



**MATHIEU**

14 cm / 5½"  
17 cm / 6¾"  
20 cm / 10"



**AN 100-14  
AN 100-17  
AN 100-20**

Schmales Maul  
narrow jaw  
boca estrecha

14 cm / 5½"  
17 cm / 6¾"



**AN 120-14  
AN 120-17**

Innensperre  
interior ratchet  
cremallera interior

17 cm / 6¾"  
20 cm / 8"  
24 cm / 9½"



**AN 150-17  
AN 150-20  
AN 150-24**

mit Rille  
grooved jaw  
con ranura

20 cm / 8"  
23 cm / 9"

**AN 155-20  
AN 155-23**



**NEIVERT**  
13 cm / 5"



**AN 112-13**




**ARRUGA**  
16 cm / 6¼"



**AN 170-16 | AN 171-16**

A

**AN 180-25**

**HOESEL**  
25 cm / 10"




**AN 190-15**

**CRILE**  
15 cm / 6"




**AN 200-12**

**DERF**  
12 cm / 4¾"



**AN 204-12**




**AN 210-13**

**WEBSTER**  
13 cm / 5"



14 cm / 5½"  
16 cm / 6¼"

**HEGAR-BAUMGARTNER**



**AN 220-14  
AN 220-16**



**HALSEY**  
13 cm / 5"



**AN 230-13**



**AN 232-13**



**CRILE-MURRAY**  
15 cm / 6"



**AN 240-15**



**BABY-CRILE-WOOD**  
15 cm / 6"



**AN 242-15**



15 cm / 6"  
18 cm / 7"  
20 cm / 8"

**CRILE-WOOD**

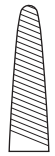


**AN 244-15  
AN 244-18  
AN 244-20**



13 cm / 5"  
18 cm / 7"

**BROWN**



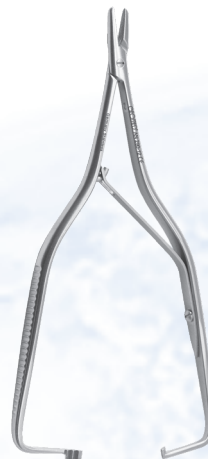
**AN 270-13  
AN 270-18**



**JAMESON**  
23 cm / 9"



**AN 280-23**



**BONYTON**  
12 cm / 4¾"

**AN 290-12**



**AN 304-25**

25 cm / 10"  
bajonettförmig  
bayonet shaped  
con forma de bayoneta



14 cm / 5½"  
16 cm / 6¼"  
18 cm / 7"  
20 cm / 8"  
24 cm / 9½"  
26 cm / 10¼"  
30 cm / 12"

**MAYO-HEGAR**



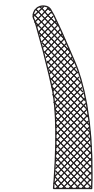
**AN 300-14**  
**AN 300-16**  
**AN 300-18**  
**AN 300-20**  
**AN 300-24**  
**AN 300-26**  
**AN 300-30**

fein  
fine  
delgado



**AN 310-16**  
**AN 310-18**  
**AN 310-20**  
**AN 310-24**  
**AN 310-30**

A



**AN 321-21**

**HEANEY**  
21 cm / 8¼"



**AN 330-27**

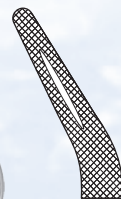
**MASSON**  
27 cm / 10½"



20 cm / 8"  
23 cm / 9"

**AN 350-20**  
**AN 350-23**

**STRATTE**



**AN 351-27**

**FINOCCHIETTO**  
27 cm / 10½"



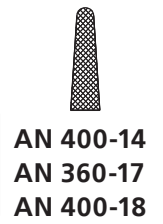
**AN 354-13**

**KILNER**  
13,5 cm / 5¼"



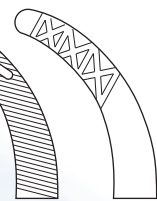
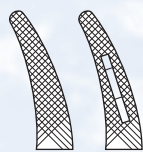
14 cm / 5½"  
17 cm / 6¾"  
18 cm / 7"

**OLSEN-HEGAR**



**AN 430-16**

**GILLIES**  
16 cm / 6¼"




**JOHNSON**  
27 cm / 10½"



  
**AN 440-17**


**ADSON**  
17 cm / 6<sup>3</sup>/<sub>4</sub>"



  
**AN 450-27**

**WANGENSTEEN**  
27 cm / 10<sup>3</sup>/<sub>4</sub>"







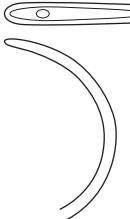
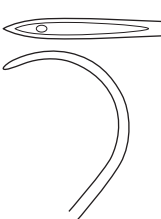
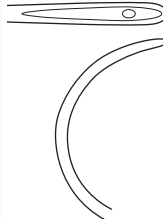
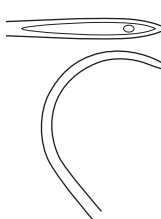
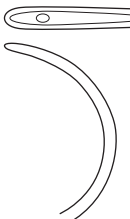
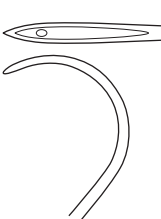

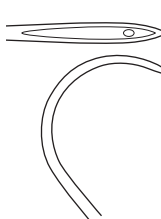
  
**AN 480-20**

**BOOZEMANN**  
20 cm / 8"





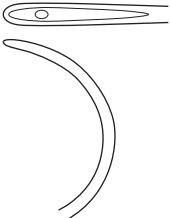
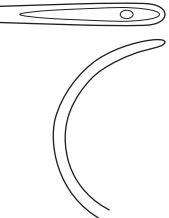
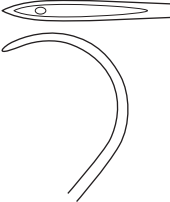
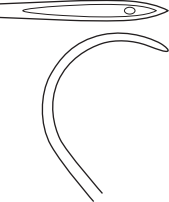
**DESCHAMPS**

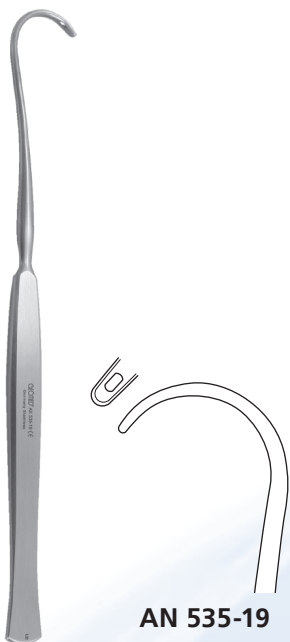
	für die linke Hand for the left hand para la mano izquierda		für die rechte Hand for the right hand para la mano derecha	
kleine Biegung small curve curva pequeño  20 cm / 8"	 <b>AN 600-20</b> stumpf blunt roma	 <b>AN 604-20</b> spitz sharp aguda	 <b>AN 601-20</b> stumpf blunt roma	 <b>AN 605-20</b> spitz sharp aguda
mittlere Biegung medium curve curva medio  20 cm / 8"	 <b>AN 500-20</b> stumpf blunt roma	 <b>AN 504-20</b> spitz sharp aguda	 <b>AN 501-20</b> stumpf blunt roma	 <b>AN 505-20</b> spitz sharp aguda
große Biegung large curve curva grande  21 cm / 8¼"	 <b>AN 510-21</b> stumpf blunt roma	 <b>AN 514-21</b> spitz sharp aguda	 <b>AN 511-21</b> stumpf blunt roma	 <b>AN 515-21</b> spitz sharp aguda

A

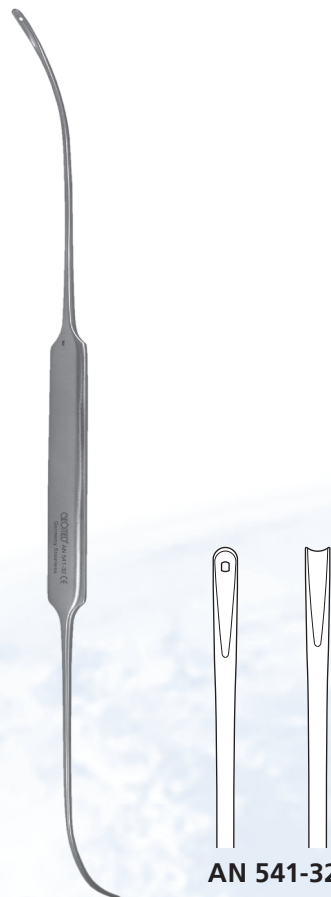


große Biegung  
large curve  
curva grande

	für die linke Hand for the left hand para la mano izquierda	für die rechte Hand for the right hand para la mano derecha
stumpf blunt roma  24 cm / 9½" 27 cm / 10¾" 28 cm / 11"	 <b>AN 530-24</b> <b>AN 590-27</b> <b>AN 580-28</b>	 <b>AN 531-24</b> <b>AN 591-27</b> <b>AN 581-28</b>
spitz sharp aguda  27 cm / 10¾"	 <b>AN 594-27</b>	 <b>AN 595-27</b>



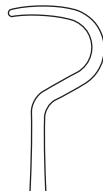
**COOPER**  
19 cm / 7½"



**SCHMIEDEN-DICK**  
32 cm / 12½"



15 cm / 6"  
17 cm / 6¾"



**AN 543-15**  
**AN 543-17**

**SYME**



**AN 550-20**  
biegsam  
malleable  
maleable

20 cm / 8"



Unterbindungsnadeln  
Ligature Needles  
Agujas para ligaduras

Führungshohlsonden  
Ligature Conductors  
Sondas conductoras

**BRUNNER**  
30 cm / 12"



**AN 561-01**  
**AN 561-02**

**AN 561-03**  
**AN 561-04**



**AN 570-13**    **AN 571-13**

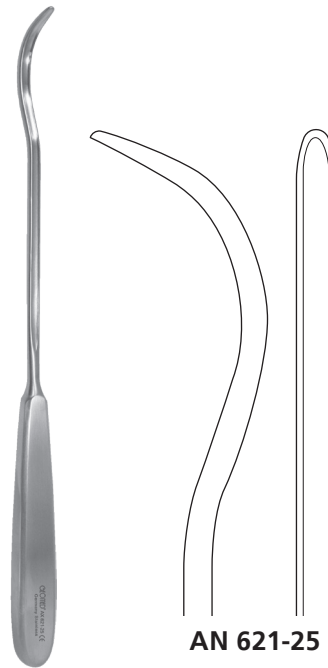
**KRONECKER**  
13 cm / 5"

A



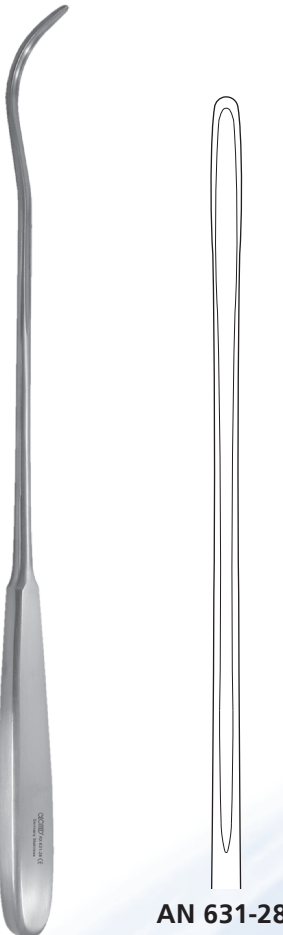
**AN 611-19**

19 cm / 7½"



**AN 621-25**

**KIRSCHNER**  
25 cm / 10"



**AN 631-28**

28 cm / 11"



**PAYR**  
22 cm / 8¾"

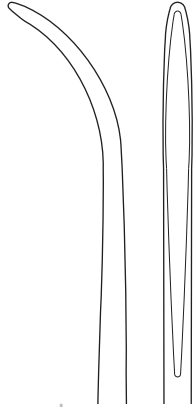
5 mm  
8 mm



**AN 640-01**  
**AN 640-02**

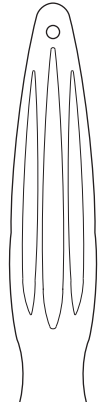
**AN 641-01**  
**AN 641-02**

**AN 661-19**  
20 cm / 8"  
5 mm



width 2,8 mm **AN 651-01**  
width 5,0 mm **AN 651-02**  
width 7,0 mm **AN 651-03**

**KÖNIG**  
19,5 cm / 7¾"



probes 11 mm, 16 cm / 6¼" **AN 681-16**  
probes 12 mm, 17 cm / 6¾" **AN 681-17**

**KOCHER**



**AN 691-18**

**SCHMIEDEN**  
18 cm / 7"



**AN 693-18**

**SCHMIEDEN-PAYR**  
18 cm / 7"

A



**FERROZELL**



18 cm / 7"  
27 cm / 10¾"

**AN 700-18-09**  
**AN 700-27-09**

**BRUNNER**



**FERROZELL**

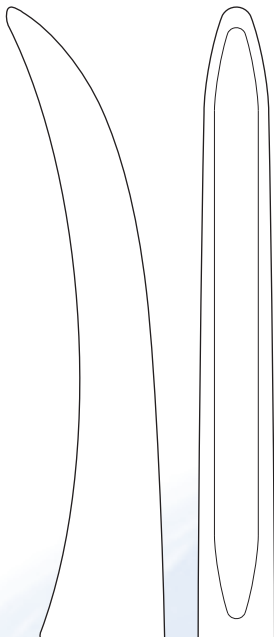


**AN 710-27-09**

**KIRSCHNER**  
27 cm / 10¾"



**FERROZELL**



**AN 721-19-09**

19 cm / 7½"



**AN 800-12**

**MICHEL**

12 cm / 4¾"

Wundklammernpinzette

Clips applying Forceps

Pinza para poner grapas



**AN 810-12**

**HEGENBARTH**

12,5 cm / 5"



**AN 820-12**

**WACHENFELDT**

12,5 cm / 5"



12 cm / 4¾"  
13 cm / 5"

**AN 830-12  
AN 835-13**

**MICHEL**



**AN 840-13**

**COLLIN**

13 cm / 5"

A



Packung à 100 Stück  
Verkaufseinheit: 10 Packungen = 1000 Stück



Package of 100 pieces  
Unit for Sale: 10 packages = 1000 each

Paquete de 100 piezas  
Unidad de venta: 10 paquetes = 1000 piezas

- |        |                  |
|--------|------------------|
| 7,5 mm | <b>AN 900-07</b> |
| 11 mm  | <b>AN 900-11</b> |
| 12 mm  | <b>AN 900-12</b> |
| 14 mm  | <b>AN 900-14</b> |
| 16 mm  | <b>AN 900-16</b> |
| 18 mm  | <b>AN 900-18</b> |
| 20 mm  | <b>AN 900-20</b> |
| 22 mm  | <b>AN 900-22</b> |

**MICHEL**



	14 cm / 5½"	19,5 cm / 7¾"
Fig 1		
Fig 2	<b>AN 920-01</b>	<b>AN 930-01</b>
Fig 3	<b>AN 920-02</b>	<b>AN 930-02</b>
Fig 4	<b>AN 920-03</b>	<b>AN 930-03</b>
	<b>AN 920-04</b>	<b>AN 930-04</b>

**REVERDIN**

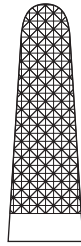




Glatt  
Smooth  
Lisa



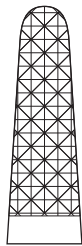
T02  
P02  
P02



T03  
P03  
P03



T04  
P04  
P04



T05  
P05  
P05



Diamond Grip  
Diamond Grip  
Diamond Grip

**GEOMED**<sup>®</sup> **GOLD-GRIP**<sup>®</sup> steht für höchste Qualitätsansprüche bei Hartmetall Nadelhalter.

Die Hartmetall-Einsätze sind durch unterschiedliche Strukturen auf das jeweilige Nahtmaterial abgestimmt, somit wird das sichere Fassen und Halten der Nadeln gewährleistet.

**GEOMED**<sup>®</sup> **GOLD-GRIP**<sup>®</sup> stands for high quality claims of tungsten carbide needle holder.

The tungsten carbide inserts have different structures and can be chosen according to the suture material, therefore a secure grasping of needles will be warranted.

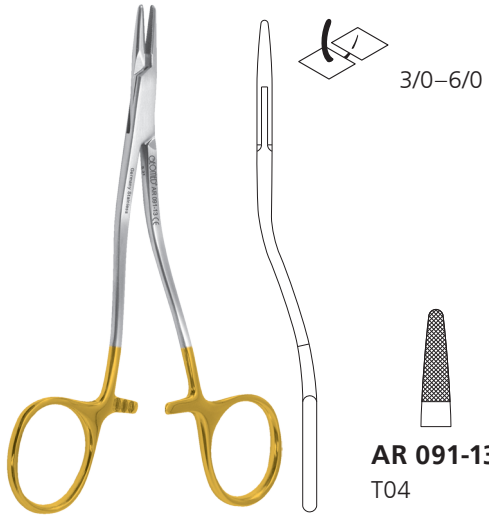
**GEOMED**<sup>®</sup> **GOLD-GRIP**<sup>®</sup> representa la máxima calidad en porta agujas de metal duro.

Las inserciones de metal duro están adecuadas a través de distintas estructuras al respectivo material de sutura, por lo tanto agarrar y sujetar las agujas seguramente está garantizado.



Nahtmaterial Suture Size para suturas	Glatt smooth lisa	Diamond Grip T02 P02 P02	T03 P03 P03	T04 P04 P04	T05 P05 P05
5					x
4					x
3					x
2					x
1					x
0					x
2/0					x
3/0				x	x
4/0				x	x
5/0			x	x	
6/0	x	x	x	x	
7/0	x	x	x		
8/0	x	x	x		
9/0	x	x			
10/0	x	x			
11/0	x	x			

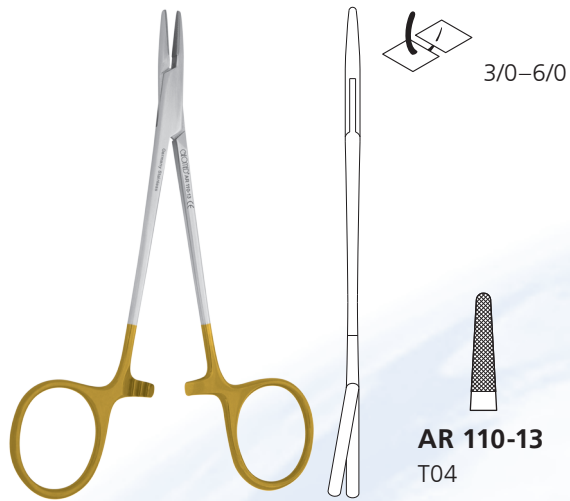
A



**KILNER**  
13,5 cm / 5¼"



**PAR**  
T02

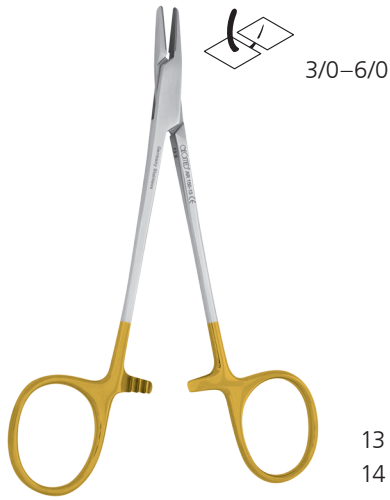


**NEIVERT**  
13 cm / 5"



**HALSEY**  
13 cm / 5"





13 cm / 5"  
14 cm / 5½"

**AR 150-13**  
**AR 150-14**



**HEGAR-BAUMGARTNER**  
T04



11 cm / 4¼"  
12 cm / 4¾"  
13 cm / 5"

glatt  
smooth  
lisa



**AR 170-11**  
**AR 174-12**  
**AR 170-13**

gerieft  
serrated  
estriada



**AR 170-12**

glatt  
smooth  
lisa



**CONVERSE**

**AR 172-12**

mit Umlaufsperre  
with quick release ratchet  
con bari aprisa

**AR 178-13**

**WEBSTER**

A



**DERF**  
12 cm / 4¾"

**AR 190-12**  
T04



**BABY CRILE**  
15 cm / 6"

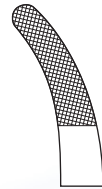
**AR 210-15**  
T04



**MAYO HEGAR**  
T05

- 13 cm / 4¾"
- 16 cm / 6¼"
- 18 cm / 7"
- 20 cm / 8"
- 24 cm / 9½"
- 26 cm / 10¼"
- 28 cm / 11"
- 30 cm / 12"
- 35 cm / 13¾"

- AR 200-13**
- AR 200-16**
- AR 200-18**
- AR 200-20**
- AR 200-24**
- AR 200-26**
- AR 200-28**
- AR 200-30**
- AR 200-35**



**AR 201-20**

Starkes Modell  
heavy model  
modelo fuerte



**AR 205-20**  
**AR 205-24**

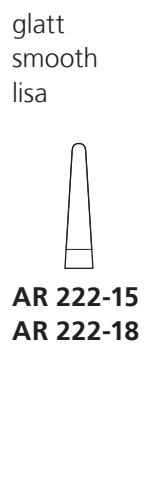
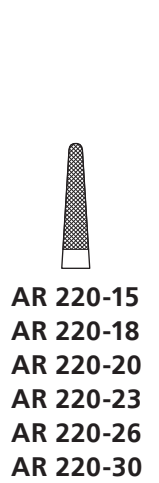
mit Umlaufsperre  
with quick release ratchet  
con bari aprisa



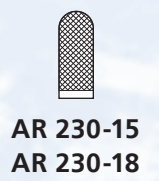
**AR 206-16**  
**AR 206-18**  
**AR 206-20**



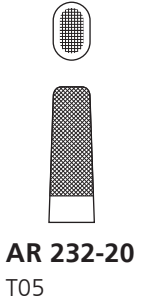
**CRILE-WOOD**  
T04



T05



**BAUMGARTNER**  
20 cm / 8"  
Drahtspannzange  
wire twister  
pinza para torcer alambre



A



5-4/0



**AR 238-18**

T05  
parallele Maulform  
parallel shape jaw  
forma paralelo de la mandíbula



**AR 240-18**

T05  
konische Maulform  
conical shape of jaw  
forma cónica de la mandíbula

18 cm / 7"

Sternumnadelhalter  
Sternum Needle Holder  
Porta-aguja para esternón



3/0-6/0



**AR 234-13**

13 cm / 4<sup>3</sup>/<sub>4</sub>"



**AR 234-15**

15 cm / 6"



**AR 234-18**

18 cm / 7"



**AR 236-15**

15 cm / 6"



**AR 237-15**

15 cm / 6"



**AR 236-18**

18 cm / 7"

T04

Sternumdrahtspannzangen  
Sternum wire twister  
Pinzas torcer alambre para esternón



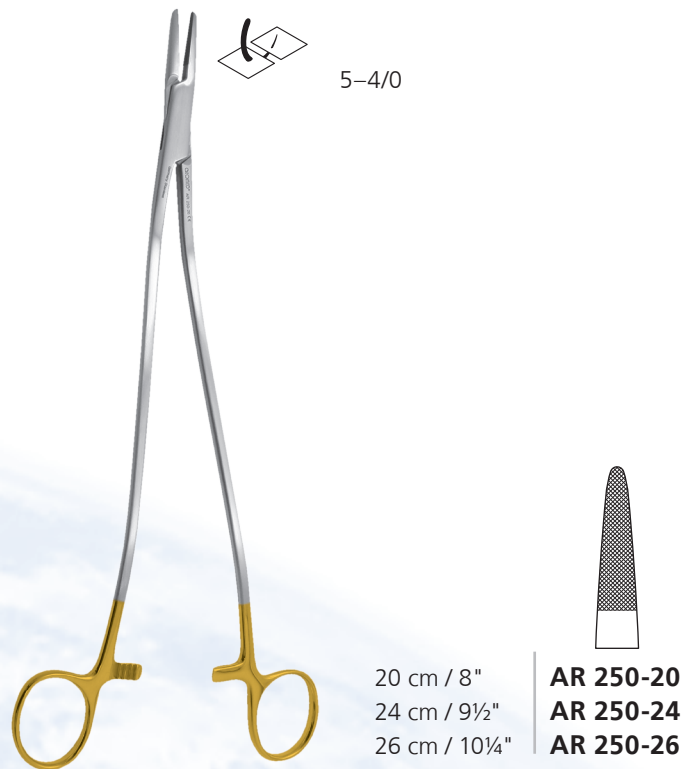
**COOLEY-BAUMGARTEN**  
21 cm / 8¼"



17 cm / 6¾"  
Drahtspannzange  
wire twister  
pinza para torcer alambre



**NEW ORLEANS**  
18 cm / 7"



**BOZEMAN**  
T05

20 cm / 8"  
24 cm / 9½"  
26 cm / 10¼"

A



- 13 cm / 5"
- 15 cm / 6"
- 16 cm / 6¼"
- 18 cm / 7"
- 20 cm / 8"
- 23 cm / 9"

**DIAMOND GRIP** 

Gefäß Nadelhalter  
Vascular Needle Holder  
Vasculares Porta-agujas



- AR 252-13**
- AR 252-15**
- AR 252-16**
- AR 252-18**
- AR 252-20**
- AR 252-23**



- 18 cm / 7"
- 20 cm / 8"

**MINI SAROT**



- AR 260-18**
- AR 260-20**



- 15 cm / 6"
- 16 cm / 6¼"
- 18 cm / 7"
- 20 cm / 8"
- 23 cm / 9"
- 26 cm / 10¼"
- 30 cm / 12"
- 37 cm / 14½"

**DEBAKEY**

T04



- AR 270-15**
- AR 270-18**
- AR 270-20**
- AR 270-23**
- AR 270-26**
- AR 270-30**
- AR 270-37**

gebogen  
curved  
curva

- AR 271-20**
- AR 271-23**

glatt  
smooth  
lisa



- AR 272-16**
- AR 272-18**

T02



- AR 276-15**
- AR 276-18**
- AR 276-20**
- AR 276-23**





12 cm / 4¾"  
15 cm / 6"  
18 cm / 7"  
20 cm / 8"  
23 cm / 9"



**AR 280-12**  
**AR 280-15**  
**AR 280-18**  
**AR 280-20**  
**AR 280-23**



**AR 284-12**  
**AR 284-15**  
**AR 284-18**  
**AR 284-20**  
**AR 284-23**

**MINI-RYDER**

T03; Breite 1,1 mm  
P03; width 1,1 mm  
P03; anchura 1,1 mm



13 cm / 5"  
15 cm / 6"  
16 cm / 6¼"  
18 cm / 7"  
20 cm / 8"  
23 cm / 9"




**AR 282-13**  
**AR 282-15**  
**AR 282-16**  
**AR 282-18**  
**AR 282-20**  
**AR 282-23**



12 cm / 4¾"  
15 cm / 6"  
16 cm / 6¼"  
18 cm / 7"  
20 cm / 8"  
23 cm / 9"  
26 cm / 10¼"



**AR 286-12**  
**AR 286-15**  
**AR 286-16**  
**AR 286-18**  
**AR 286-20**  
**AR 286-23**  
**AR 286-26**

**RYDER** **DIAMOND GRIP** 

Gefäß Nadelhalter; Breite 1,1 mm  
Vascular Needle Holder; width 1,1 mm  
Vasculares Porta-agujas; anchura 1,1 mm

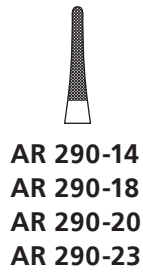
**RYDER**

T04; Breite 1,6 mm  
P04; width 1,6 mm  
P04; anchura 1,6 mm

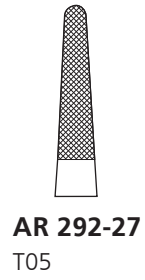
A



**HEGAR-VASCULAR**  
T03



**MASSON**  
27 cm / 10 3/4"

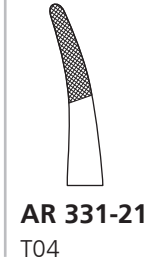


**WANGENSTEEN**  
27 cm / 10 3/4"



**JULIAN**  
21 cm / 8¼"

**AR 330-21**  
T04



**AR 331-21**  
T04



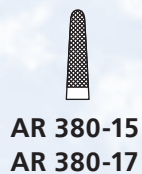
**LANGENBECK**  
20 cm / 8"

**AR 360-20**  
T04

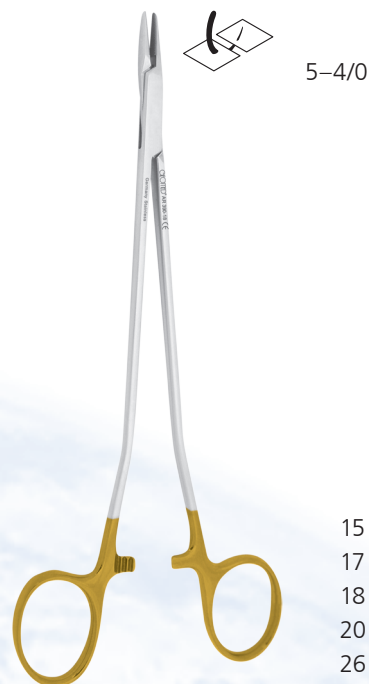


**COOLEY**  
T04

15 cm / 6"  
17 cm / 6¾"

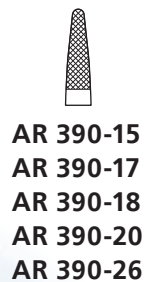


**AR 380-15**  
**AR 380-17**



**SAROT**  
T05

15 cm / 6"  
17 cm / 6¾"  
18 cm / 7"  
20 cm / 8"  
26 cm / 10¼"

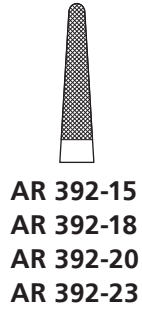


**AR 390-15**  
**AR 390-17**  
**AR 390-18**  
**AR 390-20**  
**AR 390-26**

A



**CRILE-WOOD**  
T04



- AR 392-15
- AR 392-18
- AR 392-20
- AR 392-23



**TOENNIS**  
18 cm / 7"



- AR 400-18



**HEANEY**  
T05

- AR 411-21
- AR 411-27



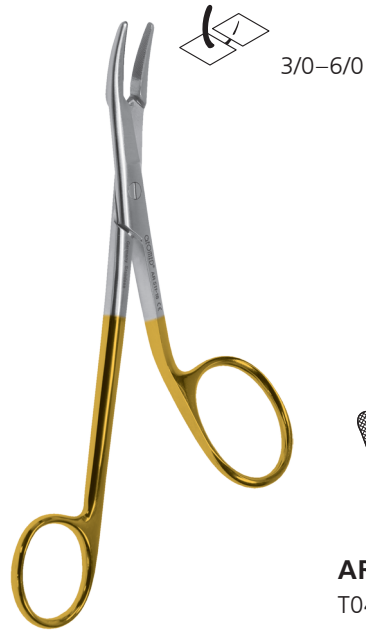
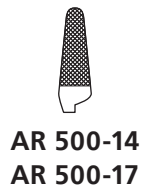
**STRATTE**  
T05



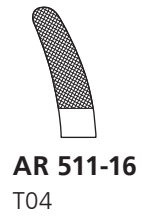
- AR 421-21
- AR 421-22
- AR 421-24



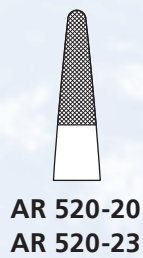
**OLSEN-HEGAR**  
T04



**GILLIES**  
16 cm / 6¼"



**ZWEIFEL**  
T05






A



5-4/0

14 cm / 5½"  
17 cm / 6¾"  
20 cm / 8"  
23 cm / 9"  
24 cm / 9½"

**MATHIEU**  
T05

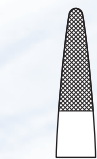
Innensperre inside lock interior cierre	Außensperre, schmal outside lock, narrow fuera cierre, estrecha	Außensperre outside lock fuera cierre
		
<b>AR 600-17</b> <b>AR 600-20</b> <b>AR 600-23</b>	<b>AR 620-14</b> <b>AR 620-17</b> <b>AR 620-20</b>	<b>AR 630-14</b> <b>AR 630-17</b> <b>AR 630-20</b> <b>AR 630-23</b> <b>AR 630-24</b>



5-4/0

17 cm / 6¾"  
20 cm / 8"

**LICHTENBERG**  
T05



**AR 670-17**  
**AR 670-20**



5-4/0

17 cm / 6¾"  
20 cm / 8"

**LICHTENBERG-RYDER**  
T05



**AR 680-17**  
**AR 680-20**



15 cm / 6"  
17 cm / 6<sup>3</sup>/<sub>4</sub>"  
19 cm / 7<sup>1</sup>/<sub>2</sub>"



**AR 870-15-04**  
**AR 870-17-04**  
**AR 870-19-04**

**RYDER** DIAMOND GRIP 



16 cm / 6<sup>1</sup>/<sub>4</sub>"  
18 cm / 7"  
20 cm / 8"  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



**AR 880-16-04**  
**AR 880-18-04**  
**AR 880-20-04**  
**AR 880-22-04**

**DIAMOND GRIP** 