutary dissector
26 cm



	Stainless Steel	TITANIUM
135 mm	**41.400.46**	**41.400.46 T**

L0Y0
pituitary elevator
26 cm



	Stainless Steel	TITANIUM
135 mm left	**41.400.49**	**41.400.49 T**

L0Y0
pituitary mirror



	Stainless Steel	TITANIUM
125 mm	**41.400.52**	**41.400.52 T**

Malleable Dissectors according to Dr. Loyo



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.02	41.401.02 T
22	41.401.03	41.401.03 T



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.06	41.401.06 T
22	41.401.07	41.401.07 T



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.10	41.401.10 T
22	41.401.11	41.401.11 T



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.14	41.401.14 T
22	41.401.15	41.401.15 T



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.18	41.401.18 T
22	41.401.19	41.401.19 T

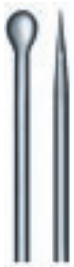


LOYO

cm	Stainless Steel	TITANIUM
20	41.401.22	41.401.22 T
22	41.401.23	41.401.23 T



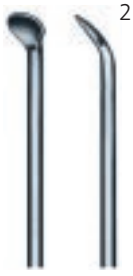
2 mm



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.26	41.401.26 T
22	41.401.27	41.401.27 T

2 mm



LOYO

cm	Stainless Steel	TITANIUM
20	41.401.30	41.401.30 T
22	41.401.31	41.401.31 T



Neuro - Micro - Instruments

Features:
- Lightweight and ergonomic instruments thanks to its hollow handle, available not insulated or insulated
- All parts of the instruments are made of hardened Stainless Steel.

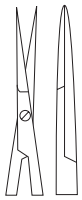
Características:
- Instrumentos con mango ergonómico y ligero gracias a que es hueco, en versiones no aisladas y aisladas.
- Todas las partes de los instrumentos son fabricadas en acero inoxidable templado.

Merkmale:
- Leichte und ergonomische Hohlgriffinstrumente, erhältlich unisoliert oder isoliert.
- Alle Teile der Instrumente sind aus gehärtetem, rostfreiem Stahl gefertigt.

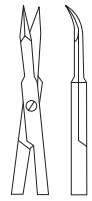
Neuro - Micro - Instruments



micro scissors
41.050.16 - 41.082.24

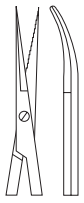


cm		
16.0	**41.050.16**	**41.051.16**
18.0	**41.050.18**	**41.051.18**
20.0	**41.050.20**	**41.051.20**
22.5	**41.050.22**	**41.051.22**
24.0	**41.050.24**	**41.051.24**
insulated		
16.0	**41.052.16**	**41.053.16**
18.0	**41.052.18**	**41.053.18**
20.0	**41.052.20**	**41.053.20**
22.5	**41.052.22**	**41.053.22**
24.0	**41.052.24**	**41.053.24**



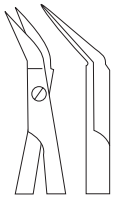
Vannas blade

cm		
16.0	**41.060.16**	**41.061.16**
18.0	**41.060.18**	**41.061.18**
20.0	**41.060.20**	**41.061.20**
22.5	**41.060.22**	**41.061.22**
24.0	**41.060.24**	**41.061.24**
insulated		
16.0	**41.062.16**	**41.063.16**
18.0	**41.062.18**	**41.063.18**
20.0	**41.062.20**	**41.063.20**
22.5	**41.062.22**	**41.063.22**
24.0	**41.062.24**	**41.063.24**



saw edge

cm		
16.0	**41.070.16**	**41.071.16**
18.0	**41.070.18**	**41.071.18**
20.0	**41.070.20**	**41.071.20**
22.5	**41.070.22**	**41.071.22**
24.0	**41.070.24**	**41.071.24**
insulated		
16.0	**41.072.16**	**41.073.16**
18.0	**41.072.18**	**41.073.18**
20.0	**41.072.20**	**41.073.20**
22.5	**41.072.22**	**41.073.22**
24.0	**41.072.24**	**41.073.24**



Vannas blade angled over the blade

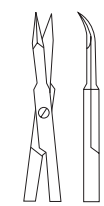
cm	
16.0	**41.080.16**
18.0	**41.080.18**
20.0	**41.080.20**
22.5	**41.080.22**
24.0	**41.080.24**
insulated	
16.0	**41.082.16**
18.0	**41.082.18**
20.0	**41.082.20**
22.5	**41.082.22**
24.0	**41.082.24**



micro scissors
41.090.16 - 41.132.24



cm		
16.0	**41.090.16**	**41.091.16**
18.0	**41.090.18**	**41.091.18**
20.0	**41.090.20**	**41.091.20**
22.5	**41.090.22**	**41.091.22**
24.0	**41.090.24**	**41.091.24**
insulated		
16.0	**41.092.16**	**41.093.16**
18.0	**41.092.18**	**41.093.18**
20.0	**41.092.20**	**41.093.20**
22.5	**41.092.22**	**41.093.22**
24.0	**41.092.24**	**41.093.24**



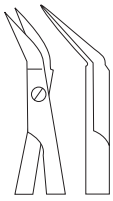
Vannas blade

cm		
16.0	**41.100.16**	**41.101.16**
18.0	**41.100.18**	**41.101.18**
20.0	**41.100.20**	**41.101.20**
22.5	**41.100.22**	**41.101.22**
24.0	**41.100.24**	**41.101.24**
insulated		
16.0	**41.102.16**	**41.103.16**
18.0	**41.102.18**	**41.103.18**
20.0	**41.102.20**	**41.103.20**
22.5	**41.102.22**	**41.103.22**
24.0	**41.102.24**	**41.103.24**



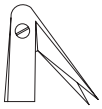
saw edge

cm		
16.0	**41.110.16**	**41.111.16**
18.0	**41.110.18**	**41.111.18**
20.0	**41.110.20**	**41.111.20**
22.5	**41.110.22**	**41.111.22**
24.0	**41.110.24**	**41.111.24**
insulated		
16.0	**41.112.16**	**41.113.16**
18.0	**41.112.18**	**41.113.18**
20.0	**41.112.20**	**41.113.20**
22.5	**41.112.22**	**41.113.22**
24.0	**41.112.24**	**41.113.24**



Vannas blade angled over the blade

cm	
16.0	**41.120.16**
18.0	**41.120.18**
20.0	**41.120.20**
22.5	**41.120.22**
24.0	**41.120.24**
insulated	
16.0	**41.122.16**
18.0	**41.122.18**
20.0	**41.122.20**
22.5	**41.122.22**
24.0	**41.122.24**



125⁰ angled blade

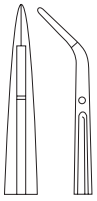
cm	
16.0	**41.130.16**
18.0	**41.130.18**
20.0	**41.130.20**
22.5	**41.130.22**
24.0	**41.130.24**
insulated	
16.0	**41.132.16**
18.0	**41.132.18**
20.0	**41.132.20**
22.5	**41.132.22**
24.0	**41.132.24**



micro forceps
41.140.16 - 41.172.24



cm		
16.0	**41.140.16**	**41.141.16**
18.0	**41.140.18**	**41.141.18**
20.0	**41.140.20**	**41.141.20**
22.5	**41.140.22**	**41.141.22**
24.0	**41.140.24**	**41.141.24**
insulated		
16.0	**41.142.16**	**41.143.16**
18.0	**41.142.18**	**41.143.18**
20.0	**41.142.20**	**41.143.20**
22.5	**41.142.22**	**41.143.22**
24.0	**41.142.24**	**41.143.24**



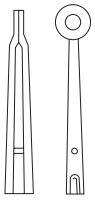
angled

cm	
16.0	**41.150.16**
18.0	**41.150.18**
20.0	**41.150.20**
22.5	**41.150.22**
24.0	**41.150.24**
insulated	
16.0	**41.152.16**
18.0	**41.152.18**
20.0	**41.152.20**
22.5	**41.152.22**
24.0	**41.152.24**



4 x 2 teeth

cm	
16.0	**41.160.16**
18.0	**41.160.18**
20.0	**41.160.20**
22.5	**41.160.22**
24.0	**41.160.24**
insulated	
16.0	**41.162.16**
18.0	**41.162.18**
20.0	**41.162.20**
22.5	**41.162.22**
24.0	**41.162.24**

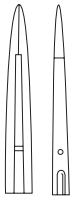


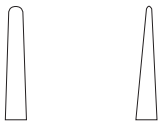
tumor grasping

cm	
16.0	**41.170.16**
18.0	**41.170.18**
20.0	**41.170.20**
22.5	**41.170.22**
24.0	**41.170.24**
insulated	
16.0	**41.172.16**
18.0	**41.172.18**
20.0	**41.172.20**
22.5	**41.172.22**
24.0	**41.172.24**

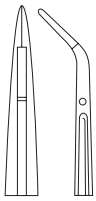


micro forceps
41.180.16 - 41.212.24





cm		
16.0	**41.180.16**	**41.181.16**
18.0	**41.180.18**	**41.181.18**
20.0	**41.180.20**	**41.181.20**
22.5	**41.180.22**	**41.181.22**
24.0	**41.180.24**	**41.181.24**
insulated		
16.0	**41.182.16**	**41.183.16**
18.0	**41.182.18**	**41.183.18**
20.0	**41.182.20**	**41.183.20**
22.5	**41.182.22**	**41.183.22**
24.0	**41.182.24**	**41.183.24**



angled

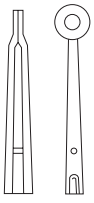


cm	
16.0	**41.190.16**
18.0	**41.190.18**
20.0	**41.190.20**
22.5	**41.190.22**
24.0	**41.190.24**
insulated	
16.0	**41.192.16**
18.0	**41.192.18**
20.0	**41.192.20**
22.5	**41.192.22**
24.0	**41.192.24**



1 x 2 teeth

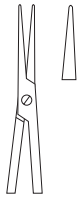
cm	
16.0	**41.200.16**
18.0	**41.200.18**
20.0	**41.200.20**
22.5	**41.200.22**
24.0	**41.200.24**
insulated	
16.0	**41.202.16**
18.0	**41.202.18**
20.0	**41.202.20**
22.5	**41.202.22**
24.0	**41.202.24**



tumor grasping

cm	
16.0	**41.210.16**
18.0	**41.210.18**
20.0	**41.210.20**
22.5	**41.210.22**
24.0	**41.210.24**
insulated	
16.0	**41.212.16**
18.0	**41.212.18**
20.0	**41.212.20**
22.5	**41.212.22**
24.0	**41.212.24**

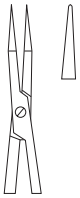




cm	
16.0	**41.220.16**
18.0	**41.220.18**
20.0	**41.220.20**
22.5	**41.220.22**
24.0	**41.220.24**

insulated

16.0	**41.222.16**
18.0	**41.222.18**
20.0	**41.222.20**
22.5	**41.222.22**
24.0	**41.222.24**

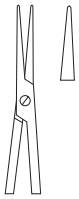


cm		
16.0	**41.230.16**	**41.231.16**
18.0	**41.230.18**	**41.231.18**
20.0	**41.230.20**	**41.231.20**
22.5	**41.230.22**	**41.231.22**
24.0	**41.230.24**	**41.231.24**

insulated

16.0	**41.232.16**	**41.233.16**
18.0	**41.232.18**	**41.233.18**
20.0	**41.232.20**	**41.233.20**
22.5	**41.232.22**	**41.233.22**
24.0	**41.232.24**	**41.233.24**

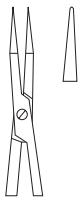
micro needle holder
41.220.16 - 41.233.24
without ratchet



cm	
16.0	**41.240.16**
18.0	**41.240.18**
20.0	**41.240.20**
22.5	**41.240.22**
24.0	**41.240.24**

insulated

16.0	**41.242.16**
18.0	**41.242.18**
20.0	**41.242.20**
22.5	**41.242.22**
24.0	**41.242.24**



cm		
16.0	**41.250.16**	**41.251.16**
18.0	**41.250.18**	**41.251.18**
20.0	**41.250.20**	**41.251.20**
22.5	**41.250.22**	**41.251.22**
24.0	**41.250.24**	**41.251.24**

insulated

16.0	**41.252.16**	**41.253.16**
18.0	**41.252.18**	**41.253.18**
20.0	**41.252.20**	**41.253.20**
22.5	**41.252.22**	**41.253.22**
24.0	**41.252.24**	**41.253.24**

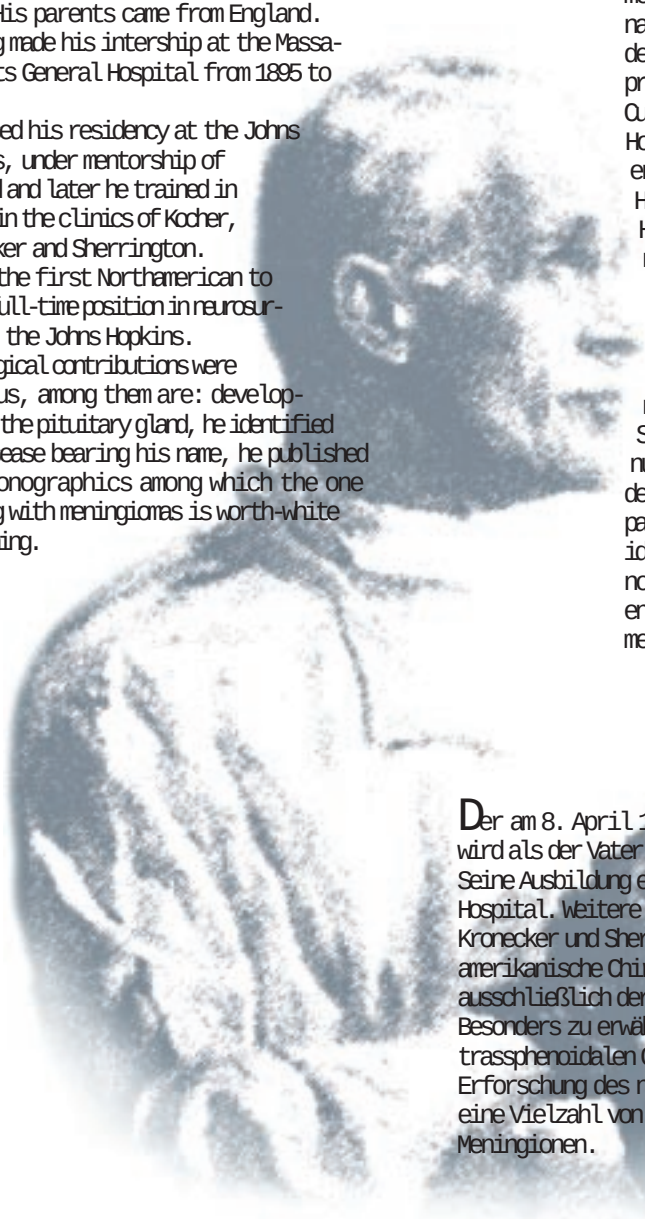


micro needle holder
41.240.16 - 41.253.24
without ratchet

WILLIAM HARVEY CUSHING
1869 -1939

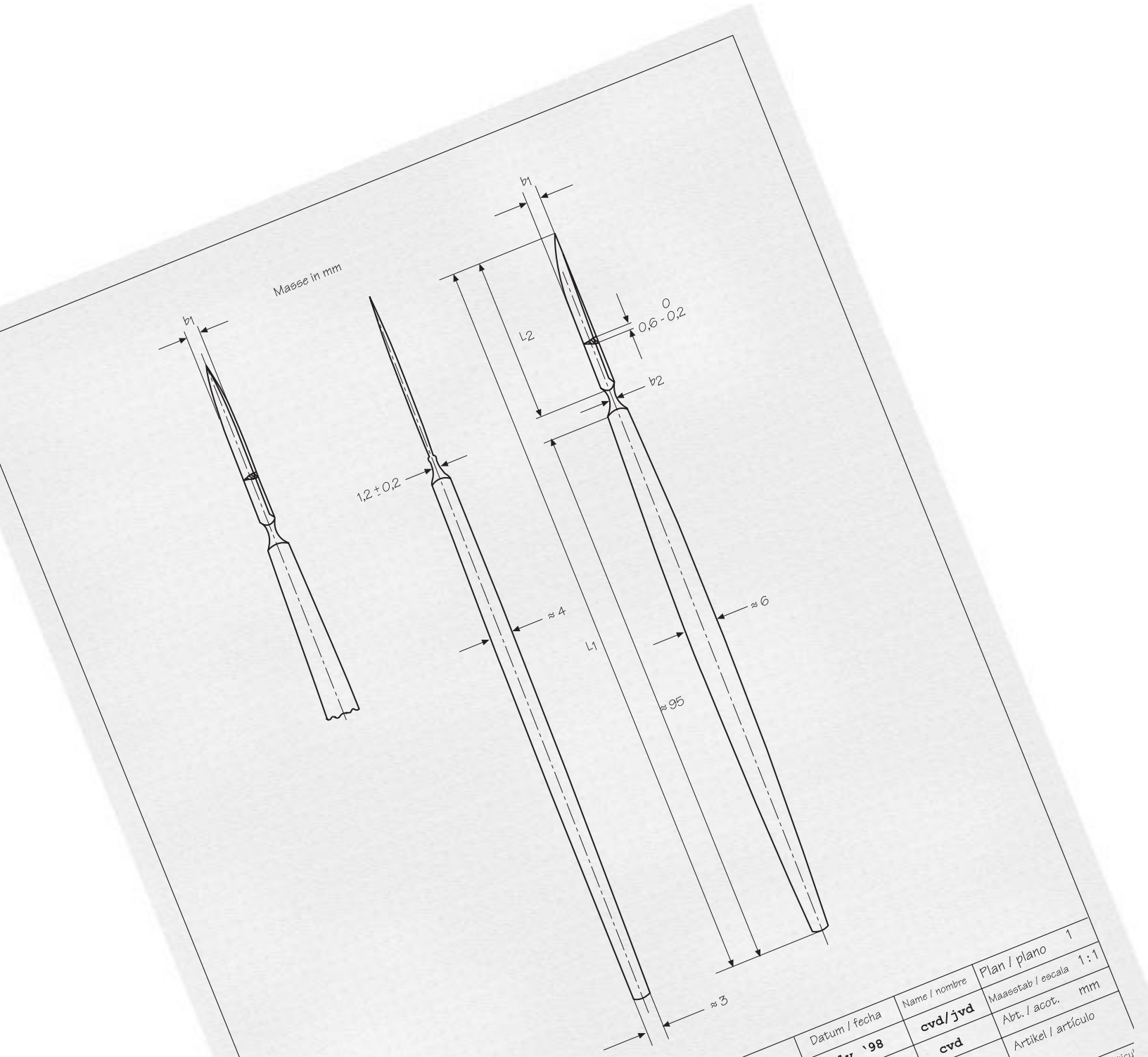
Considered as the father of American modern neurosurgery, he was born en Cleveland, Ohio, USA. on the 8th of April 1869. His parents came from England.
Cushing made his intership at the Massachusetts General Hospital from 1895 to 1896.
He passed his residency at the Johns Hopkins, under mentorship of Halsted and later he trained in Europe in the clinics of Kocher, Kronecker and Sherrington.
He was the first Northamerican to hold a full-time position in neurosurgery at the Johns Hopkins.
His surgical contributions were numerous, among them are: development of the pituitary gland, he identified the disease bearing his name, he published many monographics among which the one dealing with meningiomas is worth-white mentioning.

Considerado como padre de la moderna Neurocirugía Norteamericana nació en Cleveland, Ohio, E.U.A., el 8 de abril de 1869. Sus padres fueron de procedencia inglesa.
Cushing realizó su internado en el Hospital General de Massachussetts entre 1895 y 1896.
Hizo su residencia en el Hospital Johns Hopkins bajo la tutela de Halsted y más tarde se entrenó en Europa en las clínicas de Kocher, Kronecker y Sherrington.
Fue el primer cirujano norteamericano en dedicarse tiempo completo a la neurocirugía en Johns Hopkins.
Sus contribuciones quirúrgicas fueron numerosas, entre las que destacan: desarrollo del abordaje transesfenoidal para la cirugía de la glándula pituitaria, identificó la enfermedad que lleva su nombre, publicó numerosas monografías entre la que destaca la dedicada a meningiomas.





Der am 8. April 1869 in Cleveland, Ohio, geborene Cushing wird als der Vater der Neurochirurgie bezeichnet.
Seine Ausbildung erhielt er bei Helsted im John Hopkins Hospital. Weitere Stationen waren die Kliniken von Kocher, Kronecker und Sherrington in Europa. Er war der erste amerikanische Chirurg, der sich im John Hopkins Hospital ausschließlich der Neurochirurgie widmete.
Besonders zu erwähnen sind seine Arbeiten zur trassphenoidalen Chirurgie der Hirnanhangdrüse, die Erforschung des nach ihm benannten Cushing-Syndroms sowie eine Vielzahl von Publikationen zur Monographie von Meningionen.


Masse in mm
b1
L2
0,6 - 0,2
b2
1,2 ± 0,2
≈ 4
L1
≈ 95
≈ 6
≈ 3
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu



BARRAQUER colibri
42.101.03 - 42.101.04

cm	
3	**42.101.03**
4	**42.101.04**



BARRAQUER
42.101.06
4 cm



BOWMAN
42.104.07
7 cm



CRITCHETT
42.105.06
6 cm



SMITH
42.106.05
5 cm



CLARK
42.107.08
8 cm



cm	
7	**42.109.06**
9	**42.109.09**

GRAEFE
42.109.06 - 42.109.09



WEEK
42.110.08
8 cm



right	**42.111.07**
left	**42.113.07**

ARRUGA
42.111.07 - 42.113.07



MURDOCK
42.115.05
5 cm



right	**42.121.07**
left	**42.123.07**

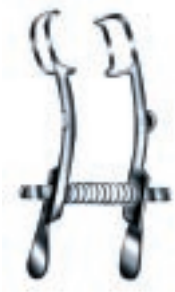
MELLINGER
42.121.07 - 42.123.07
7 cm



cm

4	**42.125.01**
5	**42.125.03**

COOK
42.125.01 - 42.125.03



cm

5	**42.125.05**
7	**42.125.07**

MELLINGER
42.125.05 - 42.125.07



MELLINGER
42.125.09
7 cm



LISTER BURCH
42.127.08
8 cm



cm

7	**42.128.07**
8	**42.128.08**

WILLIAMS
42.128.07 - 42.128.08



LANCASTER
42.129.07
7 cm



ZIEGLER
42.130.07
7 cm



CASTROVIEJO
42.132.08
8 cm



PARK
42.133.08
8 cm



AGRICOLA
42.135.04
4 cm



MUELLER
24.135.07
7 cm



SAUER
42.137.01
3cm



GOLDSTEIN
42.137.03
3 cm



STEVENSON
42.139.07
7 cm



JAEGER
42.150.11
11 cm



42.220.00

42.220.01
2 x 5 mm
fig 1

42.220.03
2 x 5 mm
fig 3

42.220.06
2 x 5 mm
fig 6

42.220.07
2 x 5 mm
fig 7

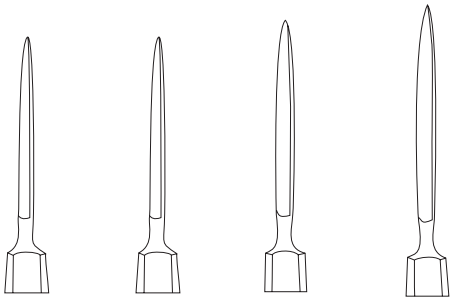
42.220.09
1 x 3 mm
fig 9

42.220.11
1 x 3 mm
fig 11

42.220.13
1.1 / 1.3 x 5 mm
fig 13



GRAEFE
42.170.00 - 42.170.03
13 cm



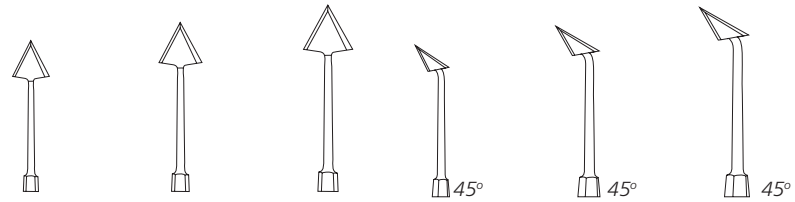
mm

1.3 x 23	*1.5 x 25*	*1.7 x 27*	*2 x 30*
42.170.00	**42.170.01**	**42.070.02**	**42.070.03**



DEUTSCHMANN
42.172.13
13 cm





mm

8 x 9.5	9.5 x 11	11 x 12.5	8 x 9.5	9.5 x 11	11 x 12.5
42.180.01	**42.180.02**	**42.180.03**	**42.181.01**	**42.181.02**	**42.181.03**

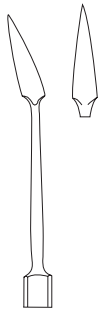
JEAGER
42.180.01 - 42.181.03
13 cm



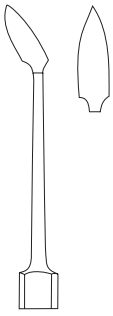
mm

4 x 10	**42.181.05**
5 x 11	**42.181.07**
6 x 12	**42.185.09**

WESSELY
42.181.05 - 42.181.09
13 cm
45°



BERENS
42.183.13
13 cm



CASTROVIEJO
42.185.13
13 cm
4 x 13 mm



GRAEFE
42.187.13
13 cm



KNAPP
42.202.01
fig 1



KNAPP
42.202.02
fig 2



KNAPP
42.202.03
fig 3



ZIEGLER
42.210.01
5 mm
fig 1



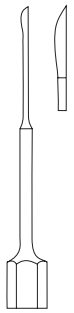
ZIEGLER
42.210.02
6 mm
fig 2



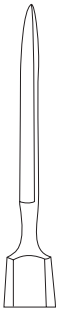
ZIEGLER
42.210.03
7 mm
fig 3



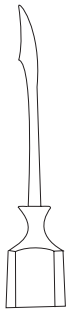
DEAN
42.213.12
12.5 cm



BOWMAN
42.214.04
0.4 mm
42.214.08
0.8 mm



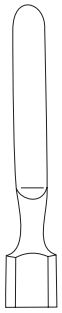
WHEELER
42.218.12



ZIEGLER
42.221.11
11 cm



SATO
42.226.12
12.5 cm



TOOK
42.228.12
12 cm



GILL
42.231.12
12 cm



ELSCHNIG
42.233.13
13 cm



KUHNT
42.240.01
fig 1



KUHNT
42.240.02
fig 2



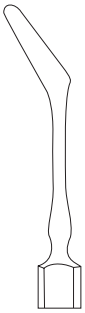
KUHNT
42.240.03
fig 3



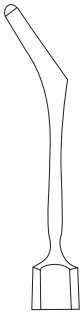
KUHNT
42.240.04
fig 4



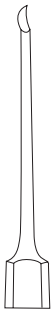
PATON
42.245.12
12 cm



LUNDSGAARD
42.251.12
12 cm



GUYTON
LUNDS GAARD
42.253.12



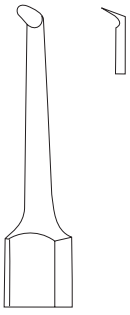
BARKAN
42.256.12



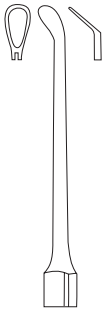
SCHEIE
42.258.12



BURCH
42.262.12



PAUFIQUE
42.271.11



BARRAQUER
42.273.13



STAR
42.304.12



STAR
42.305.12



BOWMAN
42.308.12



BOWMAN
42.309.12



42.310.13



42.311.13



LEVINSON
42.314.13



FRANCIS
42.321.12



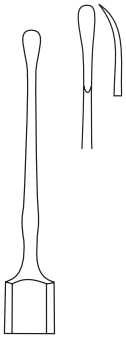
DAVIS
42.325.13
13 cm



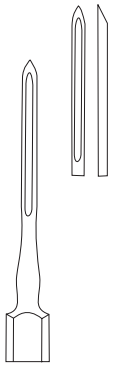
LAFORCE
42.327.12



DIX
42.330.13



ELLIS
42.331.11



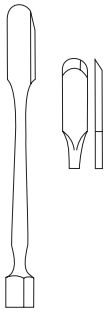
WALTON
42.332.12



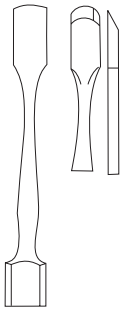
WALTON
42.334.12



ALVIS
42.336.12



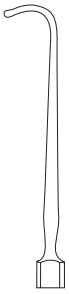
GREEN
42.340.13



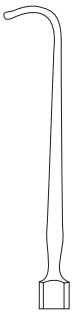
ROLLET
42.342.12



GRAEFE
42.351.01
42.352.01 T
fig 1



GRAEFE
42.351.02
42.352.02 T
fig 2



GRAEFE
42.351.03
42.352.03 T
fig 3



JAMESON
42.353.13



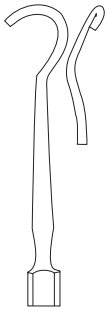
GREEN
42.355.13



STEVENS
42.357.13



ARRUGA
42.363.01



ARRUGA
42.363.02
fig 1



O´CONNOR
42.370.12
fig 2



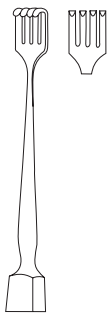
WIENER
42.372.13



WIENER
42.373.13



ROLLET
42.376.13



KNAPP
42.377.13



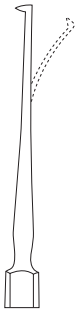
GRAEFE
42.380.13



GRAEFE
42.381.13



GRAEFE
42.383.13



BECKER
42.386.13



MEYHOEFER
42.402.05
ø 0.5 mm



MEYHOEFER
42.402.10
ø 1 mm



MEYHOEFER
42.402.15
ø 1.5 mm



MEYHOEFER
42.402.18
ø 1.8 mm



MEYHOEFER
42.402.20
ø 2 mm



MEYHOEFER
42.402.25
ø 2.5 mm



MEYHOEFER
42.402.35
ø 3.5 mm



MEYHOEFER
42.402.40
ø 4 mm



MEYHOEFER
42.402.45
ø 4.5 mm



HEBRA
42.404.10
ø 1 mm



HEBRA
42.404.20
ø 2 mm



HEBRA
42.404.25
ø 2.5 mm



HEBRA
42.404.30
ø 3 mm



HEBRA
42.404.35
ø 3.5 mm



AXENFELD
42.407.13



GRAEFE
42.410.01



GRAEFE
42.410.02



DAVIEL
42.412.01



DAVIEL
42.412.02



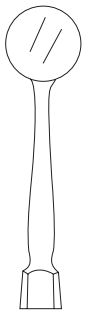
KNAPP
42.414.02



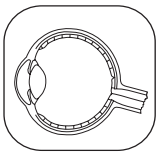
BUNGE
42.420.01



BUNGE
42.420.02



BUNGE
42.420.03





WEBER
42.441.01
fig 1



WEBER
42.441.02
fig 2



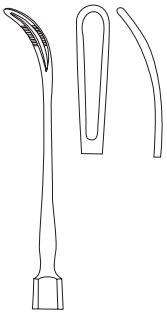
SNELLEN
42.443.13



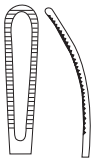
WILDER
42.445.13
fig 1



WILDER
42.447.13
fig 2



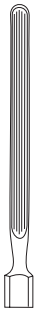
ARLT
42.449.01



ARLT
42.449.02



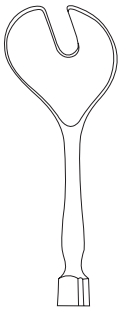
WECKER
42.461.13



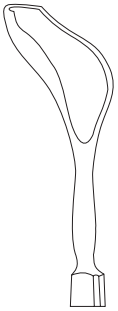
WECKER
42.462.13



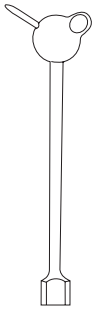
CULLER
42.467.13



WELLS
41.482.20



ARRUGA
42.485.13
protector



WADSWORTH
42.487.14
cauter





42.501.06
6 cm



42.501.10
10 cm



42.501.12
12 cm

BANGERTER
42.501.06 - 42.501.12



LANG

42.424.13
13 cm



CASTROVIEJO
42.511.13 - 42.517.09
8 x 15 mm
13 cm



CASTROVIEJO
42.521.12
12 cm

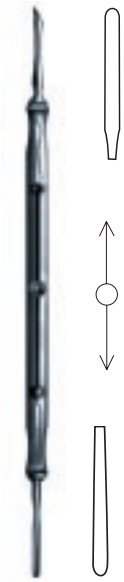


WHEELER
42.523.12
12 cm

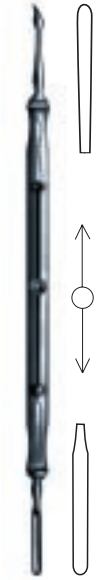


CASTROVIEJO
42.525.05 - 42.525.10
14 cm

ø mm	
0.5	**42.525.05**
0.75	**42.525.07**
1.0	**42.525.10**



DIX
42.542.12



DIX
42.544.12



DIX
42.546.13



DIX
42.548.13



CASTROVIEJO
42.583.07



CONNIN
42.589.13



DASTOOR
42.590.06



HOLTH
42.593.09



WILDER
42.602.01



WILDER
42.602.02



WILDER
42.602.03



ZIEGLER
42.605.12 - 42.605.56

fig	
1/2	**42.605.12**
3/4	**42.605.34**
5/6	**42.605.56**



CASTROVIEJO
42.608.12



ø mm	
0.7 / 0.8	**42.614.00**
0.8 / 0.9	**42.614.01**
0.9 / 1.1	**42.614.12**
1.1 / 1.3	**42.614.23**
1.3 / 1.4	**42.614.34**
1.4 / 1.5	**42.614.45**
1.5 / 1.6	**42.614.56**
1.6 / 1.8	**42.614.67**
1.8 / 1.9	**42.614.78**

BOWMAN
42.614.00 - 42.614.78



ø mm	
0.7 / 0.8	**42.616.00**
0.8 / 0.9	**42.616.01**
0.9 / 1.1	**42.616.12**
1.1 / 1.3	**42.616.23**
1.3 / 1.4	**42.616.34**
1.4 / 1.5	**42.616.45**
1.5 / 1.6	**42.616.56**
1.6 / 1.8	**42.616.67**
1.8 / 1.9	**42.616.78**

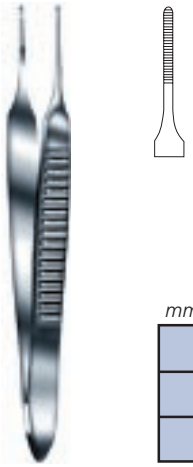
BOWMAN
42.616.00 - 42.616.78



HARMS
42.618.80
left
42.618.81
right



42.620.14
14.5 cm
2 eyes



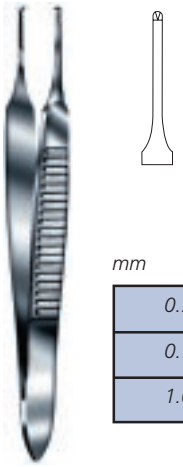
mm	
0.5	**42.802.05**
0.7	**42.802.06**
1.0	**42.802.07**

GRAEFE
42.802.05 - 42.802.07
7 cm



mm	
0.5	**42.803.05**
0.7	**42.803.06**
1.0	**42.803.07**

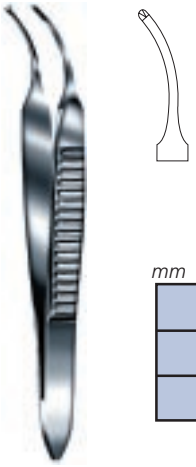
GRAEFE
42.803.05 - 42.42.803.07
7 cm



mm

0.5	**42.804.05**
0.7	**42.804.06**
1.0	**42.804.07**

GRAEFE
42.804.05 - 42.804.07
7 cm
1 x 2 teeth



mm

0.5	**42.805.05**
0.7	**42.805.06**
1.0	**42.805.07**

GRAEFE
42.805.05 - 42.805.07
7 cm
1 x 2 teeth



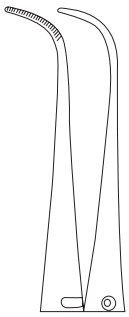
GRAEFE
42.810.10 - 42.823.10
10 cm



GRAEFE
42.810.10



GRAEFE
42.811.10



GRAEFE
42.813.10



GRAEFE
42.820.10
1 x 2 teeth



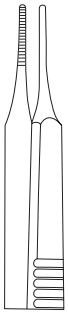
GRAEFE
42.821.10
1 x 2 teeth



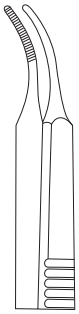
GRAEFE
42.823.10
1 x 2 teeth



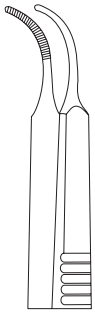
STEVENS
42.830.10 - 42.843.10



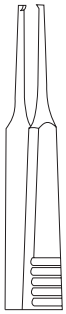
STEVENS
42.830.10



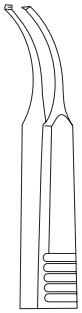
STEVENS
42.831.10



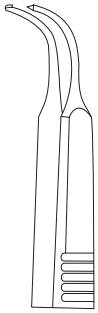
STEVENS
42.833.10



STEVENS
42.840.10



STEVENS
40.841.10



STEVENS
42.843.10



FOERSTER
42.850.08
8.5 cm



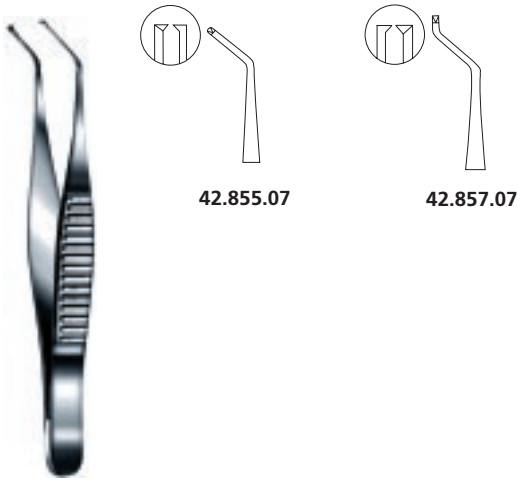
FOERSTER
42.851.08
8.5 cm



FOERSTER
42.852.08
8.5 cm



FOERSTER
42.853.08
8.5 cm



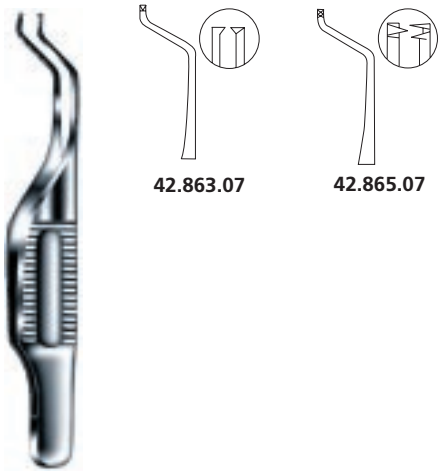
42.855.07

42.857.07

HESS
42.855.07 - 42.857.07
7 cm
0.3 mm



HESS
42.861.07
7 cm
0.3 mm



42.863.07

42.865.07

GILL
42.863.07 - 42.865.07
7.5 cm
tip 0.3 mm



FISCHER
42.869.07
7 cm



BARRAQUER KATZIN
42.881.03
7 cm



BARRAQUER KATZIN
42.881.05
0.12 mm
7 cm

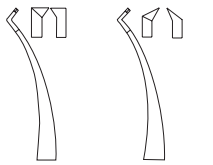


BARRAQUER KATZIN
42.881.07
0.4 mm
7 cm



TROUTMAN
42.883.07
0.12 mm
7 cm





42.885.07 42.887.07

BARRAQUER colibri
42.885.07 - 42.887.07
0.12 mm
7 cm



KIRBY ARTHUR
42.891.09
1 x 2 teeth
9 cm
ø 0.2



KIRBY ARTHUR
42.893.09
9 cm
ø 0.2



McCULLOUGH
42.902.09
9.5 cm



McCULLOUGH
42.904.09
9.5 cm



JAMESON
42.907.10 - 42.909.10
left - right



BONACCOLTO
42.914.10 - 42.916.10



BONACCOLTO
42.920.11
11 cm
sharp



DASTOOR
42.924.11
11 cm
blunt



DASTOOR
42.926.11
11 cm
1 x 2 teeth



mm

0.5	**42.940.05**
0.8	**42.940.08**

BISHOP HARMAN
42.940.05 - 42.940.08
8.5 cm



mm

0.5	**42.942.05**
0.8	**42.942.08**

BISHOP HARMAN
42.942.05 - 42.942.08



Bonn
42.944.07
0.12 mm
7 cm



Bonn
42.946.07
0.12 mm
7 cm



Bonn
42.946.10
0.12 mm
10 cm



ELLIOT
42.946.12
10 cm



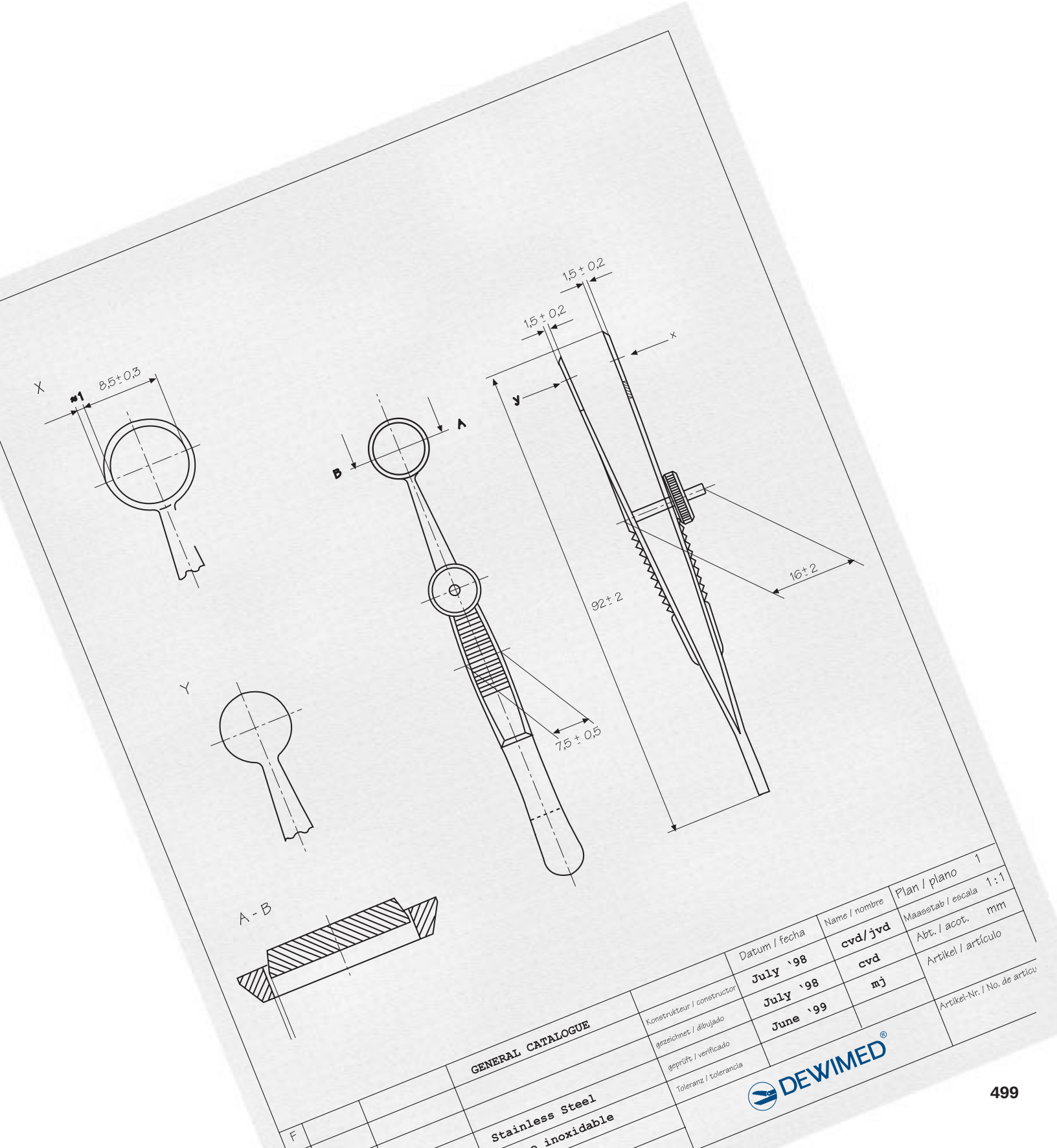
Tübingen
42.950.10
42.954.10 T
10 cm



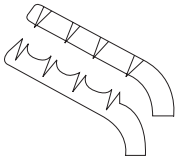
Bonn
42.952.10
42.956.10 T
10 cm



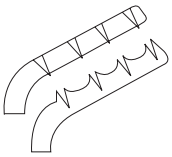
Tübingen
42.953.10
42.957.10 T
10 cm


X
8,5 ± 0,3
#1
A
B
1,5 ± 0,2
1,5 ± 0,2
x
y
92 ± 2
16 ± 2
7,5 ± 0,5
Y
A - B
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu



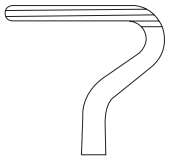


43.011.10
left

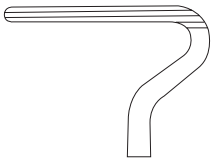


43.013.10
right





43.015.20



43.015.27

cm

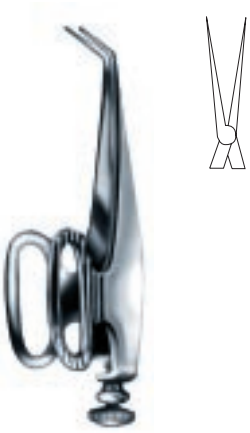
20	**43.015.20**
27	**43.015.27**

PRINCE
43.011.10 - 43.013.10
10 cm

BERKE
43.015.20 - 43.015.27



TROUTMAN
43.017.08
8.5 cm
0.8 mm



BARRAQUER
43.021.05
5.5 cm
7 mm



ELSCHNIG
43.046.11
11 cm
1 x 2 teeth

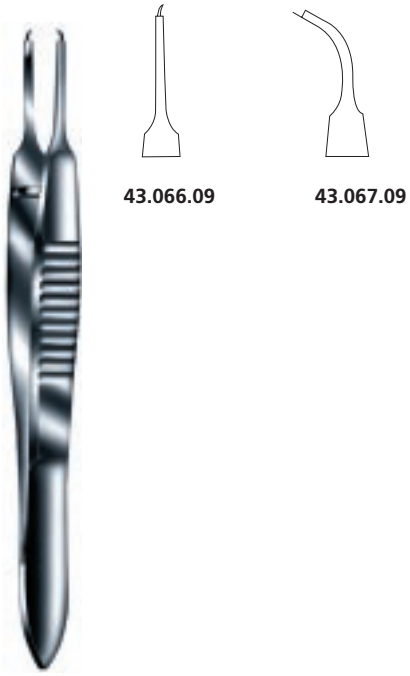


without catch	**43.050.11**
with catch	**43.052.11**

GRAEFE
43.050.11 - 43.052.11
11 cm



LESTER
43.054.09
9 cm
1 x 2 teeth



43.066.09 **43.067.09**

CASTROVIEJO
43.066.09 - 43.067.09
9 cm
1 x 1 teeth

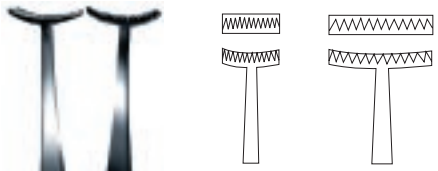


43.068.09 **43.069.09**

CASTROVIEJO
43.068.09 - 43.069.09
9 cm
2 x 2 teeth



BARRAQUER
43.074.10
10 cm



5 mm *10 mm*

GREEN
43.076.05 - 43.078.10
10 cm

mm	*without catch*	*with catch*
5	**43.076.05**	**43.078.05**
10	**43.076.10**	**43.078.10**



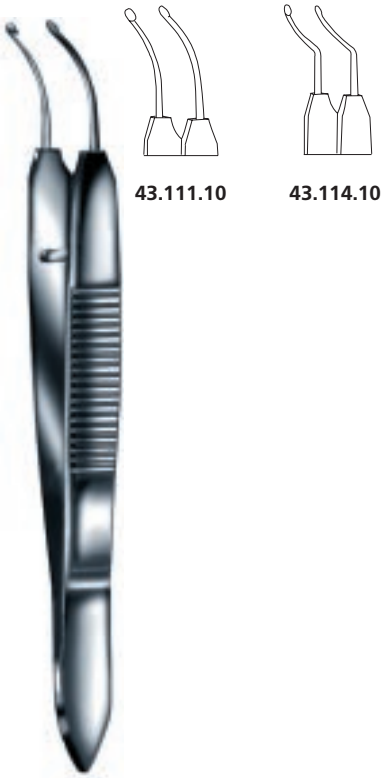
GILL ARRUGA
43.101.07
7 cm



TERSON
43.103.09
9 cm
5 x 6 teeth



ELSCHNIG
43.109.10
10 cm



43.111.10 **43.114.10**

ARRUGA
43.111.10 - 43.114.10
10 cm



CASTROVIEJO
43.115.10
10 cm



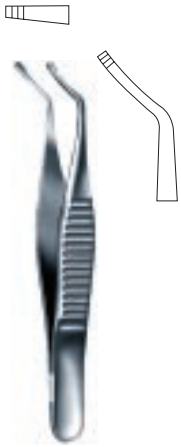
SCHWEIGGER
43.117.10
10 cm



SCHWEIGGER
43.119.10
10 cm



ELSCHNIG
43.121.10
10 cm



HESS
43.125.06
6 cm



HESS
43.127.06
6 cm



FUCHS
43.129.07
7 cm



mm teeth

0.12	**43.150.01**
0.3	**43.150.03**
0.5	**43.150.05**
1.0	**43.150.10**
1.5	**43.150.15**

CASTROVIEJO
43.150.01 - 43.150.15
10 cm



mm teeth

0.5	**43.151.05**
1.0	**43.151.10**
1.5	**43.151.15**

CASTROVIEJO
43.151.01 - 43.151.15
10 cm

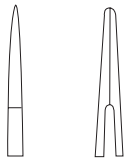


MOORFIELD
43.164.10
10 cm



ST. MARTIN
43.166.07
7 cm





Tübingen
43.181.10
10 cm



plain	**43.190.08**
1 x 2 teeth	**43.202.08**

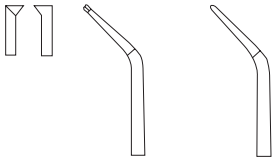
PAUFIQUE
43.190.08 - 43.202.08
8 cm



plain	**43.202.08 T**
1 x 2 teeth	**43.206.08 T**

PAUFIQUE
43.202.08 T - 43.206.08 T
8 cm





43.210.10 T	**43.220.10 T**
43.214.10 T	**43.224.10 T**

McPHERSON
43.210.10 T - 43.224.10 T
10 cm

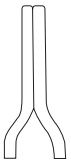


AYER
43.240.09
9 cm



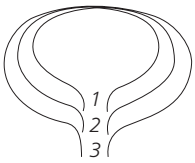
AYER
43.242.09
9 cm





LAMBERT
43.246.09
9 cm





43.254.09
fig 1
43.256.09
fig. 2
43.258.09
fig. 3

DESMARRES
43.254.09 - 43.258.09
9 cm



ERHARDT
43.258.14
9 cm



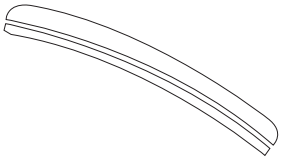


fig. 1

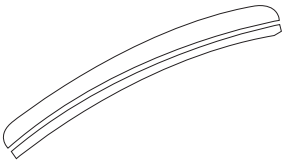


fig. 2

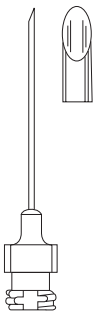
fig.

1	**43.265.10**
2	**43.267.10**

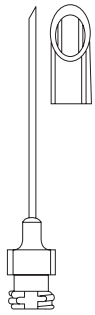
SNELLEN
43.265.10 - 43.267.10
10 cm



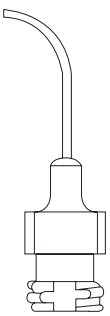
KNAPP LUER
43.274.11
11 cm



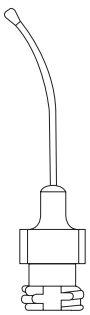
SCHEIE
43.302.28
0.1 x 2.8 cm



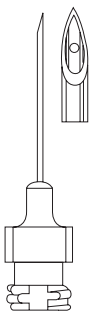
SCHEIE
43.302.33
1.5 x 3.3 cm



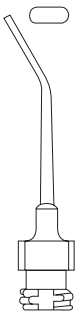
Tübingen
43.303.45



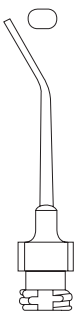
Hamburg
43.305.00



SIMCOE
43.306.00



Bonn
43.307.00



Bonn
43.309.00



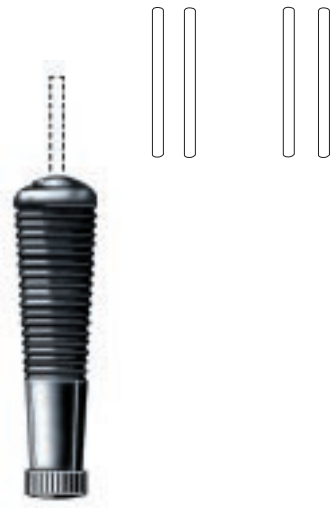
CASTROVIEJO
43.310.50 - 43.311.01

ø mm	
5.0	**43.310.50**
5.5	**43.310.55**
6.0	**43.310.60**
6.5	**43.310.65**
7.0	**43.310.70**
8.0	**43.310.80**
9.0	**43.310.90**
10.0	**43.311.00**
11.0	**43.311.01**



FRANCESCHETTI
43.320.50 - 43.321.00

ø mm	
5.0	**43.320.50**
5.1	**43.320.51**
6.0	**43.320.60**
6.1	**43.320.61**
7.0	**43.320.70**
7.1	**43.320.71**
8.0	**43.320.80**
8.1	**43.320.81**
9.0	**43.320.90**
9.1	**43.320.91**
10.0	**43.321.00**



ELLIOT
43.340.00
complete = 4



SCHIOETZ
43.404.00
straight scale
43.406.00
oblique scale



43.408.00
eye magnet



BEER
43.420.09
9 cm



DOUGLAS
43.422.09
9 cm



LITTAUER
43.424.08
8.5 cm



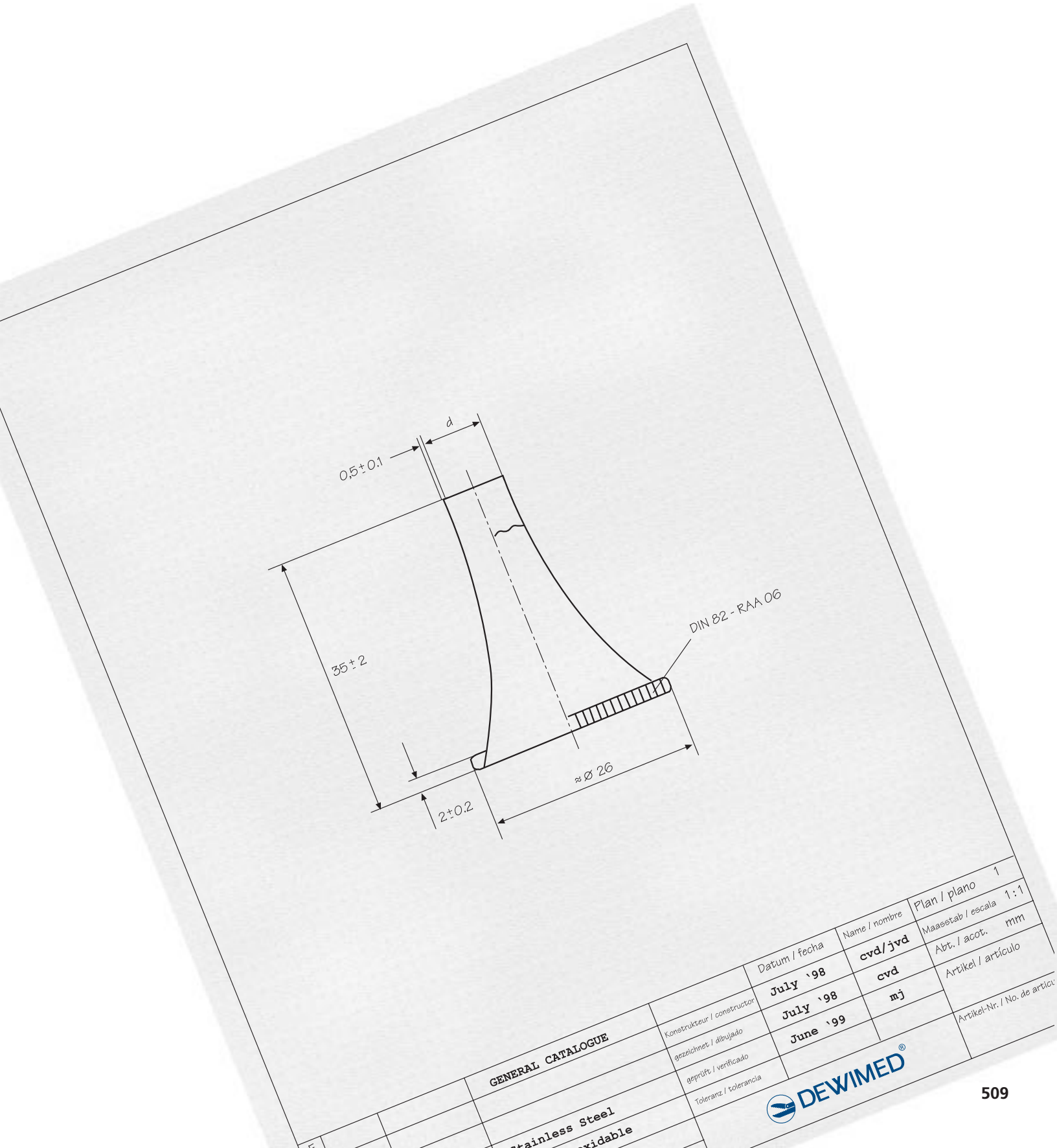
BARRAQUER
43.425.10
10.5 cm

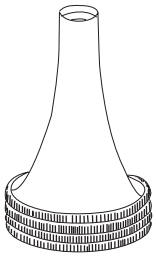


43.426.09
9 cm



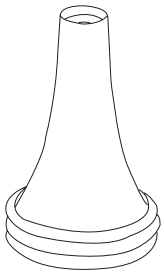
GRADLE
43.428.09
9 cm


d
0,5 ± 0,1
35 ± 2
DIN 82 - RAA 06
≈ Ø 26
2 ± 0,2
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu
Stainless Steel
xidable
DEWIMED®



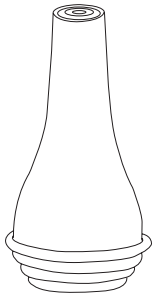
0 **44.010.30** *ø 3.0 mm*
1 **44.010.45** *ø 4.5 mm*
2 **44.010.55** *ø 5.5 mm*
3 **44.010.65** *ø 6.5 mm*
4 **44.010.75** *ø 7.5 mm*

HARTMAN
44.010.00
set 4



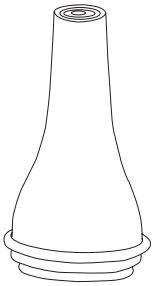
2 **44.012.55** *ø 5.5 mm*
3 **44.012.65** *ø 6.5 mm*
4 **44.012.75** *ø 7.5 mm*

TOYNBEE
44.012.00
set 3



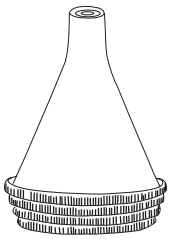
1 **44.014.45** *ø 4.5 mm*
2 **44.014.55** *ø 5.5 mm*
3 **44.014.65** *ø 6.5 mm*
4 **44.014.75** *ø 7.5 mm*

GRUBER
44.014.00
set 4



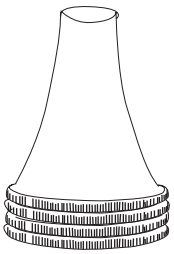
1 **44.015.45** *ø 4.5 mm*
2 **44.015.55** *ø 5.5 mm*
3 **44.015.65** *ø 6.5 mm*
4 **44.015.75** *ø 7.5 mm*

GRUBER
44.015.00
set 3



5 **44.018.50** *ø 5 mm*
6 **44.018.60** *ø 6 mm*
7 **44.018.70** *ø 7 mm*
8 **44.018.80** *ø 8 mm*

BOUCHERON
44.018.00
set 4

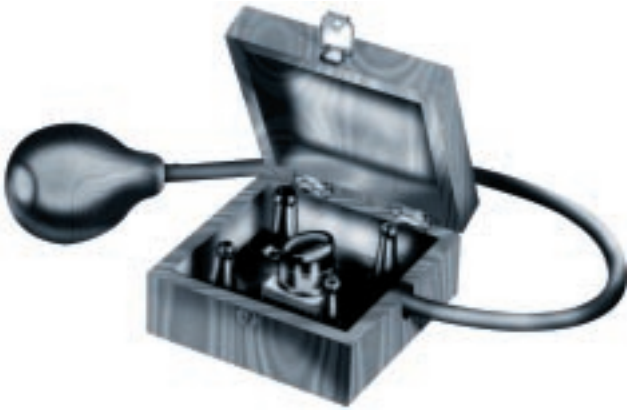


1 **44.020.01** *ø 3.3 mm*
2 **44.020.02** *ø 4.3 mm*
3 **44.020.03** *ø 4.8 mm*
4 **44.020.04** *ø 5.3 mm*
5 **44.020.05** *ø 5.8 mm*
6 **44.020.06** *ø 6.3 mm*
7 **44.020.07** *ø 6.7 mm*

FARRIOR
44.020.00
set 9



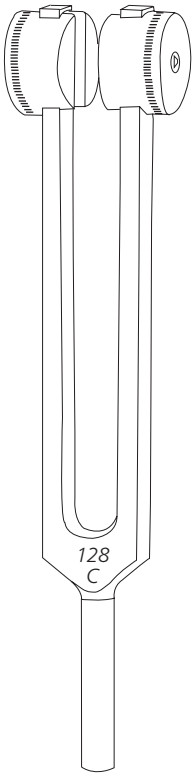
6.5 mm 3
7 mm 2
8 mm 1



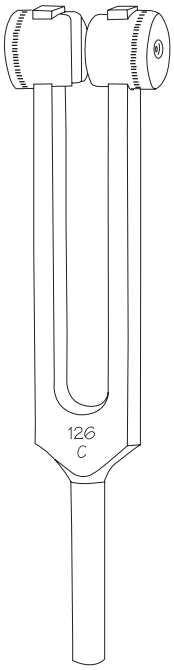


BHRUENINGS
44.030.04
complete

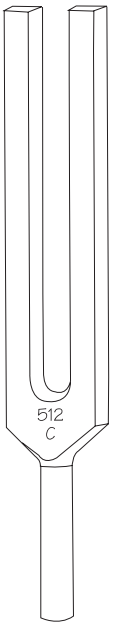
SIEGLE
44.036.03
complete



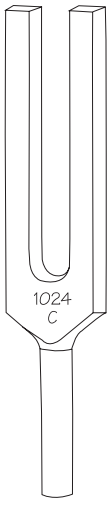
44.060.01
C 128



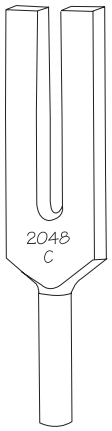
44.060.02
C 256



44.060.03
C 512



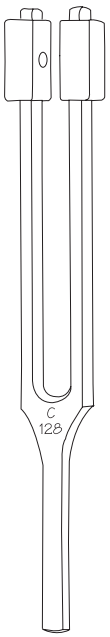
44.060.04
C 1024



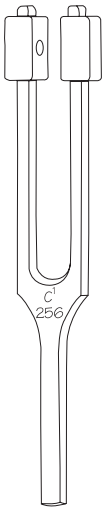
44.060.05
C 2048



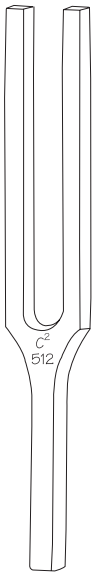
diapason
44.061.00
set 5



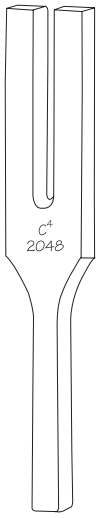
HARTMAN
44.070.01
C 128



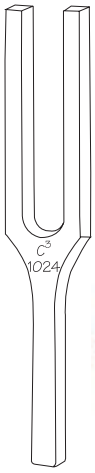
HARTMAN
44.070.02
C 256



HARTMAN
44.070.03
C 512



HARTMAN
44.070.04
C 2048



HARTMAN
44.070.05
C 1024



HARTMAN
44.071.00
complete



LUCAE
44.074.01
C 128



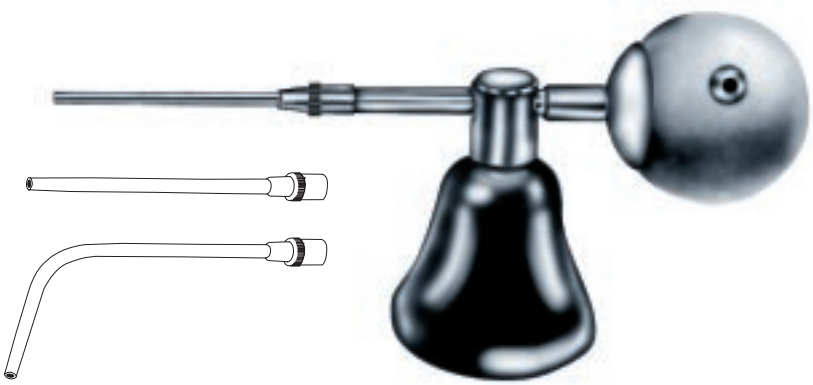
44.075.00



RYDEL SEIFFER
44.076.01
C 64 / C 128



BARANY
44.080.00
noise apparatus



KABIERSKE
44.090.00
powder blower
30 cc



KABIERSKE
44.090.01
powder blower
30 cc



POLITZER
44.091.00
complete
44.091.01
only



44.091.03



44.091.04
ø 4 mm



44.091.15
ø 15 mm

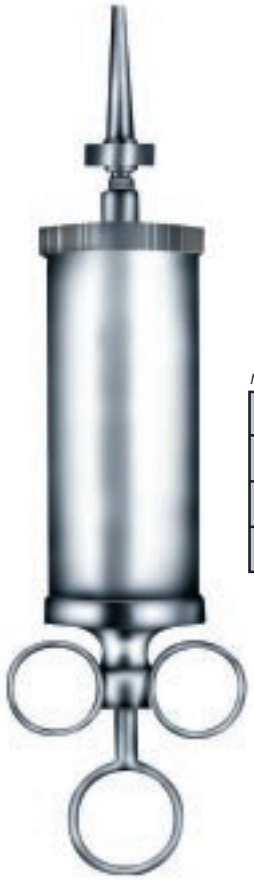


44.091.17
ø 17 mm



44.091.22
ø 22 mm

44.091.35
air bag only



REINER
44.096.50 - 44.097.15

ml	
50	**44.096.50**
75	**44.096.75**
100	**44.097.10**
150	**44.097.15**



mm	
1 / 3 charr	44.101.03
1.7/5 charr	44.101.05
2 /7 charr	44.101.07

BARON
44.101.03 - 44.101.07



fig	
1	44.103.01
2	44.103.02
3	44.103.03
4	44.103.04

HOUSE
44.103.01 - 44.103.04



	Fig 00	Fig 0	Fig 1	Fig 2	Fig 3	Fig 4	Fig 5
	44.109.00	44.110.00	44.110.01	44.110.02	44.110.03	44.110.04	44.110.05
	44.111.00	44.112.00	44.112.01	44.112.02	44.112.03	44.112.04	44.112.05
	44.114.00	44.115.00	44.115.01	44.115.02	44.115.03	44.115.04	44.115.05
	44.116.00	44.117.00	44.117.01	44.117.02	44.117.03	44.117.04	44.117.05

BUCK
44.109.00 - 44.117.05
curettes



0 **44.131.00**
1 **44.131.01**
2 **44.131.02**
3 **44.131.03**
4 **44.131.04**
5 **44.131.05**

HARTMANN
44.131.00 - 44.131.05



1 **44.133.01**
2 **44.133.02**
3 **44.133.03**
4 **44.133.04**
5 **44.133.05**

ITARD
44.133.01 - 44.133.05



POLITZER
44.150.18
18 cm



POLITZER
44.151.16
16.5 cm



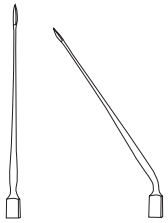
POLITZER
44.153.16
16.5 cm



POLITZER
44.160.15
15 cm



SEXTON
44.162.18
18 cm
44.165.17
17 cm



44.162.18
18 cm

44.164.17
17 cm



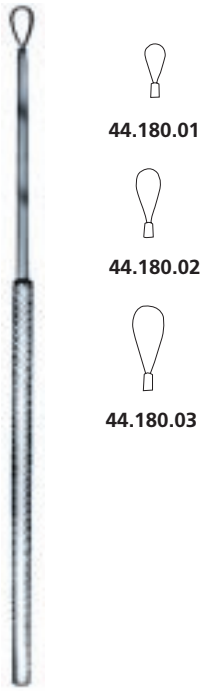
44.165.17
17 cm



GROSS
44.170.12
12 cm



GROSS
44.171.12
12 cm

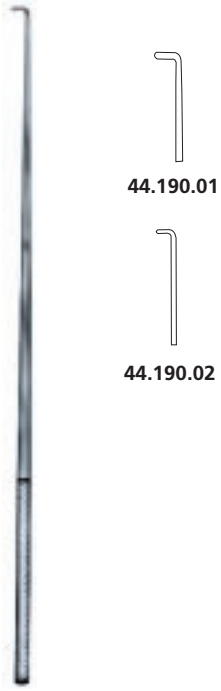


44.180.01

44.180.02

44.180.03

BILLEAU
44.180.01 - 44.180.03
15.5 cm



44.190.01

44.190.02

DAY
44.190.01 - 44.190.02
16 cm



44.192.01



44.192.02



44.192.03

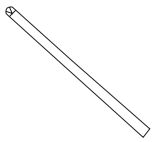


44.192.04

WAGENER
44.192.01 - 44.192.04
14 cm



44.201.11



44.203.11



WILDE TROELTSCH
44.201.11 - 44.203.11
12 cm



LUCAE
44.206.14
14 cm
44.206.16
16 cm



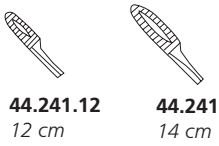
KRAUSE
44.220.16
16 cm



WILDE
44.222.17
17 cm



44.225.02
doz



44.241.12
12 cm

44.241.14
14 cm



HARTMAN
44.241.12 - 44.241.14



TILLEY
44.243.14
14 cm



LITTAUER
44.245.12
12 cm



QUIRE
44.251.10
10 cm



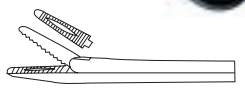
BUCK
44.253.11
11 cm



HARTMANN WULLSTEIN
44.255.08
8.5 cm



HARTMANN WULLSTEIN
44.257.08
8.5 cm

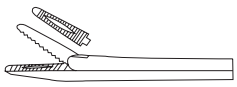


HARTMANN

cm	
8.5	**44.261.08**
14.0	**44.261.14**
16.0	**44.261.16**

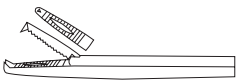


HARTMANN
44.255.08 - 44.275.08
foreign body levers



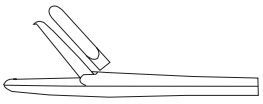
HARTMANN

cm	
8.5	**44.262.08**
14.0	**44.262.14**
16.0	**44.262.16**



HARTMANN

cm	1 x 2 teeth
8.5	**44.263.08**
14.0	**44.263.14**
16.0	**44.263.16**



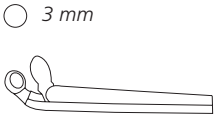
HARTMANN

cm	
8.5	**44.265.08**
14.0	**44.265.14**
16.0	**44.265.16**

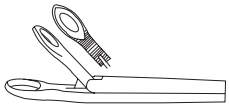


HARTMANN

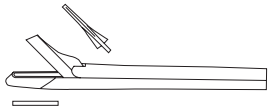
ø cm	8.5 cm
1.0	**44.267.10**
2.0	**44.267.20**
2.5	**44.267.25**
3.0	**44.267.30**
3.5	**44.267.35**



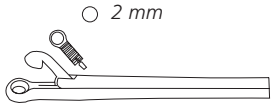
HARTMANN
44.269.30 - 44.270.30
8.5 cm



HARTMANN
44.271.08
8.5 cm
44.271.14
14 cm



HARTMANN
44.273.08
8.5 cm / 1 mm
44.273.09
8.5 cm / 1.5 mm



HARTMANN HOFFMANN
44.275.08
8.5 cm



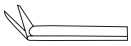
BELLUCCI
44.310.40 - 44.322.70
micro ear scissors



BELLUCCI
44.310.40
micro mini
4 mm



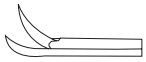
BELLUCCI
44.312.55
micro standard
5.5 mm



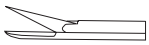
BELLUCCI
44.313.55
micro standard
4 mm



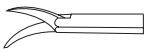
BELLUCCI
44.315.55
micro standard
5.5 mm



BELLUCCI
44.317.55
micro standard
5.5 mm



SHEA
44.320.70
7 mm



SHEA
44.321.70
7 mm



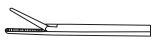
SHEA
44.322.70
7 mm



44.350.40 - 44.360.35
micro ear forceps



44.350.40
4 mm



44.350.70
7 mm



44.352.40
4 mm



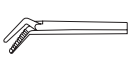
44.353.60
6 mm



44.355.60
6 mm



44.357.40
4 mm



44.359.40
4 mm



44.360.35
4 mm



44.362.45 - 44.383.30



44.362.45
4.5 mm



44.363.45
4.5 mm



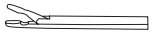
44.365.45
4 mm



44.367.50
5 mm



44.369.50
5 mm



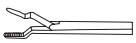
44.370.50
5 mm



McGEE
44.371.40
0.8 x 4.0 mm



COS
44.373.30
1.8 x 0.8 x 3 mm



JUERS
44.375.60
6 mm



JUERS
44.377.60
6 mm



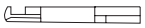
HAUGH
44.381.30
45º 3 mm



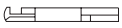
HAUGH
44.383.30
45º 3 mm



DIETER
44.385.01 - 44.387.02
malleus nippers



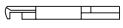
44.385.01
micro
upward



44.387.01
mini
upward



44.385.02
micro
downward



44.387.02
mini
downward



44.410.00 - 44.419.00
micro
RG
ring handle patterns

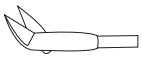
44.410.00



44.412.00



44.413.00



44.415.00



44.417.00



44.419.00



44.430.00

44.432.00

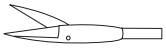
44.433.00

44.435.00

44.437.00

44.439.00

44.439.08

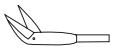




44.430.00 - 44.439.08
micro
BG
pencil handle patterns



44.420.00 - 44.429.00
micro mini
RG
ring handle patterns

44.420.00		**44.440.00**
44.422.00		**44.442.00**
44.423.00		**44.443.00**
44.425.00		**44.445.00**
44.427.00		**44.447.00**
44.429.00		**44.449.00**



44.440.00 - 44.449.00
micro mini
BG
pencil handle patterns



44.510.00 - 44.549.00
micro
RG
ring handle patterns

44.510.00		**44.610.00**
44.511.00		**44.611.00**
44.513.00		**44.613.00**
44.514.00		**44.614.00**
44.515.00		**44.615.00**
44.516.00		**44.616.00**
44.517.00		**44.617.00**
44.519.00		**44.619.00**
44.520.00		**44.620.00**
44.521.00		



44.610.00 - 44.649.00
micro
BG
pencil handle patterns

ø 1mm	*ø 1.5 mm*	*ø 2 mm*	*ø 2.5 mm*		*ø 1mm*	*ø 1.5 mm*	*ø 2 mm*	*ø 2.5 mm*
44.522.00	**44.528.00**	**44.534.00**	**44.540.00**		**44.622.00**	**44.628.00**	**44.634.00**	**44.640.00**
44.523.00	**44.529.00**	**44.535.00**	**44.541.00**		**44.623.00**	**44.629.00**	**44.635.00**	**44.641.00**
44.525.00	**44.531.00**	**44.537.00**	**44.543.00**		**44.625.00**	**44.631.00**	**44.637.00**	**44.643.00**
44.527.00	**44.533.00**	**44.539.00**	**44.545.00**		**44.627.00**	**44.633.00**	**44.639.00**	**44.645.00**
			44.546.00		**44.646.00**			
			44.547.00		**44.647.00**			
			44.548.00		**44.648.00**			
			44.549.00		**44.649.00**			

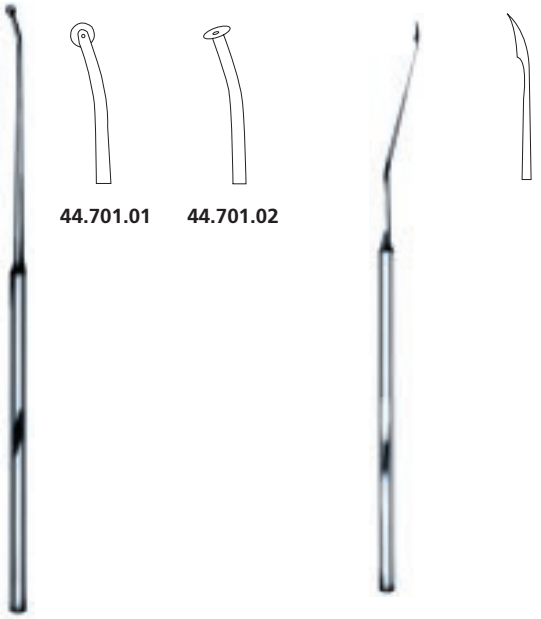


44.550.00 - 44.589.00
micro mini
RG
ring handle patterns

44.550.00		**44.650.00**
44.551.00		**44.651.00**
44.553.00		**44.653.00**
44.554.00		**44.654.00**
44.555.00		**44.655.00**
44.556.00		
44.557.00		**44.657.00**
44.559.00		**44.659.00**
44.560.00		**44.660.00**
44.561.00		
44.562.00		**44.662.00**
44.563.00		**44.663.00**
44.565.00		**44.665.00**
44.567.00		**44.667.00**
44.586.00		**44.686.00**
44.587.00		**44.687.00**
44.588.00		**44.688.00**
44.589.00		**44.689.00**



44.650.00 - 44.689.00
micro mini
BG
pencil handle patterns



SCHUKNECHT
44.701.01 - 44.701.02
15.5 cm

SCHUKNECHT
44.703.15
15.5 cm



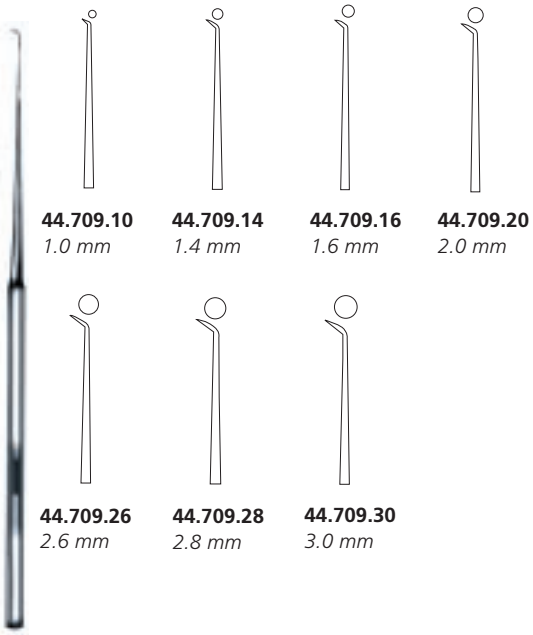
WULLSTEIN
44.704.15
15.5 cm



TABB
44.705.15
15.5 cm



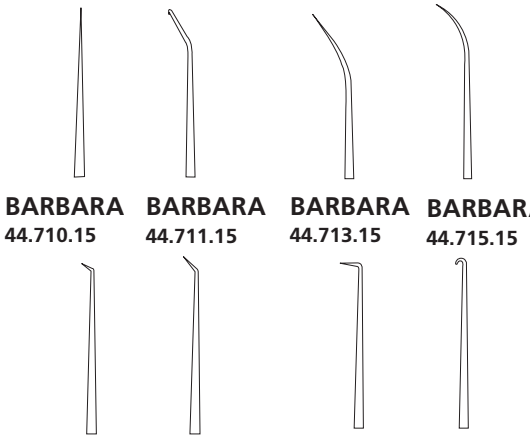
PLESTER
44.706.35
15.5 cm / ø 3.5 mm



ROSEN
44.709.10 - 44.709.30
15.5 cm



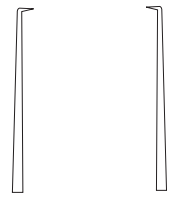
BARBARA
44.710.15 - 44.725.10
15.5 cm



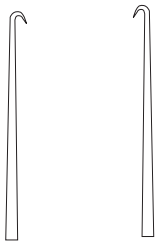
mm	*25°*	*45°*	*90°*
0.3	**44.720.03**	**44.722.03**	**44.724.03**
0.6	**44.720.06**	**44.722.06**	**44.724.06**
1.0	**44.720.10**	**44.722.10**	**44.724.10**
1.2		**44.722.12**	**44.724.12**
1.5		**44.722.15**	**44.724.15**
2.0		**44.722.20**	**44.724.20**
2.5		**44.722.25**	**44.724.25**

44.725.05
0.5 mm
44.725.10
1.0 mm





mm	90°	90°
0.3	44.730.03	44.732.03
0.6	44.730.06	44.732.06
1.0	44.730.10	44.732.10



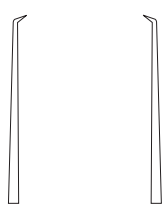
McGEE

mm		
0.5	44.733.05	44.735.05
1.0	44.733.10	44.735.10

BARBARA
44.736.15



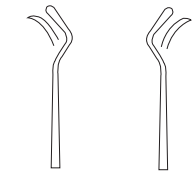
ROSEN
44.737.15



mm	25°	25°	45°	45°
0.3	44.741.03	44.743.03	44.745.03	44.747.03
0.6	44.741.06	44.743.06	44.745.06	44.747.06
1.0	44.741.10	44.743.10	44.745.10	44.747.10

44.730.03 - 44.747.10
15.5 cm



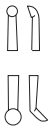


44.751.16 44.753.06

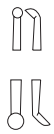
44.755.16 44.757.16

FISCH
44.751.16 - 44.757.16
15.5 cm





mm	
1.0 / 1.2	44.760.01
1.5 / 1.8	44.760.02



mm	
1.0 / 1.2	44.762.01
1.5 / 1.8	44.762.02

HOUSE
44.760.01 - 44.762.02
15.5 cm



44.766.35
3.5 mm

44.766.40
4.0 mm



44.766.45
4.5 mm

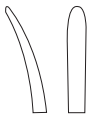
44.766.50
5.0 mm

HOUSE
44.766.35 - 44.766.55
15.5 cm

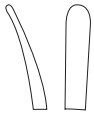




44.802.16
1 mm



44.803.16
2 mm



44.805.16
3 mm

LEMPERT
44.802.16 - 44.805.16
20.5 cm



LEMPERT
44.807.20
20.5 cm





44.810.02
2 x 2 mm

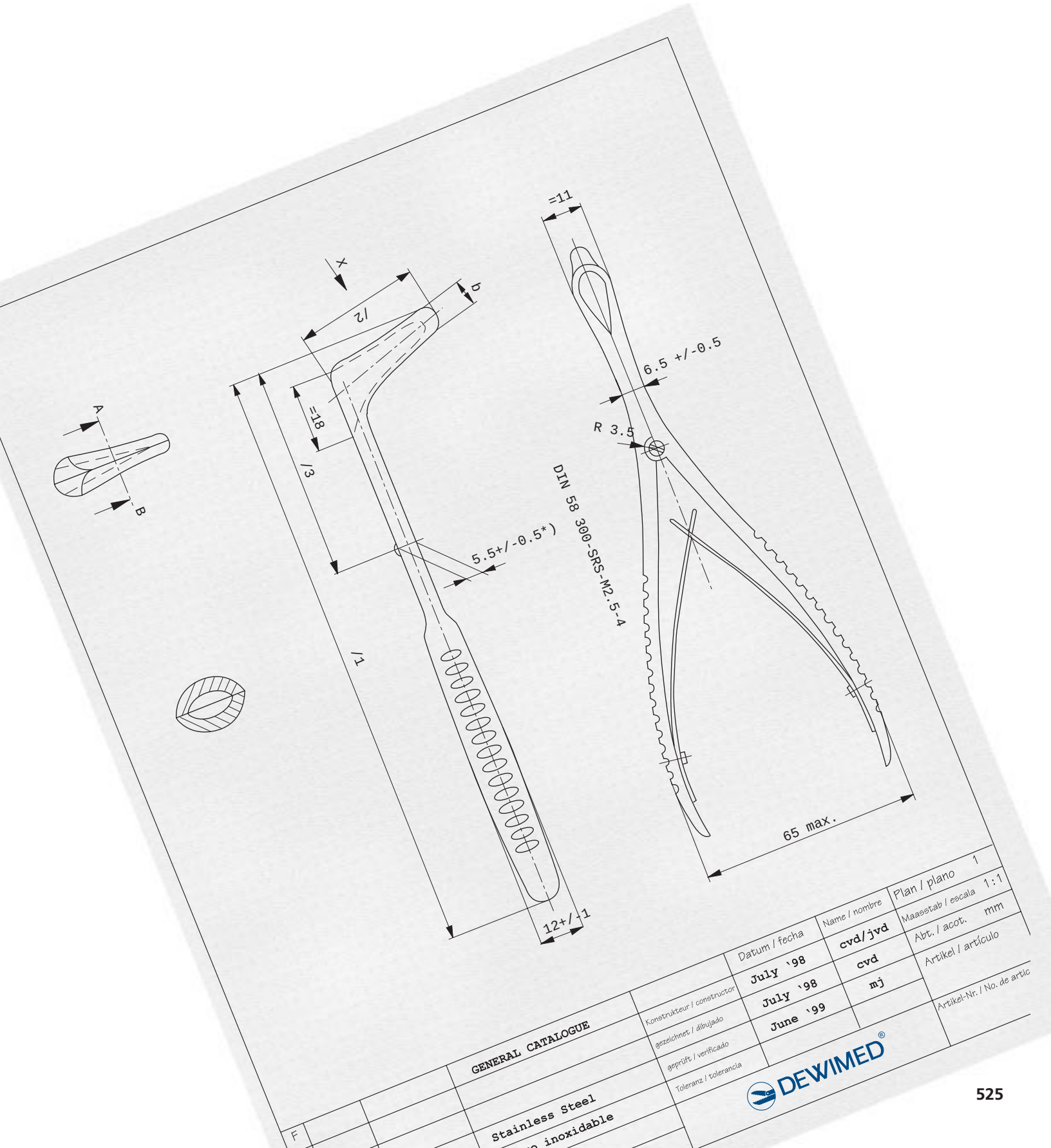


44.810.03
3 x 3 mm

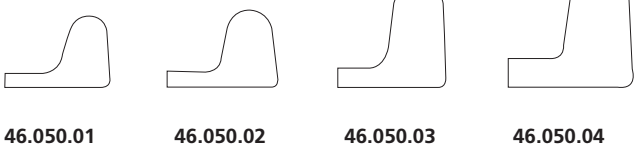
PASSOW
44.810.02 - 44.810.03
13 cm



MUCK
44.812.13
13 cm


=11
X
l2
b
=18
l3
A
B
6.5 +/-0.5
R 3.5
DIN 58 300-SRS-M2.5-4
5.5+/-0.5*)
l1
65 max.
12+/-1
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
DEWIMED®
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artic





46.050.01 46.050.02 46.050.03 46.050.04

THUDICHUM
46.050.01 - 46.050.07

46.050.05 46.050.06 46.050.07

nasal specula

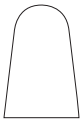


46.060.01





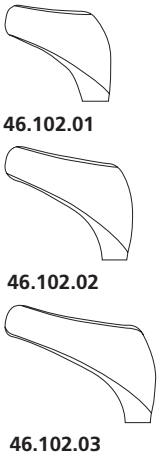
46.060.02



VOLTOLINI
46.060.01 - 46.06O.03

46.060.03





46.102.01

46.102.02

46.102.03

HARTMANN HALLE
46.102.01 - 46.102.03

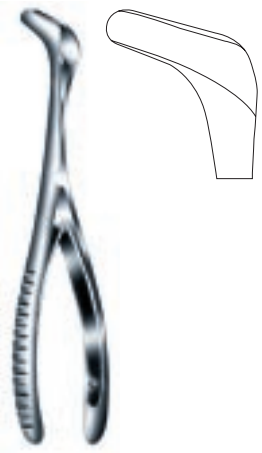


Vienna
46.112.01
baby
46.112.02
child
46.112.03
adult



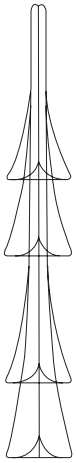
Vienna
46.113.03
lightweight

nasal specula



TIECK HALLE
46.116.13
13.5 cm





46.120.35
35 mm

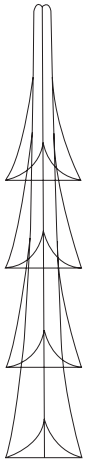
46.120.50
50 mm

46.120.75
75 mm

46.120.90
90 mm

KILLIAN
46.120.35 - 46.120.90





46.124.35
35 mm

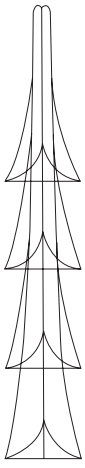
46.124.50
50 mm

46.124.75
75 mm

46.124.90
90 mm

COTTLE
46.124.35 - 46.124.90





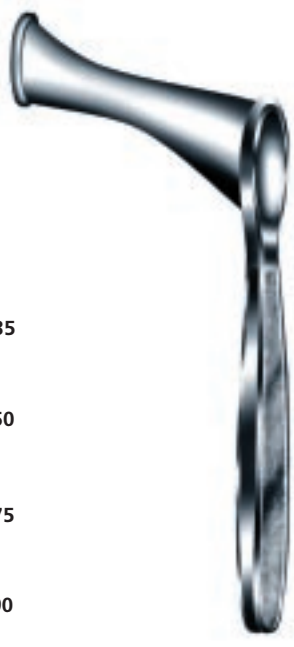
46.126.35
35 mm

46.126.50
50 mm

46.126.75
75 mm

46.126.90
90 mm

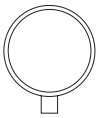
COTTLE
46.126.35 - 46.126.90



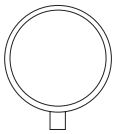
YANKAUER
46.131.19
19 cm



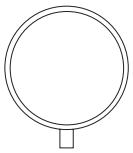
MICHEL
46.139.12 - 46.139.18
25 cm



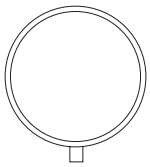
46.139.12
12 mm



46.139.14
14 mm



46.139.16
16 mm



46.139.18
18 mm



COTTLE
46.151.10
10 cm



OGURA
46.151.11
11 cm



COTTLE
46.151.14
14 cm



TROELTSCH
46.151.15
15 cm



TROELTSCH
46.151.18
18 cm



JANSEN
46.154.20
16 cm



HARTMANN
46.161.16
16 cm



HARTMANN
46.161.20
20 cm



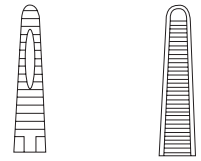
LUBET BARBON
46.165.20
20 cm



LITTAUER
46.167.18
18 cm



HEYMANN KNIGHT
46.169.18
18 cm

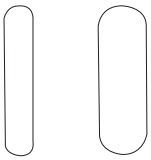


46.171.14 **46.173.14**



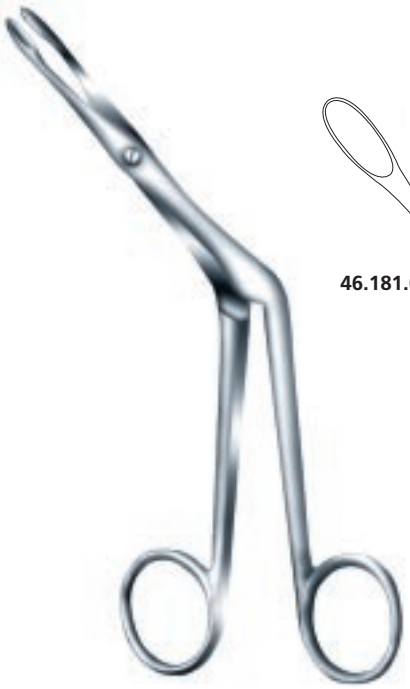
NOYES
46.171.14 - 46.173.14
14 cm

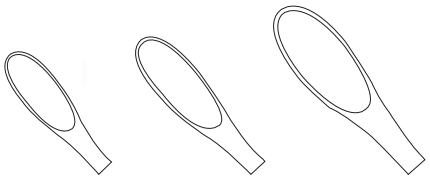




46.175.02 46.175.03

TAKAHASHI
46.175.02 - 46.175.03
12 cm





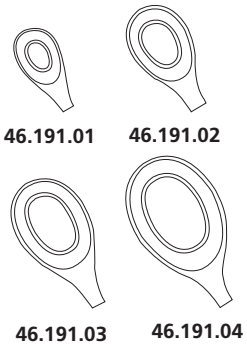
46.181.01 46.181.02 46.181.03

HEYMANN
46.181.01 - 46.181.03
18 cm



KNIGHT
46.185.18
18.5 cm

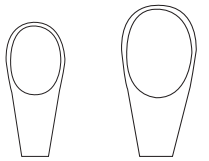




46.191.01 46.191.02 46.191.03 46.191.04

BRUENINGS
46.191.01 - 46.191.04
19 cm





46.195.01 46.195.02

LUC
46.195.01 - 46.195.02
19 cm



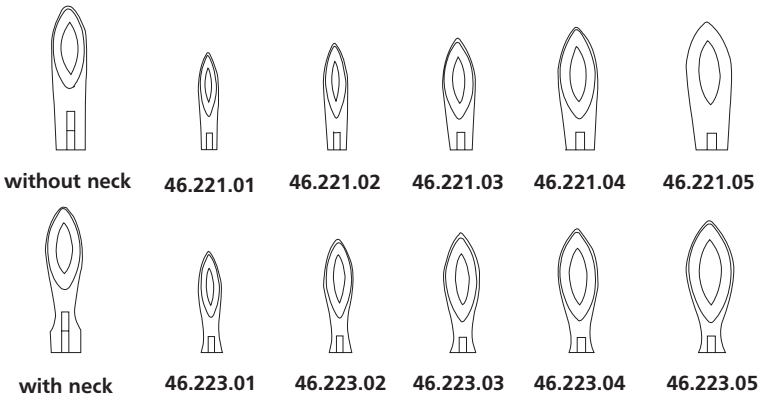


46.197.01 46.197.02

LUC
46.197.01 - 46.197.02
19 cm



THORNWALD
46.209.23
23 cm
tip 3.5 mm

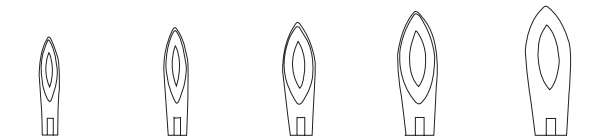


without neck
46.221.01 46.221.02 46.221.03 46.221.04 46.221.05

with neck
46.223.01 46.223.02 46.223.03 46.223.04 46.223.05



WEIL BLAKESLEY
46.221.01 - 46.223.05
12 cm



46.227.01 **46.227.02** **46.227.03** **46.227.04** **46.227.05**



46.225.01



46.225.02



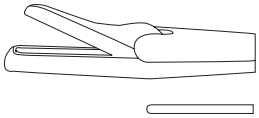
46.225.03



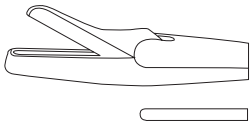
WEIL BLAKESLEY
46.225.01 - 46.225.03
14 cm



WEIL BLAKESLEY
46.227.01 - 46.227.05
18 cm



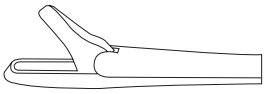
STRUYCKEN
46.231.01 - 46.231.02
12 cm



STRUYCKEN
46.232.01 - 46.232.02
18 cm



HARTMANN
46.235.05 - 46.235.11



MYLES
46.237.01 - 46.237.03



46.231.01 - 46.237.03
nasal cutting forceps
12 cm



46.235.05
5 mm



46.235.07
7 mm



46.235.09
9 mm



46.235.11
11 mm



46.237.01

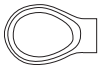


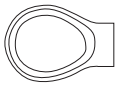
46.237.02



46.237.03


46.239.01


46.239.02


46.239.03



WATSON WILLIAMS
46.239.01 - 46.239.03
12 cm



CAPLAN
46.251.20
20 cm



RUBIN
46.251.21
21 cm

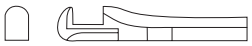


mm

3	**46.303.03**
4	**46.303.04**
5	**46.303.05**
6	**46.303.06**

KERRISON
46.303.03 - 46.303.06
17 cm
85 mm

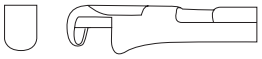




46.305.01
up wards

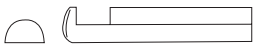
HAJEK KOFLER
46.305.01
13 cm
tip 3.5 mm



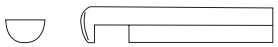


46.305.02
downwards

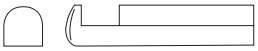
HAJEK KOFLER
46.305.02
13 cm
tip 3.5 mm



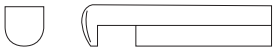
46.306.03
3x3 mm



46.307.03
3x3 mm



46.306.05
5x5 mm



46.307.05
5x5 mm



FERRIS SMITH KERRISON
46.306.03 - 46.307.05
18 cm



mm

1.0	**46.311.10**
2.5	**46.311.25**
4.0	**46.311.40**

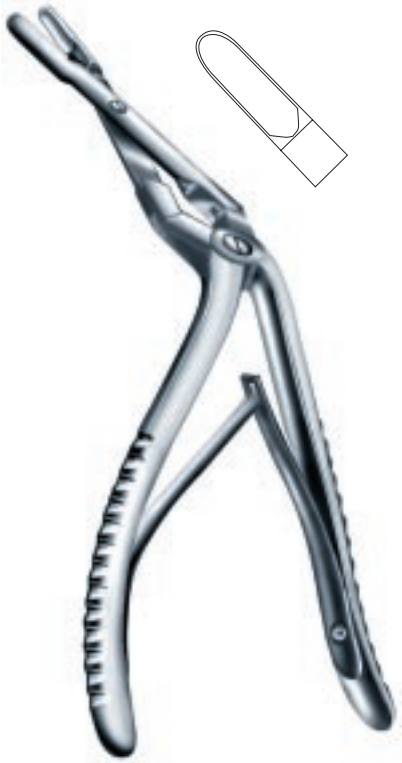
CITELLI
46.311.10 - 46.311.40
6 cm



BEYER
46.315.20
9 cm
tip 2.0 mm



HAJEK CLAUS
46.320.20
20 cm



MIDDLETON JANSEN
46.323.19
19 cm



MIDDLETON JANSEN
46.325.19
19 cm



SEIFFERT
46.336.18
18 cm
tip 0.9 mm



mm

100 x 1.5	**46.340.15**
100 x 1.8	**46.340.18**
100 x 2.0	**46.340.20**

LICHTWITZ
46.340.15 - 46.340.20



KILLIAN
46.341.03
14 cm



KRAUSE
46.351.26
26 cm



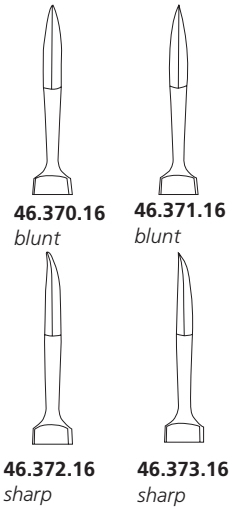
WILDE
46.352.24
24 cm



46.355.03
0.3 mm
binded (12 pieces)



JOSEPH
46.370.16 -46.373.16
16 cm



46.370.16
blunt

46.371.16
blunt

46.372.16
sharp

46.373.16
sharp



FREER
46.374.15
15 cm



FREER
46.375.19
19 cm



JOSEPH
46.376.16
16 cm



CONVERSE
46.379.16
16 cm



COTTLE
46.380.15
15 cm



COTTLE
46.382.15
15 cm



COTTLE
46.384.15
15 cm



COTTLE
46.385.15
15 cm



MALTZ
46.387.00
16 cm





46.390.03
3 mm



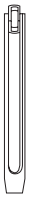
46.390.04
4 mm



46.390.05
5 mm

BALLENGER
46.390.03 - 46.390.05
20 cm





46.392.03
3 mm



46.392.04
4 mm

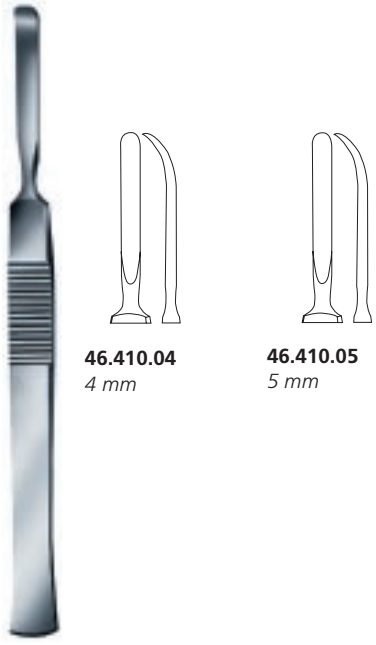


46.392.05
5 mm

BALLENGER
46.392.03 - 46.392.05
20 cm



BRUENINGS
46.398.16
16.5 cm



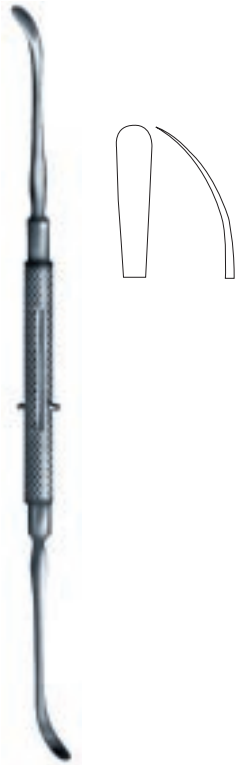
46.410.04
4 mm

46.410.05
5 mm

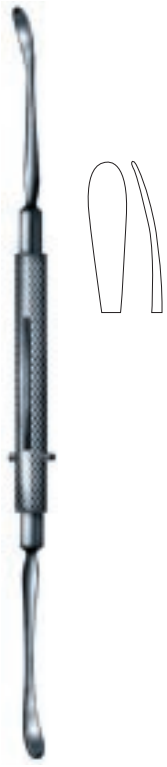
McKENTY
46.410.04 - 46.410.05
15 cm



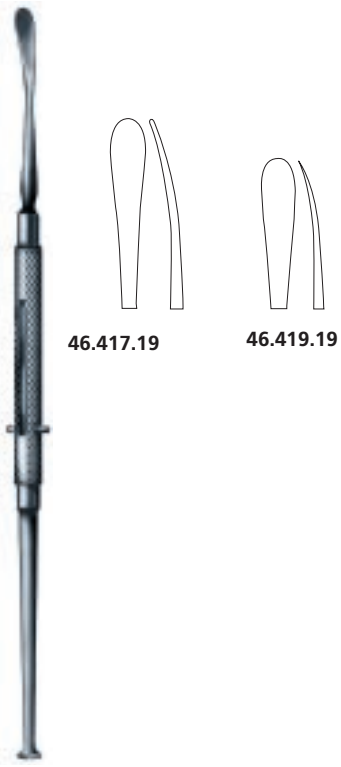
ORTIZ MONASTERIO
46.411.11 - 46.412.11
11 cm



ROGER
46.413.19
19 cm



FREER
46.415.18
18 cm



46.417.19

46.419.19

FREER
46.417.19 - 46.419.19
19 cm



COTTLE
46.421.23
23 cm



COTTLE
46.423.22
22 cm



JOSEPH
46.425.16
16 cm



COTTLE
46.425.19
19 cm



KILLIAN
46.426.22
23 cm



HAJEK BALLENGER
46.428.21
22 cm



BALLENGER
46.430.22
22 cm



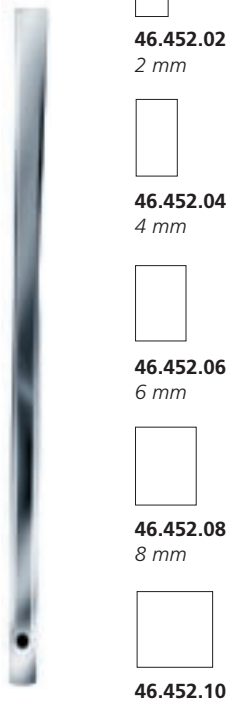
4 mm

FREER
46.450.04
16 cm



4 mm

FREER
46.451.04
16 cm



46.452.02
2 mm

46.452.04
4 mm

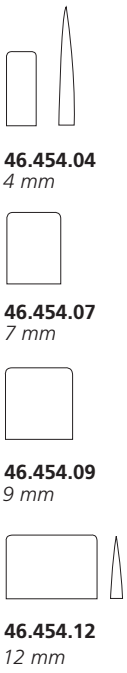
46.452.06
6 mm

46.452.08
8 mm

46.452.10
10 mm

ORTIZ MONASTERIO
46.452.02 - 46.452.10
16 cm





46.454.04
4 mm

46.454.07
7 mm

46.454.09
9 mm

46.454.12
12 mm

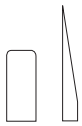
COTTLE
46.454.04 - 46.454.12
18 cm



6 mm

COTTLE
46.455.06
18 cm





46.458.04
4 mm

46.458.07
7 mm

46.458.09
9 mm

46.458.12
12 mm

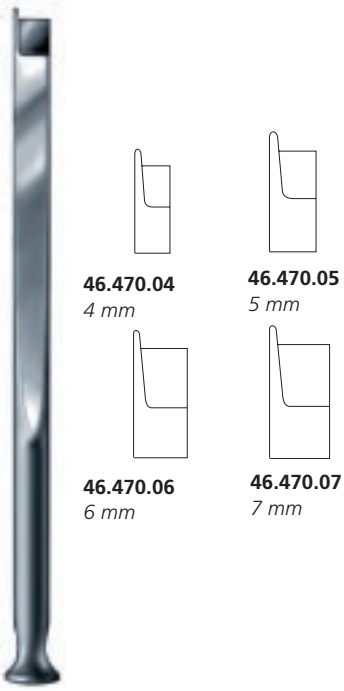
COTTLE
46.458.04 - 46.458.12
18 cm



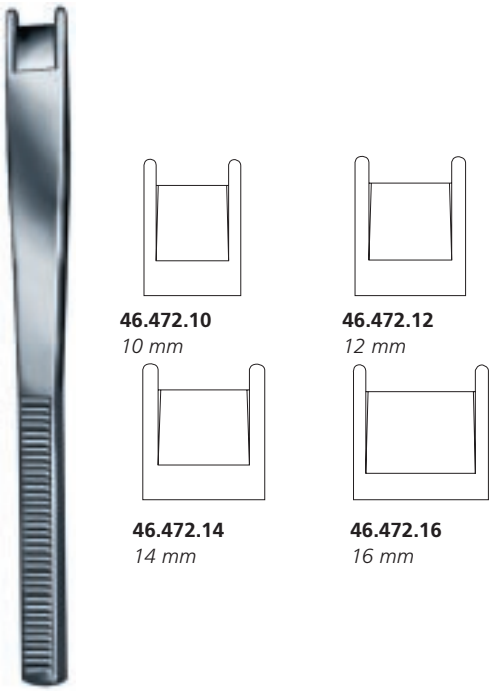
mm

4	**46.460.04**
7	**46.460.07**
12	**46.460.12**

COTTLE
46.460.04 - 46.460.12
18 cm



FOMON
46.470.04 - 46.470.07
17 cm



CINELLI
46.472.10 - 46.472.16
16 cm



SILVER
46.473.01
18 cm



SILVER
46.473.02
18 cm



SILVER
46.473.03
18 cm



KILLIAN CLAUS
46.482.05
17 cm



mm

4	46.484.04
6	46.484.06
8	46.484.08

HAJEK
46.484.04 - 46.484.08
16 cm



WEST
46.486.16
16 cm



WEST
46.487.16
16 cm



FREER
46.489.16
16.5 cm

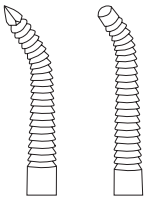


JOSEPH
46.502.16
16 cm



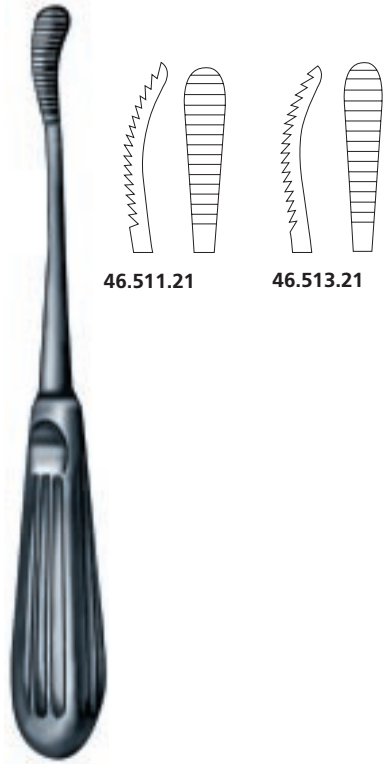
AUFRICHT
46.504.18
18 cm



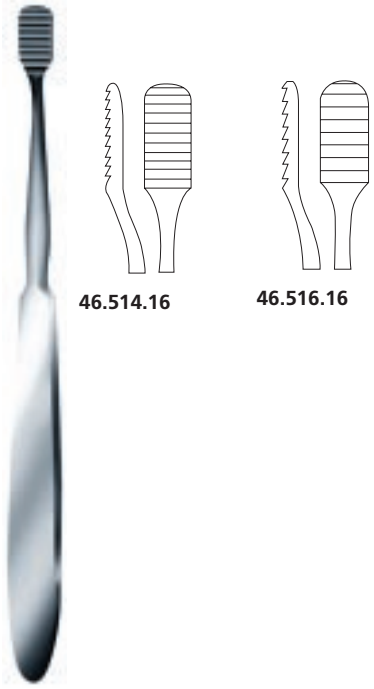


46.507.18 **46.507.19**

LEWIS
46.507.18 - 46.507.19
18 cm



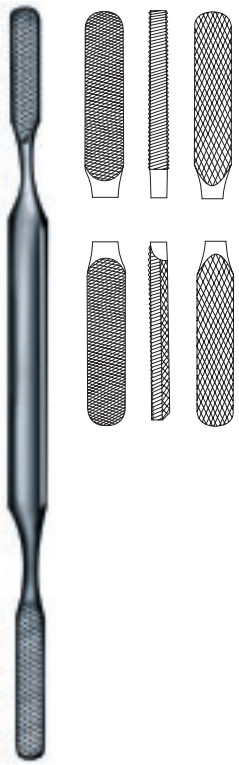
WEINER
46.511.21 - 46.513.21
21 cm



JOSEPH LEWIS
46.514.16 - 46.516.16
18 cm

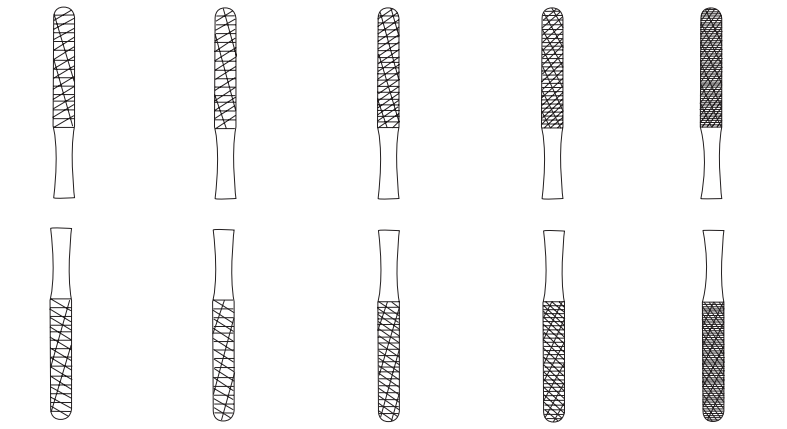


MALTZ
46.518.21
21 cm



FOMON
46.520.21
21 cm



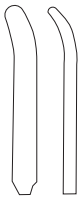


FOMON
46.522.01 TC - 46.522.09 TC
20 cm

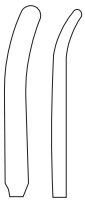




46.526.16



46.527.16



46.529.16

GALLAHER
46.526.16 - 46.529.16
16 cm

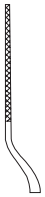


JOSEPH
46.535.01
17 cm
left

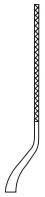


JOSEPH
46.535.02
17 cm
right





46.532.19
left



46.534.19
right

JOSEPH
46.532.19 - 46.534.19
19 cm



AUFRICHT
46.551.16
16 cm



AUFRICHT
46.553.13
13 cm



NEIVERT
46.553.16
16 cm



COTTLE
46.554.15
15 cm



COTTLE
46.555.14
14 cm



COTTLE
46.555.15
15 cm



COTTLE
46.556.14
14 cm



46.556.14
sharp

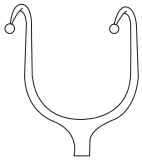


46.556.12
ball right



46.556.11
ball left





FOMON
46.556.16
16 cm



FOMON
46.557.17
17 cm



COTTLE NEIVERT
46.559.20
20 cm



GILLIES
46.560.18 - 46.562.18



46.560.18
18 cm
46.560.23
23 cm



46.562.18
18 cm



ASCH
46.571.23
23 cm



WALSHAM
46.572.23 - 46.575.23
23 cm

universal	**46.572.23**
right	**46.573.23**
left	**46.575.23**

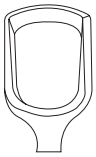


JATHO
46.595.15
15 cm

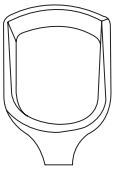


FAULKNER
46.601.21
21 cm

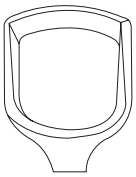




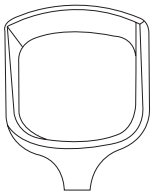
46.620.01



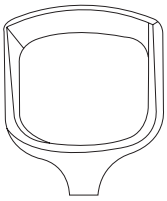
46.620.02



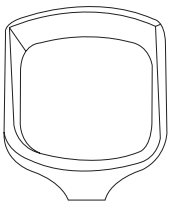
46.620.03



46.620.04



46.620.05



46.620.06

BECKMANN
46.620.01 - 46.620.06
22 cm





46.607.01



46.607.02



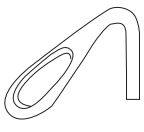
46.607.03



46.607.04



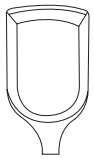
46.607.05



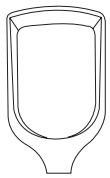
46.607.06

COAKLEY
46.607.01 - 46.607.06
17 cm

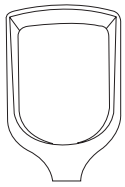




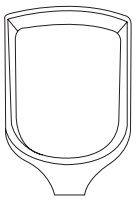
46.630.01



46.630.02



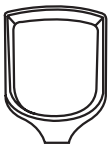
46.630.03



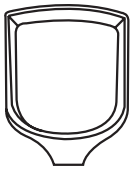
46.630.04

BARNHILL
46.630.01 - 46.630.04
22 cm





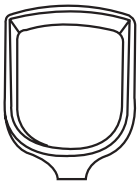
46.636.01



46.636.02



46.636.03

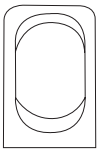


46.636.04

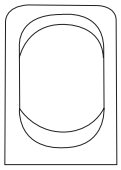
ST. CLAIR THOMSON
46.636.01 - 46.636.04
23 cm



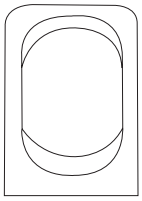
LAFORCE
46.641.01 - 46.641.03



46.641.01



46.641.02



46.641.03



LAFORCE
46.642.01



LAFORCE
46.642.02



LAFORCE
46.642.03

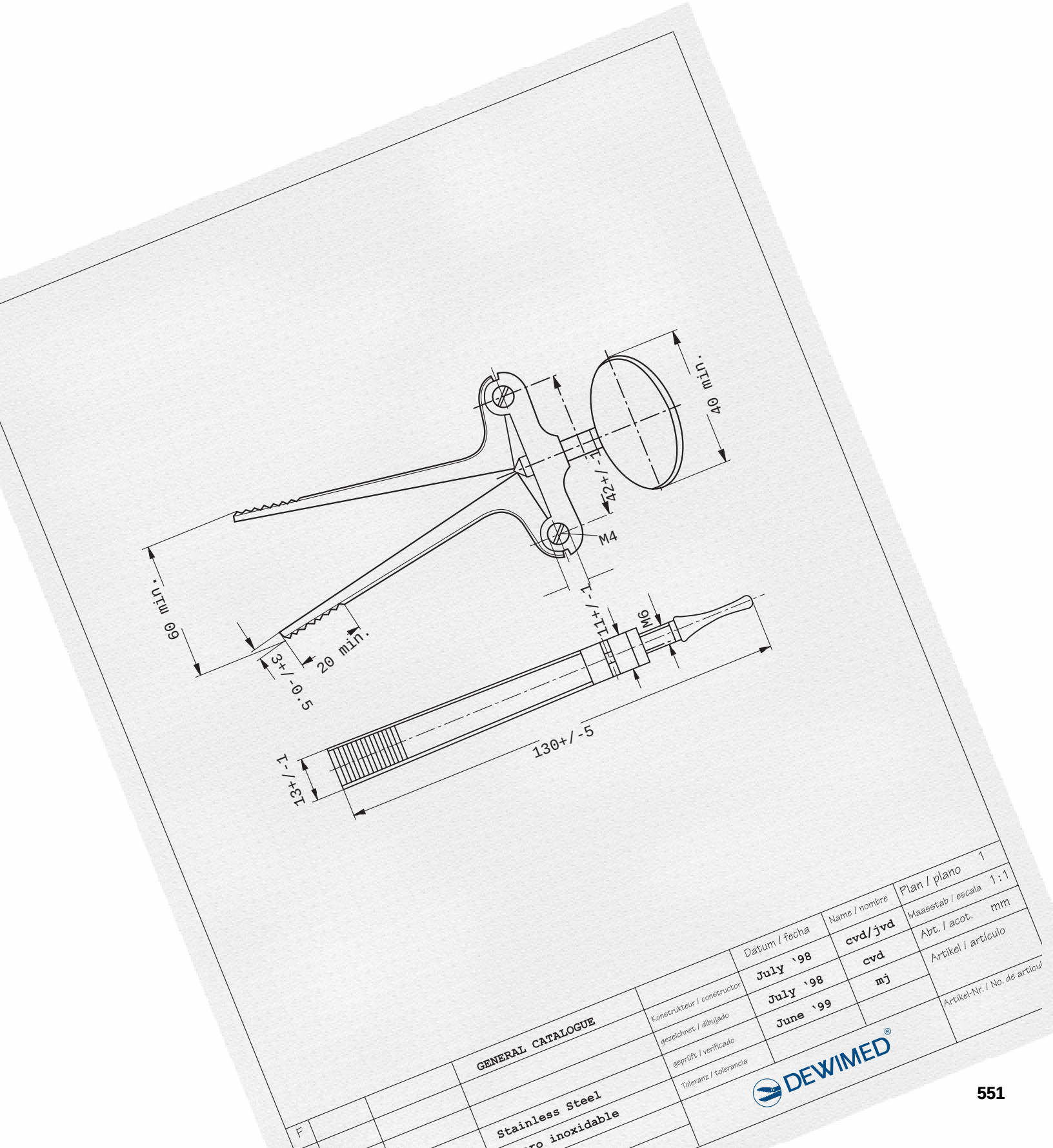
THE ITALIAN NOSE
La Nariz Italiana
Die Italienische Nase

In the 16th century, the Italian surgeon Tagliacozzi made reconstruction of destroyed noses possible. He took a piece of skin from one of the patient's arm and put it over the nose's back and stitched it up. In order to maintain a alimentation bridge, he left a part united to the arm until the new nose was cicatrized. During the whole treatment he bandaged head and arm together.
Even though Tagliacozzi was not the inventor of the surgical nose, he was the first one who described precisely the procedure.



Ya en el siglo XVI la reconstrucción de narices destruidas era posible en Italia gracias al cirujano Tagliacozzi. El colocaba un pedazo de piel de uno de los brazos del paciente sobre el hueso nasal y lo cosía. Dejaba una parte del pedazo todavía unido al brazo, para así mantener un puente alimenticio. Era hasta cuando empezaba a cicatrizar alrededor de la naríz, cuando separaba éste del brazo.
Cabeza y brazo los mantenía bien vendados en la posición correspondiente.
Aunque Tagliacozzi no fue el inventor de la nariz quirúrgica, fue el primero en descubrir exactamente el procedimiento para ésta.

Im 16. Jahrhundert machte der italienische Chirurg Tagliacozzi die Wiederherstellung zerstörter Nasen möglich.
Er nähte einen Hautlappen aus dem Arm auf den Nasenstumpf. Dabei ließ er eine schmale Ernährungsbrücke bestehen, die er erst durchtrennte, wenn der Hautlappen an den Nasenstumpf angewachsen war. Kopf und Arm hielt er durch feste Verbände in der entspechenden Position fest.
Zwar war Tagliacozzi nicht der Erfinder der chirurgischen Nase, jedoch der erste, der die Vorgehensweise genau beschrieben hat.



F		GENERAL CATALOGUE	Konstrukteur / constructor	Datum / fecha	Name / nombre	Plan / plano 1
			gezeichnet / dibujado	July '98	cvd/jvd	Maasstab / escala 1:1
		Stainless Steel	geprüft / verificado	July '98	cvd	Abt. / acot. mm
		Acero inoxidable	Toleranz / tolerancia	June '99	mj	Artikel / artículo
						Artikel-Nr. / No. de artículo

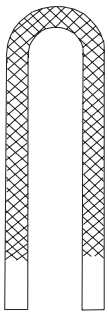
DEWIMED®



48.102.16
16 cm



FRENZEL
48.105.16
16.5 cm





BRUENINGS
48.107.19
19 cm



BUCHWALD
48.109.19
19 cm



HARTMANN
48.111.15
15 cm



48.115.01
14 cm

48.115.02
15 cm

WIEDER
48.115.01 - 48.115.02



ANDREW
48.117.11
11 cm



TOBOLD
48.119.14
14.5 cm



cm

14	**48.227.14**
16	**48.227.16**
18	**48.227.18**

STERNBERG
48.227.14 - 48.227.18



cm

12	**48.229.12**
14	**48.229.14**
16	**48.229.16**

STERNBERG
48.229.12 - 48.229.16



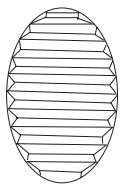
48.230.11
11 cm



48.235.19
19 cm



COLLIN
48.250.16
16 cm
48.250.18
18 cm



48.255.99
spare (pair)



YOUNG
48.255.16
16 cm



DOYEN JANSEN
48.265.12
12 cm
48.265.14
14 cm



DENHART
48.267.12
12 cm



ROSER KOENIG
48.270.16
16 cm
48.270.19
19 cm



HEISTER
48.272.13
13 cm



JENNINGS
48.274.09 - 48.274.15

cm

9	**48.274.09**
11	**48.274.11**
13	**48.274.13**
15	**48.274.15**



WHITEHEAD
48.280.11 - 48.280.15

cm

11	**48.280.11**
13	**48.280.13**
15	**48.280.15**



WHITEHEAD
48.281.11 - 48.281.15

cm

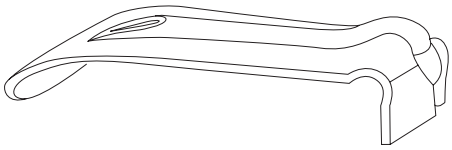
11	**48.281.11**
13	**48.281.13**
15	**48.281.15**



SEEMANN SEIFFERT
48.285.09 - 48.285.15

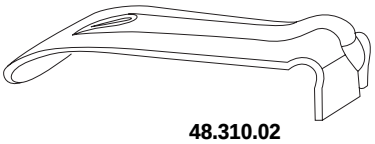
cm

9	**48.285.09**
11	**48.285.11**
13	**48.285.13**
15	**48.285.15**



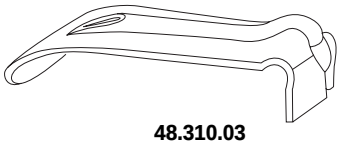
26 x 110 mm

48.310.01



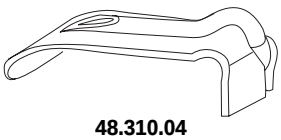
25 x 90 mm

48.310.02



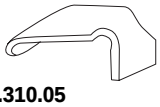
24 x 75 mm

48.310.03



22 x 65 mm

48.310.04



20 x 25 mm

48.310.05



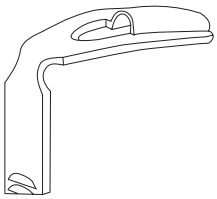
DAVIS BOYLE
48.310.00
complete



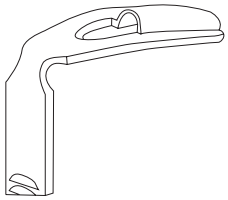
normal	**48.310.10**
children	**48.310.11**
teenagers	**48.310.12**

DAVIS BOYLE
48.310.10 - 48.310.12

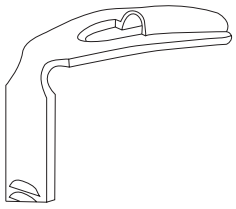




48.315.01
28 x 65 mm



48.315.02
32 x 75 mm



48.315.03
37 x 80 mm



48.315.00
complete

KILNER DOUGHTY
48.315.00 - 48.315.03



KILNER DOUGHTY
48.315.10



48.320.01

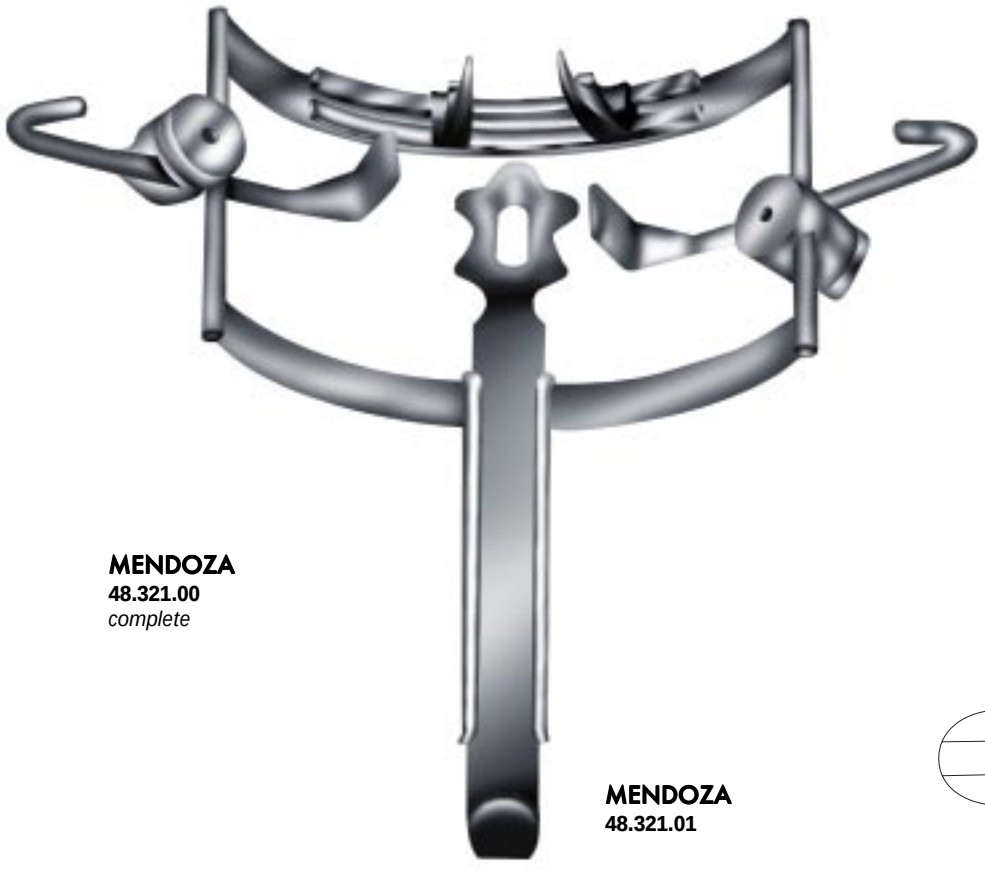
48.320.02

48.320.03

McIVOR
48.320.00

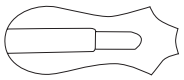


McIVOR
48.320.10

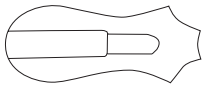


MENDOZA
48.321.00
complete

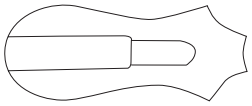
MENDOZA
48.321.01



48.321.24
24 x 55 mm

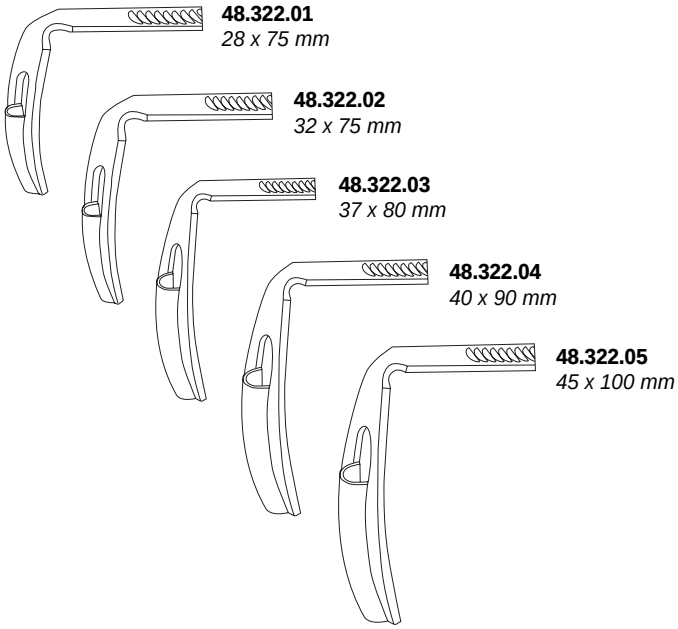


48.321.28
28 x 60 mm



48.321.31
31 x 70 mm





48.322.01
28 x 75 mm

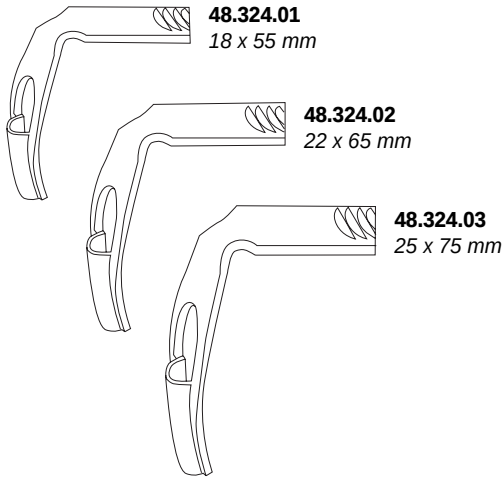
48.322.02
32 x 75 mm

48.322.03
37 x 80 mm

48.322.04
40 x 90 mm

48.322.05
45 x 100 mm



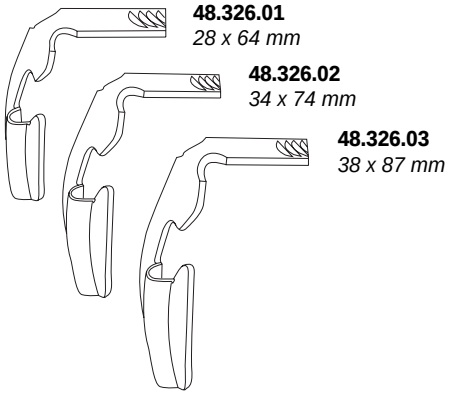


48.324.01
18 x 55 mm

48.324.02
22 x 65 mm

48.324.03
25 x 75 mm





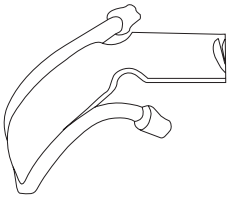
48.326.01
28 x 64 mm

48.326.02
34 x 74 mm

48.326.03
38 x 87 mm

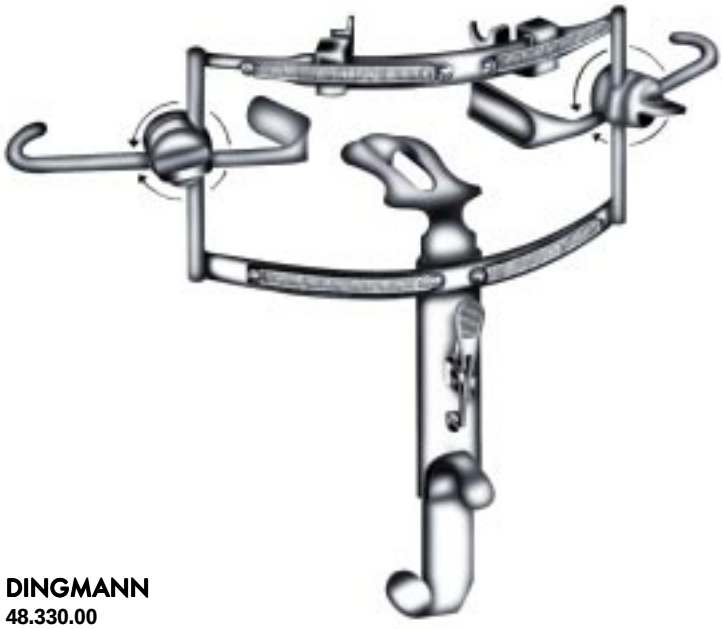


DAVIS MEAER
48.328.01 - 48.328.07



mm

29 x 70	**48.328.01**
30.5 x 75	**48.328.02**
31.5 x 80	**48.328.03**
32.5 x 85	**48.328.04**
33.5 x 95	**48.328.05**
33.8 x 100	**48.328.06**
34 x 105	**48.328.07**

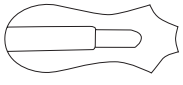


DINGMANN
48.330.00
complete

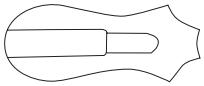
DINGMANN
48.330.09



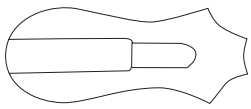
MAUNDER
48.360.10



48.330.01



48.330.02



48.330.03





PITHA
48.365.10

48.365.20 Large Edentulous
48.365.22 Large Adult
48.365.24 Adult Size
48.365.26 Child Size
48.365.28 Small Child Size



McKESSON
48.365.20 - 48.365.28



48.371.01
fig. 1



48.371.02
fig. 2

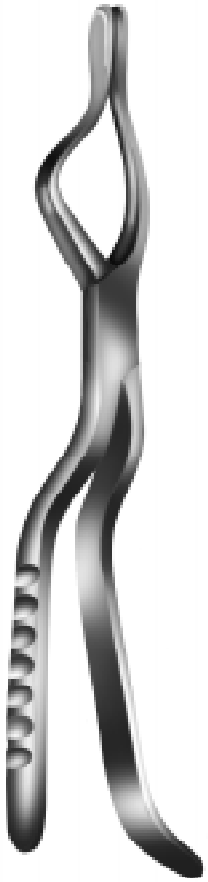


48.371.03
fig. 3

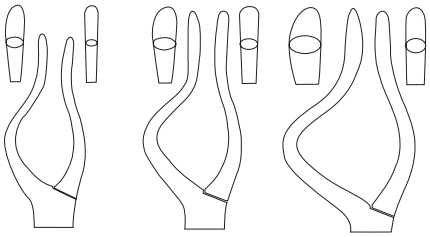
LANGENBECK
48.371.01 - 48.371.03



ROWE
48.501.22 - 48.501.24
left



ROWE
48.503.22 - 48.503.24
right



	22.5 cm	23.5 cm	24 cm
left	**48.501.22**	**48.501.23**	**48.501.24**
right	**48.503.22**	**48.503.23**	**48.503.24**



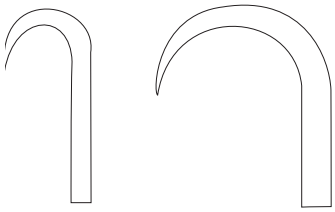
TESSIER
48.507.01
left
48.507.02
right



48.530.01
15 cm



DINGMANN
48.541.10
19 cm



48.541.10
10 mm

48.541.20
20 mm



DINGMANN
48.543.01
15 cm, right
48.543.02
15cm, left

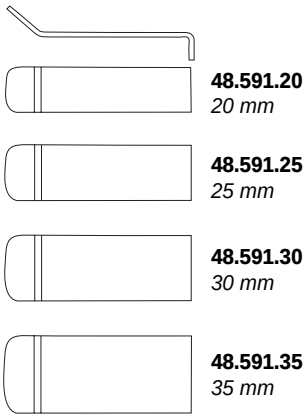


DINGMANN
48.545.20
21 cm



48.581.24
24 cm





48.591.20
20 mm

48.591.25
25 mm

48.591.30
30 mm

48.591.35
35 mm

MUNRO
48.591.20 - 48.591.35





mm

11 x 40	**48.593.40**
11 x 55	**48.593.55**
11 x 80	**48.593.80**

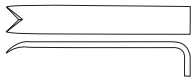
OBWEGESER
48.593.40 - 48.593.80
22 cm

10 x 42 mm



OBWEGESER
48.595.22
22 cm





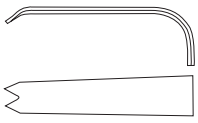
11 x 70 mm

OBWEGESER
48.597.22
22 cm



OBWEGESER
48.601.16
15.5 cm





48.602.11
11 x 15 x 70 mm



48.602.12
12 x 22 x 70 mm

OBWEGESER
48.602.11 - 48.602.12
22 cm



OBWEGESER
48.603.08
17 cm, 8 mm
48.603.10
17 cm, 10 mm





48.605.25
7 x 25 mm



48.605.35
10 x 35 mm



48.605.42
10 x 42 mm



48.605.55
12 x 55 mm



48.605.70
14 x 70 mm



48.605.80
16 x 80 mm

OBWEGESER
48.605.25 - 48.605.80
22 cm

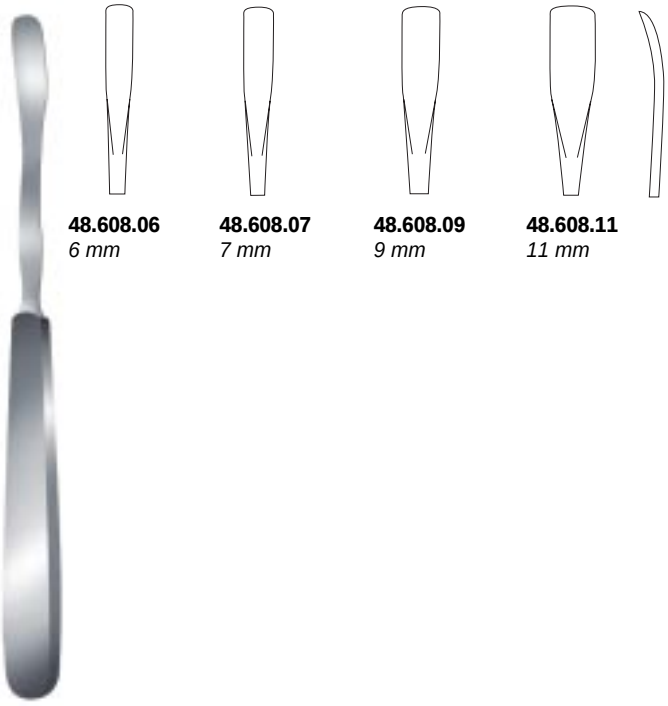




mm

7 x 25	**48.607.25**
10 x 35	**48.607.35**
10 x 42	**48.607.42**
12 x 55	**48.607.55**
14 x 70	**48.607.70**
16 x 80	**48.607.80**

OBWEGESER
48.607.25 - 48.607.80
20 cm



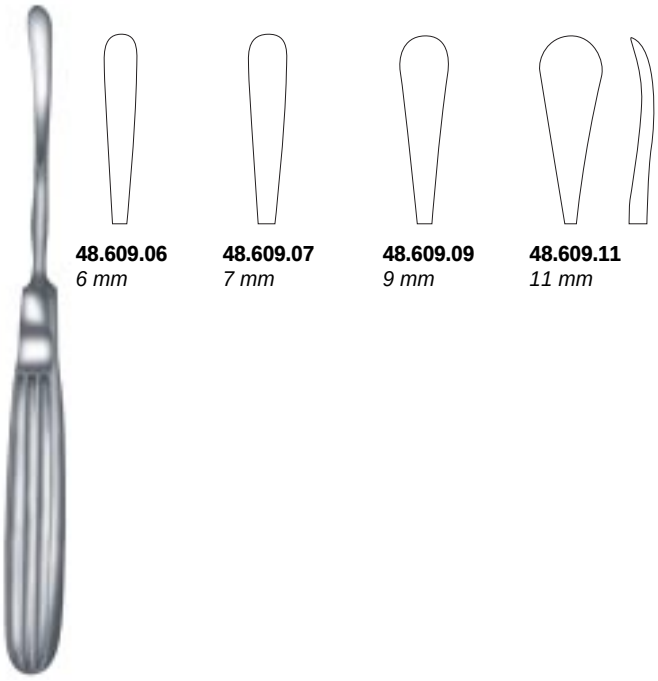
48.608.06
6 mm

48.608.07
7 mm

48.608.09
9 mm

48.608.11
11 mm

OBWEGESER
48.608.06 - 48.608.11
17.5 cm



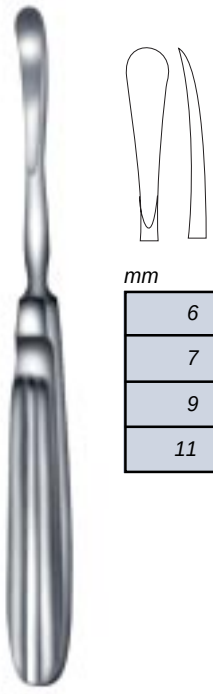
48.609.06
6 mm

48.609.07
7 mm

48.609.09
9 mm

48.609.11
11 mm

OBWEGESER
48.609.06 - 48.609.11
18 cm

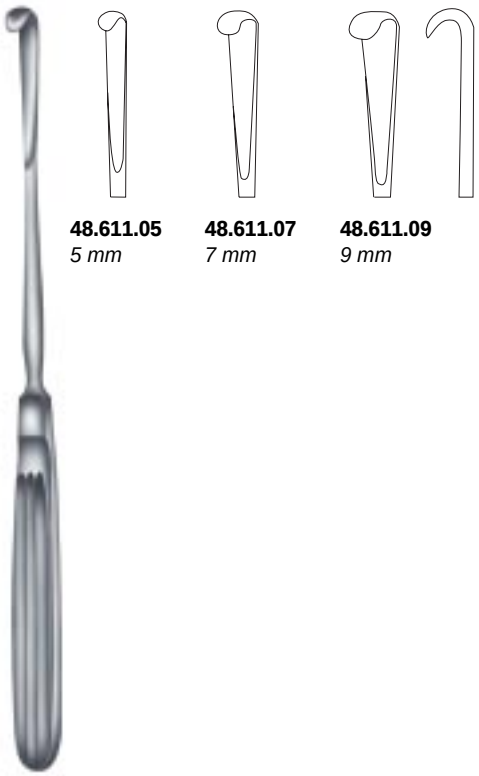


mm

6	**48.610.06**
7	**48.610.07**
9	**48.610.09**
11	**48.610.11**

OBWEGESER
48.610.06 - 48.610.11
17.5 cm





48.611.05
5 mm

48.611.07
7 mm

48.611.09
9 mm

OBWEGESER
48.611.05 - 48.611.09
20 cm



OBWEGESER
48.612.01
17.5 cm



OBWEGESER
48.612.02
17.5 cm





48.614.21 **48.616.21**

OBWEGESER
48.614.21 - 48.616.21
21 cm



OBWEGESER FREER
48.619.20
21 cm, sharp
48.619.21
21 cm, blunt

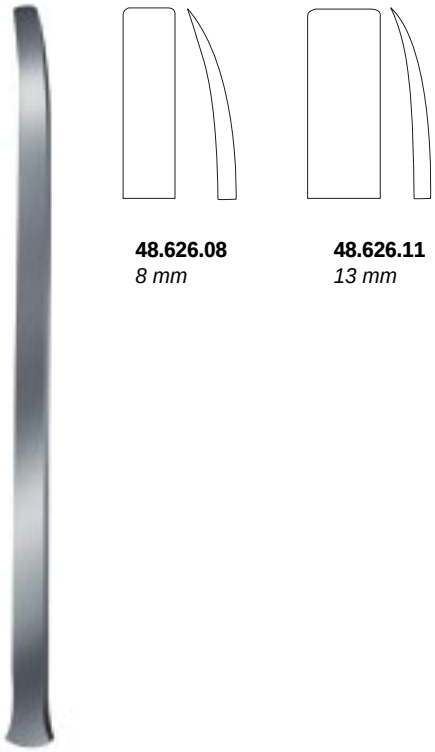


48.620.02
2.5 mm

48.620.04
4.0 mm

48.620.06
6.5 mm

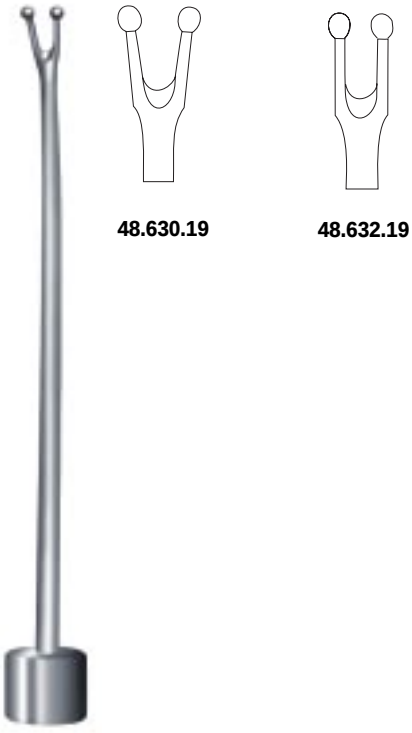
OBWEGESER
48.620.02 - 48.620.06
15 cm



48.626.08
8 mm

48.626.11
13 mm

OBWEGESER
48.626.08 - 48.626.11
23.5 cm



48.630.19

48.632.19

OBWEGESER
48.630.19 - 48.632.19
18.5 cm



KELSEY FRY
48.636.15
15 cm



KELSEY FRY
48.637.18
18 cm





OBWEGESER
48.647.13
13 cm



OBWEGESER
48.650.15
15.5 cm

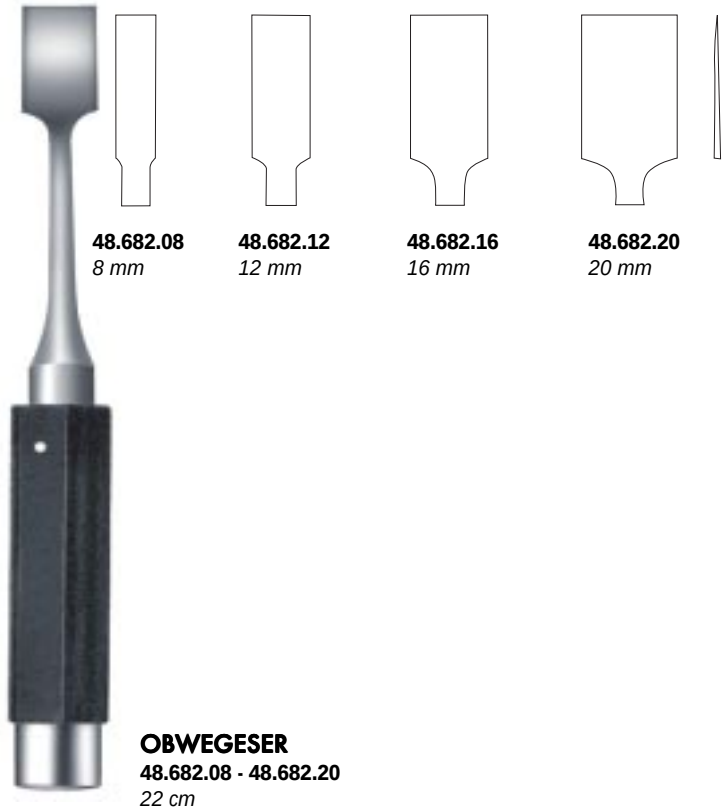


48.680.08
8 mm

48.680.12
12 mm

48.680.16
16 mm

OBWEGESER
48.680.08 - 48.680.16
22 cm



48.682.08
8 mm

48.682.12
12 mm

48.682.16
16 mm

48.682.20
20 mm

OBWEGESER
48.682.08 - 48.682.20
22 cm

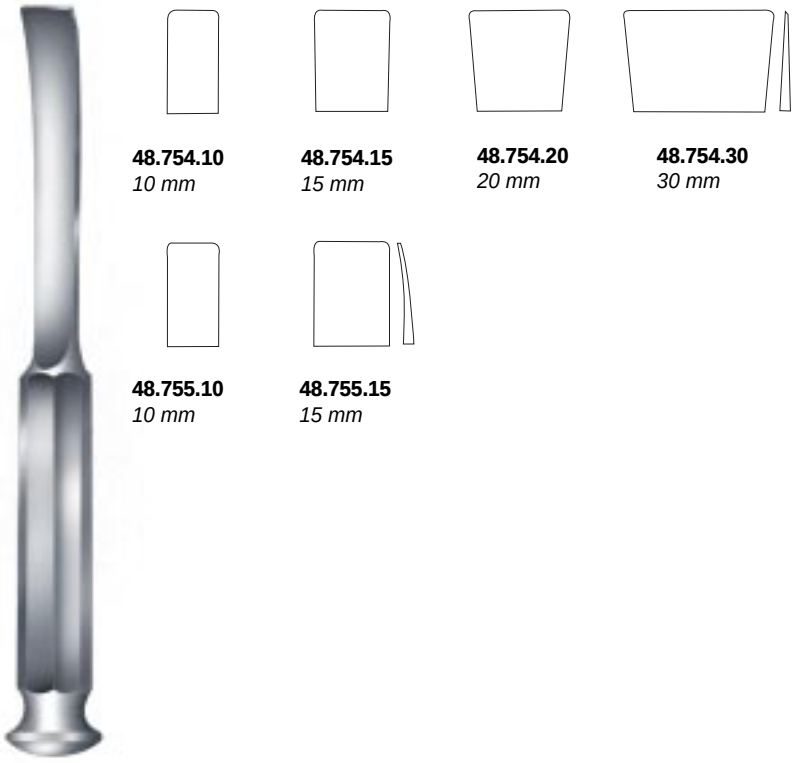


48.684.03
3 mm

48.684.04
4 mm

48.684.06
6.5 mm

OBWEGESER
48.684.03 - 48.684.06
15.5 cm



48.754.10
10 mm

48.754.15
15 mm

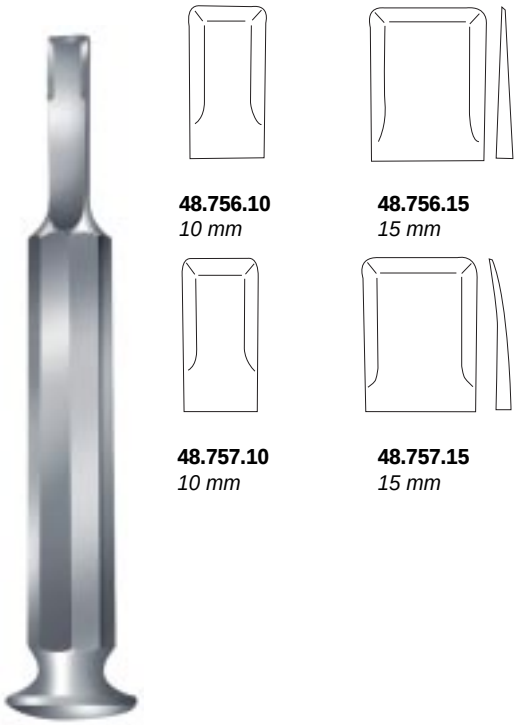
48.754.20
20 mm

48.754.30
30 mm

48.755.10
10 mm

48.755.15
15 mm

TESSIER
48.754.10 - 48.755.15
20 cm



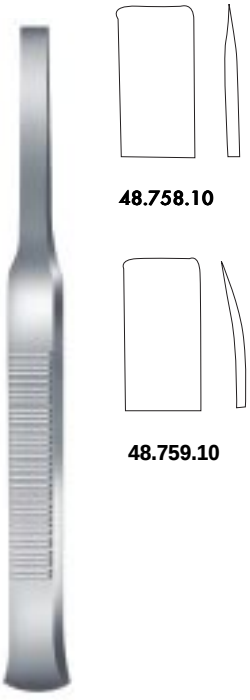
48.756.10
10 mm

48.756.15
15 mm

48.757.10
10 mm

48.757.15
15 mm

TESSIER
48.756.10 - 48.757.15
16 cm



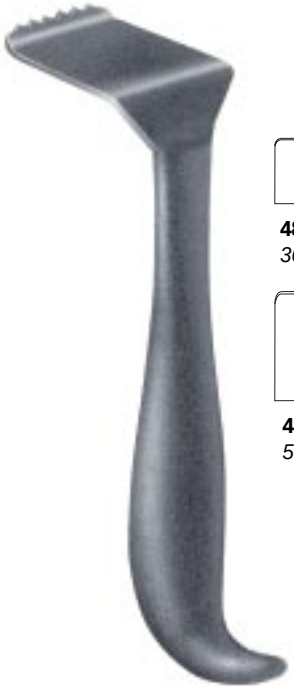
48.758.10

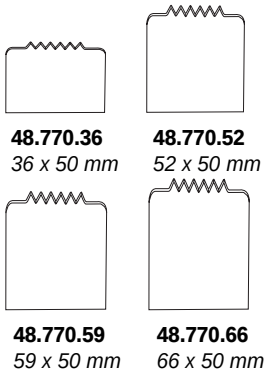
48.759.10

TESSIER
48.758.10 - 48.759.10
16 cm, 10 mm



TESSIER
48.760.18
18.5 cm





48.770.36
36 x 50 mm

48.770.52
52 x 50 mm

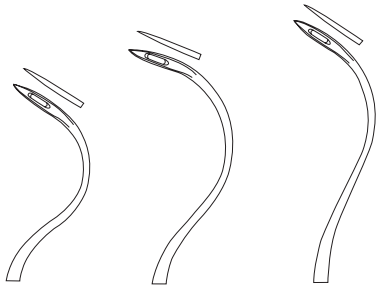
48.770.59
59 x 50 mm

48.770.66
66 x 50 mm

TESSIER
48.770.00
set of 4

TESSIER
48.770.36 - 48.770.66





48.773.01

48.773.02

48.773.03

TESSIER
48.773.00
set of 3

TESSIER
48.773.01 - 48.773.03
21 cm

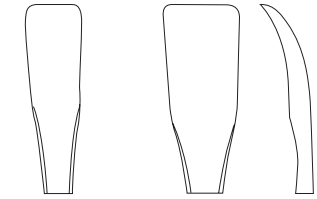


TESSIER
48.775.30
18 cm / 30˚



TESSIER
48.775.60
18 cm / 60˚





48.777.12
12 mm

48.777.16
16 mm

TESSIER
48.777.12 - 48.777.16
20 cm

TESSIER
48.781.00
set of 3



TESSIER
48.781.10
22 cm, 10 x 12 mm

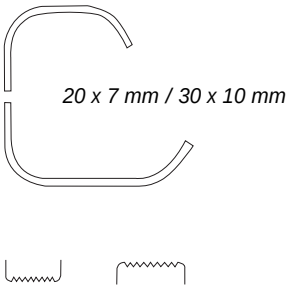


TESSIER
48.781.15
22cm, 15 x 17 mm



TESSIER
48.781.20
22 cm, 20 x 22 mm

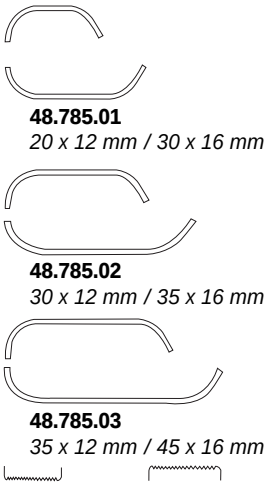




TESSIER
48.783.01
15 cm

TESSIER
48.785.00
set of 3



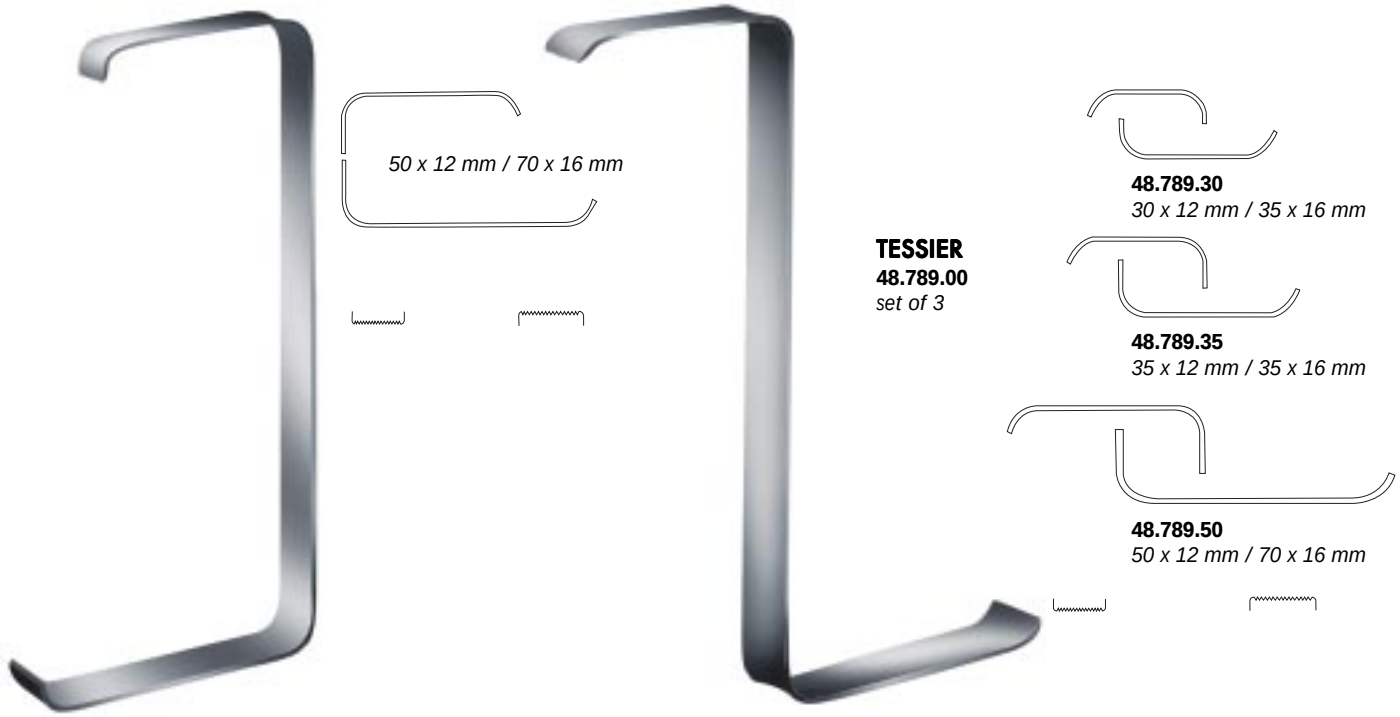


48.785.01
20 x 12 mm / 30 x 16 mm

48.785.02
30 x 12 mm / 35 x 16 mm

48.785.03
35 x 12 mm / 45 x 16 mm

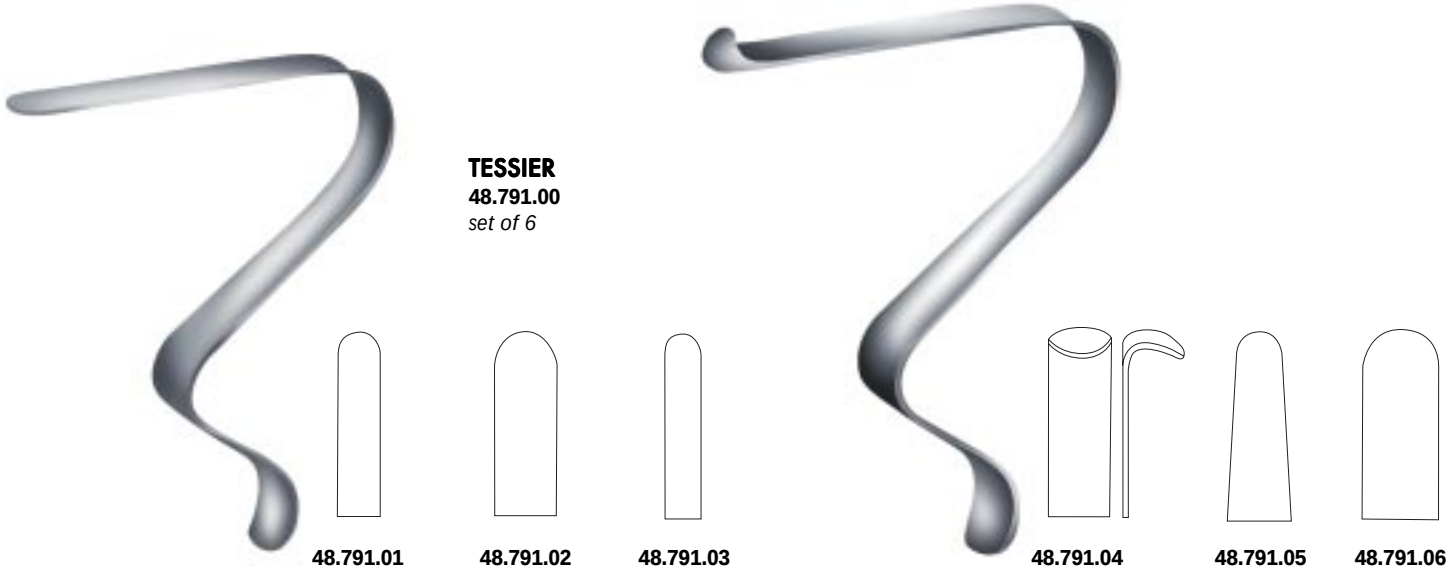
TESSIER
48.785.01 - 48.785.03
15.5 cm



TESSIER
48.787.50
15.5 cm

TESSIER
48.789.00
set of 3

TESSIER
48.789.30 - 48.789.50
17 cm



TESSIER
48.791.00
set of 6

TESSIER
48.791.01 - 48.791.03
12.5 cm

TESSIER
48.791.04 - 48.791.06
12.5 cm

TESSIER
48.795.00
set of 3





48.795.10
10 mm



48.795.17
17.5 mm



48.795.20
20 mm

TESSIER
48.795.10 - 48.795.20
15 cm



TESSIER
48.796.18
15.5 cm



TESSIER
48.797.18
19 cm



TESSIER
48.799.22
22 mm



TESSIER
48.802.18
18 cm

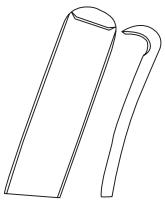


MARCHAC
48.804.17
17 cm



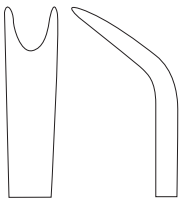
TESSIER
48.805.18
18.5 cm





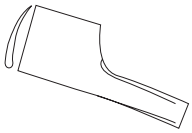
HARGIS
48.823.18
18 cm

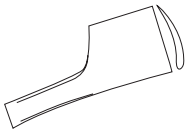




HARGIS
48.825.19
19 cm







SMITH
48.835.01
left



SMITH
48.835.02
right



SMITH
48.838.20



TESSIER
48.990.26
26 cm



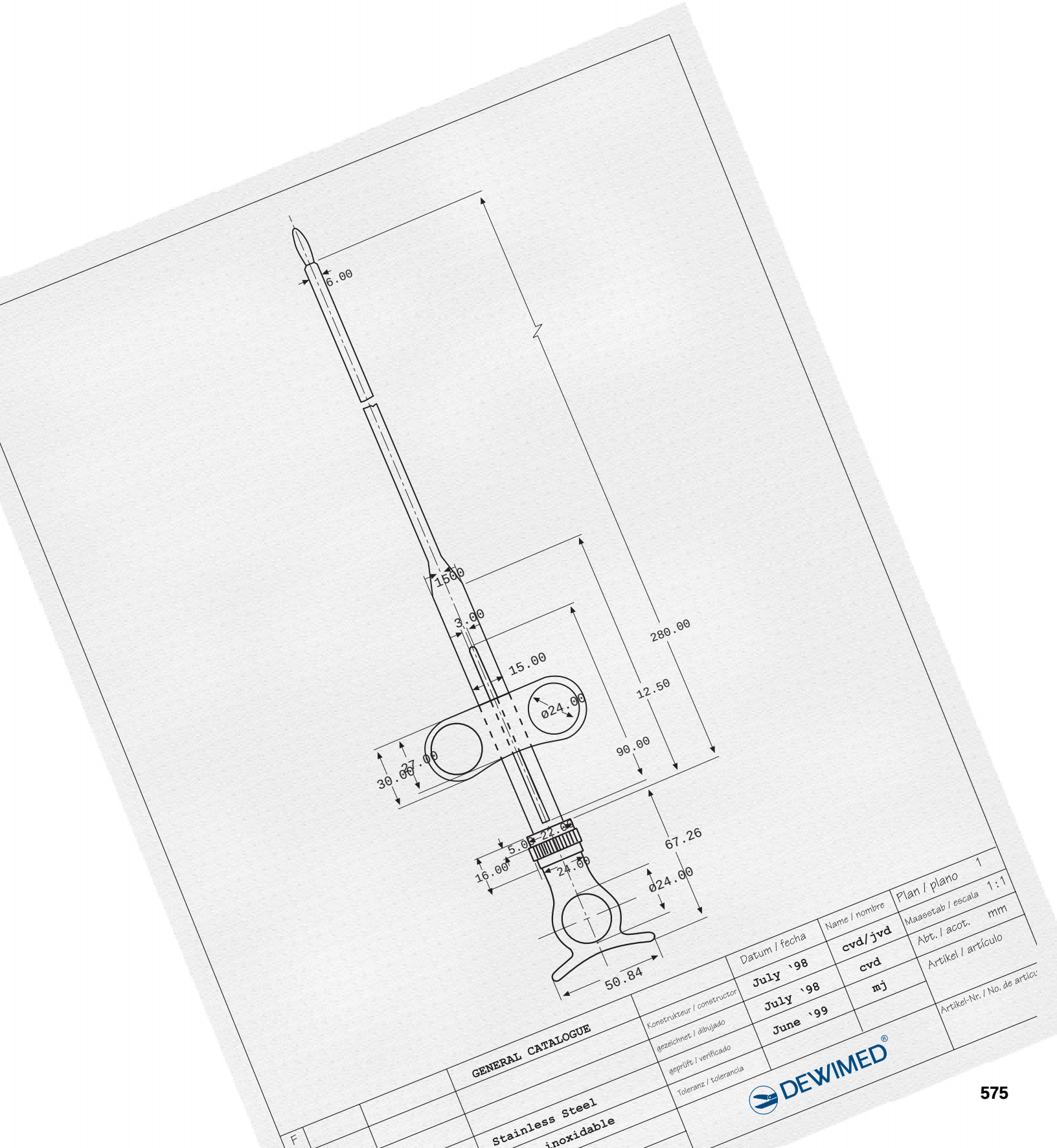
BAUER
48.871.20
right



BAUER
48.873.20
left



LEVASSEUR MERRIL
48.891.00


6.00
1500
3.00
15.00
ø24.00
280.00
12.50
90.00
30.00
27.00
5.00
22.00
16.00
24.00
67.26
ø24.00
50.84
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
DEWIMED®



mm

18	**50.103.18**
20	**50.103.20**
22	**50.103.22**

LOVE
50.103.18 - 50.103.22



HOFER
50.109.24
24 cm



NAGER
50.111.23
23 cm



HASLINGER
50.112.00
17 cm



HURD
50.131.22 - 50.133.22
22 cm



HENKE
50.135.23
23 cm



CARPENTER
50.139.25
25 cm



CARPENTER
50.143.24
24 cm



LUNIATSCHEK
50.151.19
19 cm



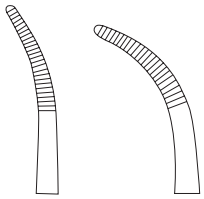
50.165.22

50.167.22

DUPUY WEISS
50.165.22 - 50.167.22
22 cm



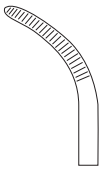
50.181.19 - 50.183.19
19 cm



SAWTELL
50.181.19

SCHNIDT
50.183.19





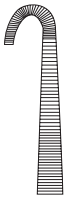
SAWTELL
50.185.19



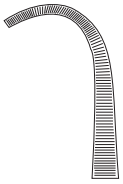
SCHNIDT
50.187.19

50.185.19 - 50.187.19
19 cm





50.191.19



50.193.19

NEGUS
50.191.19 - 50.193.19
19 cm





50.202.19



50.203.19

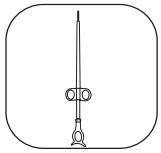
COLVER
50.202.19 - 50.203.19
19 cm



WHITE
50.205.18
18 cm
50.205.23
23 cm



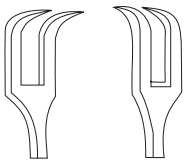
BALLENGER
50.207.21
21 cm



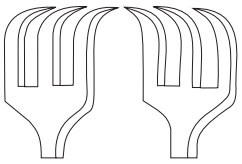


BLOHMKE
50.209.20
21 cm





TYDING
50.211.21



TIVNEN
50.213.21

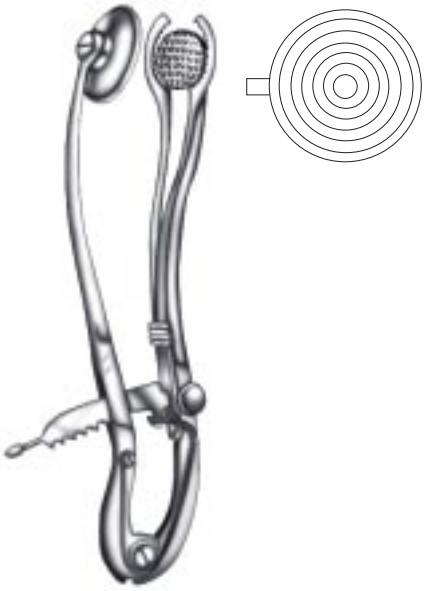
50.211.21 - 50.213.21
21 cm



EVES
50.250.28
28 cm



MARSCHIK
50.219.22
22 cm



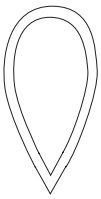
CORWIN
50.231.14
15 cm



EVES
50.252.28
28 cm



BRUENINGS
50.256.28
28 cm



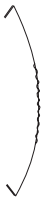
mm

40	**50.257.40**
50	**50.257.50**

50.257.40 - 50.257.50
100 pieces



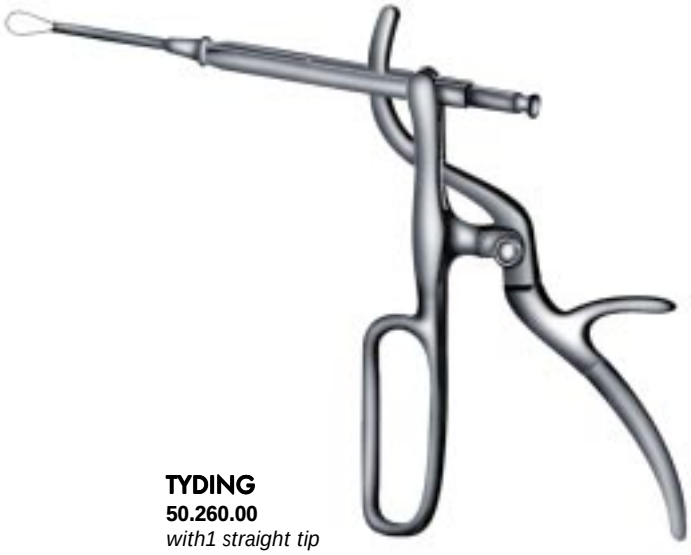
50.259.03
0.3 mm
12 pieces each



mm

0.35	**50.259.35**
0.4	**50.259.40**
0.45	**50.259.45**
0.5	**50.259.50**

50.259.35 - 50.259.50
100 pieces



TYDING
50.260.00
with1 straight tip



SLUDER BALLENGER
50.270.00
3 blades



LANDOLT
50.857.25
25 cm



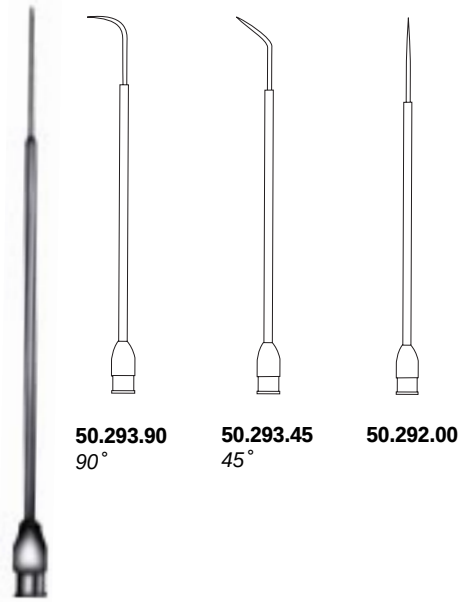
LANDOLT
50.858.21
21 cm



ml

2	**50.290.02**
5	**50.290.05**
10	**50.290.10**
20	**50.290.20**

50.290.02 - 50.290.20

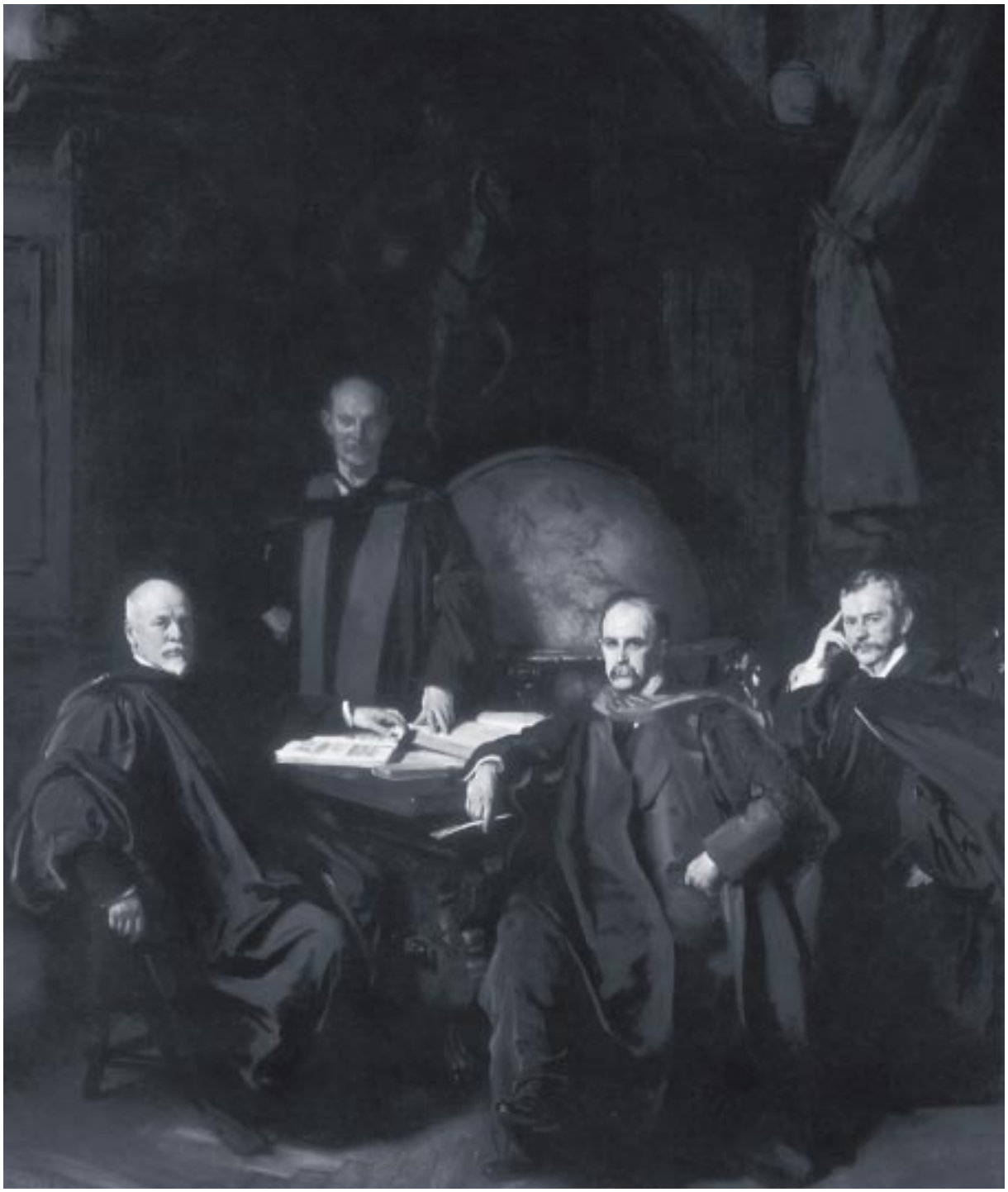


50.293.90
90°

50.293.45
45°

50.292.00

50.292.00 - 50.293.90
0.8 mm

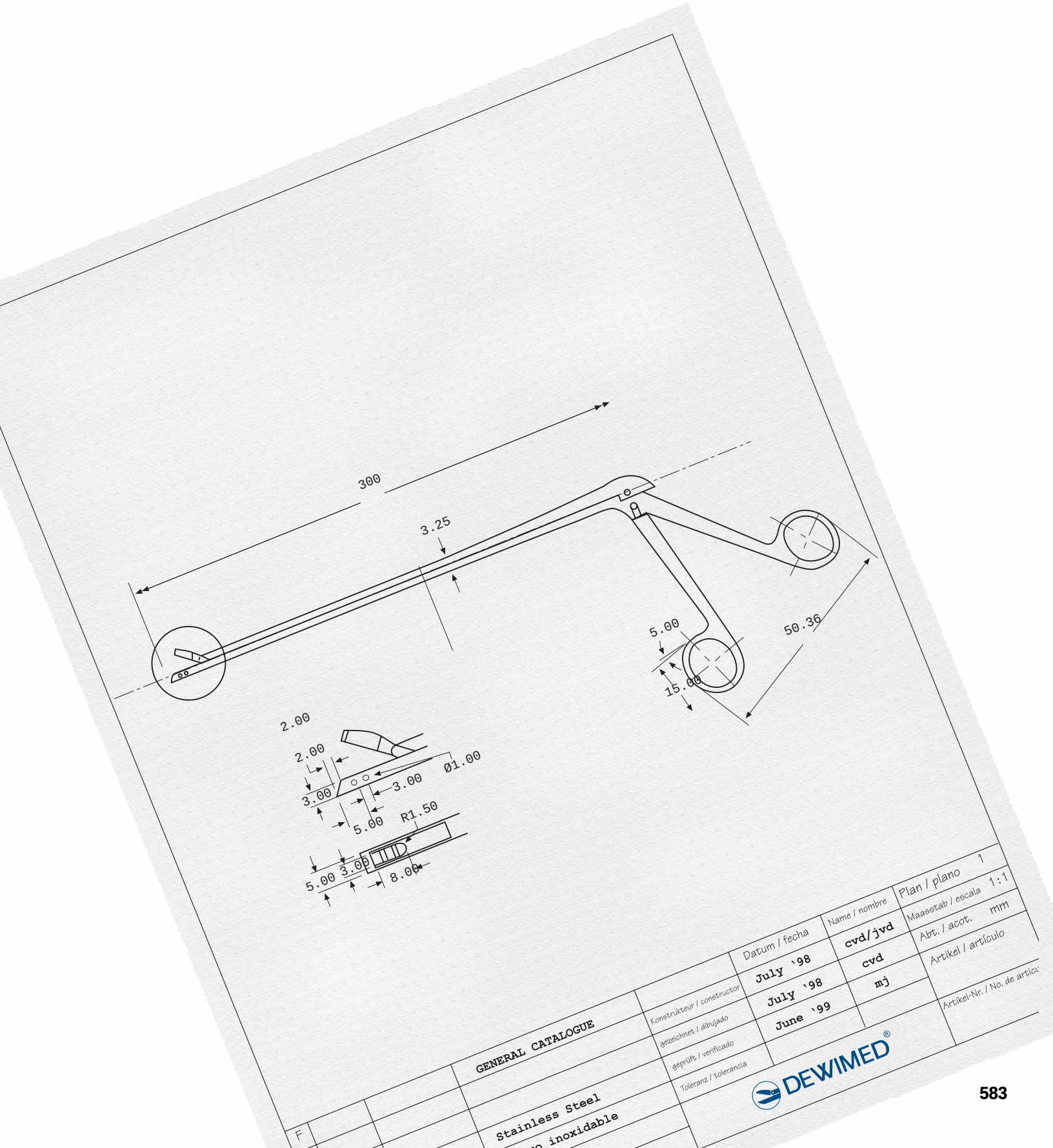


John Singer Sarget
1905

Members of the First Clinical Faculty of Johns Hopkins, Baltimore, Mariland.
(left to right) William Osler, Howard Attwood Kelly, William Steward Halsted, and William Henry Welch.

Miembros de la Primera Facultad Clínica del Johns Hopkins, Baltimore, Maryland.
(de izquierda a derecha) William Osler, Howard Attwood Kelly, William Steward Halsted y William Henry Welch

Mitglieder der ersten Klinik-Fakultät in Johns Hopkins, Baltimore, Maryland.
(von links nach rechts) William Osler, Howard Attwood Kelly, William Steward Halsted und William Henry Welch


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50.36
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GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
July `98
June `99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu
Stainless Steel
DEWIMED®





52.101.22

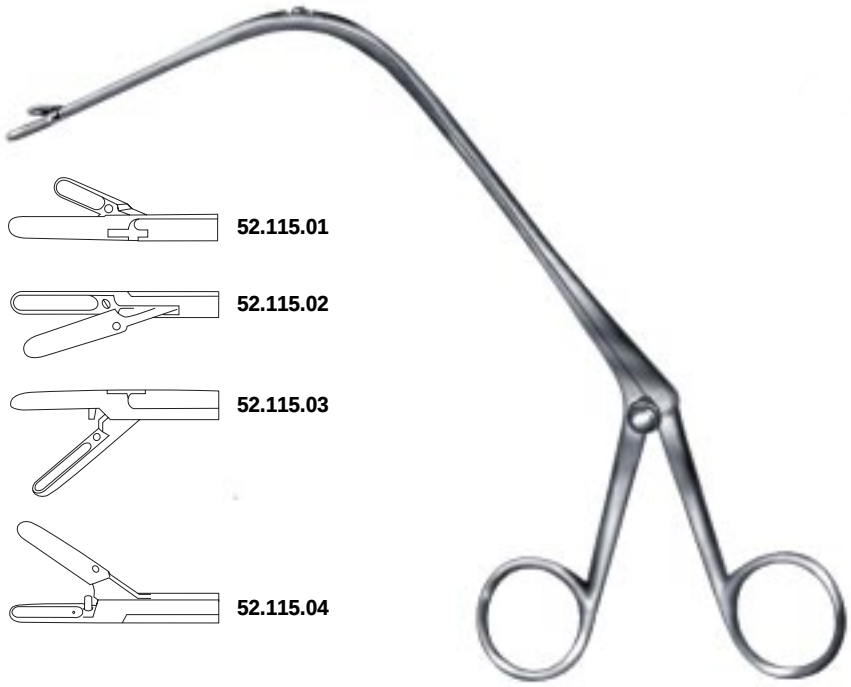


52.103.22

JACKSON
52.101.22 - 52.103.22
22 cm



FRAENKEL
52.111.18
18 cm



52.115.01

52.115.02

52.115.03

52.115.04

JURASZ
52.115.01 - 52.115.04
23 cm



REICHERT
52.121.24
24 cm



52.123.00
only
2.5 mm

HUBER
52.130.00



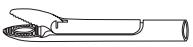
BRUENINGS
52.131.20
20 cm



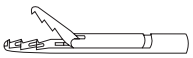
BRUENINGS
52.132.20 - 52.132.60

cm

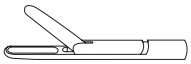
20	**52.132.20**
30	**52.132.30**
40	**52.132.40**
50	**52.132.50**
60	**52.132.60**



FRAENKEL
52.150.00



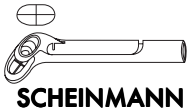
SEIFERRT
52.152.00



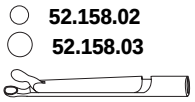
FRAENKEL
52.154.00



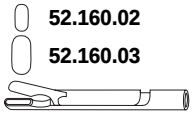
SCHEINMANN
52.155.00



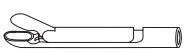
SCHEINMANN
52.157.00



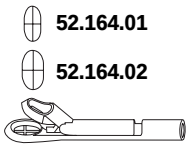
52.158.02
52.158.03
BRUENINGS
52.158.02 - 52.158.03



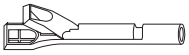
52.160.02
52.160.03
BRUENINGS
52.160.02 - 52.160.03



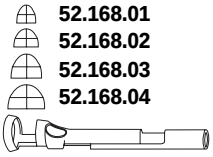
LANGE
52.162.00



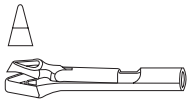
52.164.01
52.164.02
KRAUSE
52.164.01 - 52.164.02



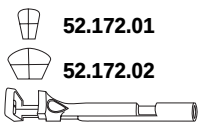
KRAUSE
52.166.00



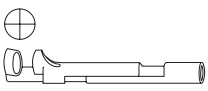
52.168.01
52.168.02
52.168.03
52.168.04
CORDES
52.168.01 - 52.168.04



SCHUMACHER
52.170.00



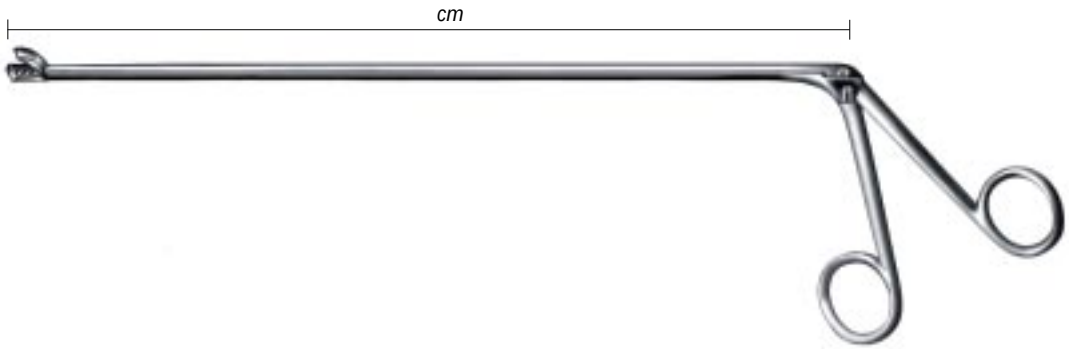
52.172.01
52.172.02
CORDES
52.172.01 - 52.172.02



CORDES
52.174.00

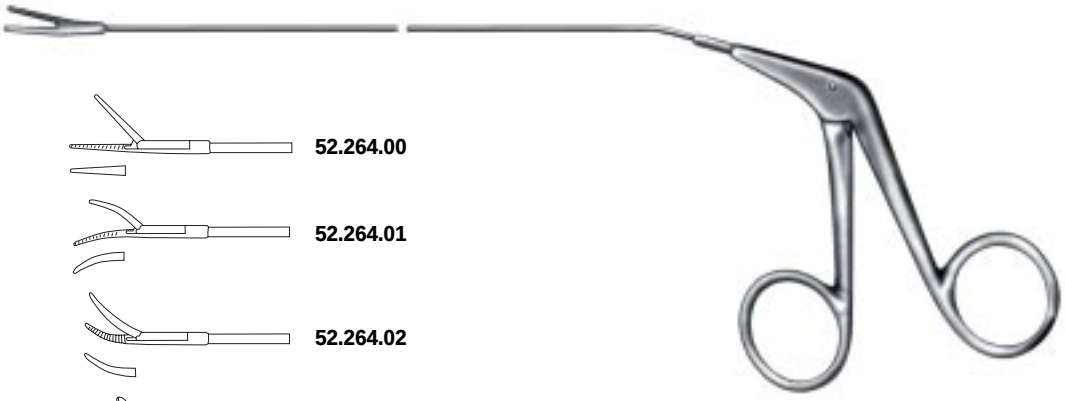


ROSENBERG
52.176.00



CHEVALIER JACKSON
52.230.01 - 52.260.07

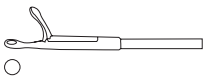
cm							
30	**52.230.01**	**52.230.02**	**52.230.03**	**52.230.04**	**52.230.05**	**52.230.06**	**52.230.07**
40	**52.240.01**	**52.240.02**	**52.240.03**	**52.240.04**	**52.240.05**	**52.240.06**	**52.240.07**
50	**52.250.01**	**52.250.02**	**52.250.03**	**52.250.04**	**52.250.05**	**52.250.06**	**52.250.07**
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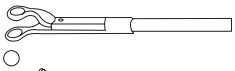


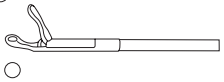
52.264.00

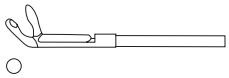
52.264.01

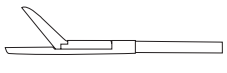
52.264.02

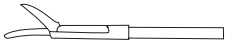

52.264.04


52.264.05

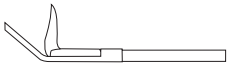

52.264.06


52.264.07


52.264.10


52.264.11

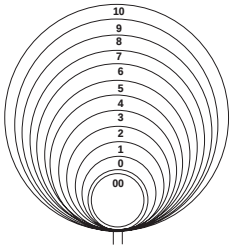

52.264.12


52.264.13

52.264.00 - 52.264.13
24 cm



52.270.08 - 52.270.30



	mm	
52.270.08	0 / 8	52.272.08
52.270.10	0 / 10	52.272.10
52.270.12	1 / 12	52.272.12
52.270.14	2 / 14	52.272.14
52.270.16	3 / 16	52.272.16
52.270.18	4 / 18	52.272.18
52.270.20	5 / 20	52.272.20
52.270.22	6 / 22	52.272.22
52.270.24	7 / 24	52.272.24
52.270.26	8 / 26	52.272.26
52.270.28	9 / 28	52.272.28
52.270.30	10 / 30	52.272.30



52.272.08 - 52.272.30

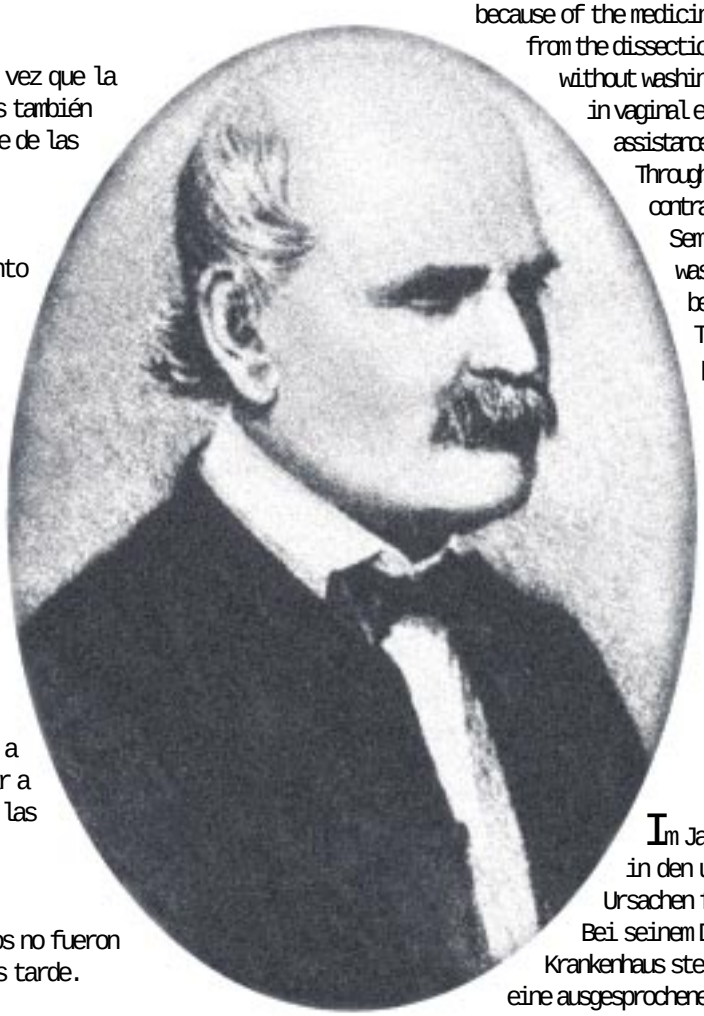


52.274.12



52.276.10

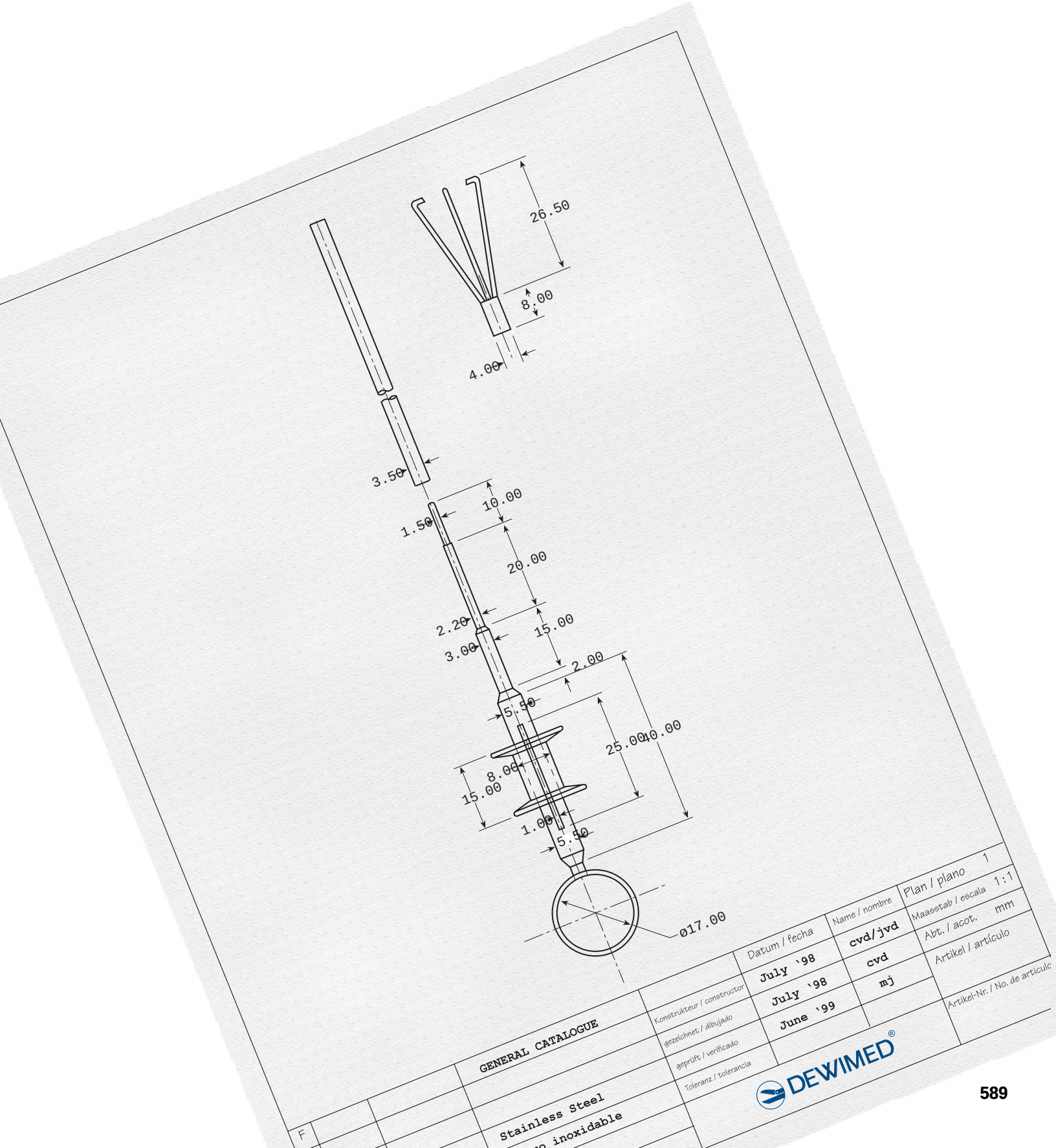
IGNAZ PHILIPP SEMMELWEIS



En 1847 descubre por primera vez que la causa de infecciones en heridas también es a causa de la falta de higiene de las manos de los médicos.
En sus servicios en el Hospital General de Viena, observó Semmelweis, que el departamento de partos era un nido de infección puerperal.
Encontró que la razón para tal acontecimiento era, que los estudiantes de medicina pasaban de la sala de disecciones a la sala de partos sin lavarse las manos y participaban en exámenes vaginales así como asistencia en partos.
A través del contacto directo contraían infección las pacientes.
Fue así que Semmelweis obligó a todo médico que antes de entrar a la sala de maternidad se lavase las manos con hipoclorito.
El índice de mortalidad bajó notoriamente.
Sin embargo sus descubrimientos no fueron tomados en serio hasta años más tarde.

In 1847 he discovers for the first time that the reason for wound infection is due to the unwashed hands of the doctors.
During his services in the General Hospital of Vienna he found out that the child-birth department was a center of puerperal infections. And that the reason for it was because of the medicine students who came directly from the dissection ward to the child-birth ward without washing their hands. They participated in vaginal examinations and in child-birth assistance.
Through direct contact the patients contracted infection.
Semmelweis obliged each doctor to wash his hands with hypochlorite before entering the natal clinic.
The mortality index came down plainly.
His discovery would be taken seriously years after.

Im Jahre 1847 erkannte er zum ersten Male in den unsauberen Händen der Ärzte eine der Ursachen für Wundinfektionen.
Bei seinem Dienst im Wiener Allgemeinen Krankenhaus stellte er fest, daß die Gebärabteilung eine ausgesprochene Brutstätte des Kinderbettfieber war.
Der Grund hierfür waren die Medizinstudenten, die vom Sektionssaal mit ungewaschenen Händen in die Gebärabteilung gingen, dort an vaginalen Untersuchungen teilnahmen und zum Teil bei Geburten Assistenz leisteten.
Durch den Direktkontakt erkrankten viele der werdenden Mütter.
Semmelweis führte aufgrund dessen das Waschen der Hände mit Chlorwasser vor Eintritt in die Geburtsklinik ein, worauf die Sterberate bedeutend sank.
Seine Erkenntnis wurde Anfangs belächelt und erst Jahre später anerkannt.

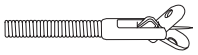

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GENERAL CATALOGUE
Stainless Steel
Datum / fecha
Name / nombre
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
July '98
July '98
June '99
cvd/jvd
cvd
mj
DEWIMED®



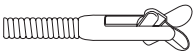
53.110.16 - 53.143.23



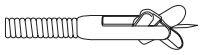
ø / cm	
0.18 /16.0	**53.110.16**
0.18/23.0	**53.110.23**
0.18/16.0	**53.110.26**
0.18/23.0	**53.110.33**
0.18 /16.0	**53.112.16**
0.18/23.0	**53.112.23**
0.18/16.0	**53.112.26**
0.18/23.0	**53.112.33**



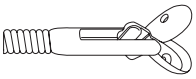
ø / cm	
0.18 /16.0	**53.111.16**
0.18/23.0	**53.111.23**
0.18/16.0	**53.111.26**
0.18/23.0	**53.111.33**
0.18 /16.0	**53.113.16**
0.18/23.0	**53.113.23**
0.18/16.0	**53.113.26**
0.18/23.0	**53.113.33**



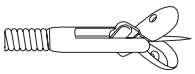
ø / cm	
0.22 /16.0	**53.120.16**
0.22/23.0	**53.120.23**
0.22/16.0	**53.120.26**
0.22/23.0	**53.120.33**
0.22 /16.0	**53.122.16**
0.22/23.0	**53.122.23**
0.22/16.0	**53.122.26**
0.22/23.0	**53.122.33**



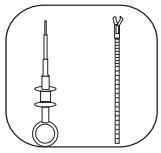
ø / cm	
0.22 /16.0	**53.121.16**
0.22/23.0	**53.121.23**
0.22/16.0	**53.121.26**
0.22/23.0	**53.121.33**
0.22 /16.0	**53.123.16**
0.22/23.0	**53.123.23**
0.22/16.0	**53.123.26**
0.22/23.0	**53.123.33**

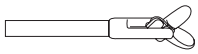


ø / cm	
0.26/16.0	**53.130.16**
0.26/23.0	**53.130.23**
0.34/16.0	**53.140.16**
0.34/23.0	**53.140.23**
0.34/16.0	**53.142.16**
0.34/23.0	**53.142.23**



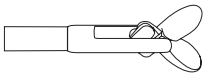
ø / cm	
0.26/16.0	**53.131.16**
0.26/23.0	**53.131.23**
0.34/16.0	**53.141.16**
0.34/23.0	**53.141.23**
0.34/16.0	**53.143.16**
0.34/23.0	**53.143.23**





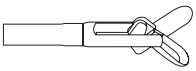
ø / cm

0.18/16.0	**53.212.16**
0.18/23.0	**53.212.23**



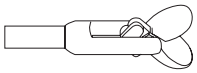
ø / cm

0.22/16.0	**53.222.16**
0.22/23.0	**53.222.23**



ø / cm

0.26/16.0	**53.232.16**
0.26/23.0	**53.232.23**



ø / cm

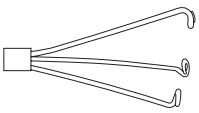
0.34/16.0	**53.242.16**
0.34/23.0	**53.242.23**



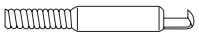
53.212.16 - 53.242.23



53.291.16 - 53.292.23



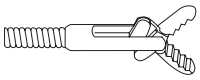
ø / cm	
0.22/16.0	**53.291.16**
0.22/23.0	**53.291.23**



ø / cm	
0.22/16.0	**53.292.16**
0.22/23.0	**53.292.23**



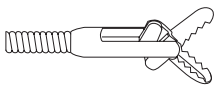
ø / cm	
0.18 / 16.0	**53.301.16**
0.18 / 23.0	**53.301.23**
0.18 / 16.0	**53.301.26**
0.18 / 23.0	**53.301.33**



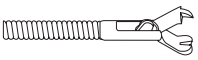
ø / cm	
0.22 / 16.0	**53.341.16**
0.22 / 23.0	**53.341.23**



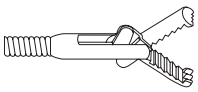
ø / cm	
0.18 / 16.0	**53.302.16**
0.18 / 23.0	**53.302.23**
0.18 / 16.0	**53.302.26**
0.18 / 23.0	**53.302.33**



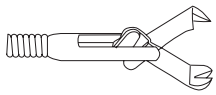
ø / cm	
0.22 / 16.0	**53.342.16**
0.22 / 23.0	**53.342.23**



ø / cm	
0.18 / 16.0	**53.304.16**
0.18 / 23.0	**53.304.23**



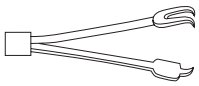
ø / cm	
0.22 / 16.0	**53.343.16**
0.22 / 23.0	**53.343.23**



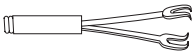
ø / cm	
0.22 / 16.0	**53.344.16**
0.22 / 23.0	**53.344.23**



ø / cm	
0.18 / 16.0	**53.311.16**
0.18 / 23.0	**53.311.23**



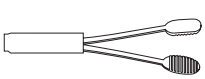
ø / cm	
0.22 / 16.0	**53.351.16**
0.22 / 23.0	**53.351.23**



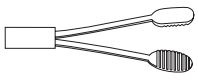
ø / cm	
0.18 / 16.0	**53.312.16**
0.18 / 23.0	**53.312.23**



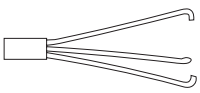
ø / cm	
0.22 / 16.0	**53.352.16**
0.22 / 23.0	**53.352.23**



ø / cm	
0.18 / 16.0	**53.313.16**
0.18 / 23.0	**53.313.23**



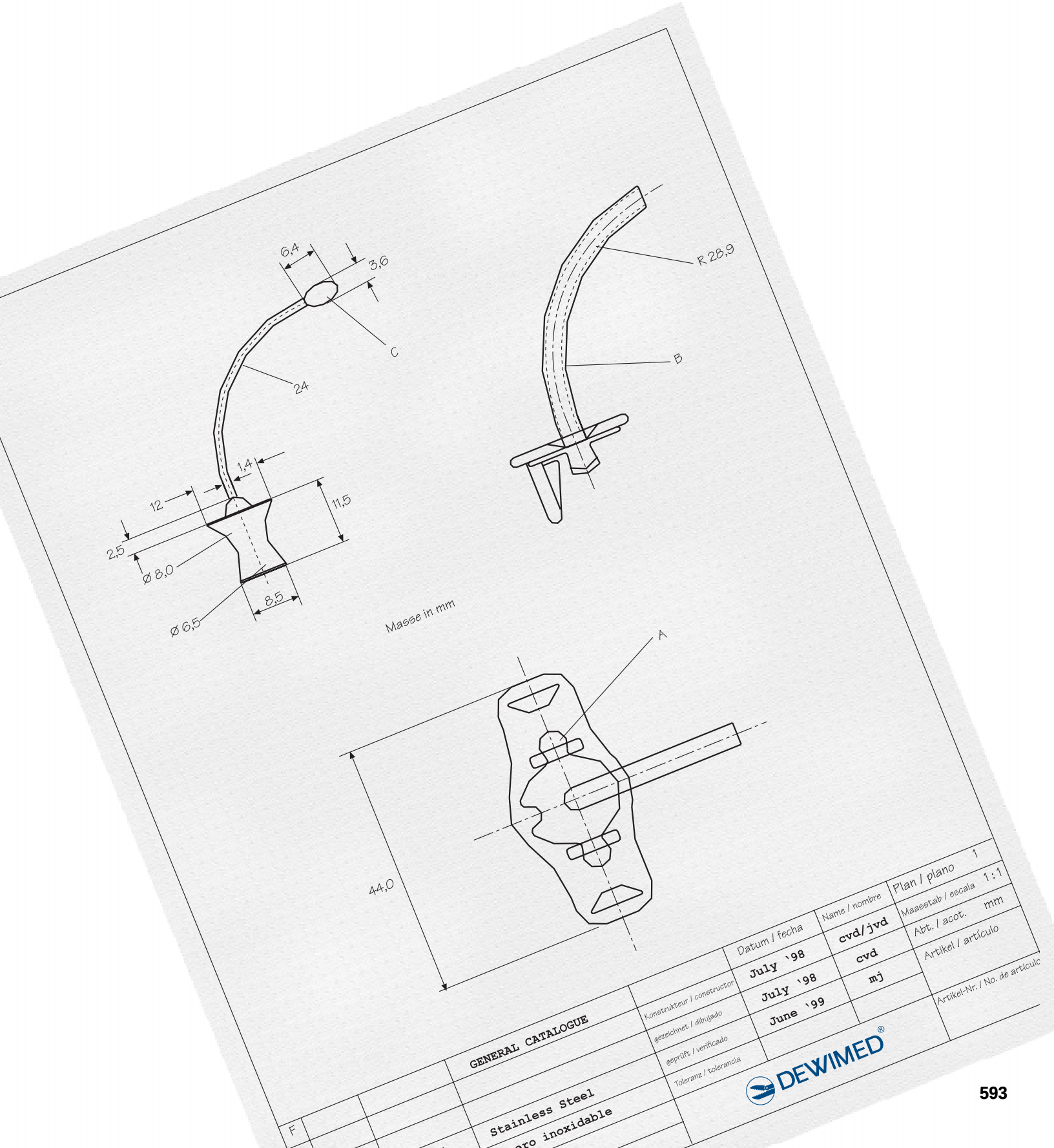
ø / cm	
0.22 / 16.0	**53.353.16**
0.22 / 23.0	**53.353.23**



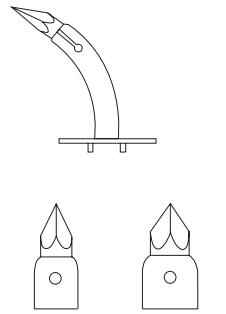
ø / cm	
0.18 / 16.0	**53.314.16**
0.18 / 23.0	**53.314.23**



ø / cm	
0.22 / 16.0	**53.354.16**
0.22 / 23.0	**53.354.23**


6,4
3,6
C
24
1,4
12
2,5
Ø 8,0
11,5
8,5
Ø 6,5
R 28,9
B
Masse in mm
A
44,0
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
DEWIMED®





54.101.75
ø 7.5 mm

54.101.90
ø 9 mm

UCKERMANN
54.101.75 - 54.101.90
13 cm



TROUSSEAU
54.111.14
14 cm



LABORDE
54.113.14
14 cm



BOSE
54.115.07
7 cm

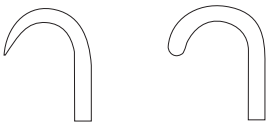


JACKSON
54.116.15
15cm



JACKSON
54.117.17
17 cm





54.118.16

54.119.16

ITERSON
54.118.16 - 54.119.16
16 cm

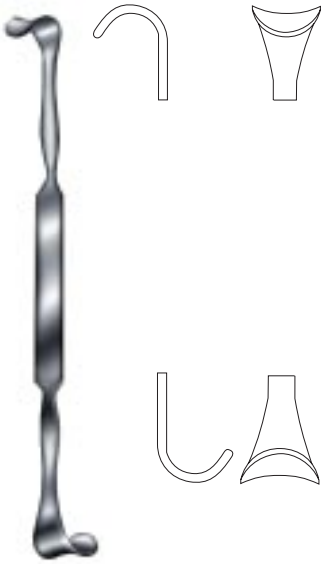




BOSE
54.122.16
16 cm



BOSE
54.124.16
16 cm



ROSE
54.130.13
13 cm



TORRINGTON
54.141.05 - 54.141.10
26 cm

ø mm		
5	1.7	**54.141.05**
6	2.0	**54.141.06**
7	2.3	**54.141.07**
8	2.7	**51.141.08**
9	3.0	**54.141.09**
10	3.3	**54.141.10**



WAGENER MOSHER
54.151.05 - 54.151.09

mm	
5	**54.151.05**
7	**54.151.07**
9	**54.151.09**



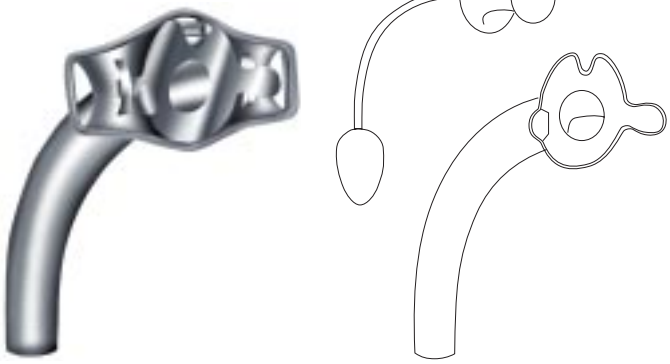
54.200.03 - 54.200.13

ø mm	for catheters	
3	14	**54.200.03**
4	16	**54.200.04**
5	18	**54.200.05**
6	20/22	**54.200.06**
7	24/26	**54.200.07**
8	28/30	**54.200.08**
9	32/34	**54.200.09**
10	36	**54.200.10**
11	38	**54.200.11**
12	40/42	**54.200.12**
13	44/46	**54.200.13**



LUER
54.220.04 - 54.220.13

fig.	*ø mm*	
0	*4*	**54.220.04**
1	*5*	**54.220.05**
2	*6*	**54.220.06**
3	*7*	**54.220.07**
4	*8*	**54.220.08**
5	*9*	**54.220.09**
6	*10*	**54.220.10**
7	*11*	**54.220.11**
8	*12*	**54.220.12**
9	*13*	**54.220.13**



JACKSON
54.240.04 - 54.240.13

fig.	*ø mm*	
0	*4*	**54.240.04**
1	*5*	**54.240.05**
2	*6*	**54.240.06**
3	*7*	**54.240.07**
4	*8*	**54.240.08**
5	*9*	**54.240.09**
6	*10*	**54.240.10**
7	*11*	**54.240.11**
8	*12*	**54.240.12**
9	*13*	**54.240.13**



54.270.00
set



KOCHER
54.501.15 - 54.503.15
15 cm



KOCHER
54.503.16
15 cm



SCHOENBORN
54.511.21
15 cm



JOLL
54.512.15
15 cm



LAHEY
54.520.15
15 cm
54.520.20
20 cm



MASTIN
54.523.17
17 cm

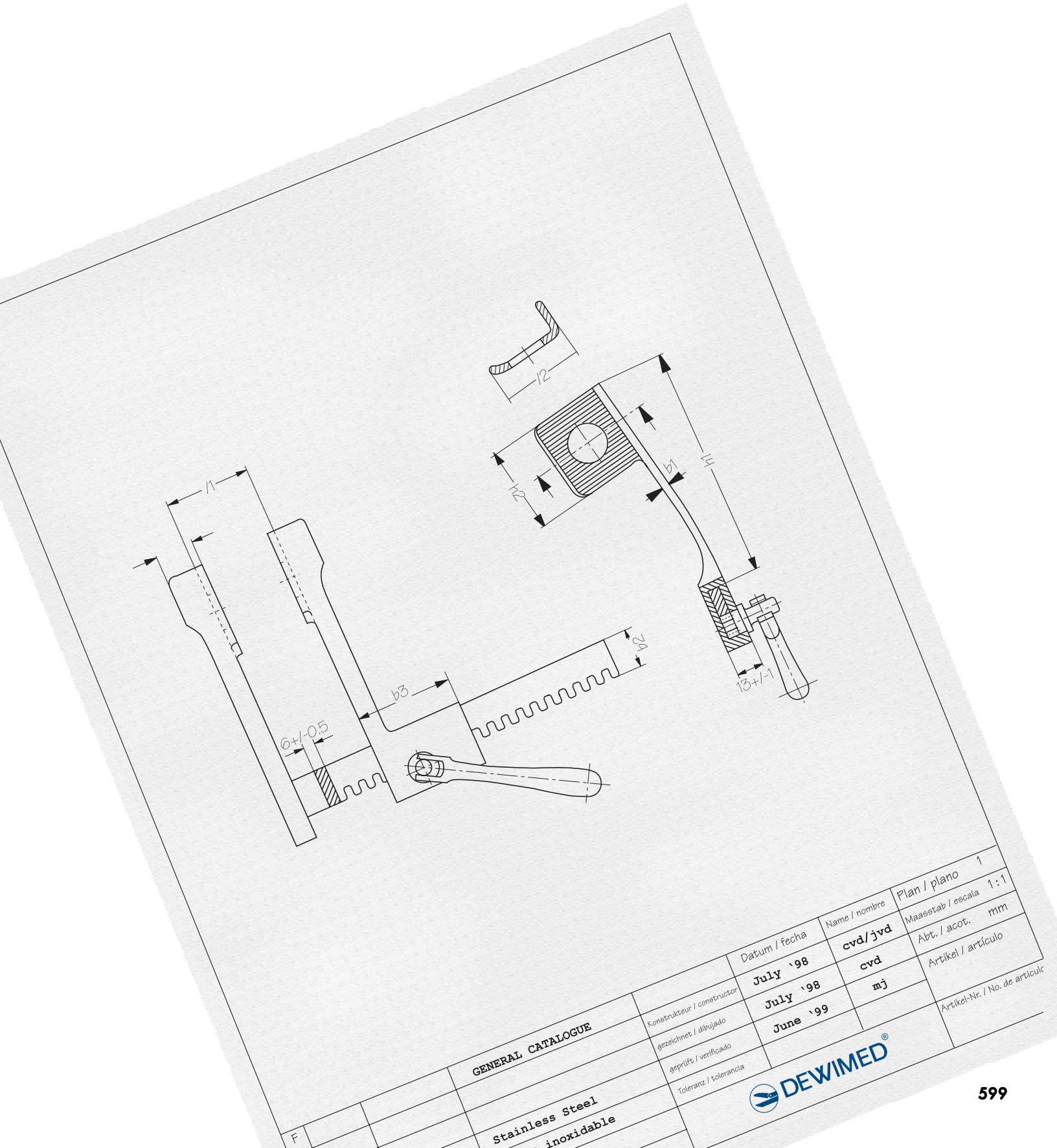
THEODOR KOCHER
1841 - 1917

Was born in Berne, Swizerland, 1841. He finished his medical studies in 1865 and went into surgery where he had teachers like Demme, Lydee, Billioth y Langenbeck.
In 1872 he was appointed professor of surgery and head of the University Clinic in Berne. He held his position until retirement.
He was one of the first surgeons to apply the aseptic principles of Lister.
Kocher was scientifically active very early and published a large number of experimental and clinical works in various surgical fields.
His tremendous contributions to gastroenterological and orthopedic surgery and to neurology are worth mentioning.
Kocher received the Nobel Price in 1909 for his work on the pathology, physiology and surgery of the thyroid gland.

Nació en Berne, Suiza en 1841. Finaliza sus estudios de medicina en 1865, e inicia la cirugía con los maestros Demme, Lydec, Billioth y Langenbeck.
En 1872 ya era profesor en cirugía y jefe de la clínica universitaria de Berne, puesto que ocupó hasta su jubilación.
Fue uno de los primeros en aplicar los principios de asepsia de Lister.
Kocher, desde muy jóven científicamente activo, publicó varios trabajos experimentales y clínicos en diversos campos quirúrgicos.
Cabe mencionar sus grandes contribuciones a la Cirugía gastroenterológica y ortopédica así como a la Neurología.
En 1909 obtiene Kocher el Premio Nobel por su trabajo de investigación de la patología, fisiología y cirugía de la glándula tiroide.

Wurde 1841 in Bern, Schweiz geboren.
Sein Medizinstudium beendete er 1865 und ging in die Chirurgie unter der Führung von Demme, Lycke, Billroth und Langenbeck.
1872 war er bereits Professor der Chirurgie und Chef der Universitätsklinik Bern, wo er bis zu seiner Pensionierung blieb.
Er gehörte zu den ersten Anwendern der Grundschule Listers über die Asepsie.
Schon sehr früh war Kocher wissenschaftlich aktiv und veröffentlichte laufend experimentelle und wissenschaftliche Erkenntnisse.
Besonders hervorzuheben sind seine Arbeiten im Bereich Gastroenterologie, Orthopädie und Neurologie.
1909 erhielt Kocher den Nobelpreis für seine Forschungsarbeit über die Pathologie, Physiologie und Chirurgie der Schilddrüse.





		GENERAL CATALOGUE	Konstrukteur / constructor	Datum / fecha	Name / nombre	Plan / plano 1
			gezeichnet / dibujado	July '98	cvd/jvd	Maasstab / escala 1:1
			geprüft / verificado	July '98	cvd	Abt. / acot. mm
		Stainless Steel	Toleranz / tolerancia	June '99	mj	Artikel / artículo
F		inoxidable				Artikel-Nr. / No. de artículo

DEWIMED®



56.102.23
23 cm



56.105.22
22 cm



GLUCK
56.107.22
22 cm



STILLE
56.111.21
21 cm

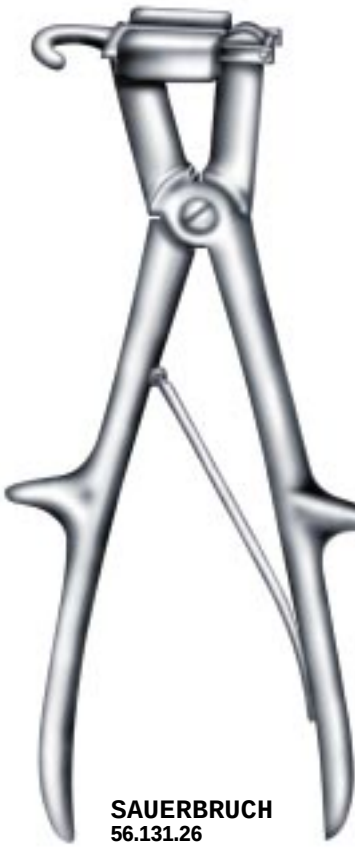


CORYLLOS
56.123.35 - 56.125.35

cm	*left*	*right*
35	**56.123.35**	**56.125.35**



BETHUNE
56.126.34
34 cm



SAUERBRUCH
56.131.26
26 cm



GIERTZ STILLE
56.137.27
27 cm



SAUERBRUCH FREY
56.141.36
36 cm



BRUNNER
56.147.28
28 cm



SCHUMACHER
56.148.21
21 cm



spread cm	depth mm	width mm	
16.5	40	40	**56.210.16**
20.0	45	55	**56.210.20**
25.0	70	65	**56.210.25**

FINOCHIETTO
56.210.16 - 56.210.25



spread cm	depth mm	width mm	
7.5	18	20	**56.214.75**

FINOCHIETTO baby
56.214.75



spread cm	depth mm	width mm	
13.5	38	44	**53.230.13**
17.5	52	62	**53.230.17**
17.5	85	65	**53.230.18**

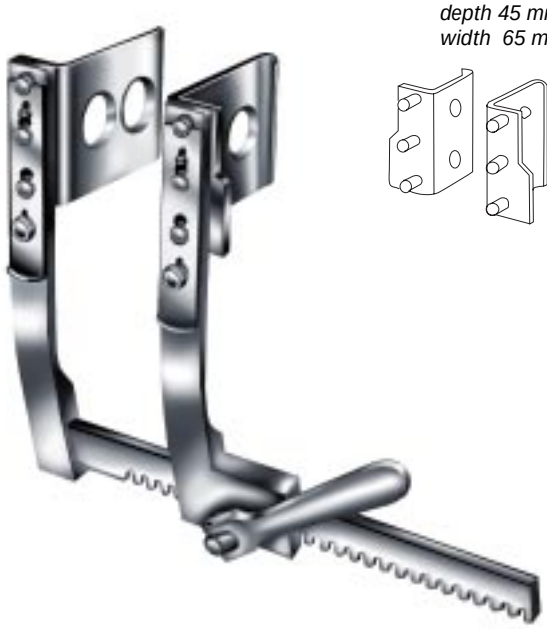
FINOCHIETTO
53.230.13 - 53.230.18
aluminium



spread cm	depth mm	width mm	
7.5	15	15	**56.234.75**

FINOCHIETTO infant
56.234.75
aluminium

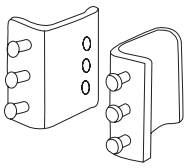
depth 70 mm
width 65 mm



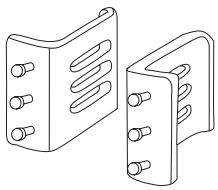
depth 45 mm
width 65 mm

FINOCHIETTO BURFORD
56.236.25
25 cm





depth 47 mm
width 62 mm



depth 65 mm
width 62 mm

spread cm

18	**56.242.18**
26	**56.242.26**
30	**56.242.30**

FINOCHIETTO BURFORD
56.242.18 - 56.242.30
aluminium



FINOCHIETTO BURFORD
56.244.13
13.5 cm
aluminium

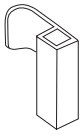


CASTAÑEDA
56.250.05 - 56.250.12
aluminium

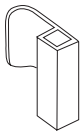
spread cm	*depth mm*	*width mm*	
6.5	*105*	*32*	**56.242.18**
7.0	*120*	*45*	**56.242.26**
12	*150*	*60*	**56.242.30**



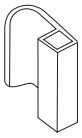
STRUCK
56.258.00 - 56.258.15



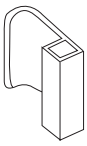
56.258.11
1 x 1 cm



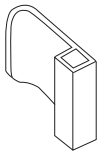
56.258.12
1 x 1.5 cm



56.258.13
1 x 2 cm



56.258.14
1.5 x 2 cm



56.258.15
2 x 2 cm



Spread cm	depth mm	width mm
9	30	30

HAIGHT
56.260.09

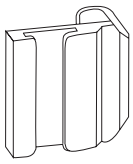


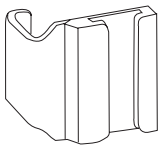
Spread cm	depth mm	width mm
16.5	50	45

TUFFIER
56.264.16



set complete **56.266.00**
frame **56.266.22**





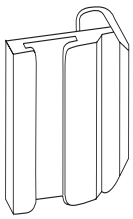
DE BAKEY
56.266.00 - 56.266.66
large 22 cm
spread 15 cm
height 18 cm

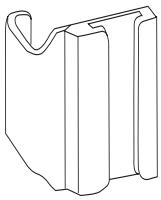
cm

3.0 x 3.0	blade	**56.266.30**
4.0 x 4.0	blade	**56.266.40**
5.0 x 5.0	blade	**56.266.50**
5.0 x 6.6	blade	**56.266.66**



set complete **56.268.00**
frame **56.268.22**





DE BAKEY
56.268.00
large 28.0 cm
spread 20.0 cm
height 22.5 cm

cm

4.0 x 10.0	blade	**56.268.40**
5.0 x 8.0	blade	**56.268.50**
6.0 x 6.0	blade	**56.268.60**
8.0 x 6.0	blade	**56.268.80**



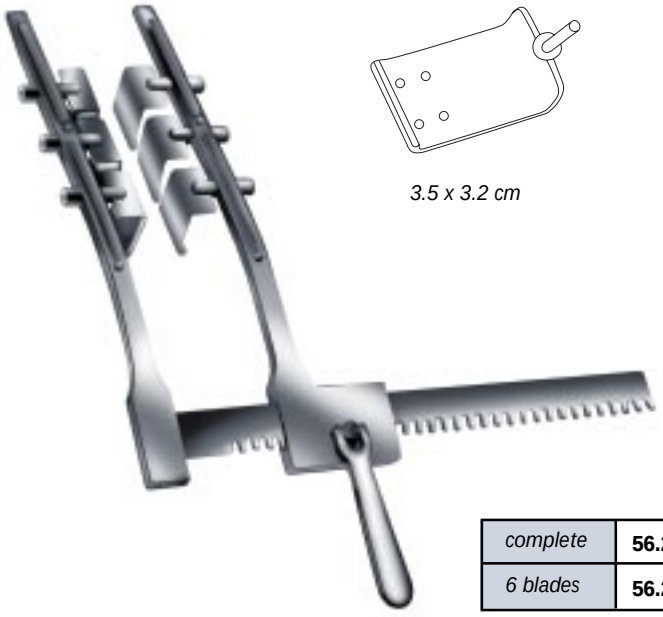
MERCEDES
56.270.00
complete



cm

15	**56.272.15**
20	**56.272.20**

MORSE
56.272.15 - 56.272.20



3.5 x 3.2 cm

complete	**56.274.00**
6 blades	**56.274.01**

ANKENEY
56.274.00 - 56.274.01



ANKENEY
56.276.00
children

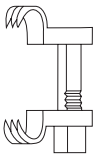


56.280.19
19 cm



BAILEY baby
56.282.14
14 cm





BAILEY GIBBON
56.286.16

BAILEY
56.284.16 - 56.286.16
16 cm



cm	
14	**56.288.14**
18	**56.288.18**

LEMMON
56.288.14 - 56.288.18



cm	
30	**56.289.30**
32	**56.289.32**

ALLISON
56.289.30 - 56.289.32



LOVELACE
56.290.20
20 cm



LOVELACE
56.291.20
20 cm



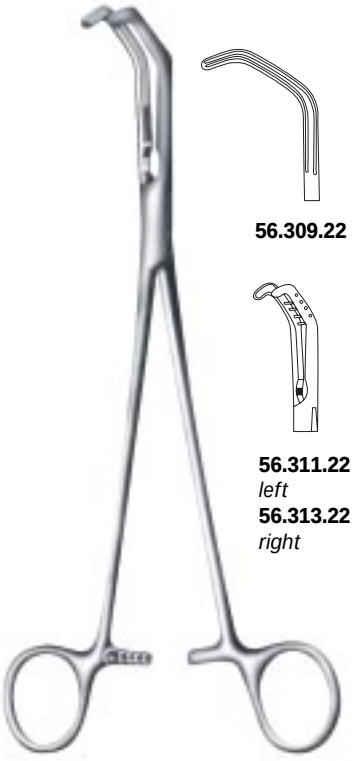
HARRINGTON
56.301.30 - 56.303.29

cm

30.5	**56.301.30**
29.5	**56.303.29**



FINOCHIETTO
56.307.24
24 cm

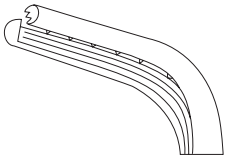


56.309.22

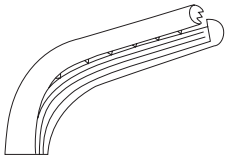
56.311.22
left
56.313.22
right

PRICE THOMAS
56.309.22 - 56.313.22
22 cm





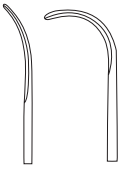
56.317.23
left



56.319.23
right

SAROT
56.317.23 - 56.319.23
23 cm



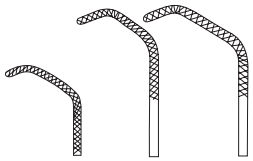


56.321.23

56.321.23

SEMB
56.321.23 - 56.323.23
23 cm



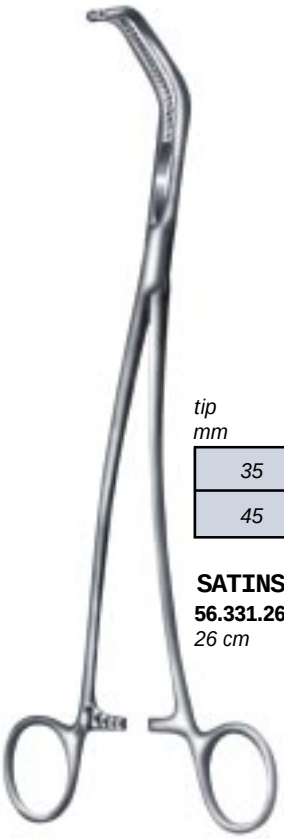


56.325.15 56.327.26 56.329.26

cm

15	**56.325.15**
26	**56.327.26**
26	**56.329.26**

SATINSKY
56.325.15 - 56.329.26



tip
mm

35	**56.331.26**
45	**56.333.26**

SATINSKY
56.331.26 - 56.333.26
26 cm



DERRA
56.335.24
24 cm



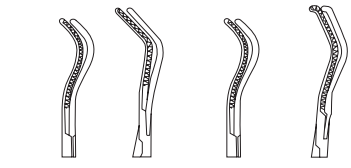
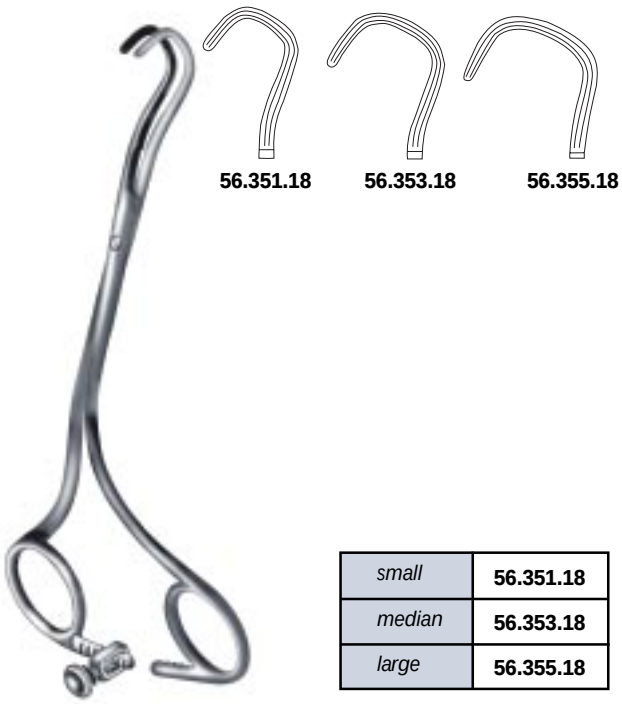


fig *1* *2* *3* *4*

curved	**56.343.24**
curved	**56.345.24**
curved	**56.347.24**
straight	**56.349.24**

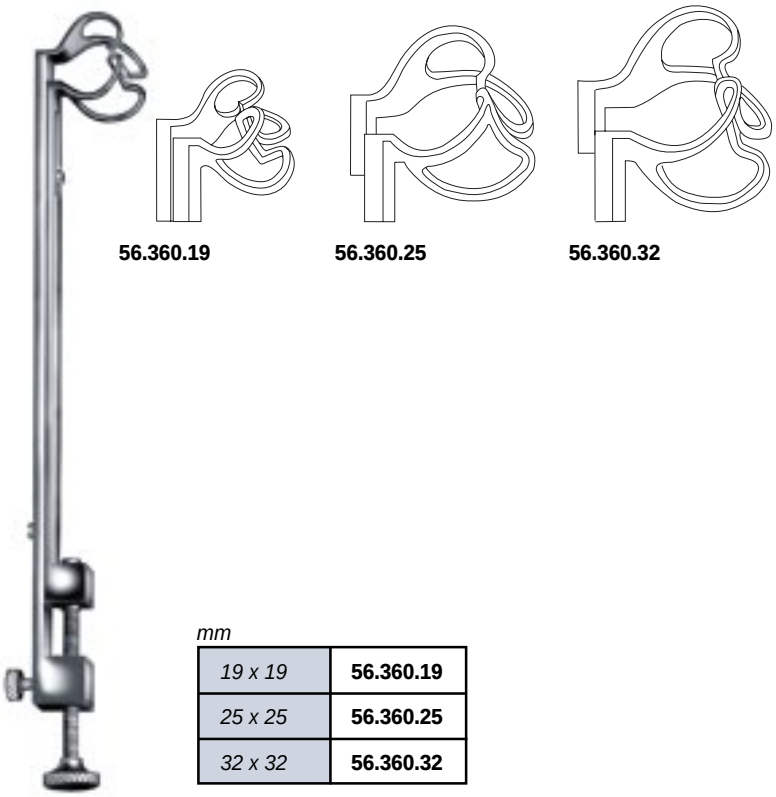
HARKEN
56.343.24 - 56.349.24
24 cm



56.351.18 56.353.18 56.355.18

small	**56.351.18**
median	**56.353.18**
large	**56.355.18**

DERRA
56.351.18 - 56.355.18
18 cm



56.360.19 56.360.25 56.360.32

mm	
19 x 19	56.360.19
25 x 25	56.360.25
32 x 32	56.360.32

JOHNS HOPKINS
56.360.19 - 56.36.32
20 cm



mm	
4	56.380.04
5	56.380.05

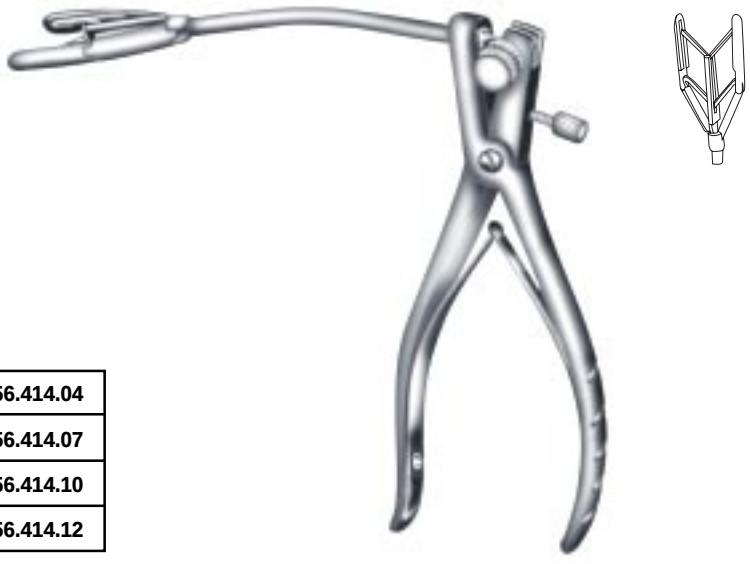
KARP
56.380.04 - 56.380.05



56.412.00

mm	
4.0	56.414.04
7.5	56.414.07
10.0	56.414.10
12.0	56.414.12

BLOCK
56.410.00
handle

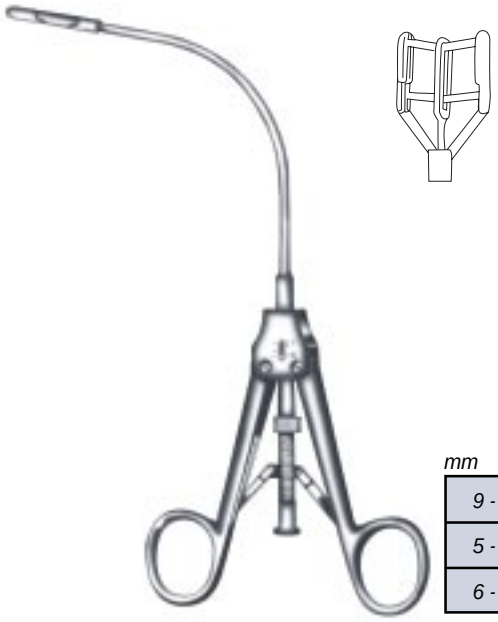


TUBBS
56.418.42 - 56.418.45
blade opening 8 - 42 mm
18 cm



children	**56.420.15**
adult	**56.420.45**

COOLEY
56.420.15 - 56.420.45



mm	
9 - 40	**56.423.40**
5 - 18	**56.425.18**
6 - 20	**56.425.20**

COOLEY
56.423.40 - 56.425.20



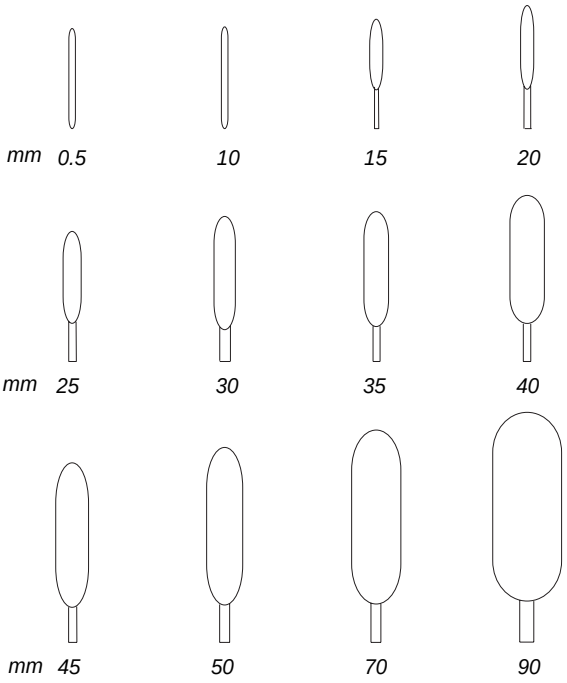
mm	
32	**56.430.32**
64	**56.430.64**

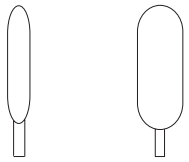
RUMEL BELMONT
56.430.32 - 56.430.64
33 cm



mm	
0.5	**56.470.05**
10	**56.470.10**
15	**56.470.15**
20	**56.470.20**
25	**56.470.25**
30	**56.470.30**
40	**56.470.40**
50	**56.470.50**

COOLEY
56.470.05 - 56.470.50
13 cm





mm	19 cm	35 cm
0.5	**56.472.05**	**56.474.05**
10	**56.472.10**	**56.474.10**
15	**56.472.15**	**56.474.15**
20	**56.472.20**	**56.474.20**
25	**56.472.25**	**56.474.25**
30	**56.472.30**	**56.474.30**
35	**56.472.35**	**56.474.35**
40	**56.472.40**	**56.474.40**
45	**56.472.45**	**56.474.45**
50	**56.472.50**	**56.474.50**
70	**56.472.70**	**56.474.70**
90	**56.472.90**	**56.474.90**



DE BAKEY
56.472.05 - 56.474.90
19 cm



cm	
18.5	**56.505.18**
21.5	**56.505.21**

56.505.18 - 56.505.21
ø 3 mm teeth



cm	
14	**56.507.14**
24	**56.507.24**

56.507.14 -56.507.24



mm	
5	**56.509.01**
4	**56.509.02**
3	**56.509.03**
2	**56.509.04**

ROBB
56.509.01 - 56.509.04
24 cm

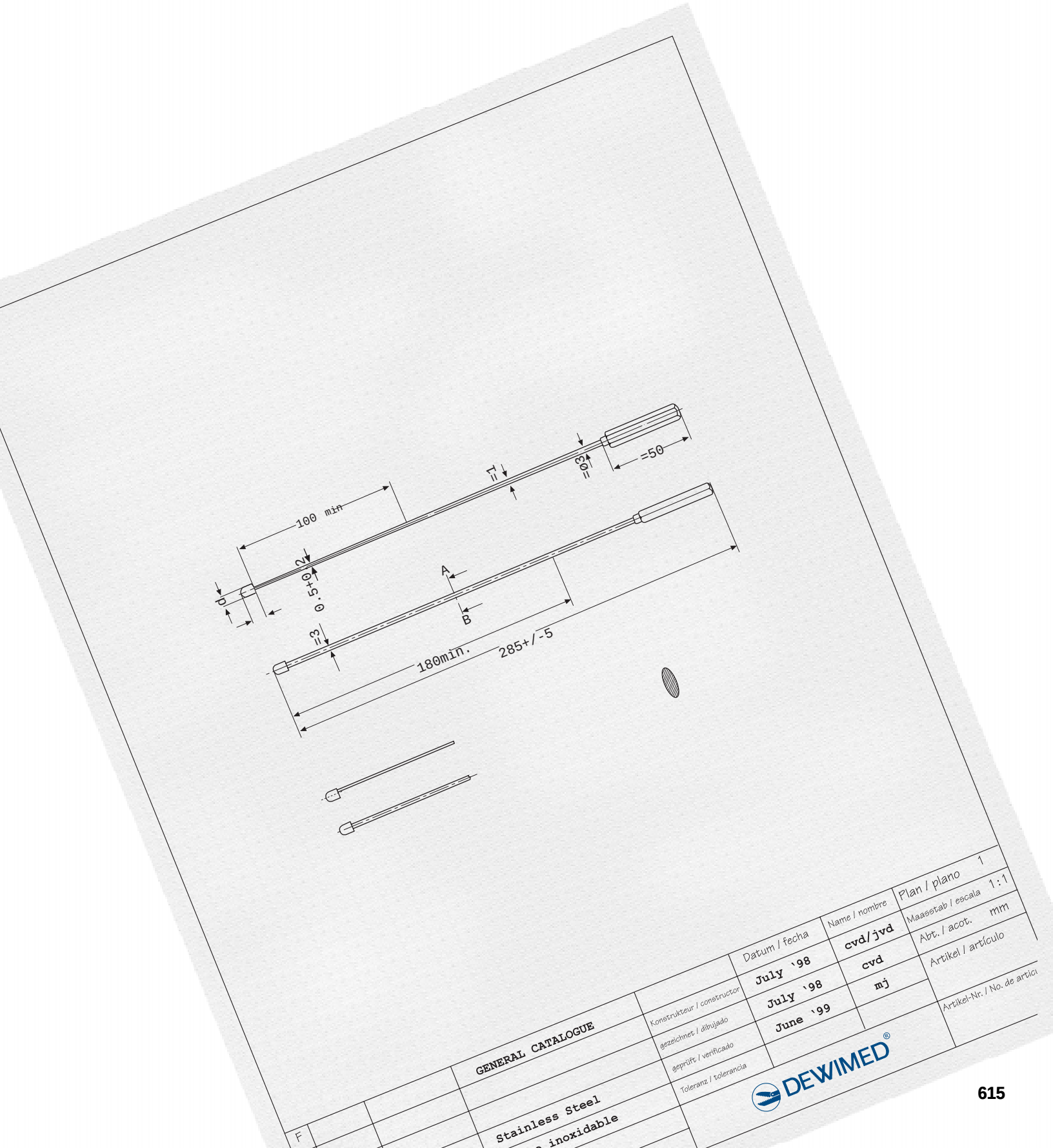
WERNER FORSSMANN
1904 - 1979

In 1929 in a small hospital in Eberswalde, Germany, Werner Forssman, a young surgical resident, anaesthetized his own elbow, inserted a catheter in his antecubital vein and with the catheter dangling from his arm, proceded to a basement x-ray room where he documented the catheter's position in his right atrium proving that a catheter could be inserted safely into a human heart.
Forssmann's goal was to find a safe way to inject drugs for cardiac resuscitation. He was determined that catheterization was the key, but it was believed that any entry into the heart would be fatal.
He was immediately fired for his self-experimentation, despite the significance of his discovery.
Until 1956 Forssmann was awarded a Nobel Price for his pioneering efforts.

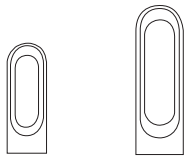


En 1929 Werner Forssmann, un médico residente en el hospital de Eberswalde, Alemania, comprobó la posibilidad de la cateterización segura al corazón autoanesteciándose el codo e introduciéndose el catéter.
Con el mismo catéter tambaleando del brazo, se dirigió a la sala de rayos X para comprobar su posicionamiento en el corazón.
Su meta era encontrar una posibilidad para inyectar medicamentos directamente para la resucitación cardiáca. Él aseguraba que ésta sería la única posibilidad, a pesar de saber que cualquier entrada directa al corazón sería fatal.
Forssmann fue expulsado del hospital por efectuar autoexperimentos, a pesar de la importancia de su descubrimiento.
Fue hasta 1956 que Forssmann recibe el Premio Nobel por su trabajo.

Im Jahre 1929, in der Eberswalder Klinik bei Berlin, wies Werner Forssmann, ein junger Assistenzarzt nach, daß ein Katheter sicher in ein menschliches Herz eingeführt werden kann.
Er betäubte seinen Ellenbogen und führte ein Katheter in eine Vene ein.
Mit dem am Arm baumelnden Katheter lief Forssmann in den Röntgensaal, um die Positionierung des Katheters an seinem Herz nachzuweisen.
Sein Ziel war es, einen sicheren Weg zu finden, Medikamente für die Wiederbelebung des Herzens direkt einzuspritzen.
Er war davon überzeugt, daß die Katheterisierung hierfür die einzige Möglichkeit war, obwohl es bekannt war, daß jeder Herzzugang fatale Folgen haben konnte.
Forssmann wurde aufgrund seines Selbstversuches und trotz der Wichtigkeit seine Entdeckung gekündigt.
Erst 1956 erhielt Forssmann den Nobelpreis für seine Arbeit.


100 min
Ø1.1
Ø3
=50
Ø1.5+0
A
B
Ø3
180min.
285+/-5
GENERAL CATALOGUE
Stainless Steel
Datum / fecha
Name / nombre
Konstrukteur / constructor
July `98
cvd/jvd
gezeichnet / dibujado
July `98
cvd
geprüft / verificado
June `99
mj
Toleranz / tolerancia
DEWIMED
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artic



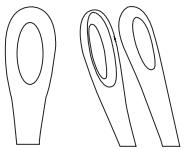


62.101.23
fig 1

62.103.23
fig 2

DESJARDINS
62.101.23 - 62.103.23
23 cm



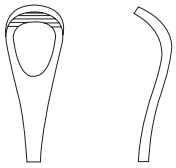


62.106.20
straight

62.107.20
curved

BLAKE
62.106.20 - 62.107.20
20 cm



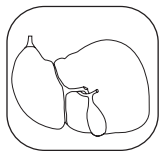


62.110.20 **62.111.20**

MAYO BLAKE
62.110.20 - 62.111.20
20 cm



MIXTER
62.117.22
22 cm





MOORE
62.125.28
30 cm



OCHSNER
62.128.35
38 cm

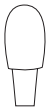




62.130.13
13 Charr



62.130.18
18 Charr



62.130.21
21 Charr

DESJARDINS
62.130.13 - 62.130.21
30 cm



MOYNIHAN
62.142.34
34 cm



BAKES
62.150.00
set of 9



62.150.01
ø 1 mm



62.150.02
2 mm



62.150.03
3 mm



62.150.04
4 mm



62.150.05
5 mm



62.150.06
6 mm



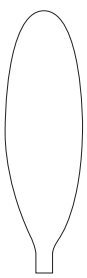
62.150.07
7 mm



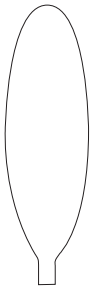
62.150.08
ø 8 mm



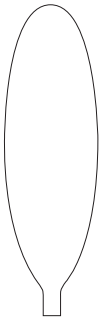
62.150.09
9 mm



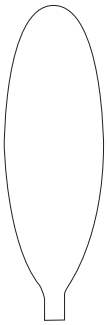
62.150.10
10 mm



62.150.11
11 mm



62.150.12
12 mm



62.150.13
13 mm

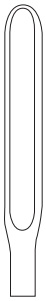
BAKES
62.150.01 - 62.150.13
30 cm



FERGUSSON
62.170.21
21.5 cm



62.178.01
small



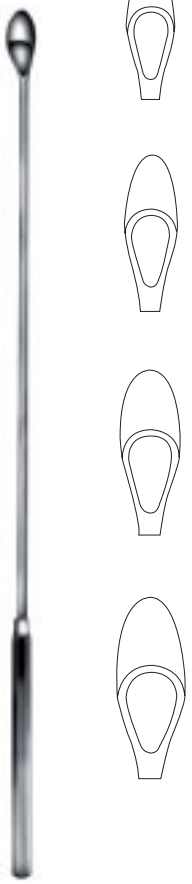
62.178.02
medium



62.178.03
large



MAYO
62.178.01 - 62.178.03
27 cm





62.180.17
17 charr

62.180.21
21 charr

62.180.24
24 charr

62.180.27
27 charr

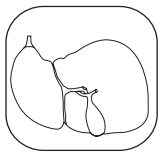
DESJARDINS
62.180.17 - 62.180.27
30 cm



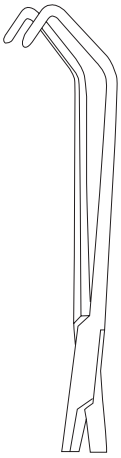
MAYO
62.175.27
27 cm



MAYO
62.210.32
32 cm





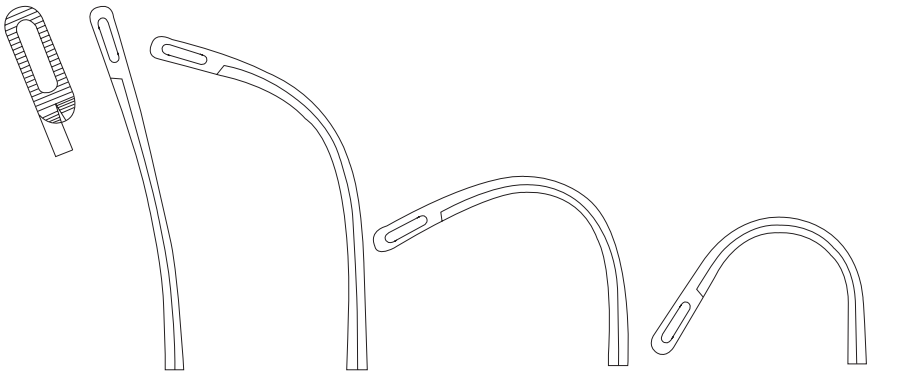


LURZ
62.223.21
21 cm

LURZ
62.221.21
21 cm
ureter clamp



RANDALL
62.231.01 - 62.231.06
kidney stone forceps

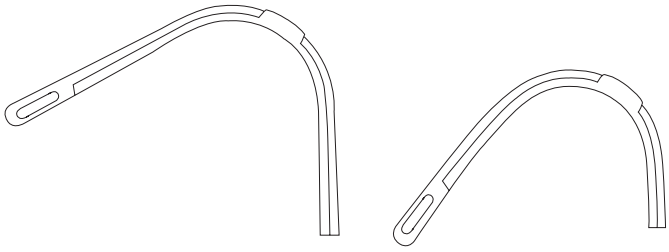


62.231.01
23 cm

62.231.02
22 cm

62.231.03
22 cm

62.231.04
22 cm



62.231.05
19 cm

62.231.06
19 cm

JOHN B. MURPHY
1857 - 1916

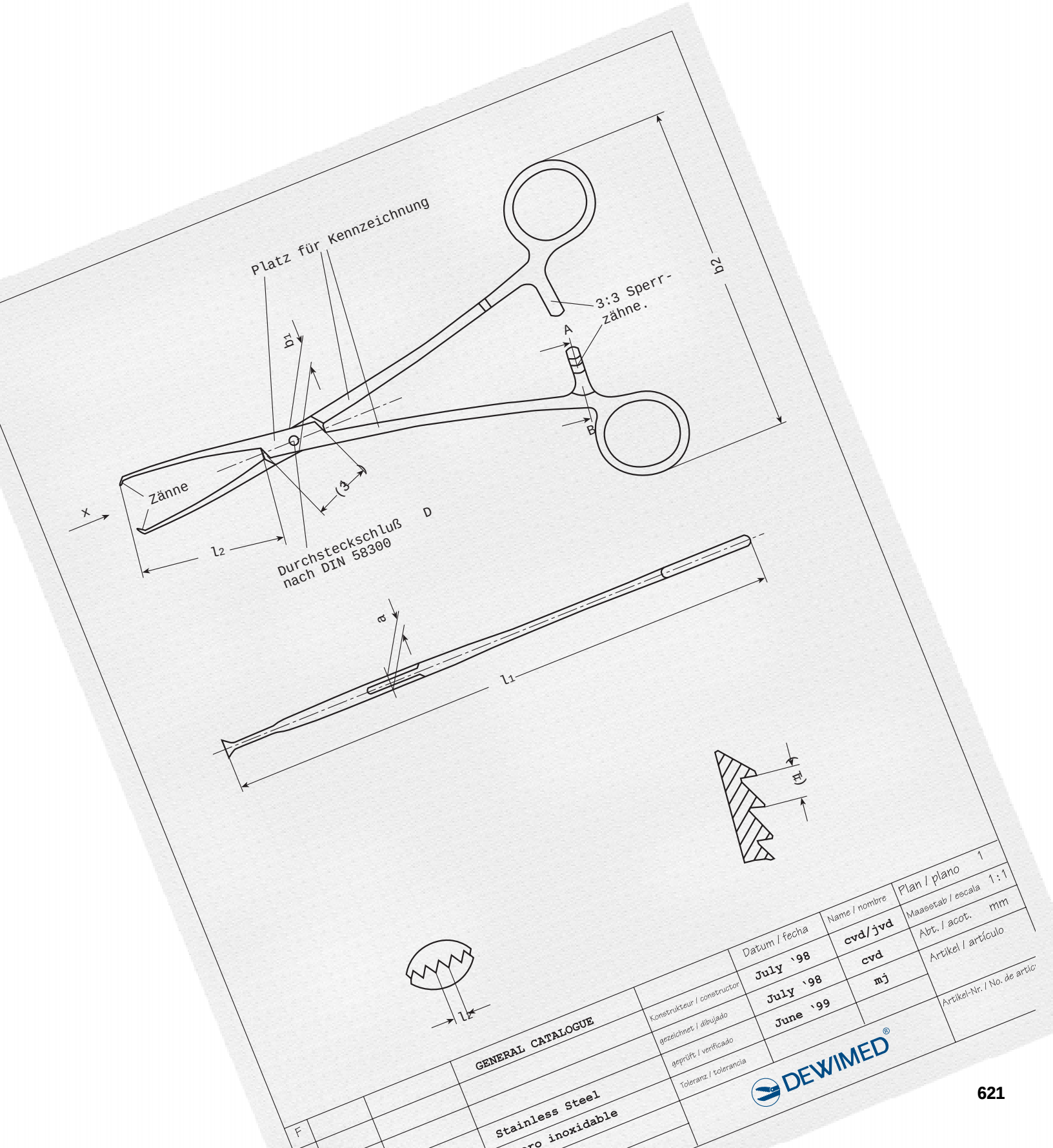


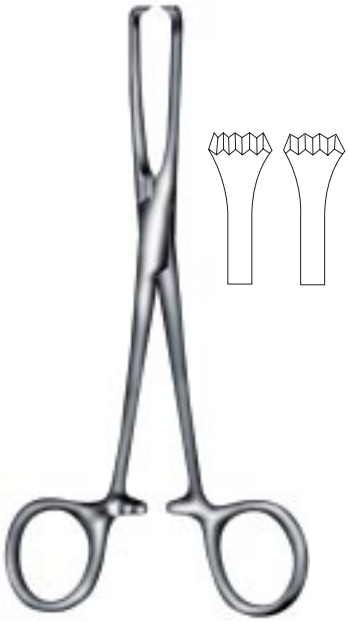


In 1889 he realized the first premature appendectomy.
Murphy was very interested in informing the population about the symptoms of appendicitis.
In case of arise they would be able to call a surgeon on time.

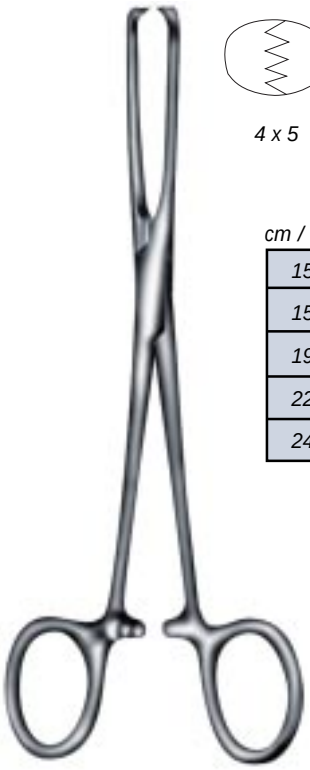
En 1889 realizó en Chicago la primera apendisectomía prematura.
Murphy le daba especial interés en aclarar al pueblo los síntomas de apendicitis para que en caso de presentarse, pudieran acudir con un cirujano a tiempo.

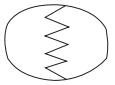
Im Jahre 1889 führte er die erste Frühoperation der Blinddarmentzündung durch.
Murphy legte besonderen Wert darauf, die Masse des Volkes auf die Symptome der Apendizitis aufmerksam zu machen, damit diese auch im Notfall rechtzeitig einen Chirurgen aufsuchen.


Platz für Kennzeichnung
3:3 Sperr-
zähne.
Zähne
Durchsteckschluß D
nach DIN 58300
GENERAL CATALOGUE
Stainless Steel
Datum / fecha
Name / nombre
Plan / plano 1
Maastab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artic
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
July '98
July '98
June '99
cvd/jvd
cvd
mj
DEWIMED



ALLIS baby
64.102.14
14 cm
4 x 5 teeth





4 x 5

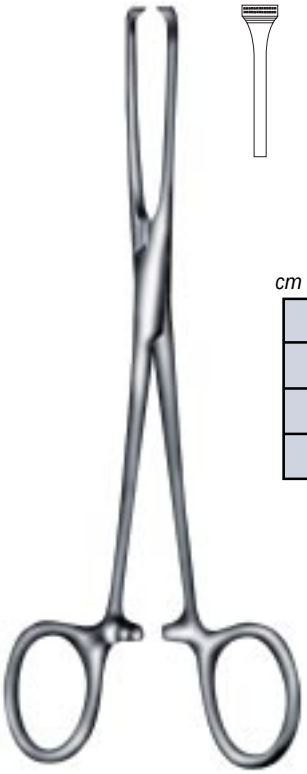


5 x 6

cm / teeth

15 x 4:5	**64.110.15**
15 x 5:6	**64.120.15**
19 x 5:6	**64.120.19**
22 x 5:6	**64.120.22**
24 x 5:6	**64.120.24**

ALLIS
64.110.15 - 64.120.24



cm

16	**64.124.16**
20	**64.124.20**
25	**64.124.25**
30	**64.124.30**

ALLIS
64.124.16 - 64.124.30
atraumatic



ALLIS ADAIR
64.130.15
15.5 cm
10 x 11 teeth



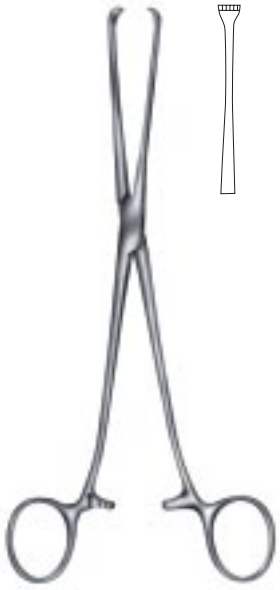
cm

15	**64.140.15**
19	**64.140.19**

JUDD ALLIS
64.140.15 - 64.140.19
3 x 4 teeth



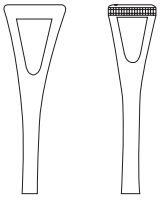
LOCKWOOD
64.146.20
20 cm



BOYS ALLIS
64.148.15
15 cm
5 x 6 teeth



THOMS ALLIS
64.150.20
20 cm
6 x 7 teeth



atraumatic

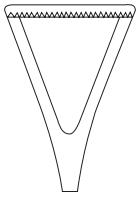


BABCOCK
64.160.16 - 64.168.20

cm		*TC*	*atraumatic*
16	**64.160.16**	**64.164.16 TC**	**64.168.16**
18	**64.160.18**		
20	**64.160.20**	**64.164.20 TC**	**64.168.20**
24	**64.160.24**		



13 mm



25 mm

mm / cm

13 / 18	**64.170.18**
13 / 20	**64.170.20**
25 / 20	**64.172.20**
25 / 23	**64.172.23**
25 / 20	**64.174.20 TC**

DUVAL
64.170.18 - 64.174.20 TC



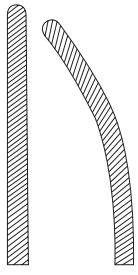
WILLIAMS
64.180.16
16.5 cm



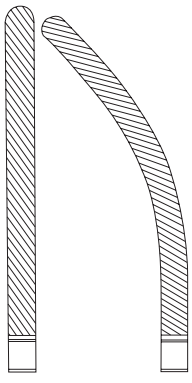
SCHOENBURG
64.182.22
22 cm



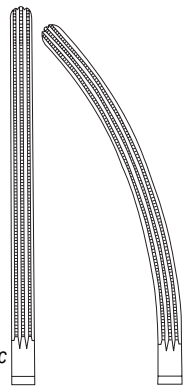
DOYEN baby
64.210.18 - 64.217.23



DOYEN baby



DOYEN

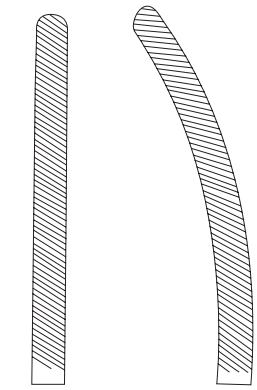


DOYEN
atraumatic

cm

16					**64.216.16**	**64.217.16**
18	**64.210.18**	**64.211.18**			**64.216.18**	**64.217.18**
21			**64.210.21**	**64.211.21**	**64.216.21**	**64.217.21**
23			**64.210.23**	**64.211.23**	**64.216.23**	**64.217.23**





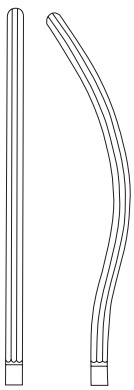
64.212.20 64.213.20

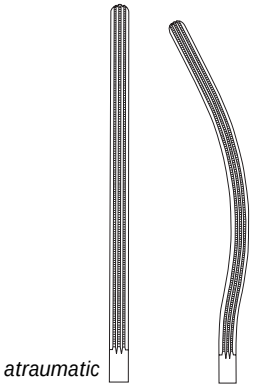
HARTMANN
64.212.20 - 64.213.20
20 cm



HARTMANN
64.218.20 - 64.219.20
20 cm



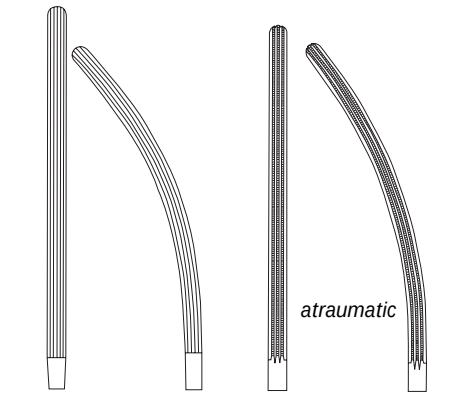




cm		atraumatic	
22	**64.220.22**	**64.221.22**	**64.226.22**	**64.227.22**
25	**64.220.25**	**64.221.25**	**64.226.25**	**64.227.25**
28	**64.220.28**	**64.221.28**	**64.226.28**	**64.227.28**

KOCHER
64.220.22 - 64.227.28



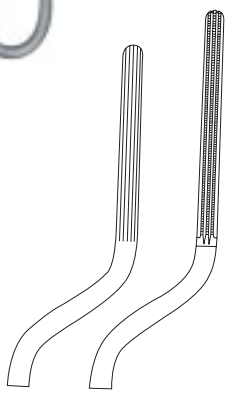


64.230.25 **64.231.25** **64.236.25** **64.237.25**

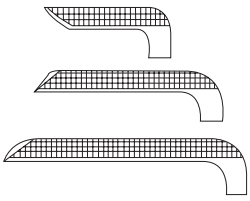
MAYO ROBSON
64.230.25 - 64.237.25
25 cm



FEHLAND
64.241.23
23.5 cm
64.247.23
atraumatic
24 cm

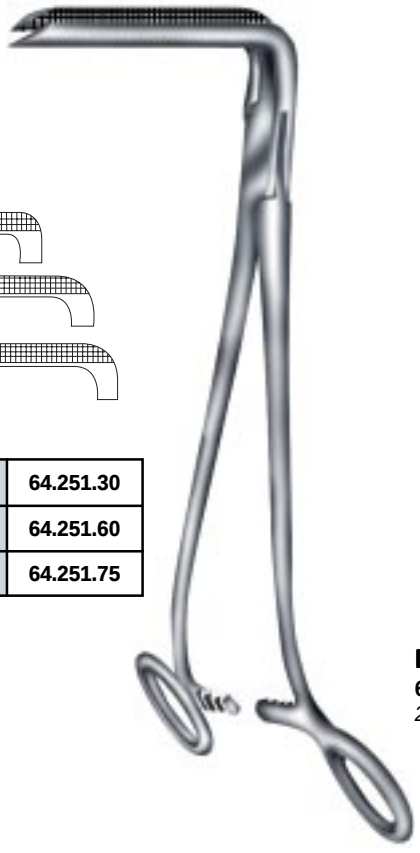


46.260.24 **46.260.24**
atraumatic



mm

30	**64.251.30**
60	**64.251.60**
75	**64.251.75**



BEST
64.251.30 - 64.251.75
26.5 cm



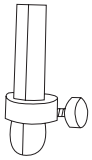
BRUNNER
46.260.24 - 64.266.24
24 cm



STONE
64.270.15
15.5 cm

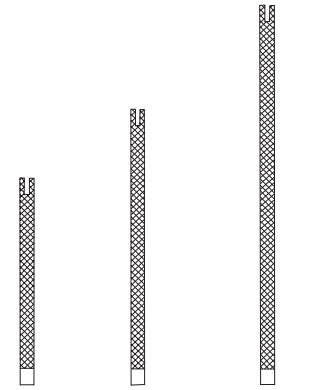


STONE WATT
64.272.07
7.5 cm
64.272.10
10 cm



STONE WATT
64.274.00





64.208.05
5 cm
64.280.07
7 cm
64.280.10
10 cm

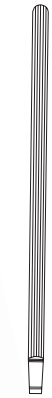
DE MARTEL WOLFSON
64.280.05 - 64.280.10
set 3



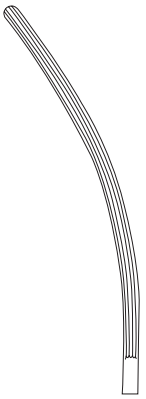
DE MARTEL WOLFSON
64.282.26
26 cm



DE MARTEL WOLFSON
64.284.08
8.5 cm
64.284.23
23 cm



64.290.30



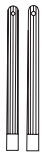
64.291.30





LANE
64.290.30 - 64.291.30
30 cm

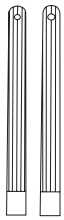




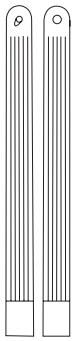
64.310.15
15 cm

PAYR baby
64.310.15
15 cm

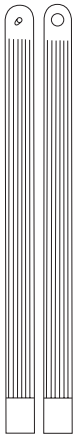




64.310.21
21 cm



64.310.29
29 cm



64.310.35
35 cm

PAYR
64.310.21 - 64.310.35



VON PETZ
64.320.00
stomach and intestinal suturing apparatus complete

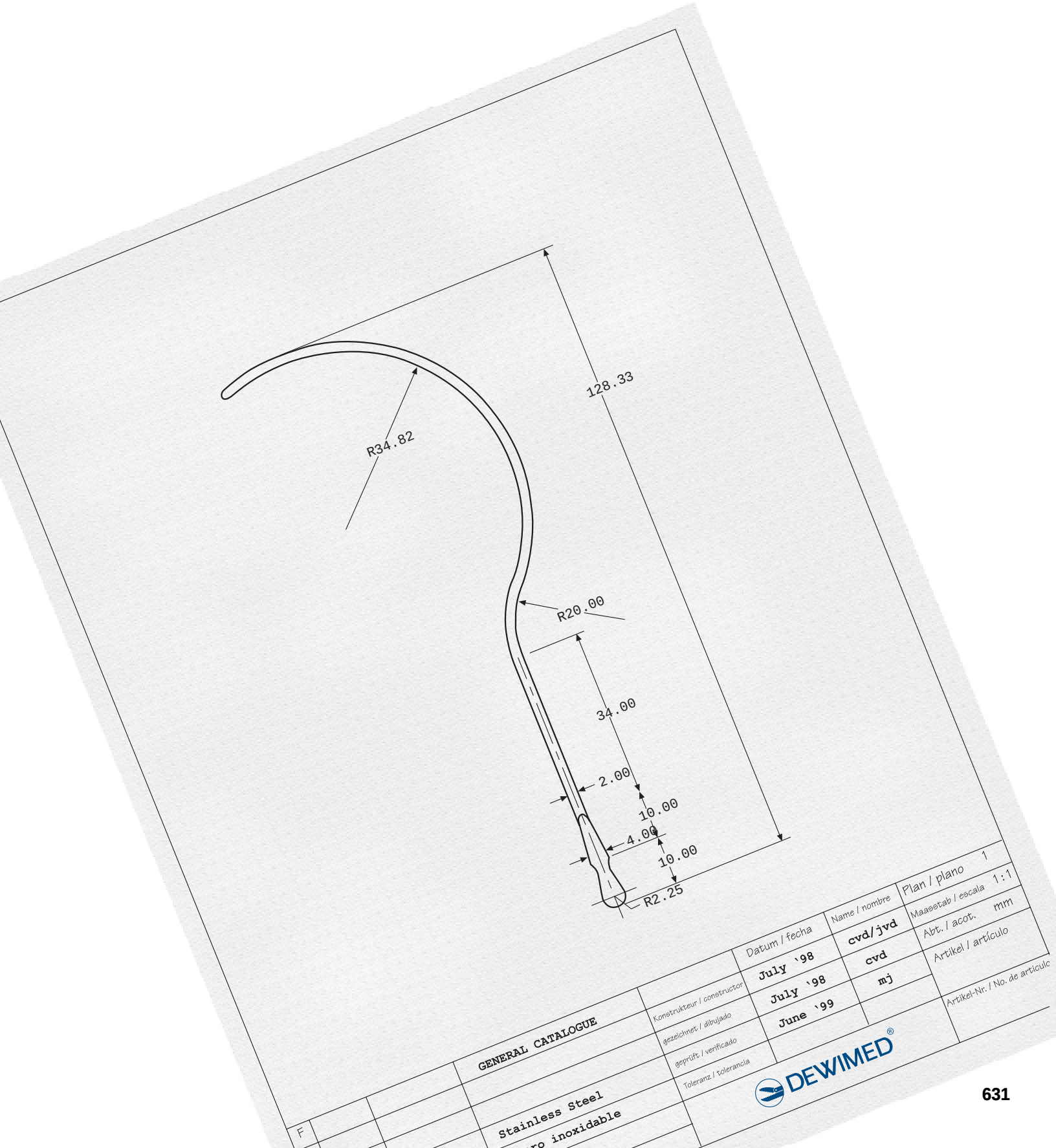


64.321.00 T
300 each



Diego Rivera
1943 - 1944

The History of Cardiology | La Historia de la Cardiología | Die Geschichte der Kardiologie


128.33
R34.82
R20.00
34.00
2.00
10.00
4.00
10.00
R2.25
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maastab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



YOUNG
66.101.21
21 cm



YOUNG
66.103.22
22 cm

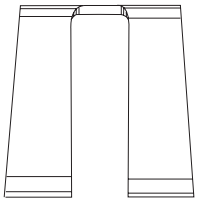


YOUNG
66.105.21
21 cm



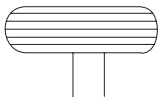
YOUNG
66.106.20
20 cm



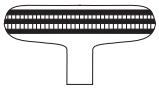


YOUNG
66.107.21
21 cm

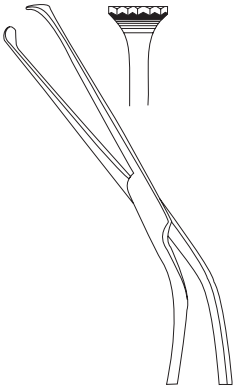




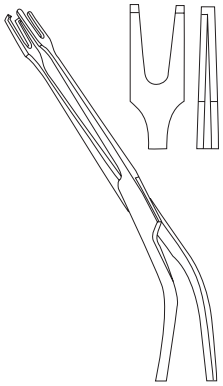
66.111.23
for the capsule
23 cm



66.117.23
atraumatic
for the capsule
23 cm



66.123.23
anterior lobe
23 cm



66.125.24
ligature carrier
24 cm

MILLIN
66.111.23 - 66.125.24



LEGUEU
66.147.27
27 cm



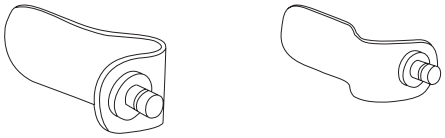
KOCHER
66.149.27
26 cm

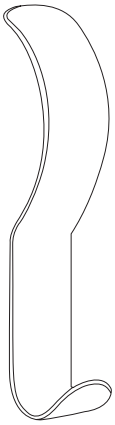


JUDD MASSON
66.150.00



HRYNTSCHAK
66.152.08
complete for child
66.152.11
complete for adult







THOMSON WALKER
66.160.00



MILLIN
66.162.00
with blades
66.162.50
with blades and cold lig
66.162.51
cold light for 66.162.00



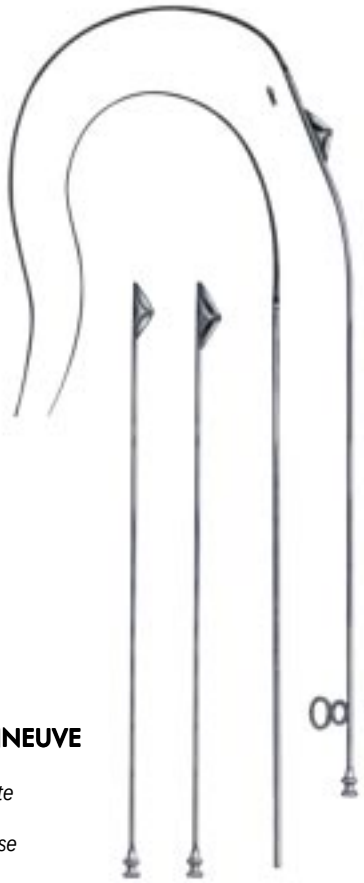
LEGUEU
66.163.00



MILLIN
66.165.00
28 cm



MATHIEU
66.168.20
20 cm
66.168.28
28 cm



MAISONNEUVE
66.170.00
set complete
66.170.01
wooden case



OTIS
66.172.00





OTIS
66.172.01



circuncision instrument
66.172.08 - 66.172.35

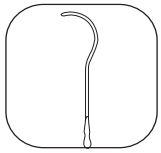
ø mm	
8.0	**66.172.08**
11.0	**66.172.11**
13.0	**66.172.13**
14.5	**66.172.14**
16.0	**66.172.16**
21.0	**66.172.21**
26.0	**66.172.26**
29.0	**66.172.29**
32.0	**66.172.32**
35.0	**66.172.35**



STOCKMANN
66.175.08
8 cm



STRAUSS
66.177.11
11 cm









66.184.39
39 cm

66.185.35
35 cm

GUYON
66.184.39 - 66.185.35



66.201.00
set complete

Charr. / F.G.

6	**66.201.06**
8	**66.201.08**
10	**66.201.10**
12	**66.201.12**
14	**66.201.14**
16	**66.201.16**
18	**66.201.18**
20	**66.201.20**
22	**66.201.22**
24	**66.201.24**
26	**66.201.26**
28	**66.201.28**
30	**66.201.30**
32	**66.201.32**
34	**66.201.34**
36	**66.201.36**

VAN BUREN
66.201.00 - 66.201.36
27.5 cm



GUTMANN
66.180.26
26.5 cm



GUYON
66.200.00
urethral dilatation
set complete



Charr. / F.G.	
8	66.205.08
10	66.205.10
11	66.205.11
12	66.205.12
13	66.205.13
14	66.205.14
15	66.205.15
16	66.205.16
17	66.205.17
18	66.205.18
19	66.205.19
20	66.205.20
21	66.205.21
22	66.205.22
23	66.205.23
24	66.205.24

Charr. / F.G.	
25	66.205.25
26	66.205.26
27	66.205.27
28	66.205.28
29	66.205.29
30	66.205.30
31	66.205.31
32	66.205.32
33	66.205.33
34	66.205.34
35	66.205.35
36	66.205.36
37	66.205.37
38	66.205.38
39	66.205.39
40	66.205.40

GUYON
66.205.08 - 66.205.40
27 cm



Charr. / F.G.	
8	66.211.08
10	66.211.10
12	66.211.12
14	66.211.14
16	66.211.16
18	66.211.18
20	66.211.20
22	66.211.22
24	66.211.24

66.211.08 - 66.211.24
15.5 cm



Charr. / F.G.	
8	66.213.08
10	66.213.10
12	66.213.12
14	66.213.14
16	66.213.16
18	66.213.18
20	66.213.20
22	66.213.22
24	66.213.24

66.213.08 - 66.213.24
15.5 cm



Charr. / F.G.	
8	66.219.08
10	66.219.10
12	66.219.12
14	66.219.14
16	66.219.16
18	66.219.18
20	66.219.20
22	66.219.22
24	66.219.24

COXETER
66.219.08 - 66.219.24



Charr. / F.G.

8	**66.223.08**
9	**66.223.09**
10	**66.223.10**
11	**66.223.11**
12	**66.223.12**
13	**66.223.13**
14	**66.223.14**
15	**66.223.15**
16	**66.223.16**
17	**66.223.17**
18	**66.223.18**

Charr. / F.G.

19	**66.223.19**
20	**66.223.20**
21	**66.223.21**
22	**66.223.22**
23	**66.223.23**
24	**66.223.24**
25	**66.223.25**
26	**66.223.26**
27	**66.223.27**
28	**66.223.28**
29	**66.223.29**
30	**66.223.30**

DITTEL
66.223.08 - 66.223.30
35 cm



66.221.00
set complete

Charr. / F.G.

12	**66.221.12**
14	**66.221.14**
16	**66.221.16**
18	**66.221.18**
20	**66.221.20**
22	**66.221.22**
24	**66.221.24**
26	**66.221.26**
28	**66.221.28**
30	**66.221.30**
32	**66.221.32**
34	**66.221.34**
36	**66.221.36**
38	**66.221.38**

WALTHER
66.221.00 - 66.221.38

66.220.00
set complete



Charr. / F.G.

6	**66.220.06**
7	**66.220.07**
8	**66.220.08**
9	**66.220.09**
10	**66.220.10**
11	**66.220.11**
12	**66.220.12**
13	**66.220.13**
14	**66.220.14**
15	**66.220.15**
16	**66.220.16**
17	**66.220.17**

Charr. / F.G.

18	**66.220.18**
19	**66.220.19**
20	**66.220.20**
21	**66.220.21**
22	**66.220.22**
23	**66.220.23**
24	**66.220.24**
25	**66.220.25**
26	**66.220.26**
27	**66.220.27**
28	**66.220.28**
29	**66.220.29**
30	**66.220.30**

DITTEL
66.220.00 - 66.220.30
35 cm

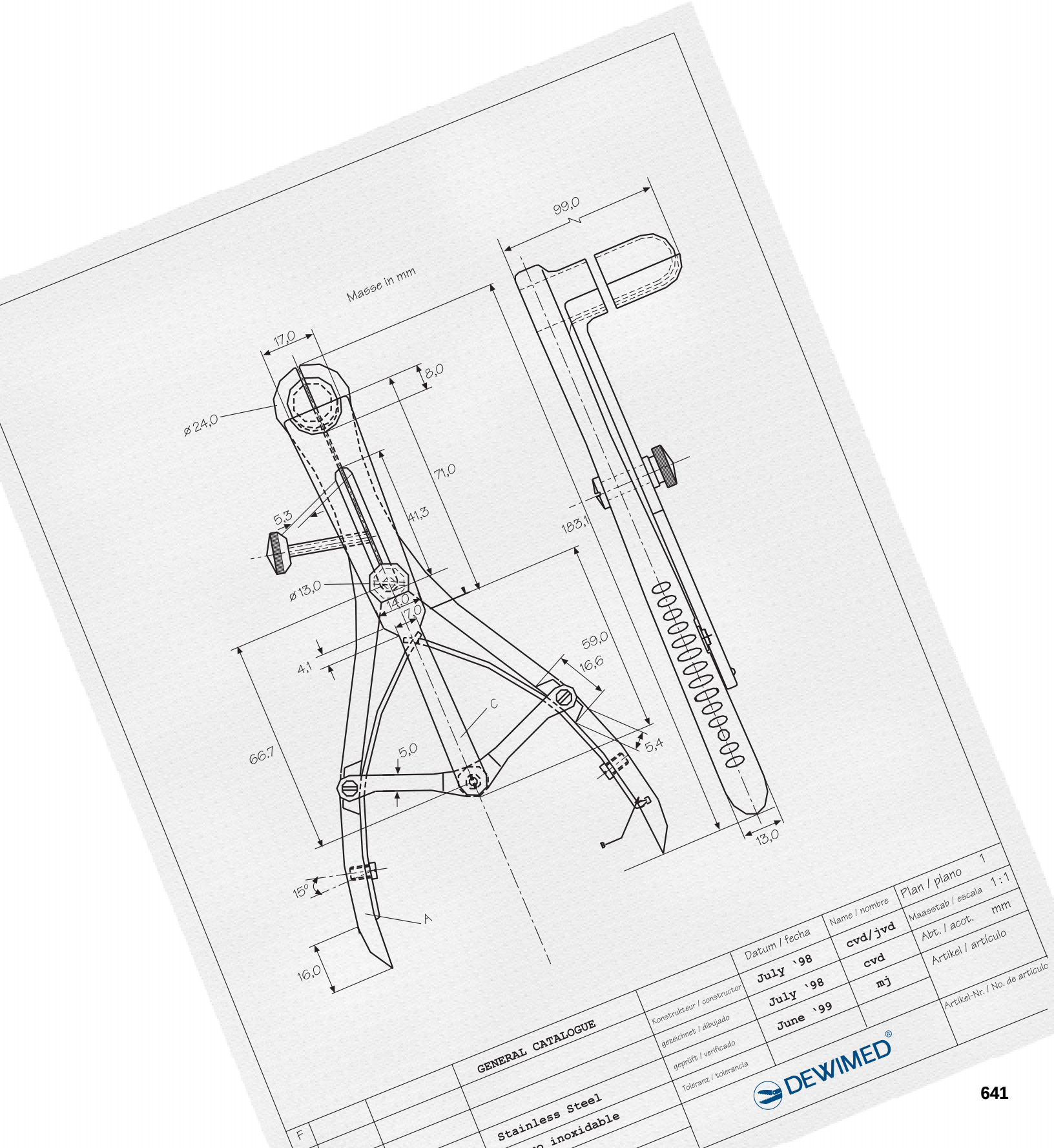


Heinrich Kullmaner and Albrecht Meher
16th century

Short - robed surgeon catheterizes a patient
... to relieve urinary obstruction, usually due to stones, but the spread of syphilis in the 16th century dramatically increased the problem of obstruction.

Cirujano cateteriza a un paciente
... para liberar la obstrucción urinaria, por lo general causada por cálculos. Sin embargo la propagación de sífilis en el siglo XVI aumentó dramáticamente el problema de la obstrucción en las vías urinarias.

Kurzgekleideter Chirurg katheterisiert Patient
... um die Harnabflussbehinderung zu heilen, die durch Blasen- oder Nierensteine entstehen kann. Jedoch ist aufgrund der Syphilis-Ausbreitung im 16. Jahrhundert das Problem der Harnobstruktion dramatisch gestiegen.


Masse in mm
99,0
17,0
8,0
ø 24,0
71,0
41,3
5,3
183,1
ø 13,0
14,0
17,0
4,1
59,0
16,6
C
66,7
5,0
5,4
13,0
15°
A
16,0
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
Stainless Steel
DEWIMED®



CZERNY
68.105.22
22 cm



SIMS
68.110.15
15 cm



BODENHAMMER
68.115.15
15 cm

SIMS
68.117.15
cold light
15 cm



PRATT
68.121.00
20.5 cm



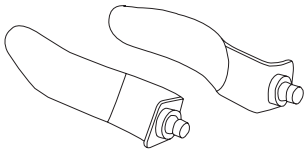
BARR
68.125.17
70 x 22 mm
17 cm



MATHIEU
68.130.19
90 x 15 mm
19.5 cm



ALAN PARKS
68.147.00
complete
13.5 cm



68.147.09
left
68.147.15
right
150 mm

ALAN PARKS
68.148.00
cold light attachment
for 68.147.00



SMITH BUIE
68.150.15
75 x 23 mm
15 cm



STRAUSS
68.160.00
complete
STRAUSS
68.161.00
cold light
complete

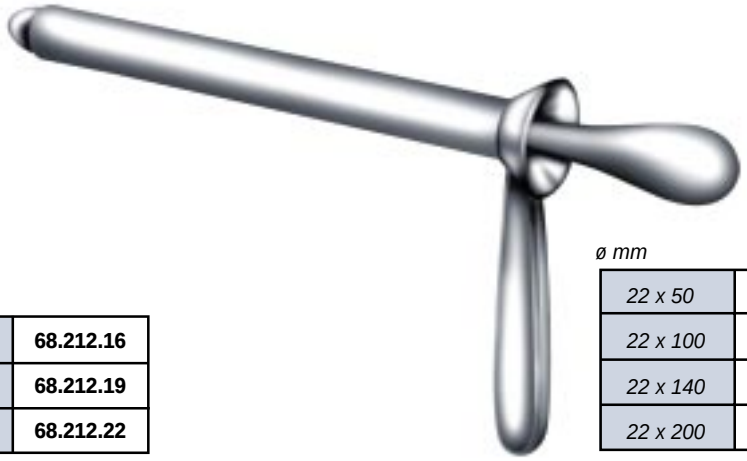


IVES FANSLER
68.210.22
ø 22 mm
L=80 mm



ø mm	
16	**68.212.16**
19	**68.212.19**
22	**68.212.22**

HIRSCHMANN
68.212.16 - 68.212.22
L= 65 mm



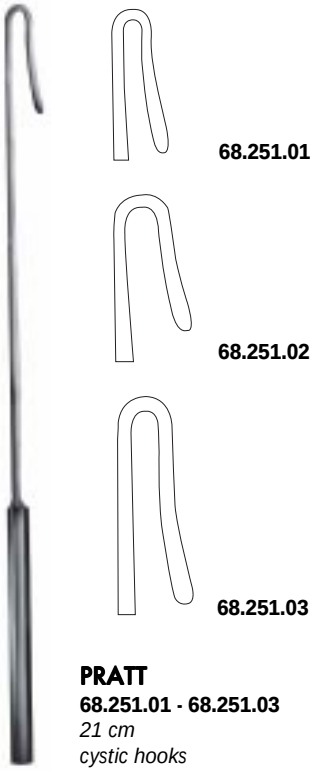
ø mm	
22 x 50	**68.220.05**
22 x 100	**68.220.10**
22 x 140	**68.220.14**
22 x 200	**68.220.20**

KELLY
68.220.05 - 68.220.20



ø mm	
21	**68.224.21**
27	**68.224.27**

KELLY
68.224.21 - 68.224.27
L = 50 mm



68.251.01

68.251.02

68.251.03

PRATT
68.251.01 - 68.251.03
21 cm
cystic hooks



68.253.24
24 cm



BUIE
68.261.41
41 cm



WESTON
68.263.30
30 cm

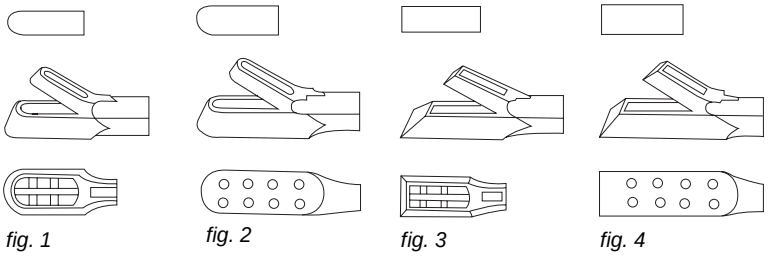
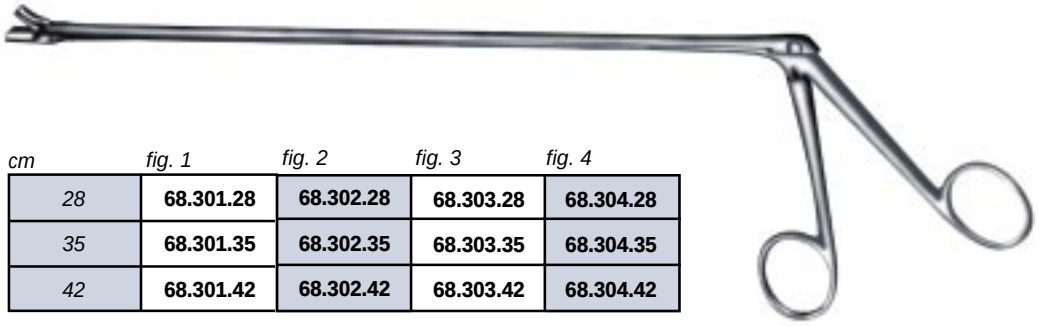


fig. 1 *fig. 2* *fig. 3* *fig. 4*



cm	*fig. 1*	*fig. 2*	*fig. 3*	*fig. 4*
28	**68.301.28**	**68.302.28**	**68.303.28**	**68.304.28**
35	**68.301.35**	**68.302.35**	**68.303.35**	**68.304.35**
42	**68.301.42**	**68.302.42**	**68.303.42**	**68.304.42**

YEOMAN
68.301.28 - 68.304.42
biopsy specimen forceps



cm	
23	**68.311.23**
33	**68.311.33**
40	**68.311.40**

YEOMAN
68.311.23 - 68.311.40
rotatable



cm	
23	**68.321.23**
33	**68.321.33**
40	**68.321.40**

TURREL
68.321.23 - 68.321.40
rotatable



HEYWOOD SMITH
68.402.21
21 cm



68.420.00
haemorrhoidal ligator complete
68.420.01
only



68.420.02
loading cone



68.420.03
10 x 11 mm
68.420.04
10 x 16 mm



McGIVNEY
68.430.00
ligator



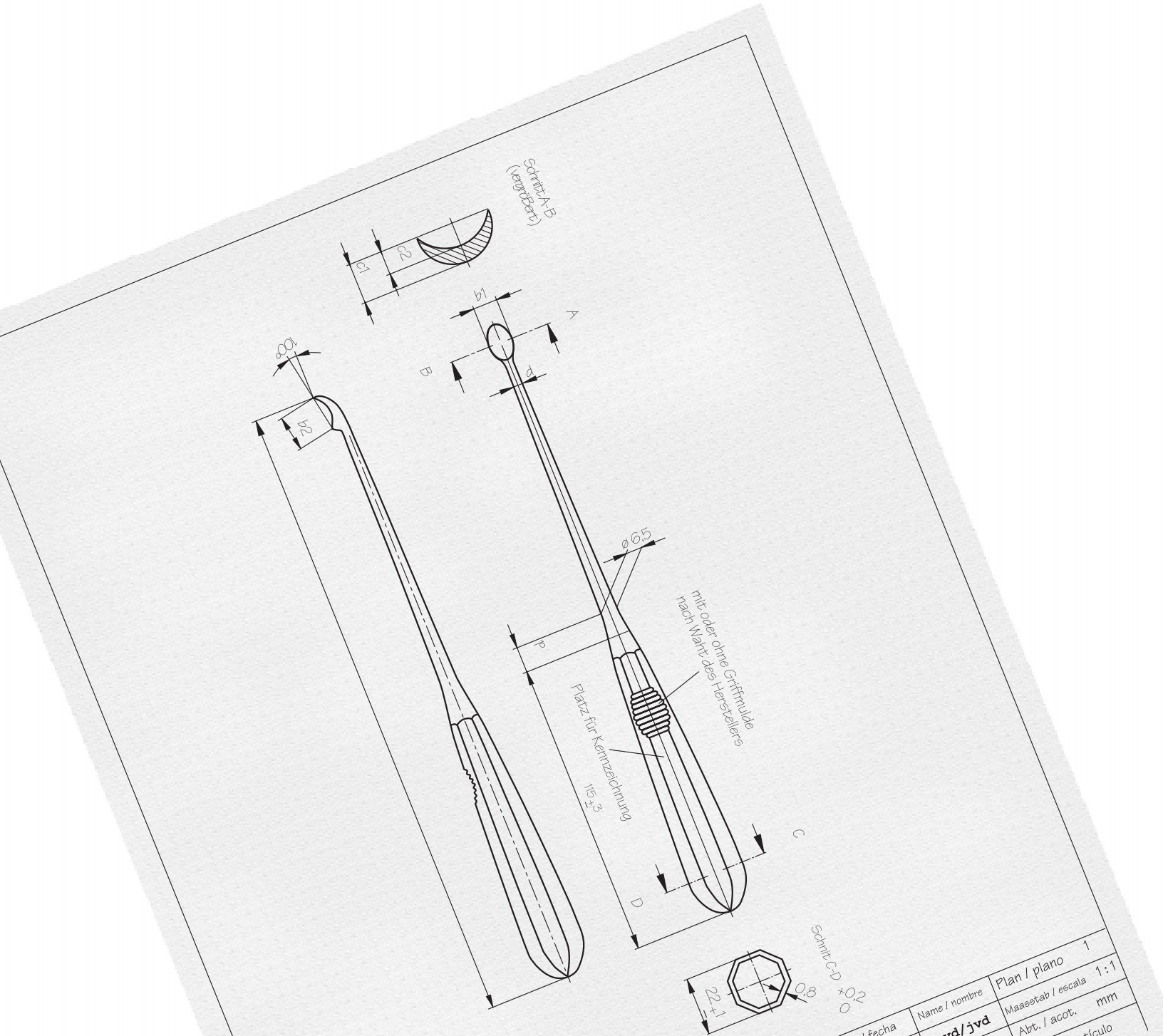
RUDD
68.432.00
31.5 cm



68.433.00



McGIVNEY
68.439.19
19 cm



		GENERAL CATALOGUE	Konstrukteur / constructor	Datum / fecha	Name / nombre	Plan / plano 1	
			gezeichnet / dibujado	July '98	cvd/jvd	Maasstab / escala 1:1	
			geprüft / verificado	July '98	cvd	Abt. / acot. mm	
		Stainless Steel	Toleranz / tolerancia	June '99	mj	Artikel / artículo	
F		Acero inoxidable				Artikel-Nr. / No. de artíc	

DEWIMED®



GRAVE

mm	standard	laser
75 x 20	**70.110.01**	
95 x 35	**70.110.02**	**70.114.02**
115 x 35	**70.110.03**	**70.114.03**



PEDERSON
mm

75 x 13	**70.120.01**
100 x 22	**70.120.02**
120 x 25	**70.120.03**

PEDERSON
70.122.10
100 x 16 mm



COLLIN
70.130.01 - 70.130.03
mm

85 x 30	**70.130.01**
100 x 35	**70.130.02**
110 x 40	**70.130.03**



COLLIN
70.131.00
65 x 20 mm



COLLIN
70.132.00
65 x 10 mm



CUSCO

mm	standard	laser
80 x 24	**70.140.00**	
75 x 32	**70.140.01**	
85 x 35	**70.140.02**	**70.144.02**
100 x 35	**70.140.03**	**70.144.03**



CUSCO
70.142.00
75 X 17 mm



central scew

CUSCO
70.150.00 - 70151.01

mm

80 x 24	**70.150.00**
75 x 32	**70.150.01**
85 x 36	**70.150.02**
95 x 37	**70.150.03**
110 x 37	**70.150.04**
75 x 17	**70.151.00**



CUSCO
70.152.01 - 70.152.03

mm

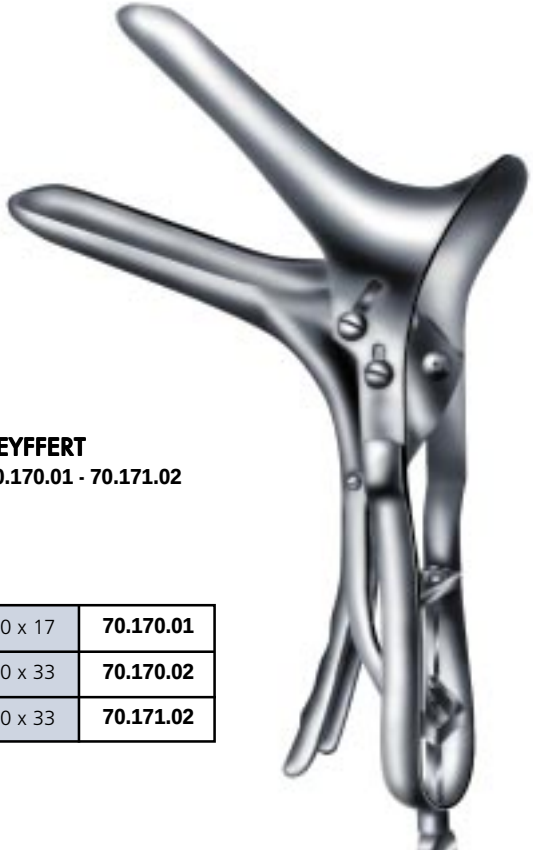
80 x 32	**70.152.01**
90 x 37	**70.152.02**
115 x 37	**70.152.03**



CUSCO
70.160.01 - 70.160.03
swiss pattern

mm

90 x 23 - 25	**70.160.01**
100 x 25 - 27	**70.160.02**
110 x 27 - 30	**70.160.03**



SEYFFERT
70.170.01 - 70.171.02

mm

100 x 17	**70.170.01**
110 x 33	**70.170.02**
110 x 33	**70.171.02**



TRELAT
70.180.01 - 70.180.03

mm

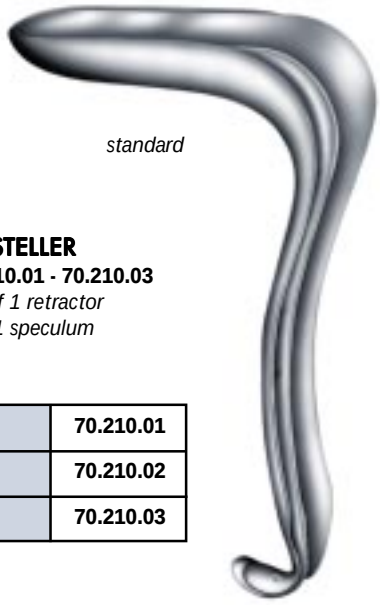
85 x 33	**70.180.01**
95 x 35	**70.180.02**
115 x 43	**70.180.03**



SEMM
70.190.01
100 mm / 17 - 20 mm
70.190.02
100 mm / 25 - 30 mm



O'SULLIVAN O'CONNOR
70.196.00

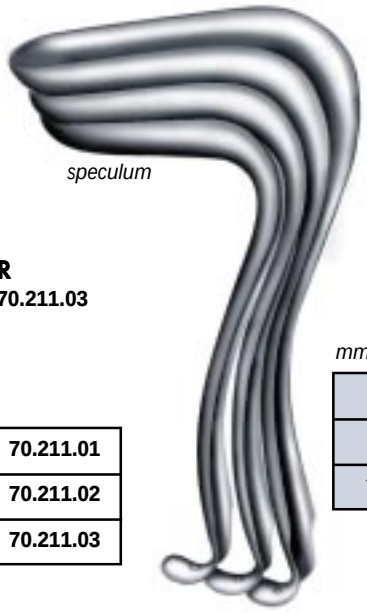


standard

KRISTELLER
70.210.01 - 70.210.03
set of 1 retractor
and 1 speculum

fig

1	**70.210.01**
2	**70.210.02**
3	**70.210.03**

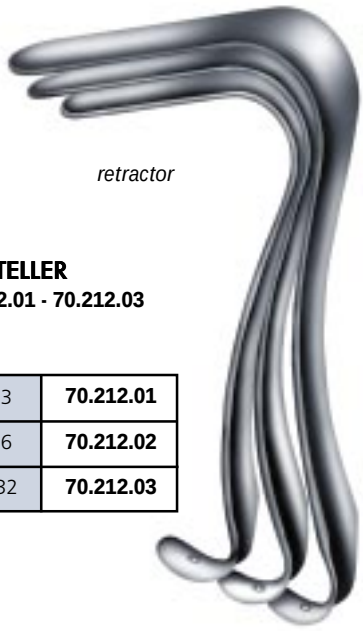


speculum

KRISTELLER
70.211.01 - 70.211.03

mm

70 x 27	**70.211.01**
80 x 30	**70.211.02**
90 x 36	**70.211.03**



retractor

KRISTELLER
70.212.01 - 70.212.03

mm

75 x 23	**70.212.01**
85 x 26	**70.212.02**
100 x 32	**70.212.03**



KRISTELLER
70.220.01
fig 1
70.220.02
fig 2

set of 1 retractor
and 1 speculum



speculum

KRISTELLER
70.221.01
105 x 18 mm
70.221.02
105 x 21 mm



retractor

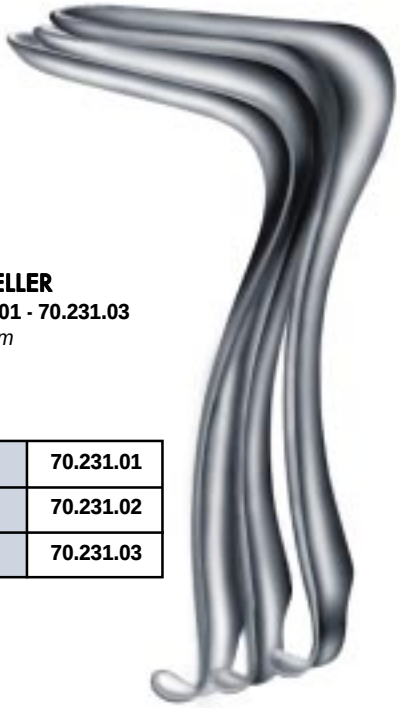
KRISTELLER
70.222.01
110 x 14 mm
70.222.02
115 x 17 mm



KRISTELLER
70.230.01 - 70.230.03
set of 1 retractor
and 1 speculum

fig

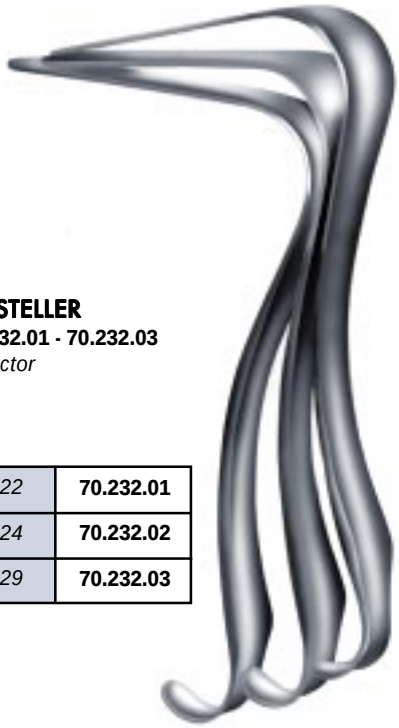
1	**70.230.01**
2	**70.230.02**
3	**70.230.03**



KRISTELLER
70.231.01 - 70.231.03
speculum

mm

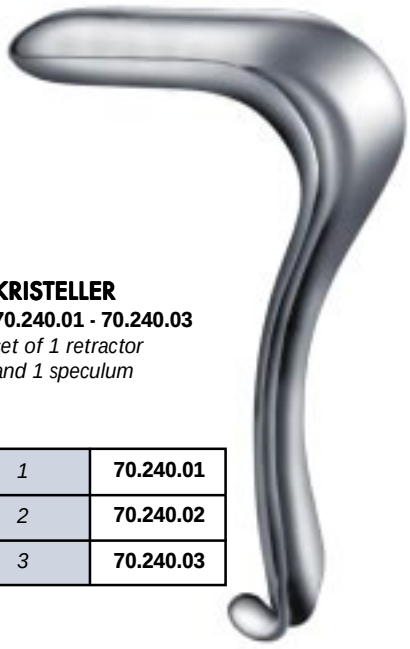
105 x 26	**70.231.01**
105 x 28	**70.231.02**
105 x 33	**70.231.03**



KRISTELLER
70.232.01 - 70.232.03
retractor

mm

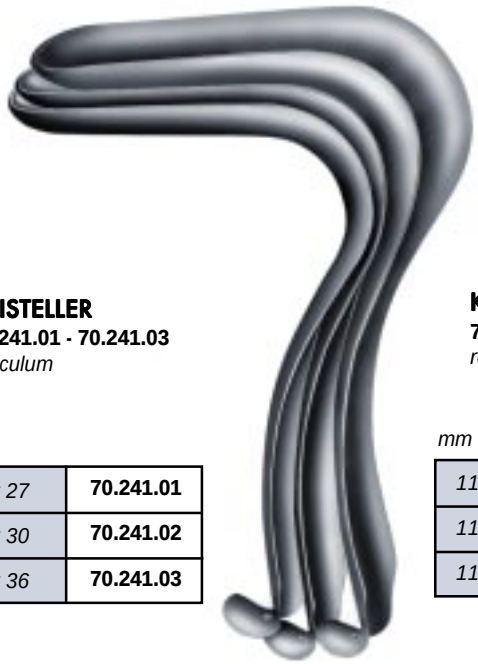
115 x 22	**70.232.01**
115 x 24	**70.232.02**
115 x 29	**70.232.03**



KRISTELLER
70.240.01 - 70.240.03
set of 1 retractor
and 1 speculum

fig

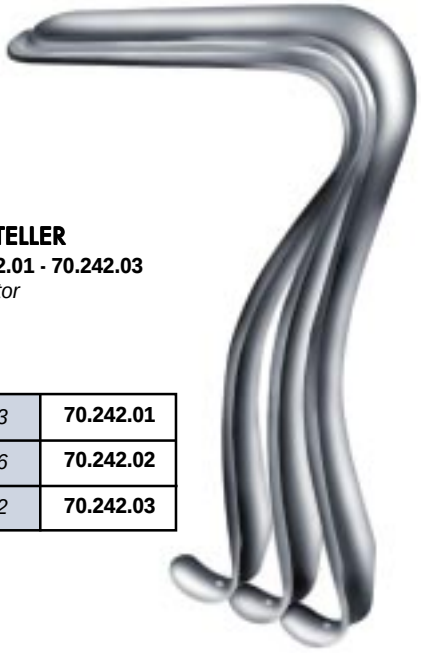
1	**70.240.01**
2	**70.240.02**
3	**70.240.03**



KRISTELLER
70.241.01 - 70.241.03
speculum

mm

110 x 27	**70.241.01**
110 x 30	**70.241.02**
110 x 36	**70.241.03**



KRISTELLER
70.242.01 - 70.242.03
retractor

mm

115 x 23	**70.242.01**
115 x 26	**70.242.02**
115 x 32	**70.242.03**



KRISTELLER
70.244.00
70 x 15 mm



KRISTELLER
70.245.00
speculum
70 x 15 mm
70.246.00
retractor
70 x 15 mm



extra large pattern

KRISTELLER
70.252.00
140 x 30 mm

KRISTELLER
70.251.00
135 x 36 mm

KRISTELLER
70.250.00
set

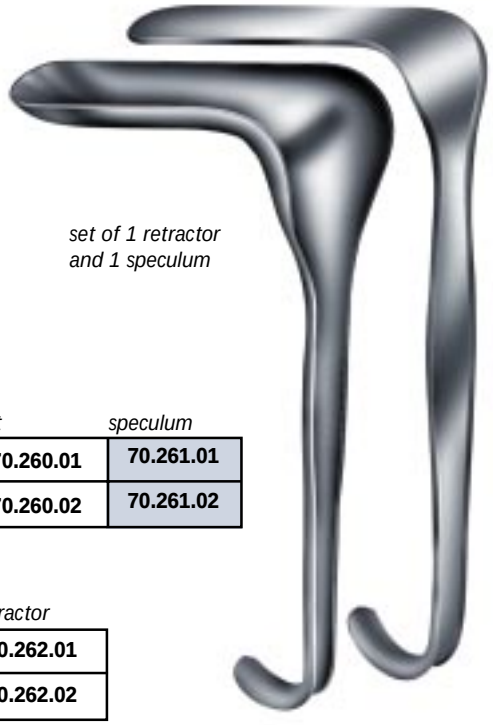


SEIDL
70.258.08 - 70.258.14

70.258.08
80 x 8 mm

70.258.10
80 x 10 mm

70.258.14
90 x 14 mm

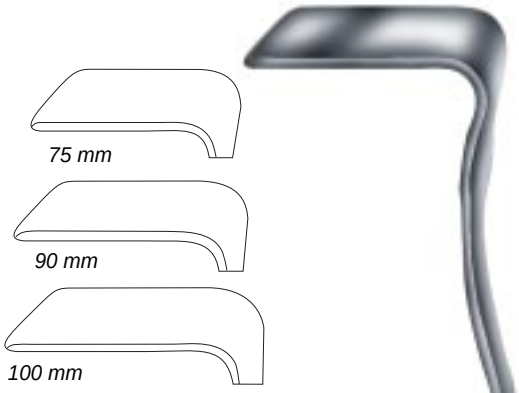


set of 1 retractor and 1 speculum

mm	*set*	*speculum*
70 x 40	**70.260.01**	**70.261.01**
90 x 40	**70.260.02**	**70.261.02**

mm	*retractor*
70 x 33	**70.262.01**
90 x 33	**70.262.02**

KALLMORGEN
70.260.01 - 70.262.02



mm

75 x 38	**70.271.01**
90 x 38	**70.271.02**
100 x 38	**70.271.03**

JACKSON
70.271.01 - 70.271.03

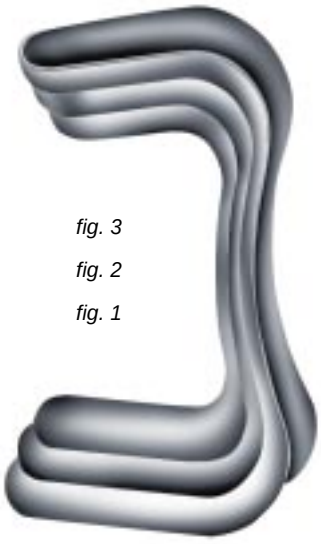


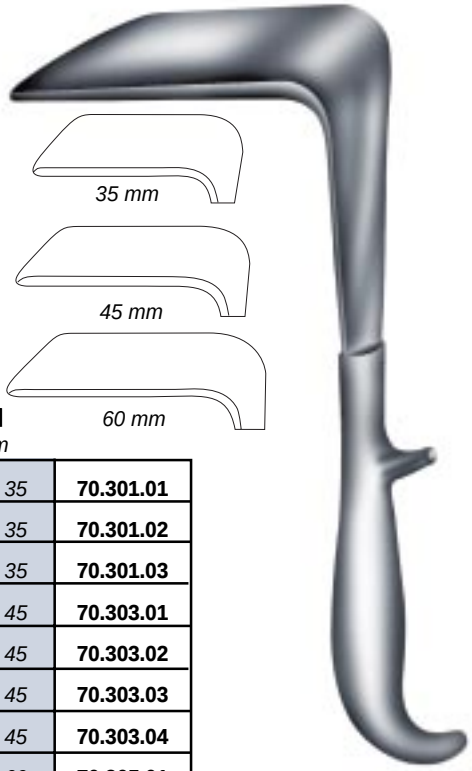
small	**70.281.01**
medium	**70.281.02**
large	**70.281.03**

SIMS
70.281.01 - 70.281.03

SIMS

set	**70.291.00**
fig. 1	**70.291.01**
fig. 2	**70.291.02**
fig. 3	**70.291.03**





DOYEN
mm x mm

55 x 35	**70.301.01**
85 x 35	**70.301.02**
115 x 35	**70.301.03**
55 x 45	**70.303.01**
85 x 45	**70.303.02**
115 x 45	**70.303.03**
160 x 45	**70.303.04**
55 x 60	**70.305.01**
85 x 60	**70.305.02**
115 x 60	**70.305.03**
160 x 60	**70.305.04**



AUVARD
70.307.00
detachable weight
70.309.00
fixed weight



AUVARD
70.309.25



BREISKY
70.310.20 - 70.315.40

mm x mm

100 x 20	**70.310.20**
100 x 25	**70.310.25**
100 x 30	**70.310.30**
100 x 35	**70.310.35**
100 x 40	**70.310.40**
130 x 20	**70.313.20**
130 x 25	**70.313.25**
130 x 30	**70.313.30**
130 x 35	**70.313.35**
130 x 40	**70.313.40**
155 x 40	**70.315.40**



LANDAU
70.319.28
100 x 28 mm
70.319.38
100 x 38 mm



FRIEDMANN
70.351.10
10 cm



KOGAN
70.360.24
standard 24 cm
70.364.24
laser 24 cm

KOGAN
70.366.24
laser 2 / 4 mm
70.366.48
laser 4 / 8 mm



HEGAR
70.410 01 - 70.415.16

70.404.14
set 70.410.04 - 70.410.17
14 pieces
70.404.26
set 70.410.01 - 70410.26
26 pieces

mm	
1.0	**70.410.01**
1.5	**70.415.01**
2.0	**70.410.02**
2.5	**70.415.02**
3.0	**70.410.03**
3.5	**70.415.03**
4.0	**70.410.04**
4.5	**70.415.04**
5.0	**70.410.05**
5.5	**70.415.05**
6.0	**70.410.06**
6.5	**70.415.06**
7.0	**70.410.07**
7.5	**70.415.07**
8.0	**70.410.08**
8.5	**70.415.08**
9.0	**70.410.09**
9.5	**70.415.09**
10.0	**70.410.10**
10.5	**70.415.10**
11.0	**70.410.11**
11.5	**70.415.11**
12.0	**70.410.12**
12.5	**70.415.12**
13.0	**70.410.13**
13.5	**70.415.13**
14.0	**70.410.14**
14.5	**70.415.14**
15.0	**70.410.15**
15.5	**70.415.15**



HEGAR
70.405.14
set 14 pieces

mm	
16.0	**70.410.16**
16.5	**70.415.16**
17.0	**70.410.17**
18.0	**70.410.18**
19.0	**70.410.19**
20.0	**70.410.20**
21.0	**70.410.21**
22.0	**70.410.22**
23.0	**70.410.23**
24.0	**70.410.24**
25.0	**70.410.25**
26.0	**70.410.26**
27.0	**70.410.27**
28.0	**70.410.28**
29.0	**70.410.29**
30.0	**70.410.30**



HEGAR
70.406.14
set 14 pieces 4 - 17 mm
70.406.26
set 26 pieces 1 - 26 mm



HEGAR

70.424.08
set 8 pieces *70.420.03 - 70.420.17*

70.424.13
set 13 pieces 70.420.01 - 70.420.25

mm

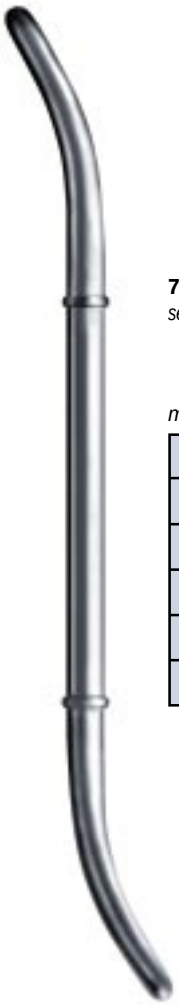
1/2	**70.420.01**
3/4	**70.420.03**
5/6	**70.420.05**
7/8	**70.420.07**
9/10	**70.420.09**
11/12	**70.420.11**
13/14	**70.420.13**
15/16	**70.420.15**
17/18	**70.420.17**
19/20	**70.420.19**
21/22	**70.420.21**
23/24	**70.420.23**
25/26	**70.420.25**



HEGAR
70.425.08
8 pieces 3/4 - 17/18 mm



HEGAR
70.426.08
8 pieces 3/4 - 17/18 mm
70.426.13
13 pieces 1/2 - 25/26 mm



70.435.06
set 6

mm/cm *fig/U. S.*

4.5 / 5	**70.430.10**	*9 / 10*
5.5 / 6	**70.430.12**	*11 / 12*
6.5 / 7	**70.430.14**	*13 / 14*
7.5 / 8	**70.430.16**	*15 / 16*
8.5 / 9	**70.430.18**	*17 / 18*
9.5 / 10	**70.430.20**	*19 / 20*

HANK
70.430.10 - 70.430.20



HANK
70.436.08
set 6
with bag



GOODELL
70.441.34
34 cm



WYLIE
70.443.29
29 cm



SIMS
70.445.29
29 cm



charr. FG

13 / 15	**70.447.13**
17 / 19	**70.447.17**
21 / 23	**70.447.21**
25 / 27	**70.447.25**
29 / 31	**70.447.29**
33 / 35	**70.447.33**
37 / 39	**70.447.37**
41 / 43	**70.447.41**

PRATT
70.447.13 - 70.447.41

PRATT
70.447.08
set 8



SCHROEDER
70.502.25
25 cm



BRAUN
70.504.25
25 cm



SKENE
70.505.24
24 cm



POZZI
70.506.25
25 cm



DUPLAY
70.507.28
28 cm



STAUDE MOORE
70.508.17
17 cm

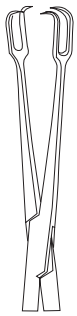


BARRETT
70.510.18
18 cm



JARCHO
70.512.20
20 cm



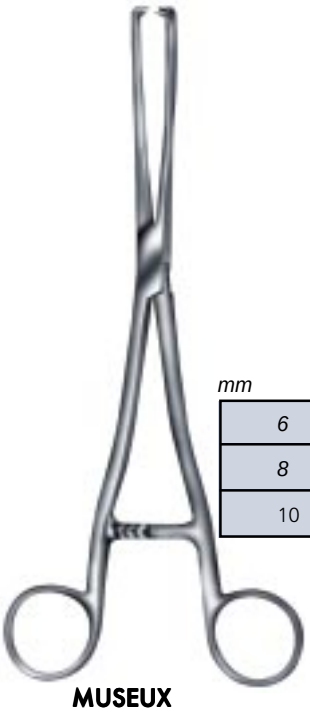


70.514.24



70.515.24

SCHROEDER
70.514.24 - 70.515.24
2 x 2 teeth





mm

6	**70.524.06**	**70.525.06**
8	**70.524.08**	**70.525.08**
10	**70.524.10**	**70.525.10**

MUSEUX
70.524.06 - 70.525.10
2 x 2 teeth
24 cm

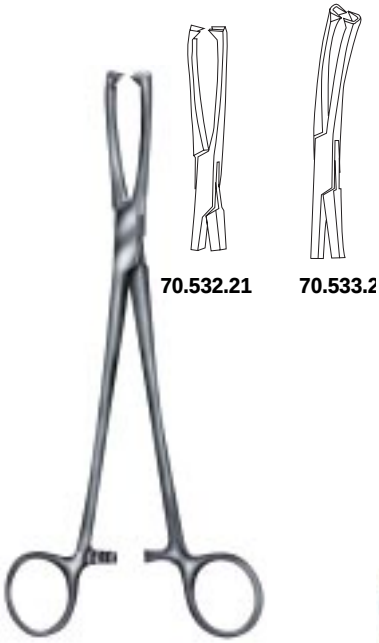


TEALE
70.526.20
4 x 3 teeth 10 mm
23 cm





TEALE
70.531.23
23 cm



JACOBS
70.532.21 - 70.533.21
21 cm



PRATT
70.536.28
28 cm



IOWA
70.539.26
26 cm



NOTO
70.540.27
27 cm



DOYEN
70.542.20
20 cm



KELLY
70.543.32
32 cm



DARTIGUES
70.545.27
27 cm



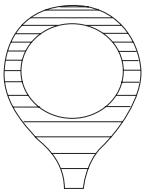
SOMER
70.547.23
23 cm



COLLIN
70.549.25
25 cm



COLLIN
70.550.28
28 cm



BUMM
70.552.28
28 cm



BEACHAM
70.559.26
26 cm



BRAUN
70.565.28
28 cm



SIMS
70.567.26
26 cm



SIMS
70.580.32
rigid
70.581.32
malleable



MARTIN
70.582.32
rigid
70.583.32
malleable



COLLIN
70.584.28
28 cm



RANDALL
70.590.04
24 cm / 4 mm





mm

1	**70.592.01**
2	**70.592.02**
3	**70.592.03**
4	**70.592.04**

NOVAK
70.592.01 - 70.592.04
23 cm



KEVORKIAN
70.594.12
30 cm
1.2 mm
70.594.40
30 cm
4 mm





70.596.05
5 mm



70.596.06
6 mm



70.596.07
7 mm



70.596.08
8 mm

KELLY GRAY
70.596.05 - 70.596.08
24 cm



KEVORKIAN
70.596.40
30 cm



FAURE
70.601.21
21 cm



SCHUBERT
70.604.21
21 cm
70.604.28
28 cm



SCHUBERT
70.605.26
26 cm



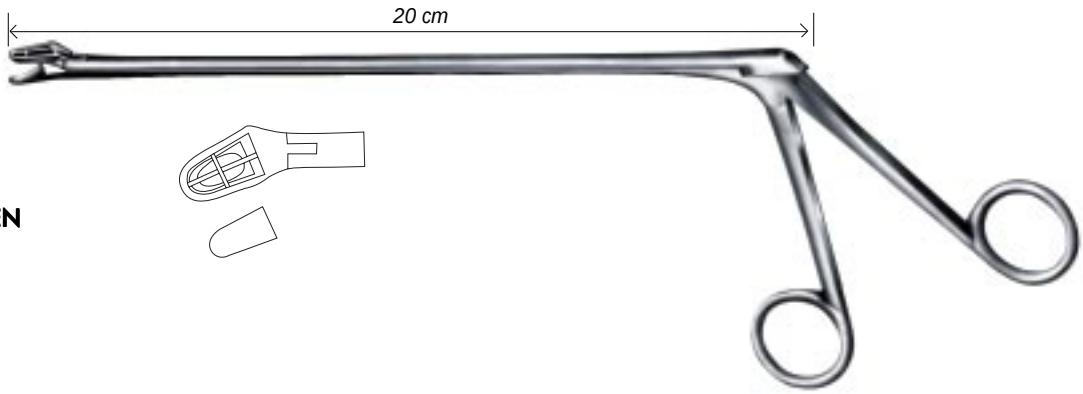
THOMS GAYLOR
70.606.24
24 cm



GELLHORN
70.609.23
23 cm



VAN DOREN
70.611.25
25 cm



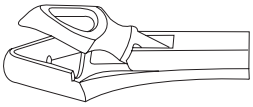
ALEXANDER
70.613.28
28 cm



70.615.01

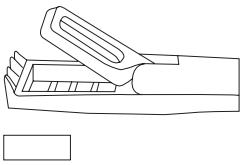


70.615.02





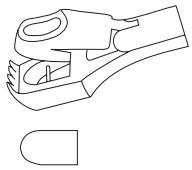
SCHUMACHER
70.615.01 - 70.615.02
24 cm



3 x 9.7 mm



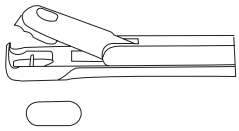
KEVORKIAN
70.617.04
24.5 cm



4 x 8 mm



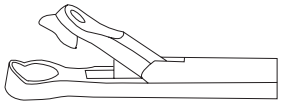
WITTNER
70.618.23
straight
70.619.23
curved



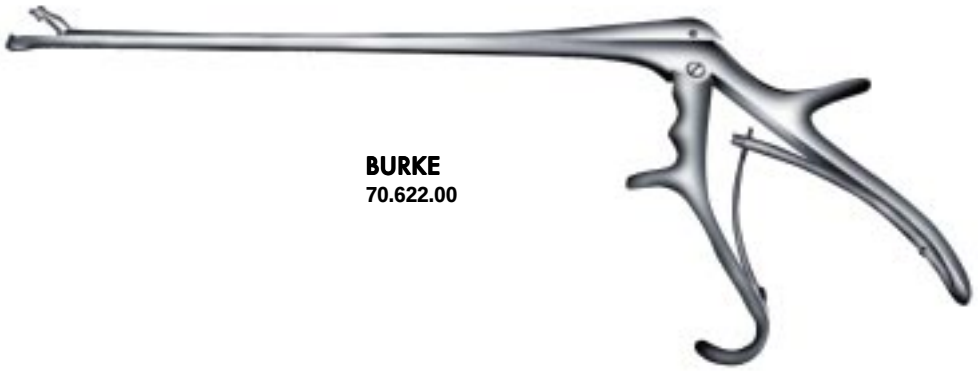
3 x 7 mm



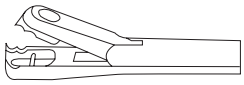
TISCHLER MORGAN
70.621.01



7 x 5 mm



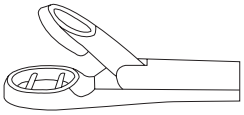
BURKE
70.622.00



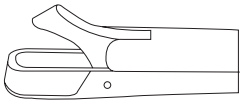
TISCHLER Morgan
fig 1



TOWNSEND
70.624.01 - 70.624.15

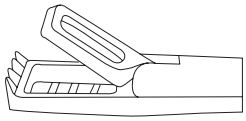


3.7 x 5 mm
fig 3

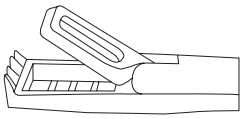


mini
fig 5

fig	*complete*	*tip only*
1	**70.624.01**	**70.624.11**
3	**70.624.03**	**70.624.13**
4	**70.624.04**	**70.624.14**
5	**70.624.05**	**70.624.15**



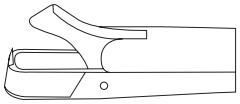
KEVORKIAN
fig 4



3 x 8 mm



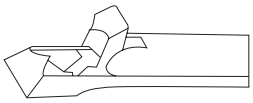
KEVORKIAN PACIFIC
70.625.04



2.3 x 4.2 m m



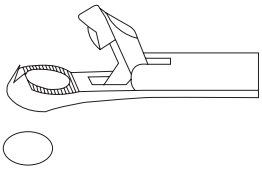
TOWNSEND mini
70.626.00



3 x 9.5 mm



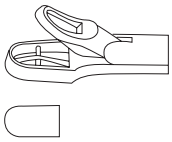
TISCHLER KEVORKIAN
70.627.00



4 x 6.5 mm



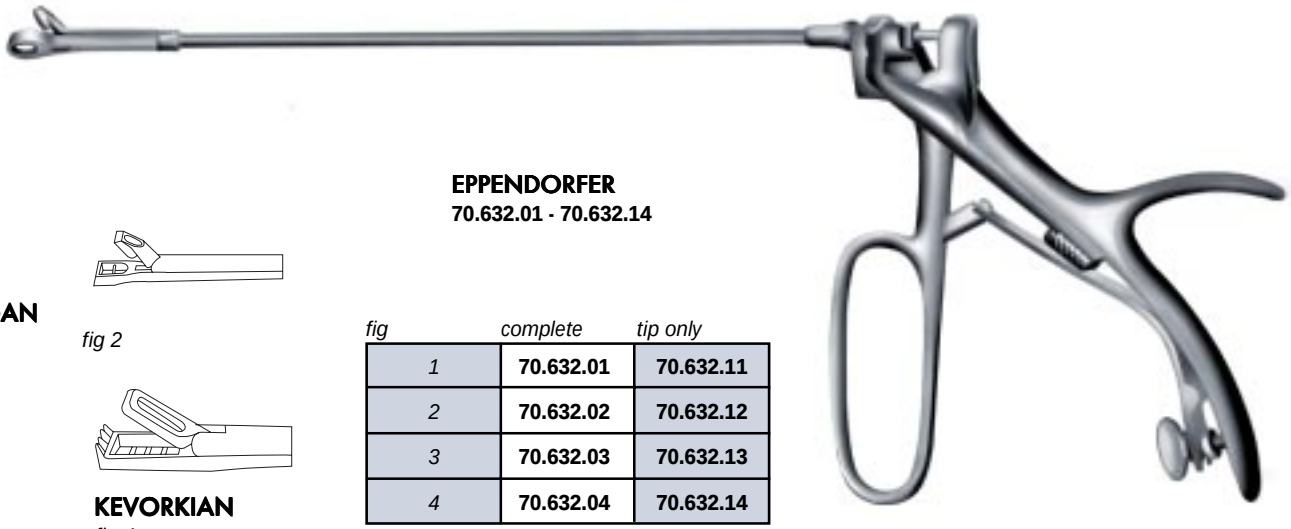
BAGGISH
70.628.00



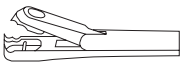
4 x 8 mm



EPPENDORFER
70.630.00



EPPENDORFER
70.632.01 - 70.632.14



TISCHLER MORGAN
fig 1

fig 2

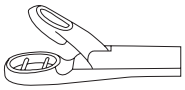


fig 3

KEVORKIAN
fig 4

fig	*complete*	*tip only*
1	**70.632.01**	**70.632.11**
2	**70.632.02**	**70.632.12**
3	**70.632.03**	**70.632.13**
4	**70.632.04**	**70.632.14**



DOYEN
70.641.17
myoma screw
17 cm



SEGOND
70.643.27
myoma knife
27 cm





70.645.01



70.645.02



70.645.03



70.645.04

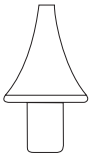


70.645.05

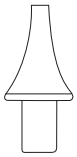
EMMET
70.645.01 - 70.645.05
fistula hooks
22 cm



70.650.13



70.650.12



70.650.11

SCHULTZE
70.650.00
complete
salpinograph



SCHROEDER
70.700.01 - 70.700.06
31 cm



fig 1



fig 2

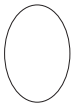


fig 3

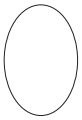


fig 4

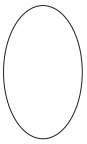


fig 5

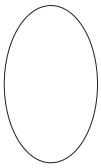


fig 6

fig	
1	**70.700.01**
2	**70.700.02**
3	**70.700.03**
4	**70.700.04**
5	**70.700.05**
6	**70.700.06**



fig 1

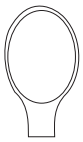


fig 2

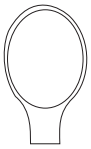


fig 3

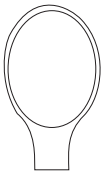


fig 4

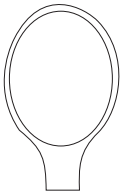


fig 5

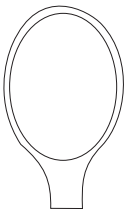


fig 6



SIMON
70.702.01 - 70.702.06
25 cm

fig

1	**70.702.01**
2	**70.702.02**
3	**70.702.03**
4	**70.702.04**
5	**70.702.05**
6	**70.702.06**



sharp

blunt

BLAKE
70.704.27
27 cm



SIMS
70.710.05 - 70.717.14
28 cm



70.710.05 - 70.717.05
5 mm



70.710.06 - 70.717.06
6 mm



70.710.07 - 70.717.07
7 mm



70.710.08 - 70.717.08
8 mm



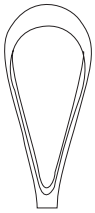
70.710.09 - 70.717.09
9 mm



70.710.11 - 70.717.11
11 mm



70.710.12 - 70.717.12
12 mm



70.710.14 - 70.717.14
6 mm

rigid /sharp	*rigid /blunt*	*malleable/sharp*	*malleable/blunt*
70.710.05	**70.712.05**	**70.715.05**	**70.717.05**
70.710.06	**70.712.06**	**70.715.06**	**70.717.06**
70.710.07	**70.712.07**	**70.715.07**	**70.717.07**
70.710.08	**70.712.08**	**70.715.08**	**70.717.08**
70.710.09	**70.712.09**	**70.715.09**	**70.717.09**
70.710.11	**70.712.11**	**70.715.11**	**70.717.11**
70.710.12	**70.712.12**	**70.715.12**	**70.717.12**
70.710.14	**70.712.14**	**70.715.14**	**70.717.14**



SIMS
70.710.05 - 70.717.14
28 cm



70.720.07 - 70.727.07
7 mm



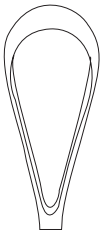
70.720.08 - 70.727.08
8 mm



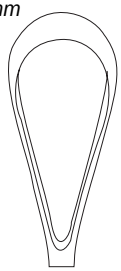
70.720.09 - 70.727.09
9 mm



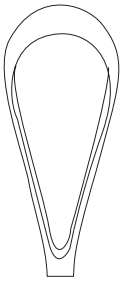
70.720.11 - 70.727.11
11 mm



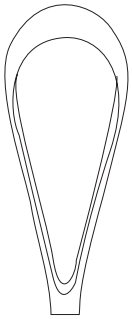
70.720.12 - 70.727.12
12 mm



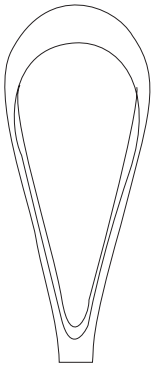
70.720.14 - 70.727.14
14 mm



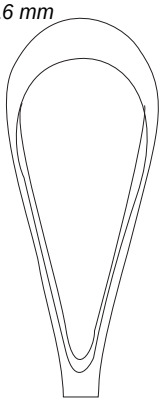
70.720.15 - 70.727.15
15 mm



70.720.16 - 70.727.16
16 mm



70.720.19 - 70.727.19
19 mm

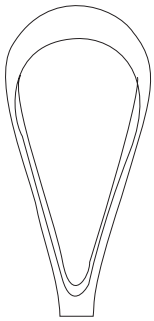


70.720.20 - 70.727.20
20 mm

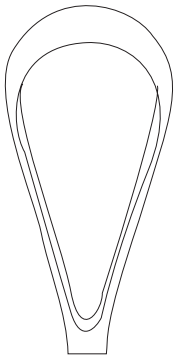
rigid /sharp	*rigid /blunt*	*malleable/sharp*	*malleable/blunt*
70.720.07	**70.722.07**	**70.725.07**	**70.727.07**
70.720.08	**70.722.08**	**70.725.08**	**70.727.08**
70.720.09	**70.722.09**	**70.725.09**	**70.727.09**
70.720.11	**70.722.11**	**70.725.11**	**70.727.11**
70.720.12	**70.722.12**	**70.725.12**	**70.727.12**
70.720.14	**70.722.14**	**70.725.14**	**70.727.14**
70.720.15	**70.722.15**	**70.725.15**	**70.727.15**
70.720.16	**70.722.16**	**70.725.16**	**70.727.16**
70.720.19	**70.722.19**	**70.725.19**	**70.727.19**
70.720.20	**70.722.20**	**70.725.20**	**70.727.20**



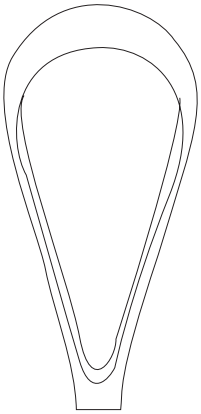
BUMM
70.730.30 - 70.737.40
28 cm



70.730.30 - 70.737.30
30 mm



70.730.35 - 70.737.35
35 mm



70.730.40 - 70.737.40
40 mm

rigid /sharp	*rigid /blunt*	*malleable/sharp*	*malleable/blunt*
70.730.30	**70.732.30**	**70.735.30**	**70.737.30**
70.730.35	**70.732.35**	**70.735.35**	**70.737.35**
70.730.40	**70.732.40**	**70.735.40**	**70.737.40**



THOMAS
70.741.01 - 70.741.06
malleable
28 cm



70.741.01



70.741.02



70.741.03



70.741.04

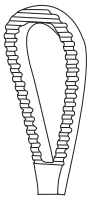


70.741.05

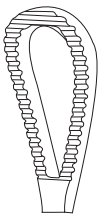


70.741.06

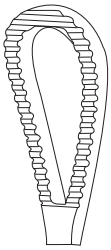




70.743.10
10 mm



70.743.12
12 mm



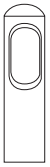
70.743.14
14 mm

GREENE
70.743.10 - 70.743.14
malleable
28 cm





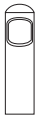
70.749.03
3.0 mm



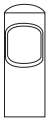
70.749.04
4.5 mm

70.749.03 - 70.749.04
28 cm

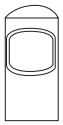




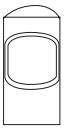
70.749.06
6.0 mm



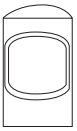
70.749.08
8.0 mm



70.749.10
10 mm



70.749.12
12 mm



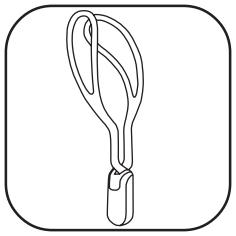
70.749.14
14 mm

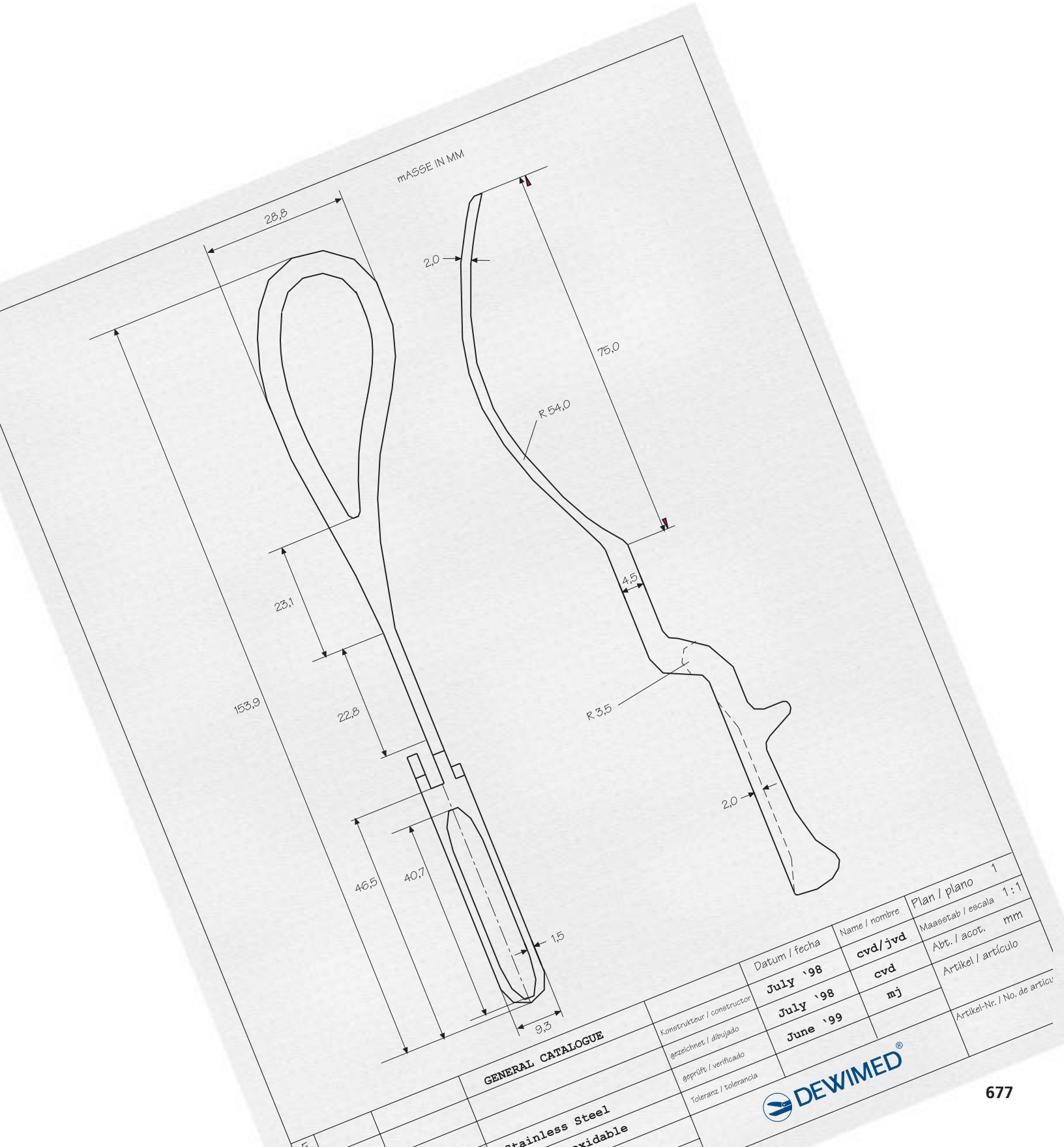


70.749.06 - 70.749.14
28 cm



70.749.50
hose connection inside
ø 11 mm
curved
Stainless Steel




MASSE IN MM
28,8
2,0
75,0
R 54,0
4,5
23,1
153,9
22,8
R 3,5
2,0
46,5
40,7
1,5
9,3
GENERAL CATALOGUE
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artícu
Stainless Steel
xidable
DEWIMED®



WRIGLEY
72.101.23
28 cm



cm

30	**72.102.30**
23	**72.103.23**

SIMPSON
72.102.30 - 72.103.23



cm

33	**72.105.33**
36	**72.105.36**

SIMPSON BRAUN
72.105.33 - 72.105.36



LEE
72.107.30
30 cm



cm

36	**72.108.36**
39	**72.108.39**

LEE
72.108.36 - 72.108.39



KIELLAND
72.110.41
41 cm



cm	
32	**72.115.32**
38	**72.115.38**

ELLIOT
72.115.32 - 72.115.38



cm	
36	**72.119.36**
40	**72.119.40**



LUIKART
72.125.40
40 cm



KIELLAND
72.127.40
40 cm



SIMPSON
72.135.36
36 cm



MCLEAN TUCKER LUIKART
72.139.40
40 cm



Mc LEAN TUCKER
72.141.39
39 cm



Mc LEAN LUIKART
72.143.39
39 cm



Mc LEAN
72.145.36
36 cm



BARTON
72.147.36
36 cm



BARTON
72.148.17
17 cm



BOERMA
72.151.29
29 cm



PIPER
72.155.44
44 cm



PIPER
72.157.40
40 cm



DEWEY
72.160.37
37 cm



TARNIER
72.162.40
40 cm



BILL
72.170.00



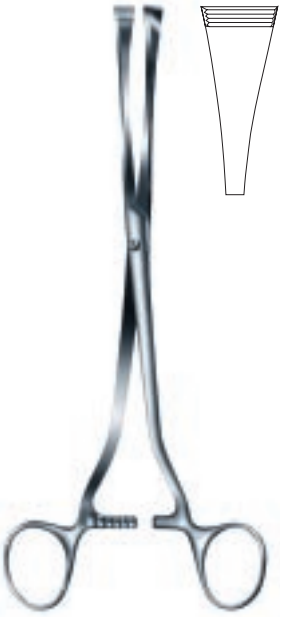
LUIKART BILL
72.171.21
21 cm



SMELLIE
72.181.33
33 cm



GAUSS
72.183.27
27 cm



GREEN ARMYTAGE
72.184.21
21 cm



COLLIN
72.187.09
9 cm



KANE
72.189.09
8.5 cm



MARTIN
72.191.34
34 cm



COLLYER
72.193.30
30 cm



COLLIN
72.195.35
35 cm





cm

27	**72.242.27**
27	**72.243.27**

SAENGER
72.242.27 - 72.243.27
27 cm



WINTER
72.244.01 - 72.245.03
28 cm



fig. 1



fig. 2

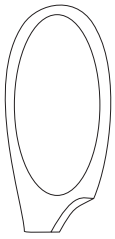


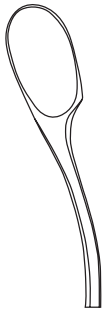
fig. 3

cm

fig 1	**72.244.01**	**72.245.01**
fig 2	**72.244.02**	**72.245.02**
fig 3	**72.244.03**	**72.245.03**





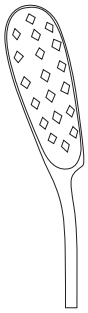


72.247.02 72.247.03

WINTER
72.247.02 - 72.247.03
28 cm

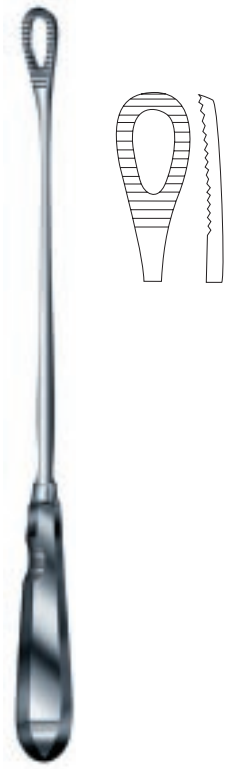






72.248.24 72.249.24

LEWKOWITZ
72.248.24 - 72.249.24
24.5 cm



PESTALOZZA
72.252.30
30 cm





72.254.14 72.254.18 72.254.21



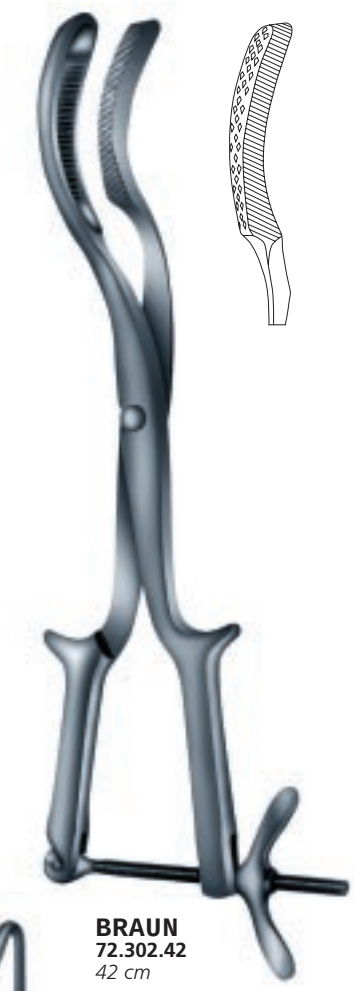
CUZZI
72.254.14 - 72.254.21
30 cm



WALLICH
72.256.42
42 cm



SELLHEIM
72.259.28
28 cm



BRAUN
72.302.42
42 cm



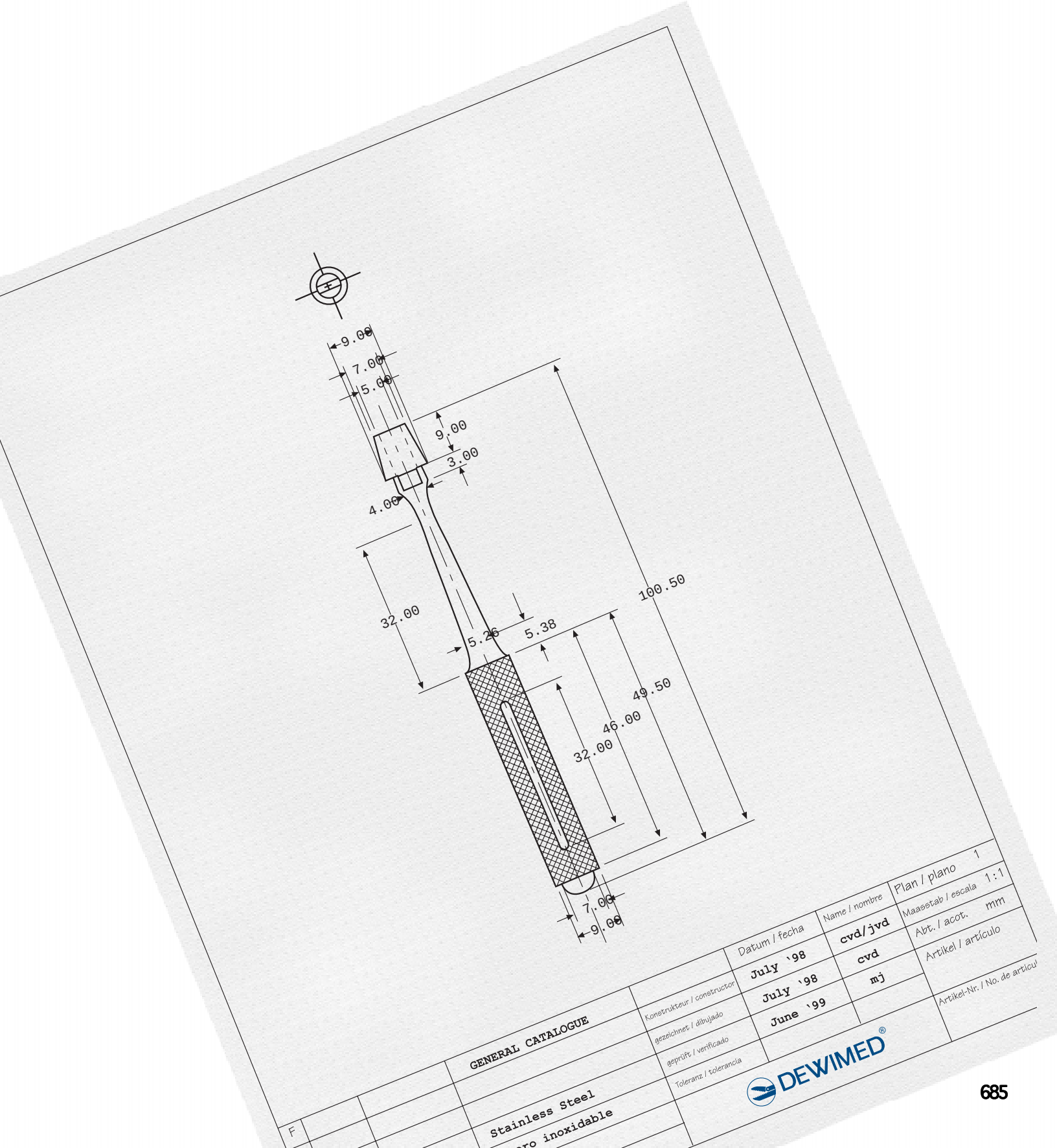
TARNIER
72.304.46
46 cm



SMELLIE
72.306.25
25 cm



BRAUN
72.309.30
30 cm


9.00
7.00
5.00
9.00
3.00
4.00
32.00
5.26
5.38
100.50
49.50
46.00
32.00
7.00
9.00
GENERAL CATALOGUE
Stainless Steel
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July '98
July '98
June '99
Name / nombre
cvd/jvd
cvd
mj
Plan / plano 1
Maastab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo
DEWIMED®



KILNER
74.103.15
15 cm



SCHAMBERG
74.111.10
10 cm



UNNA
74.113.14
14 cm



UNNA
74.115.14
14 cm



WALTON
74.118.14
14 cm



SAALFELD
74.121.10
10 cm



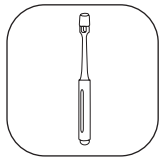


74.128.03
74.128.04
74.128.05
74.128.06

FOX
74.128.03 - 74.128.06
14 cm

cm

0.3	**74.128.03**
0.4	**74.128.04**
0.5	**74.128.05**
0.6	**74.128.06**



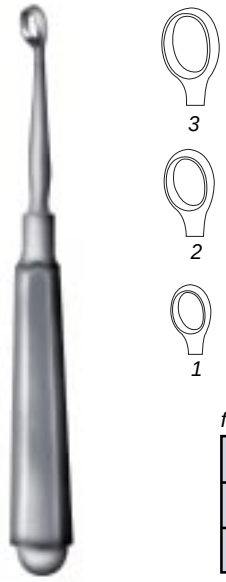


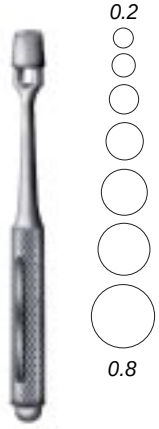
fig.

1	**74.130.01**
2	**74.130.02**
3	**74.130.03**

PIFFARD
74.130.01 - 74.130.03
14.5 cm



KEYES
74.138.00
complet



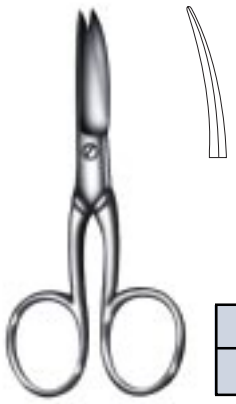
mm

0.2	**74.140.02**
0.3	**74.140.03**
0.4	**74.140.04**
0.5	**74.140.05**
0.6	**74.140.06**
0.7	**74.140.07**
0.8	**74.140.08**

KEYES
74.140.02 - 74.140.08
10 cm



74.301.10
10 cm



straight	**74.304.10**
curved	**74.305.10**

74.304.10 - 74.305.10
10 cm



74.331.14
14 cm



74.336.14
14 cm



TURNBULL
74.341.11 - 74.341.13

cm

11.5	**74.341.11**
13.5	**74.341.13**



74.360.13
13 cm



74.365.11
11 cm



74.373.10
10 cm



74.378.10 - 74.379.10
10 cm



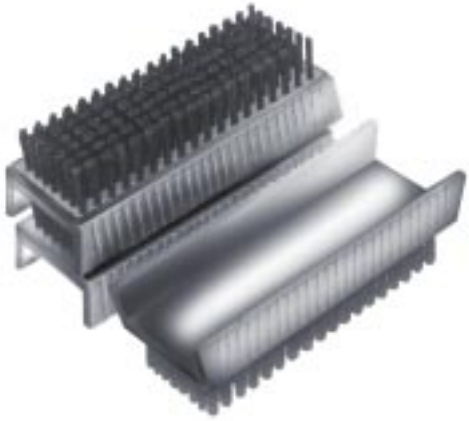
74.386.10 - 74.386.12

cm

10	**74.386.10**
12	**74.386.12**



74.395.14
14.5 cm



74.398.00
1 piece

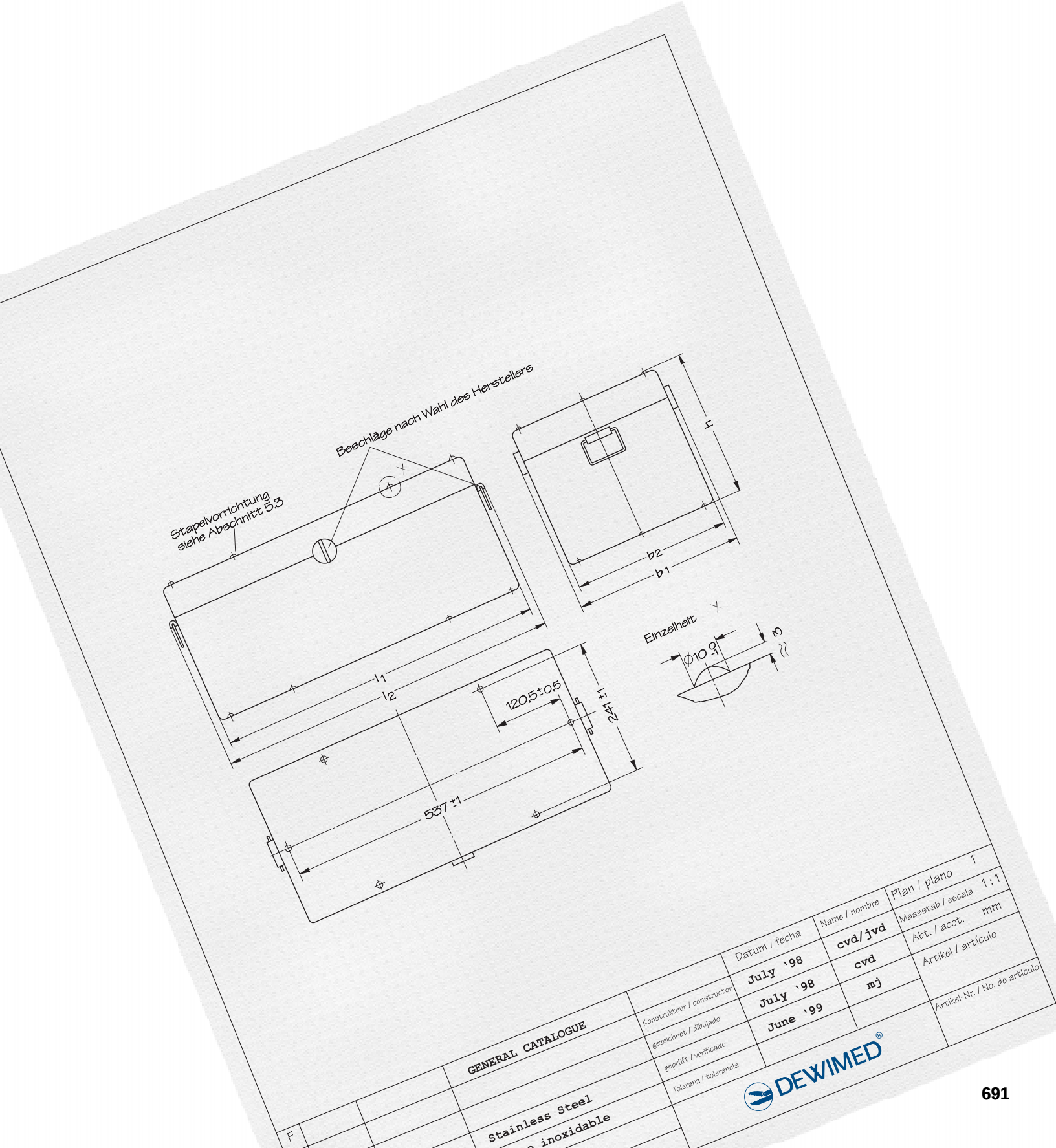


Rembrand van Rijn
1632

The Anatomy Lesson of Dr. Nicoloes Tulp
Posed anatomy lessons were a popular genre among surgeons and physians of the early 17th century.

La Lección de Anatomia del Dr. Nicolaes Tulp
Lecciones de anatomía posadas era un género muy común entre cirujanos y médicos a principios del siglo XVII.

Anatomielektion von Dr. Nicolaes Tulp
Im 17. Jahrhundert waren posierte Anatomielektionen sehr gängig.


Beschläge nach Wahl des Herstellers
Stapelvorrichtung
siehe Abschnitt 5.3
Einzelheit
Ø10,9
h
b2
b1
l1
l2
120,5±0,5
241±1
537±1
GENERAL CATALOGUE
Stainless Steel
inoxidable
Konstrukteur / constructor
gezeichnet / dibujado
geprüft / verificado
Toleranz / tolerancia
Datum / fecha
July `98
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Name / nombre
cvd/jvd
cvd
mj
DEWIMED
Plan / plano 1
Maasstab / escala 1:1
Abt. / acot. mm
Artikel / artículo
Artikel-Nr. / No. de artículo



SAUERBRUCH
88.110.21
210 x 125 x 17 mm



88.114.00
150 x 95 x 13 mm



88.112.65
65 x 15mm



88.113.65



88.120.18 - 88.120.50

mmxmmxmm	
180x80x40	**88.120.18**
200x100x60	**88.120.20**
220x120x60	**88.120.22**
250x120x60	**88.120.25**
300x125x60	**88.120.30**
320x150x60	**88.120.32**
400x160x75	**88.120.40**
500x200x120	**88.120.50**



88.124.14 - 88.124.30

mmxmmxmm	
140x80x50	**88.124.14**
170x120x60	**88.124.17**
200x60x40	**88.124.20**
220x100x50	**88.124.22**
220x140x60	**88.124.23**
270x170x60	**88.124.27**
300x180x65	**88.124.30**



88.125.10 - 88.125.20

mmxmm	
100x100	**88.125.10**
120x120	**88.125.12**
150x150	**88.125.15**
180x180	**88.125.18**
200x200	**88.125.20**



88.130.04 - 88.130.15

ø mm	
40	**88.130.04**
60	**88.130.06**
80	**88.130.08**
100	**88.130.10**
120	**88.130.12**
150	**88.130.15**



88.133.16 - 88.138.41

mm	*liters*	
165 x 60	*0.75*	**88.133.16**
175 x 70	*1.00*	**88.133.17**
220 x 80	*2.00*	**88.133.22**
225 x 90	*2.50*	**88.133.23**
240 x 110	*3.00*	**88.133.24**
255 x 115	*4.00*	**88.133.25**
275 x 115	*4.50*	**88.133.27**
290 x 125	*6.00*	**88.133.29**
310 x 120	*6.00*	**88.133.31**
345 x 125	*8.50*	**88.133.34**
380 x 130	*11.00*	**88.133.38**
415 x 140	*14.00*	**88.133.41**



88.134.10 - 88.134.20

liters	
1.0	**88.134.10**
1.5	**88.134.15**
2.0	**88.134.20**



88.139.17 - 88.139.27

mm	
170 x 35	**88.139.17**
250 x 35	**88.139.25**
275 x 35	**88.139.27**



PETRI
88.141.10
100 x 20mm



88.140.02 - 88.140.20

liters	
0.25	**88.140.02**
0.5	**88.140.05**
1.0	**88.140.10**
1.5	**88.140.15**
2.0	**88.140.20**



88.142.01 - 88.142.09

mm	
30 x 90	**88.142.01**
50 x 100	**88.142.02**
50 x 130	**88.142.03**
50 x 175	**88.142.04**
75 x 100	**88.142.05**
75 x 130	**88.142.06**
75 x 175	**88.142.07**
100 x 175	**88.142.08**
100 x 200	**88.142.09**



88.143.25 - 88.143.39

cm

25	**88.143.25**
32	**88.143.32**
39	**88.143.39**



88.144.20 - 88.144.68

mm

200 x 150 x 25	**88.144.20**
260 x 160 x 30	**88.144.26**
300 x 220 x 30	**88.144.30**
350 x 220 x 40	**88.144.35**
540 x 360 x 25	**88.144.54**
680 x 450 x 25	**88.144.68**



88.146.22 - 88.146.42

mm

220 x 170 x 50	**88.146.22**
280 x 200 x 50	**88.146.28**
320 x 240 x 50	**88.146.32**
370 x 270 x 50	**88.146.37**
420 x 320 x 50	**88.146.42**



88.147.21 - 88.147.42

mm

210 x 160 x 10	**88.147.21**
240 x 180 x 10	**88.147.24**
310 x 150 x 10	**88.147.30**
310 x 210 x 10	**88.147.31**
350 x 240 x 10	**88.147.35**
400 x 270 x 20	**88.147.40**
420 x 280 x 10	**88.147.42**



88.149.05 - 88.149.30

litres

0.5	**88.149.05**
1.0	**88.149.10**
2.0	**88.149.20**
3.0	**88.149.30**



SCHIMMELBUSCH
88.152.08 - 88.179.59



KONRICH
88.182.08 - 88.209.59

	mm	
88.152.08	*125 x 80*	**88.182.08**
88.152.10	*125 x 100*	**88.182.10**
88.158.12	*125 x 125*	**88.188.12**
88.155.08	*150 x 80*	**88.185.08**
88.155.10	*150 x 100*	**88.185.10**
88.155.13	*150 x 130*	**88.185.13**
88.155.15	*150 x 150*	**88.185.15**
88.155.19	*150 x 190*	**88.185.19**
88.159.14	*190 x 145*	**88.189.14**
88.159.16	*190 x 165*	**88.189.16**
88.159.19	*190 x 190*	**88.189.19**
88.159.24	*190 x 240*	**88.189.24**
88.164.14	*240 x 145*	**88.194.14**
88.164.16	*240 x 165*	**88.194.16**
88.164.19	*240 x 190*	**88.194.19**
88.164.24	*240 x 240*	**88.194.24**
88.164.29	*240 x 290*	**88.194.29**
88.164.34	*240 x 340*	**88.194.34**
88.164.39	*240 x 390*	**88.194.39**
88.169.14	*290 x 145*	**88.199.14**
88.169.16	*290 x 165*	**88.199.16**
88.169.19	*290 x 190*	**88.199.19**
88.169.24	*290 x 240*	**88.199.24**
88.169.29	*290 x 290*	**88.199.29**
88.169.34	*290 x 340*	**88.199.34**
88.169.39	*290 x 390*	**88.199.39**
88.174.14	*340 x 145*	**88.204.14**
88.174.16	*340 x 165*	**88.204.16**
88.174.19	*340 x 190*	**88.204.19**
88.174.24	*340 x 240*	**88.204.24**
88.174.29	*340 x 290*	**88.204.29**
88.174.34	*340 x 340*	**88.204.34**
88.174.39	*340 x 390*	**88.204.39**
88.179.14	*390 x 145*	**88.209.14**
88.179.16	*390 x 165*	**88.209.16**
88.179.19	*390 x 190*	**88.209.19**
88.179.24	*390 x 240*	**88.209.24**
88.179.29	*390 x 290*	**88.209.29**
88.179.34	*390 x 340*	**88.209.34**
88.179.39	*390 x 390*	**88.209.39**
88.179.49	*390 x 490*	**88.209.49**
88.179.59	*390 x 590*	**88.209.59**

Dewimed offers basically two types of containers:

containers with lid perforated and buttom non perforated:

applicable for procedures with large sterilizers:
(DIN 58946, part 6):

fraccionated flow method

steam evacuation with saturated stem inflow (> 1 bar), alternating with pressure drop.

fraccionated vacuum method

charactristical for:
1. repeated stem evacuation down to < 130 mbar alterning with steam inflow up to a pressure level below or above the atmospheric pressure.
2. steam inflow until the required sterilization pressure level is reached

steam injection method

charactristical for:
1. only one evacuation down to < 70 mbar with simultaneus minor steam inflow.
2. steam inflow until reached the operation pressure.

containers with lid and buttom perforated:

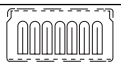
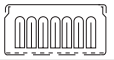
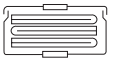
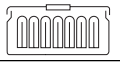
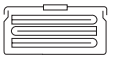
applicable for any other streilizing procedure:
(DIN 58946, part 6):

gravity method

circulation method, in which saturayed steam makes air is to evacuate through saftey valve.

prevacuum method

1. only one evacuation down to = 20 - 70 mbar
2. steam inflow until having reached required sterilization pressur.

description	symbol	system for sterilising DIN 58946 part 1				
		gravity method	pre-vacuum method	fraction-ated vacuum method	fraction-ated flow method	steam injections method
textiles in sterilising container with filter in cover and base, according DIN 58952 part 1		+	+	+	+	+
		o	o	+	+	+
textiles in sterilising container with filter in cover base non perforated, according DIN 58952 part 1		-	-	+	+	+
		-	-	+	+	o
textiles in sterilising container with filter in base cover non perforated, according DIN 58952 part 1		o	+	+	+	+
		-	o	+	+	+
textiles in sterilizing container with valve in cover and base according DIN 58952 part 1		-	o	+	+	o
		-	-	+	+	o
textiles in sterilizing container with valve in cover and base without valve DIN 58952 part 1		-	-	+	+	-
		-	-	+	+	+
instruments on sterilising trays in sterilising container with filter in cover and base, according DIN 58952 part 1		+[3])	+	+	+	+
instruments on sterilising trays in sterilising container with filter in cover: base non perforated, according DIN 58952 part 1		-	+[2])	+[2])	+[2])	+[2])
instruments on sterilising trays in sterilising container with filter in base, according DIN 58952 part 1		o	+	+	+	+

applicable + non applicable - conditionally applicable o

Dewimed ofrece básicamente dos tipos de contenedores:

contenedores con tapa perforada y fondo no perforado:

éstos contenedores son indicados para el servicio de esterilizadores grandes (DIN 58946, parte 6):

esterilización por circulación fraccionada

consiste en expulsar el aire del contenedor a presión del esterilizador, mediante repetidos golpes con vapor saturado de < 1 bar, seguidos de descarga de presión.

método de vacío fraccionado

se caracteriza por las siguientes fases de operación:

1. evacuación reiterada hasta una presión de < 130 mbar alternánda con entrada de vapor a una presión superior o inferior a la presión atmosférica.
2. introducción de vapor saturado hasta alcanzar la presión necesaria de esterilización

esterilización por inyección de vapor

se caracteriza por:

1. una sola evacuación hasta una presión de < 70 m bar con entrada de poco vapor.
2. introducción de vapor hasta alcanzar la sobrepresión necesaria.

contenedores con tapa perforada y fondo perforado:

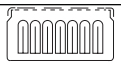
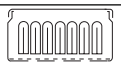
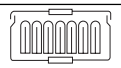
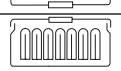
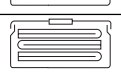
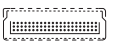
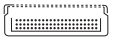
éstos contenedores son indicados para demás servicios de esterilizadores (DIN 58946, parte 6):

esterilización por desplazamiento gravitacional

es un procedimiento de circulación, en el cual, por medio de vapor saturado, el aire es desplazado a través de una válvula de escape

esterilización por prevacío

1. una sola evacuación hata =20 - 70 mbar
2. introducción de vapor hasta alcanzar la sobrepresión necesaria.

descripción	simbolo	sistema de esterilización a vapor según DIN 58946 parte 1				
		sistema de gravitación	sistema de prevacío	sistema de prevacío fraccionado	sistema de flujo fraccionado	sistema de inyección de vapor
contenedor con carga textil con filtro en la tapa y en el fondo, según DIN 58952 parte 1		+	+	+	+	+
		o	o	+	+	+
contenedor con carga textil con filtro en la tapa, fondo no perforado, según DIN 58952 parte 1		-	-	+	+	+
		-	-	+	+	o
contenedor con carga textil filtro en el fondo, tapa no perforada, según DIN 58952 parte 1		o	+	+	+	+
		-	o	+	+	+
contenedor con carga textil con válvula en tapa y en fondo, según DIN 58952 parte 1		-	o	+	+	o
		-	-	+	+	o
contenedor con carga textil con válvula en tapa y fondo sin válvula, según DIN 58952 parte 1		-	-	+	+	-
		-	-	+	+	+
instrumental en bandeja según DIN parte 3, en contenedor con filtro en la tapa y en el fondo según DIN 58952 parte 1		+[3])	+	+	+	+
instrumental en bandeja según DIN parte 3, en contenedor con filtro en la tapa, fondo no perforado según DIN 58952 parte 1		-	+[2])	+[2])	+[2])	+[2])
instrumental en bandeja según DIN parte 3, en contenedor con filtro en el fondo según DIN 58952 parte 1		o	+	+	+	+

aplicable + no aplicable - limitadamente aplicable o

Die Steril - Container, die Dewimed bietet, bestehen aus zwei Gruppen:

Container mit gelochtem Deckel und nicht gelochtem Boden:

geeignet für das Verfahren bei Gross - Sterilisatoren (DIN 58946, Teil 6):

Fraktioniertes Strömungsverfahren

besteht aus mehrfachen Stössen mit Sattdampf (> 1 bar), mit jeweils anschliessender Druckentlastungen, um die Luft aus dem Sterilisierdruckbehälter zu verdrängen.

Fraktioniertes Vakuumverfahren

besondere Eigenschaften:

1. mehrfaches wiederholtes Evakuieren bis zu einem Druck < 130 mbar im Wechsel mit Dampfströmung auf einen Druck, der unter oder über dem Atmosphärendruck liegt
2. Dampfeinlassen bis zum Erreichen des notwendigen Sterilisierdrucks

Dampfinjektionsverfahren

ist ein Vakuumverfahren, das durch folgende Phasen gekennzeichnet ist:

1. einmaliges Evakuieren bis zu einem Druck < 70 mbar bei gleichzeitigem Einströmengeringer Dampfmengen.
2. Dampfeinlassen bis zum Erreichen de Betriebsüberdrucks.

Container mit gelochtem Deckel und gelochtem Boden:

beeignet für sonstige andere Sterilisatoren (DIN 58946):

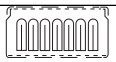
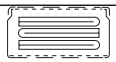
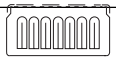
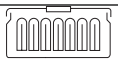
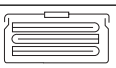
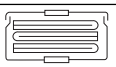
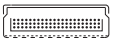
Gravitationsverfahren

ist ein Strömungsverfahren, bei dem die Luft durch den Sattdampf nach unten über ein Strömungsventil aus dem Sterilisierdruckbehälter verdrängt wird.

Vorvakuumverfahren

Vakuumverfahren, das durch folgende Phasen gekennzeichnet ist:

1. einmaliges Evakuieren bis zu einem Druck = 20 - 70 mbar
2. Dampfeinlassen bis zum Erreichen des notwendige Sterilisierdrucks

beschreibung	symbilische	Dampf - sterilisationsverfahren nach DIN 58946 teil 1				
		gravitations-verfahren	vorvakuum-verfahren	fraktioniertes vakuum-verfahren	fraktioniertes strömungs-verfahren	dampf-injektions-verfahren
textilien in sterilisierbehälter mit filter im deckel und boden, nach DIN 58952 teil 1		+	+	+	+	+
		o	o	+	+	+
textilien in sterilisierbehälter, mit filter im deckel, boden nicht perforiert, nach DIN 58952 teil 1		-	-	+	+	+
		-	-	+	+	o
textilien in sterilisierbehälter mit filter im boden, deckel nicht perforiert, nach DIN 58952 teil 1		o	+	+	+	+
		-	o	+	+	+
textilien in sterilisierbehälter mit Ventil im Deckel Kein Ventil am Boden nach DIN 58952 teil 1		-	o	+	+	o
		-	-	+	+	o
textilien in sterilisierbehälter mit Ventilen an Deckel und Boden nach DIN 58952 teil 1		-	-	+	+	-
		-	-	+	+	+
instrumente auf sterilisiersiebschale nach, DIN 58952 teil 3 in sterilisier-behälter mit filter in deckel und boden nach DIN 58952 teil 1		+[3]	+	+	+	+
instrumente auf sterilisiersebschale nach, DIN 58952 teil 3 in sterilisier-behälter mit filter in deckel, boden nach perforiert nach DIN 58952 teil 1		-	+[2]	+[2]	+[2]	+[2]
instrumente auf sterilisiersebschale nach, DIN 58952 teil 3 in sterilisier-behälter mit filter in boden nach DIN 58952 teil 1		o	+	+	+	+

anwendbar + nicht anwendbar - bedingt anwendbar o



filters in lid and bottom aluminum container lids.



88.303.10 - 88.303.26

cm x cm x cm

30 x 30 x 10	**88.303.10**
30 x 30 x 15	**88.303.15**
30 x 30 x 20	**88.303.20**
30 x 30 x 26	**88.303.26**

colors - lid

grey
yellow
red
blue
green



88.306.10 - 88.306.26

cm x cm x cm

60 x 30 x 10	**88.306.10**
60 x 30 x 15	**88.306.15**
60 x 30 x 20	**88.306.20**
60 x 30 x 26	**88.306.26**



88.329.30 - 88.330.30

filter	*cm*	
textile	*30 x 30*	**88.329.30**
paper	*30 x 30*	**88.330.30**



88.329.60 - 88.330.60

filter	*cm*	
textile	*60 x 30*	**88.329.60**
paper	*60 x 30*	**88.330.60**



88.319.00
seal for sterilization containers
1000 pieces



stainless steel 18/10
filters in lid and bottom



88.304.10 - 88.304.26

cm x cm x cm

30 x 30 x 10	**88.304.10**
30 x 30 x 15	**88.304.15**
30 x 30 x 20	**88.304.20**
30 x 30 x 26	**88.304.26**



88.307.10 - 88.307.26

cm x cm x cm

60 x 30 x 10	**88.307.10**
60 x 30 x 15	**88.307.15**
60 x 30 x 20	**88.307.20**
60 x 30 x 26	**88.307.26**



88.329.30 - 88.330.30

filter *cm*

textile	*30 x 30*	**88.329.30**
paper	*30 x 30*	**88.330.30**



88.329.60 - 88.330.60

filter *cm*

textile	*60 x 30*	**88.329.60**
paper	*60 x 30*	**88.330.60**



88.319.00
seal for sterilization containers
1000 pieces



stainless steel filter protected
in the lid bottom
non-perforated



88.305.10 - 88.305.26

cm x cm x cm

30 x 30 x 10	**88.305.10**
30 x 30 x 15	**88.305.15**
30 x 30 x 20	**88.305.20**
30 x 30 x 26	**88.305.26**



88.308.10 - 88.308.26

cm x cm x cm

60 x 30 x 10	**88.308.10**
60 x 30 x 15	**88.308.15**
60 x 30 x 20	**88.308.20**
60 x 30 x 26	**88.308.26**



88.329.30 - 88.330.30

filter	*cm*	
textile	*30 x 30*	**88.329.30**
paper	*30 x 30*	**88.330.30**

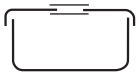


88.329.60 - 88.330.60

filter	*cm*	
textile	*60 x 30*	**88.329.60**
paper	*60 x 30*	**88.330.60**



88.319.00
seal for sterilization
containers
1000 pieces



aluminum anodized
valve(s) in the lid bottom
non-perforated



88.313.10 - 88.313.26

cm x cm x cm

30 x 30 x 10	**88.313.10**
30 x 30 x 15	**88.313.15**
30 x 30 x 20	**88.313.20**
30 x 30 x 26	**88.313.26**

colors - valve

grey
yellow
red
blue
green



88.316.10 - 88.316.26

cm x cm x cm

60 x 30 x 10	**88.316.10**
60 x 30 x 15	**88.316.15**
60 x 30 x 20	**88.316.20**
60 x 30 x 26	**88.316.26**



88.319.00
seal for sterilization
containers
1000 pieces



88.321.01
simple
88.321.02
double



88.329.30
30 x 30 cm
textile filter lasting



88.329.60
60 x 30 cm
textile filter lasting



88.322.01
identification labels
aluminium neutral
88.322.02
identification labels
aluminium engraved



88.322.99
label indicator letter

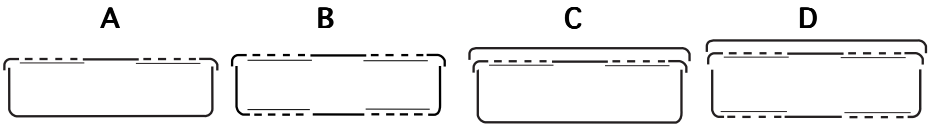


88.340.01 - 88.350.01

cm	
40.2 x 15.8 x 11.2	**88.340.01**
40.2 x 15.8 x 5.2	**88.340.02**
39.2 x 13.8 x 7.7	**88.342.01**
39.2 x 13.8 x 3.2	**88.342.02**
19.8 x 14.1 x 4.0	**88.344.01**
30.2 x 15.8 x 11.2	**88.346.01**
30.2 x 15.8 x 5.2	**88.346.02**
33.2 x 11.8 x 6.7	**88.348.01**
33.2 x 11.8 x 2.7	**88.348.02**
162 x 118 x 27	**88.350.01**



88.510.10 - 88.553.26
Dewimed
Container
System
Full size



Lid perforated bottom non perforated

Lid and bottom perforated

Safety lid, bottom non perforated

Safety lid, bottom perforated

88.510.10 - 88.553.10
58 x 28 x 10 cm

color lid	A	B	C	D
grey	88.510.10	88.511.10	88.512.10	88.513.10
yellow	88.520.10	88.521.10	88.522.10	88.523.10
red	88.530.10	88.531.10	88.532.10	88.533.10
blue	88.540.10	88.541.10	88.542.10	88.543.10
green	88.550.10	88.551.10	88.552.10	88.553.10

88.510.13 - 88.553.13
58 x 28 x 13.5 cm

grey	88.510.13	88.511.13	88.512.13	88.513.13
yellow	88.520.13	88.521.13	88.522.13	88.523.13
red	88.530.13	88.531.13	88.532.13	88.533.13
blue	88.540.13	88.541.13	88.542.13	88.543.13
green	88.550.13	88.551.13	88.552.13	88.553.13

88.510.15 - 88.553.15
58 x 28 x 15 cm

grey	88.510.15	88.511.15	88.512.15	88.513.15
yellow	88.520.15	88.521.15	88.522.15	88.523.15
red	88.530.15	88.531.15	88.532.15	88.533.15
blue	88.540.15	88.541.15	88.542.15	88.543.15
green	88.550.15	88.551.15	88.552.15	88.553.15

88.510.20 - 88.553.20
58 x 28 x 20 cm

grey	88.510.20	88.511.20	88.512.20	88.513.20
yellow	88.520.20	88.521.20	88.522.20	88.523.20
red	88.530.20	88.531.20	88.532.20	88.533.20
blue	88.540.20	88.541.20	88.542.20	88.543.20
green	88.550.20	88.551.20	88.552.20	88.553.20

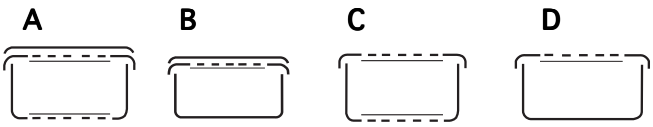
88.510.26 - 88.553.26
58 x 28 x 25 cm

grey	88.510.26	88.511.26	88.512.26	88.513.26
yellow	88.520.26	88.521.26	88.522.26	88.523.26
red	88.530.26	88.531.26	88.532.26	88.533.26
blue	88.540.26	88.541.26	88.542.26	88.543.26
green	88.550.26	88.551.26	88.552.26	88.553.26



88.613.10 - 88.653.26

Dewimed
Container
System
Half size



Safety lid, bottom perforated

Safety lid, bottom non perforated

Lid and bottom perforated

Lid perforated bottom non perforated

88.613.10 - 88.650.10
28.5 x 28 x 10 cm

color lid	A	B	C	D
grey	**88.613.10**	**88.612.10**	**88.611.10**	**88.610.10**
yellow	**88.623.10**	**88.622.10**	**88.621.10**	**88.620.10**
red	**88.633.10**	**88.632.10**	**88.631.10**	**88.630.10**
blue	**88.643.10**	**88.642.10**	**88.641.10**	**88.640.10**
green	**88.653.10**	**88.652.10**	**88.651.10**	**88.650.10**

88.613.13 - 88.650.13
28.5 x 28 x 13.5 cm

grey	**88.613.13**	**88.612.13**	**88.611.13**	**88.610.13**
yellow	**88.623.13**	**88.622.13**	**88.621.13**	**88.620.13**
red	**88.633.13**	**88.632.13**	**88.631.13**	**88.630.13**
blue	**88.643.13**	**88.642.13**	**88.641.13**	**88.640.13**
green	**88.653.13**	**88.652.13**	**88.651.13**	**88.650.13**

88.613.15 - 88.650.15
28.5 x 28 x 15 cm

grey	**88.613.15**	**88.612.15**	**88.611.15**	**88.610.15**
yellow	**88.623.15**	**88.622.15**	**88.621.15**	**88.620.15**
red	**88.633.15**	**88.632.15**	**88.631.15**	**88.630.15**
blue	**88.643.15**	**88.642.15**	**88.641.15**	**88.640.15**
green	**88.653.15**	**88.652.15**	**88.651.15**	**88.650.15**

88.613.20 - 88.650.20
28.5 x 28 x 20 cm

grey	**88.613.20**	**88.612.20**	**88.611.20**	**88.610.20**
yellow	**88.623.20**	**88.622.20**	**88.621.20**	**88.620.20**
red	**88.633.20**	**88.632.20**	**88.631.20**	**88.630.20**
blue	**88.643.20**	**88.642.20**	**88.641.20**	**88.640.20**
green	**88.653.20**	**88.652.20**	**88.651.20**	**88.650.20**

88.613.26 - 88.650.26
28.5 x 28 x 25 cm

grey	**88.613.26**	**88.612.26**	**88.611.26**	**88.610.26**
yellow	**88.623.26**	**88.622.26**	**88.621.26**	**88.620.26**
red	**88.633.26**	**88.632.26**	**88.631.26**	**88.630.26**
blue	**88.643.26**	**88.642.26**	**88.641.26**	**88.640.26**
green	**88.653.26**	**88.652.26**	**88.651.26**	**88.650.26**



88.610.05 - 88.650.05
28.5 x 28 x 5.5 cm

A

Lid perforated bottom non perforated

color lid	A
grey	**88.610.05**
yellow	**88.620.05**
red	**88.630.05**
blue	**88.640.05**
green	**88.650.05**



88.610.08 - 88.651.08
28.5 x 28 x 8.5 cm

A B

Lid perforated bottom non perforated

Lid and bottom perforated

color lid	A	B
grey	**88.610.08**	**88.611.08**
yellow	**88.620.08**	**88.621.08**
red	**88.630.08**	**88.631.08**
blue	**88.640.08**	**88.641.08**
green	**88.650.08**	**88.651.08**



small containers
88.660.04 - 88.681.07

A B

Lid perforated bottom non perforated

Lid and bottom perforated

88.660.04 - 88.680.04
30 x 14 x 4 cm

color lid	A	B
grey	**88.660.04**	**88.661.04**
yellow	**88.665.04**	**88.666.04**
red	**88.670.04**	**88.671.04**
blue	**88.675.04**	**88.676.04**
green	**88.680.04**	**88.681.04**

88.660.07 - 88.681.07
30 x 14 x 7 cm

color lid	A	B
grey	**88.660.07**	**88.661.07**
yellow	**88.665.07**	**88.666.07**
red	**88.670.07**	**88.671.07**
blue	**88.675.07**	**88.676.07**
green	**88.680.07**	**88.681.07**



88.690.04 - 88.690.13

A

Lid and bottom perforated

cm	A
31 x 19 x 4.0	**88.690.04**
31 x 19 x 6.5	**88.690.06**
31 x 19 x 13.0	**88.690.13**



small container
88.690.65 - 88.694.65
30 x 13.8 x 6.5 cm

A

Lid and bottom perforated, no filter

color	A
grey	**88.690.65**
yellow	**88.691.65**
red	**88.692.65**
blue	**88.693.65**
green	**88.694.65**



small container
88.690.70 - 88.694.70
50 x 15.5 x 7.5 cm

A

Lid and bottom perforated, no filter

color	A
grey	**88.690.70**
yellow	**88.691.70**
red	**88.692.70**
blue	**88.693.70**
green	**88.694.70**



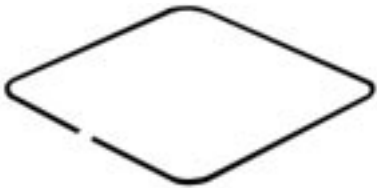
88.250.26 - 88.250.48

mm

260 x 260 x 50	**88.250.26**
480 x 260 x 50	**88.250.48**



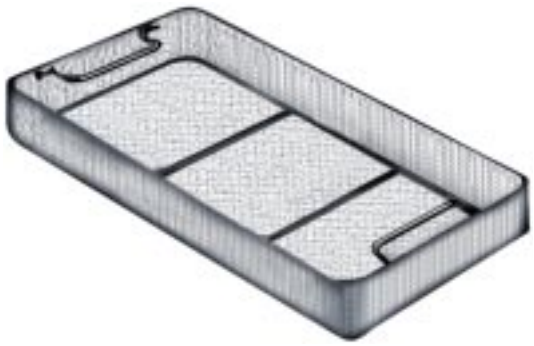
88.250.53
505 x 305 x 40 mm



88.695.00
255 x 255mm
88.695.10
270 x 245mm



88.595.00
540 x 255 mm



88.590.03 - 88.591.10

mm

485 x 255 x 30	**88.590.03**
485 x 255 x 50	**88.590.05**
485 x 255 x 70	**88.590.07**
485 x 255 x 100	**88.590.10**

mm

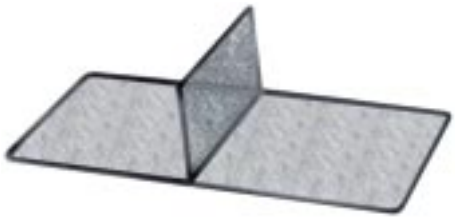
540 x 255 x 30	**88.591.03**
540 x 255 x 50	**88.591.05**
540 x 255 x 70	**88.591.07**
540 x 255 x 100	**88.591.10**



88.690.03 - 88.690.10

mm

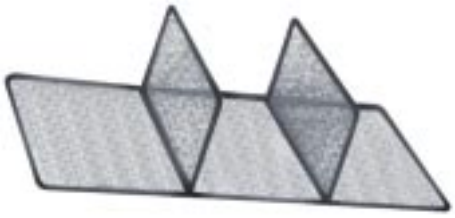
255x245x30	**88.690.03**
255x245x50	**88.690.05**
255x245x70	**88.690.07**
255x245x100	**88.690.10**



88.597.13 - 88.597.23

cm

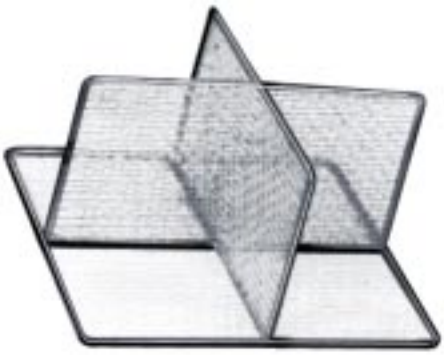
51 x 25 x 13	**88.597.13**
51 x 25 x 18	**88.597.18**
51 x 25 x 23	**88.597.23**



88.598.13 - 88.598.23

cm

51 x 25 x 13	**88.598.13**
51 x 25 x 18	**88.598.18**
51 x 25 x 23	**88.598.23**



88.699.13 - 88.699.23

cm

25.5 x 24.5 x 13	**88.699.13**
25.5 x 24.5 x 18	**88.699.18**
25.5 x 24.5 x 23	**88.699.23**



88.700.00 - 88.700.01

filter

disposable paper	*100 pieces*	**88.700.00**
textile	*single*	**88.700.01**



88.700.02 - 88.700.03
for small size containers

filter

disposable paper	*100 pieces*	**88.700.02**
textile	*single*	**88.700.03**



88.700.04 - 88.700.05
for special set containers

filter

disposable paper	*100 pieces*	**88.700.04**
textile	*single*	**88.700.05**



88.710.02
paper label with indicator, large
100 pieces package



88.710.04
paper label with indicator, small
100 pieces package



88.710.10
seal for sterilization containers
100 pieces package



88.710.20 - 88.710.28
identification labels, max. 12 figures

color

grey	**88.710.20**
yellow	**88.710.22**
red	**88.710.24**
blue	**88.710.26**
green	**88.710.28**



88.710.30
dispencer for identification labels



88.720.00
holding pin for instrument



88.321.01
simple
88.321.02
double



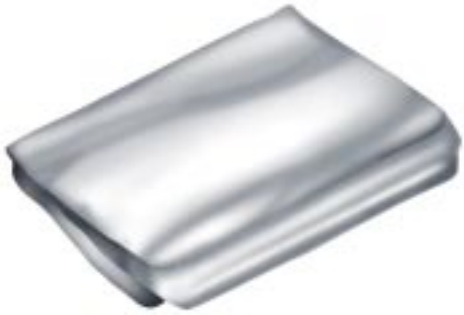
88.720.01
holding pin with is lot for partition sheets



88.720.05 - 88.720.46
partition sheets

mm

50 x 20	**88.720.05**
130 x 20	**88.720.13**
225 x 20	**88.720.22**
460 x 20	**88.720.46**



88.260.04 - 88.260.16
wrapping drapes

mm

40 x 60	**88.260.04**
100 x 100	**88.260.10**
100 x 130	**88.260.13**
100 x 160	**88.260.16**



88.591.30
Vasectomy set sterilizer tray



88.267.00 - 88.267.08
6.5 mm x 7.6 m

colors

white	**88.267.00**
blue	**88.267.01**
green	**88.267.02**
red	**88.267.03**
yellow	**88.267.04**
violet	**88.267.05**
orange	**88.267.06**
brown	**88.267.07**
black	**88.267.08**



88.268.40
400ml



88.402.08 - 88.402.25
16 cm

ø mm

0.8	**88.402.08**
1.0	**88.402.10**
1.2	**88.402.12**
1.4	**88.402.14**
1.5	**88.402.15**
1.6	**88.402.16**
2.0	**88.402.20**
2.2	**88.402.22**
2.5	**88.402.25**



88.404.08 - 88.404.25
31 cm

ø mm

0.8	**88.404.08**
1.0	**88.404.10**
1.2	**88.404.12**
1.4	**88.404.14**
1.5	**88.404.15**
1.6	**88.404.16**
2.0	**88.404.20**
2.2	**88.404.22**
2.5	**88.404.25**

88.269.05
PREP LUBE
instrumental milk 5 l.



MICROSTERIL

88.900.10 - 88.900.22

outer construction made of painted steel.
inner construction made of stainless steel.
heat insulated with fiberglass.
thermoregulator at 240^{0} ^{C}C.
timer 0" + 30" sec. (art. 88.900.12 - 88.900.22).
220V. - 50 Hz.

size

small	*with clock*	**88.900.10**
small	*with out clock*	**88.900.12**
large	*with clock*	**88.900.20**
large	*with out clock*	**88.900.22**

MICROSTERIL

88.900.15

beads for sterilization
(pack)

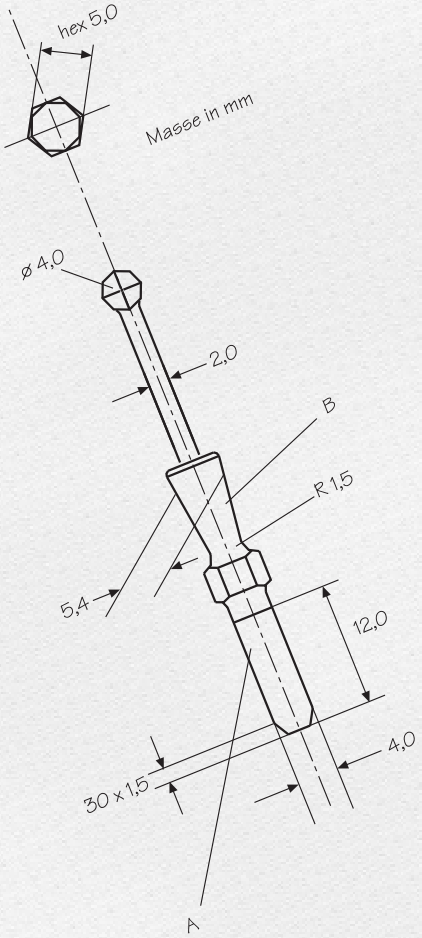
RUDOLF LUDWIG VIRCHOW
1821 - 1902

Nacido el 13 de Octubre de 1821 en Schivelbein, Pomeriana y muerto el 5 de Septiembre de 1902 en Berlín, Virchow es reconocido como uno de los "Padres de la Medicina" y fundador de la patología celular.
Con su frase "omnis cellula e cellula" (toda célula únicamente puede surgir a través de otra célula), estableció principios en la medicina.
Según sus principios no puede enfermarse todo el cuerpo, sino únicamente un grupo de células. De esta manera objetivizó el concepto enfermedad.
Para comprobar lo arriba mencionado tuvo que hacer trabajos científicos muy laboriosos.



Born on the 13th of October 1821 in Schivelbein, Pomeriana and died on the 5th of September 1902 in Berlin, Virchow is considered as one of the "Fathers or Medicine" and founder of the cellular pathology.
With his phrase "omnis cellula e cellula" (a cell can only arise through another cell), he established principles of medicine.
He assured that it is not the whole body that falls ill, but a group of cells. This way he objectified the concept of illness.
In order to prove the above mentioned, he had to do laborious cientific work.

Geboren am 13. Oktober 1821 in Schivelbein, Pommern, und gestorben am 5. September 1902 in Berlin gilt Virchow als "Papst der Medizin" und Begründer der Zellpathologie.
Mit dem Satz "omnis cellula e cellula (jede Zede kann nur aus einer anderen Zelle entstehen) setzte er einen Grundstein in der Medizin.
Nach seiner Aussage kann nicht der ganze Körper erkranken, sondern nur einzelne Zellen oder Zellgruppen. Somit objektivierte er den Begriff Krankheit.
Um dieses zu beweisen, mußte er mühsame systematische Forschungsarbeit leisten.



F		GENERAL CATALOGUE	Konstrukteur / constructor	Datum / fecha	Name / nombre	Plan / plano 1
			gezeichnet / dibujado	July `98	cvd/jvd	Maasstab / escala 1:1
		Stainless Steel	geprüft / verificado	July `98	cvd	Abt. / acot. mm
		Acero inoxidable	Toleranz / tolerancia	June `99	mj	Artikel / artículo
			DEWIMED®			Artikel-Nr. / No. de artículo



90.010.01



90.010.02
45º



90.010.03
120º



90.010.11
ø 3 mm



90.010.12
ø 5 mm



90.010.13
ø 8 mm



90.010.14



90.010.15
7.0 x 1.5 mm
45º



90.010.16
7 mm
45 º



90.010.17
6.0 x 1.3 mm



90.010.18
7.0 x 7.1 mm
30º



90.010.21
7.0 x 1.7 mm



90.010.31



90.010.33
ø 0.6 mm
45º



90.010.34
ø 1.7 mm
45º



90.010.35
ø 3.0 mm
45º



90.010.36
92º



90.011.51
ø 03 mm
45º



90.011. 52
7.0 x 1.7 mm
45º



90.011.53
45º



90.011.54



90.011.55



90.011.56
ø 5 mm
45º



90.011.61
45º



90.011.62
90º shaft
ø 4 mm



90.020.01
shaft
ø 4 mm
25 mm



90.020.02
shaft
ø 4 mm
20 mm



ø mm

3.4 x 24	*straight*	**90.020.03**
1.5 x 17	*straight*	**90.020.06**
1.5 x 17	*curved*	**90.020.07**

90.020.03 - 90.020.07
20 mm



ø mm

0.8 x 22	*straight*	**90.020.04**
0.8 x 20	*curved*	**90.020.05**
1 x 29	*straight*	**90.020.12**

90.020.04 - 90.020.12
25 mm



ø mm	
5	**90.022.05**
6	**90.022.06**
10	**90.022.10**
12	**90.022.12**
16	**90.022.16**
20	**90.022.20**

90.022.05 - 90.022.20



ø mm	
10	**90.024.10**
12	**90.024.12**
15	**90.024.15**
16	**90.024.16**
20	**90.024.20**

90.024.10 - 90.024.20



ø mm	
2	**90.030.02**
4	**90.030.04**
6	**90.030.06**

90.030.02 - 90.030.06



ø mm		
2	straight	**90.030.12**
2	curved	**90.030.13**
4	straight	**90.030.14**
4	curved	**90.030.15**
6	straight	**90.030.16**

90.030.12 - 90.030.16

90.031.01
electrode set large
90.031.02
electrode set small

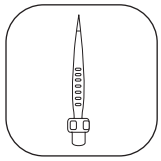
90.905.09
instrument set for general surgery
consist 8 electrodes, electrode support
90.905.10
instrument set for veterinary surgery
consist 8 electrodes, electrode support



90.905.08

For 8 electrodes with shaft of ø 4 mm	**90.905.12**
For 16 electrodes with shaft of ø 4 mm	**90.905.14**

90.905.12 - 90.905.14
shaft ø 4 mm





90.102.11
11 cm



90.104.11
11 cm



90.105.11
11 cm



90.109.11
11 cm
45º



90.113.11
11 cm
45º



90.115.11
11 cm
45º



90.122.16
16.5 cm



90.123.16
16.5 cm



90.124.16
16.5 cm
tip 1 mm



90.125.16
16.5 cm



90.127.16
16.5 cm
tip 1 mm



90.135.16
16.5 cm



90.139.16
16.5 cm



90.142.16
16.5 cm



90.144.16
16.5 cm



90.146.16
16.5 cm
tip 1 mm



90.152.19
19.5 cm



90.154.19
19.5 cm
1 mm



90.157.19 - 90.159.19
19.5 cm

tip mm

1	**90.157.19**
2	**90.159.19**



90.162.19
19.5 cm



tip mm

1	**90.164.19**
2	**90.166.19**

9
19.5 cm



90.167.19
19.5 cm
tip 1 mm



90.169.19
19.5 cm
tip 1 mm



tip mm

0.3	**90.172.03**
0.7	**90.172.07**
1.2	**90.172.12**

90.172.03 - 90.172.12
22.5 cm



m	
3	**90.190.30**
5	**90.190.50**

90.190.30 - 90.190.50



90.191.30
3 m



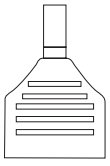
m	
3	**90.192.30**
5	**90.192.50**

90.192.30 - 90.192.50



m	
3	**90.193.30**
5	**90.193.50**

90.193.30 - 90.193.50



90.194.32
adapter



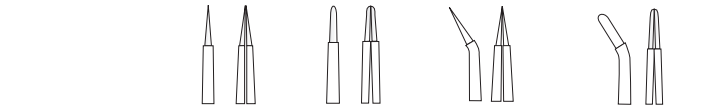
McPHERSON
90.300.07 - 90.313.07
7 cm



tip	0. 25 mm	0.45 mm	0.25 mm	0.45 mm
	90.300.07	90.302.07	90.301.07	90.303.07
	90.310.07	90.312.07	90.311.07	90.313.07



90.400.11 - 90.413.11
11 cm

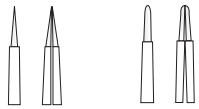


tip	0. 25 mm	0.6 mm	0.25 mm	0.6 mm
	90.400.11	90.402.11	90.401.11	90.403.11
	90.410.11	90.412.11	90.411.11	90.413.11









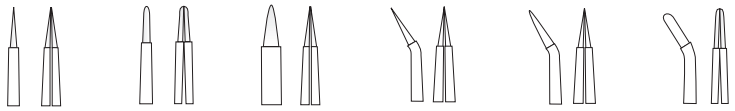
tip	0. 25 mm	0.6 mm
	90.405.11	90.407.11
	90.415.11	90.417.11

90.405.11 - 90.413.11
11 cm





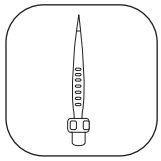


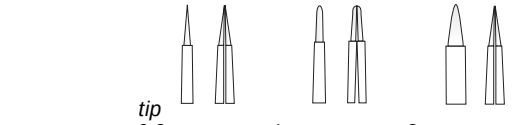


cm	tip 0.3 mm	1 mm	2 mm	0.3 mm	1 mm	2 mm
15	90.500.15	90.502.15	90.504.15	90.501.15	90.503.15	90.505.15
18	90.500.18	90.502.18	90.504.18	90.501.18	90.503.18	90.505.18
20	90.500.20	90.502.20	90.504.20	90.501.20	90.503.20	90.505.20
22	90.500.22	90.502.22	90.504.22	90.501.22	90.503.22	90.505.22
24	90.500.24	90.502.24	90.504.24	90.501.24	90.503.24	90.505.24

15	90.510.15	90.512.15	90.514.15	90.511.15	90.513.15	90.515.15
18	90.510.18	90.512.18	90.514.18	90.511.18	90.513.18	90.515.18
20	90.510.20	90.512.20	90.514.20	90.511.20	90.513.20	90.515.20
22	90.510.22	90.512.22	90.514.22	90.511.22	90.513.22	90.515.22
24	90.510.24	90.512.24	90.514.24	90.511.24	90.513.24	90.515.24

90.500.15 - 90.515.24





cm	tip 0.3 mm	1 mm	2 mm
18	90.600.18	90.602.18	90.604.18
20	90.600.20	90.602.20	90.604.20
22	90.600.22	90.602.22	90.604.22
24	90.600.24	90.602.24	90.604.24

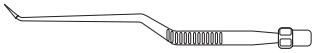


18	90.610.18	90.612.18	90.614.18
20	90.610.20	90.612.20	90.614.20
22	90.610.22	90.612.22	90.614.22
24	90.610.24	90.612.24	90.614.24





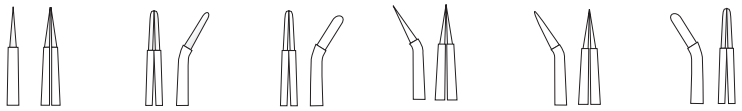
90.600.18 - 90.614.20



90.601.18 - 90.615.20



90.701.18 - 90.715.20



cm	tip 0.3 mm	1 mm	2 mm	0.3 mm	1 mm	2 mm
18	90.601.18	90.603.18	90.605.18	90.701.18	90.703.18	90.705.18
20	90.601.20	90.603.20	90.605.20	90.701.20	90.703.20	90.705.20
22	90.601.22	90.603.22	90.605.22	90.701.22	90.703.22	90.705.22
24	90.601.24	90.603.24	90.605.24	90.701.24	90.703.24	90.705.24



18	90.611.18	90.613.18	90.615.18	90.711.18	90.713.18	90.715.18
20	90.611.20	90.613.20	90.615.20	90.711.20	90.713.20	90.715.20
22	90.611.22	90.613.22	90.615.22	90.711.22	90.713.22	90.715.22
24	90.611.24	90.613.24	90.615.24	90.711.24	90.713.24	90.715.24





90.601.18 - 90.715.24



90.904.01
dust cover for minicutters

90.900.00 - 90.901.00

90.900.00	*70 W monopolar*	*60 W bipolar*	*115 / 230 V - 50/60 Hz*
90.901.00	*70 W monopolar*	*60 W bipolar*	*127 V - 60 Hz*



90.905.01
eletrode handle with a finger switch and connection cable of 4 m.



90.905.02
electrode handle without switch with connection cable of 4 m.



90.905.03
rubber neutral electrode



90.905.04 - 90.905.06
m

0.5	**90.905.04**
1.0	**90.905.05**
bottom	**90.905.06**



90.601.01
bipolar foot switch