

## OPEN SURGERY

*gall stone forceps*



**Magen; Darm; Rektum**  
***Stomach; Intestines; Rectum***

Estómago; Intestinos; Recto

Estomac; Intestins; Rectum

Stomaco; Inestini; Retto

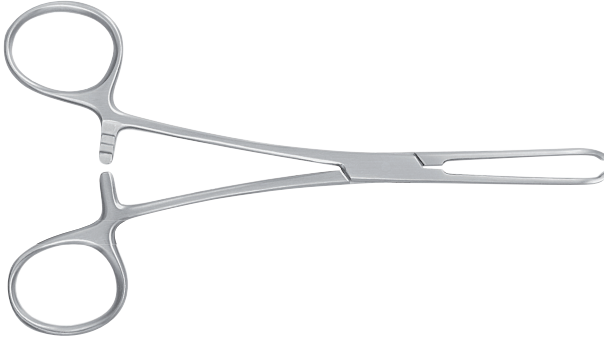
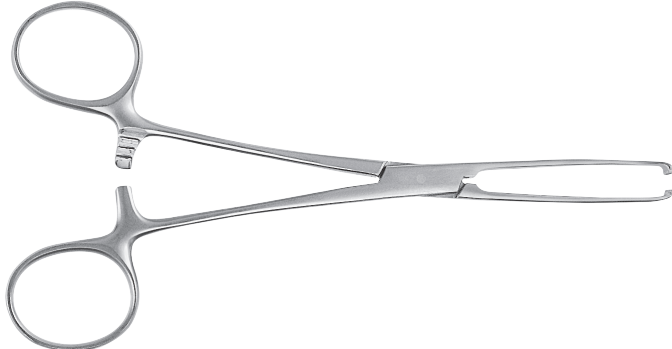
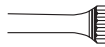
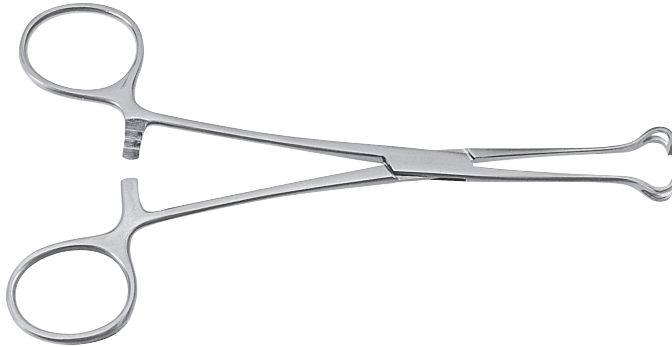
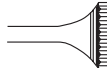
# 160-164

# Darm- und Gewebefasszangen Intestinal and Tissue Grasping Forceps

Pinzas para intestinos y tejidos  
Pinces pour saisir intestins et tissus  
Pinze per afferrare intestino e tessuti

**TONTARRA**



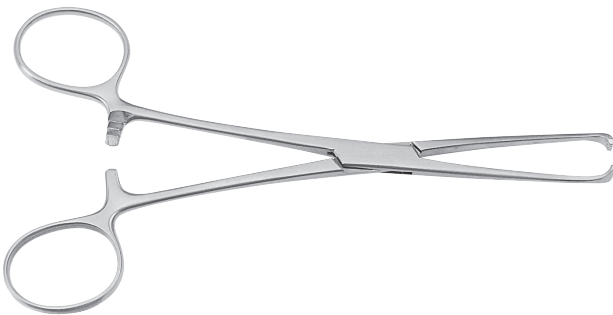
| Art.Nr.            | Beschreibung   Description | Size                                                                                 | Spez.                                                                                         |
|--------------------|----------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>ALLIS-BABY</b>  |                            |                                                                                      |  4 x 5     |
| 160-000-12         | 12,5 cm; 4 7/8"            |    |                                                                                               |
| 160-000-15         | 15,0 cm; 5 7/8"            |                                                                                      |                                                                                               |
| <b>ALLIS</b>       |                            |                                                                                      |  5 x 6     |
| 160-004-15         | 16,0 cm; 6 2/8"            |   |                                                                                               |
| 160-004-19         | 19,0 cm; 7 4/8"            |                                                                                      |          |
| 160-004-22         | 22,0 cm; 8 5/8"            |                                                                                      |                                                                                               |
| 160-004-25         | 25,0 cm; 9 7/8"            |                                                                                      |                                                                                               |
| <b>BABCOCK</b>     |                            |                                                                                      |                                                                                               |
| 160-006-16         | 16,0 cm; 6 2/8"            |  |                                                                                               |
| 160-006-18         | 18,0 cm; 7 1/8"            |                                                                                      |          |
| 160-006-20         | 20,0 cm; 7 7/8"            |                                                                                      |                                                                                               |
| 160-006-24         | 24,0 cm; 9 4/8"            |                                                                                      |                                                                                               |
| <b>ALLIS-ADAIR</b> |                            |                                                                                      |  10 x 11 |
| 160-010-15         | 15,0 cm; 5 7/8"            |  |          |

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Pinzas para intestinos y tejidos  
Pinces pour saisir intestins et tissus  
Pinze per afferrare intestino e tessuti

**TONTARRA**



| Art.Nr.    | Beschreibung   Description | Size                                                                                 | Spez.                                                                                       |
|------------|----------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|            | <b>BOYS-ALLIS</b>          |                                                                                      |  5 x 6   |
| 160-012-15 | 15,0 cm; 5 7/8"            |    |          |
| 1/1        |                            |                                                                                      |                                                                                             |
|            | <b>ALLIS</b>               |                                                                                      |  5 x 6   |
| 160-014-20 | 20,0 cm; 7 7/8"            |   |        |
| 1/1        |                            |                                                                                      |                                                                                             |
|            | <b>JUDD-ALLIS</b>          |                                                                                      |  3 x 4 |
| 160-040-15 | 15,0 cm; 5 7/8"            |  |        |
| 160-040-19 | 19,0 cm; 7 4/8"            |                                                                                      |                                                                                             |

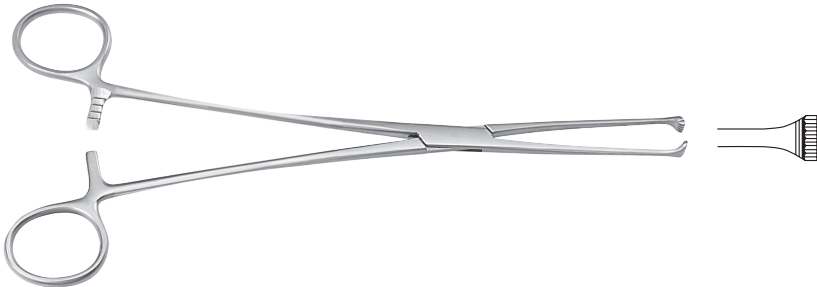
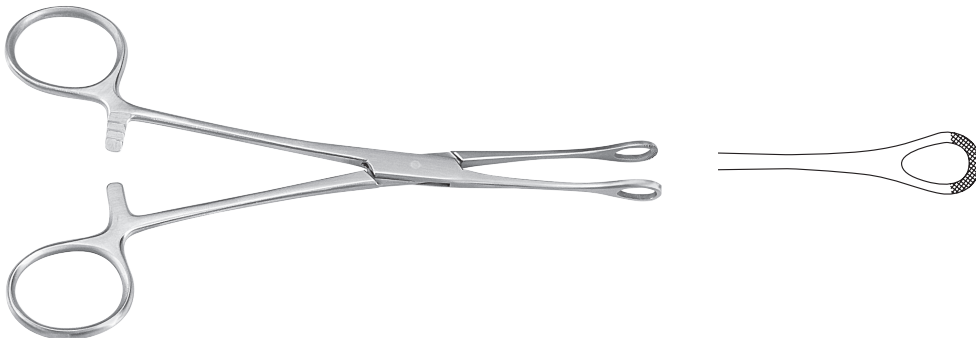
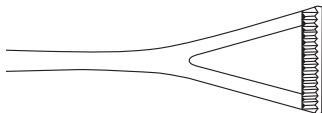
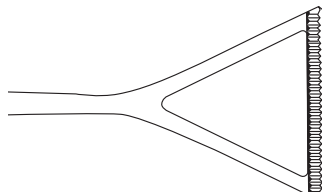
160

# Darm- und Gewebefasszangen Intestinal and Tissue Grasping Forceps

Pinzas para intestinos y tejidos  
Pinces pour saisir intestins et tissus  
Pinze per afferrare intestino e tessuti

**TONTARRA**



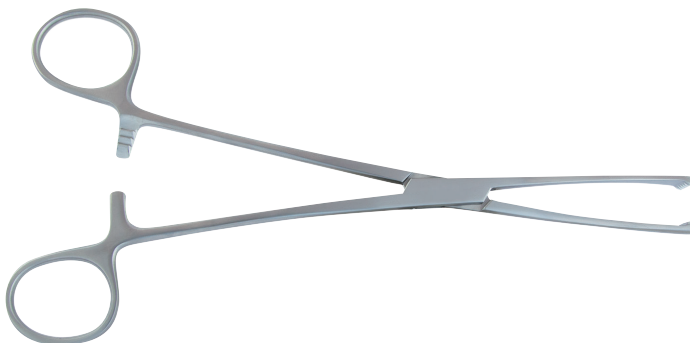
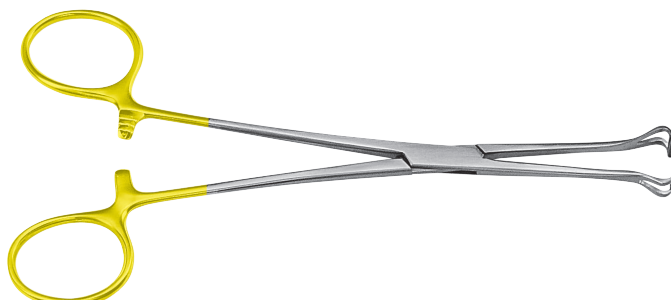
| Art.Nr.     | Beschreibung   Description | Size                                                                                | Spez.                                                                                     |
|-------------|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| THOMS-ALLIS |                            |                                                                                     |  6 x 7 |
| 160-050-20  | 20,0 cm; 7 7/8"            |   |                                                                                           |
| 1/1         |                            |                                                                                     |                                                                                           |
| WILLIAMS    |                            |                                                                                     |                                                                                           |
| 160-070-16  | 16,0 cm; 6 2/8"            |  |                                                                                           |
| 1/1         |                            |                                                                                     |                                                                                           |
| DUVAL       |                            |                                                                                     |                                                                                           |
| 160-170-18  | 18,0 cm; 7 1/8"            |  |                                                                                           |
| 160-170-20  | 20,0 cm; 7 7/8"            |                                                                                     |                                                                                           |
| 160-172-20  | 20,0 cm; 7 7/8"            |  |                                                                                           |
| 160-172-23  | 23,0 cm; 9"                |                                                                                     |                                                                                           |

# Darm- und Gewebefasszangen Intestinal and Tissue Grasping Forceps

Pinzas para intestinos y tejidos  
Pinces pour saisir intestins et tissus  
Pinze per afferrare intestino e tessuti

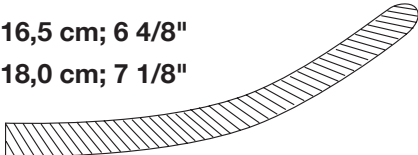
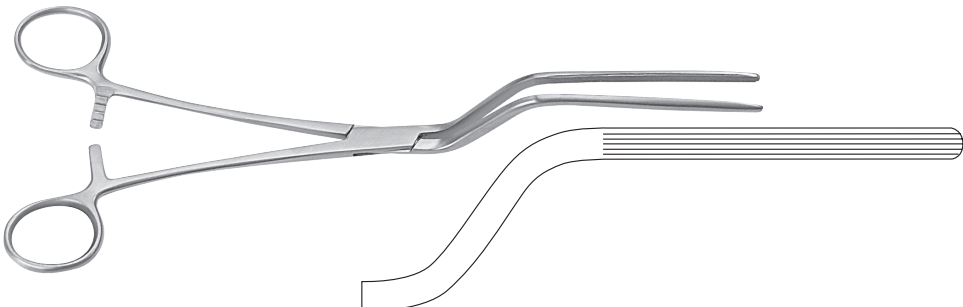
**TONTARRA**



| Art.Nr.                                                                              | Beschreibung   Description | Size                                                                                                                                                                                                                                                             | Spez. |
|--------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| LOCKWOOD                                                                             |                            |                                                                                                                                                                                                                                                                  |       |
| 160-176-20                                                                           | 20,0 cm; 7 7/8"            |                                                                                                                                                                                |       |
| BABCOCK                                                                              |                            |                                                                                                                                                                                                                                                                  |       |
| 160-180-16                                                                           | 16,5 cm; 6 4/8"            |    |       |
| 160-180-20                                                                           | 21,0 cm; 8 2/8"            |                                                                                                                                                                                                                                                                  |       |
| 160-190-20                                                                           | DUVAL                      | 20,0 cm; 7 7/8"                                                                                                                                                                                                                                                  | TC    |
|  |                            |                                                                                                                                                                                                                                                                  |       |

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| Art.Nr.           | Beschreibung   Description                                                           | Size                                                                                 | Spez.           |
|-------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|
| <b>DOYEN-BABY</b> |                                                                                      |                                                                                      |                 |
|                   |     |                                                                                      |                 |
|                   | gerade   straight   recta   droite   retta                                           | gebogen   curved   curva   courbe   curva                                            |                 |
| 160-200-16        | 16,5 cm; 6 4/8"                                                                      | 160-201-16                                                                           | 16,5 cm; 6 4/8" |
| 160-200-18        | 18,0 cm; 7 1/8"                                                                      | 160-201-18                                                                           | 18,0 cm; 7 1/8" |
|                   |     |   |                 |
| <b>DOYEN</b>      |                                                                                      |                                                                                      |                 |
|                   |   |                                                                                      |                 |
|                   | gerade   straight   recta   droite   retta                                           |                                                                                      |                 |
| 160-210-21        | 21,0 cm; 8 2/8"                                                                      |                                                                                      |                 |
| 160-210-23        | 23,0 cm; 9"                                                                          |                                                                                      |                 |
|                   |  |                                                                                      |                 |
|                   |                                                                                      |  |                 |
|                   | gebogen   curved   curva   courbe   curva                                            |                                                                                      |                 |
| 160-211-21        | 21,0 cm; 8 2/8"                                                                      |                                                                                      |                 |
| 160-211-23        | 23,0 cm; 9"                                                                          |                                                                                      |                 |
| 160-240-24        | <b>BRUNNER</b>                                                                       | 24,0 cm; 9 4/8"                                                                      |                 |
|                   |  |                                                                                      |                 |



| Art.Nr. | Beschreibung   Description | Size | Spez. |
|---------|----------------------------|------|-------|
|---------|----------------------------|------|-------|

### MAYO-ROBSON



gerade | straight | recta | droite | retta

160-230-21 21,5 cm; 8 4/8"

160-230-23 23,5 cm; 9 2/8"

160-230-25 25,5 cm; 10"



gebogen | curved | curva | courbe | curva

160-231-21 21,5 cm; 8 4/8"

160-231-23 23,0 cm; 9"

160-231-25 24,5 cm; 9 5/8"



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### KOCHER

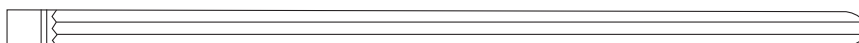


gerade | straight | recta | droite | retta

160-234-22 22,5 cm; 8 7/8"

160-234-25 25,0 cm; 9 7/8"

160-234-28 28,0 cm; 11,2"

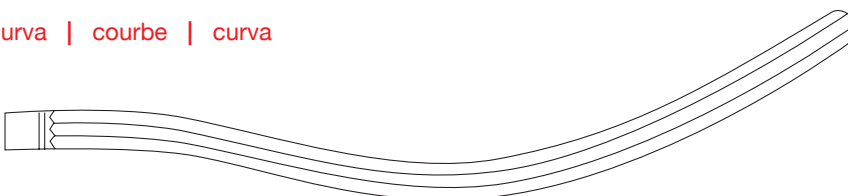


gebogen | curved | curva | courbe | curva

160-235-22 22,0 cm; 8 5/8"

160-235-25 25,0 cm; 9 7/8"

160-235-28 27,5 cm; 10 6/8"



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# Darmquetschklemmen Intestinal and Pylorus Clamps

Pinzas intestinales para píloro

Ecraseur pour l'intestin

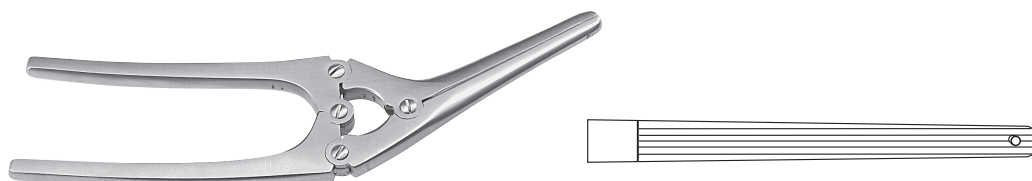
Schiacciatori intestinali

TONTARRA



| Art.Nr.    | Beschreibung   Description | Size        | Spez. |
|------------|----------------------------|-------------|-------|
| 160-310-15 | PAYR-BABY                  | 15,0 cm; 6" |       |

mit Stift | with pin | con espiga | avec cheville | con perno



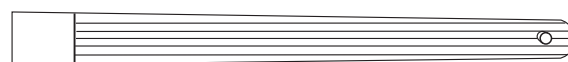
1/1

## PAYR

mit Stift | with pin | con espiga | avec cheville | con perno



|            |                  |
|------------|------------------|
| 160-310-21 | 21,0 cm; 8 2/8"  |
| 160-310-29 | 29,0 cm; 11 3/8" |
| 160-310-35 | 34,0 cm; 13 3/8" |



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# Darm-Anastomosenklemmen Intestinal Anastomosis Clamps

Pinzas para anastomosis intestinales  
Pinces pour anastomoses intestinales  
Pinze per anastomosi intestinali



| Art.Nr.                                                                                                     | Beschreibung   Description | Size                                                                              | Spez. |
|-------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------|-------|
| <b>DE MARTEL-WOLFSON</b>                                                                                    |                            |                                                                                   |       |
| Pack á 3 Stück   Set with 3 pieces<br>Paquete con 3 piezas   Paquet avec 3 pièces   Confezione di 3 pezzi   |                            |                                                                                   |       |
| 160-320-05                                                                                                  | 50 mm                      |  |       |
| 160-320-07                                                                                                  | 70 mm                      |                                                                                   |       |
| 160-320-10                                                                                                  | 100 mm                     |                                                                                   |       |
| 160-320-12                                                                                                  | 120 mm                     |                                                                                   |       |
| 160-325-26                                                                                                  | <b>DE MARTEL-WOLFSON</b>   | 25,0 cm; 9 7/8"                                                                   |       |
| Klemmschließzange   Closing forceps<br>Pinza para cerrar grapas   Pince pour fermer les clamps   Serrapinza |                            |                                                                                   |       |
|                         |                            |                                                                                   |       |
| 160-340-08                                                                                                  | <b>DE MARTEL-WOLFSON</b>   | 9,5 cm; 3 6/8"                                                                    |       |
| Klemmenhalter   Clamp holder<br>Porta-pinza   Porte-pince   Portapinza                                      |                            |                                                                                   |       |
|                          |                            |                                                                                   |       |
| 160-340-23                                                                                                  | <b>DE MARTEL-WOLFSON</b>   | 23,0 cm; 9"                                                                       |       |
| Klemmenhalter   Clamp holder<br>Porta-pinza   Porte-pince   Portapinza                                      |                            |                                                                                   |       |
|                          |                            |                                                                                   |       |

# Darm-Anastomosenklemmen Intestinal anastomosis Clamps

Pinzas para anastomosis intestinales  
Pinces pour anastomoses intestinales  
Pinze per anastomosi intestinali

TONTARRA



| Art.Nr.    | Beschreibung   Description | Size            | Spez. |
|------------|----------------------------|-----------------|-------|
| 160-342-15 | <b>BENSON</b>              | 15,5 cm; 6 1/8" |       |

**Pylorusspreizer | Pylorus Spreader**

Separador para piloro | Écarteur de pylore | Divaricatore pilorio



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**STONE-WATT**



160-345-07 8,5 cm; 3 3/8"

160-345-10 11,0 cm; 4 3/8"

|            |                   |                 |  |
|------------|-------------------|-----------------|--|
| 160-347-15 | <b>STONE-WATT</b> | 16,0 cm; 6 2/8" |  |
|------------|-------------------|-----------------|--|

**Schließklemme | Closing Forceps**

Pinza para cerrar clamps | Pince pour fermer les clamps | Serrapinza e portapinza

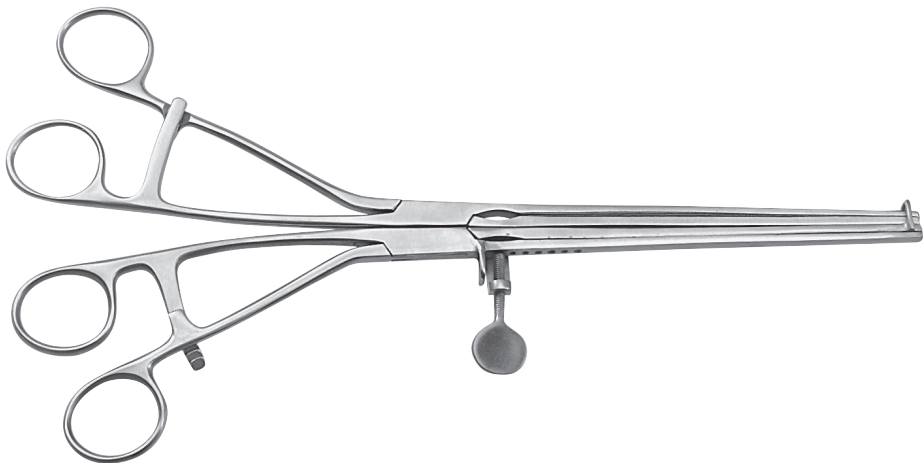


Magen- und Darm-Zwillingsklemmen  
Stomach and Intestinal anastomosis Twin Clamps

Pinzas gastro-intestinales gemelas  
Pincés gémellaires stomacales et intestinales  
Pinze gastrointestinali gemelle



| Art.Nr. | Beschreibung   Description | Size             | Spez. |
|---------|----------------------------|------------------|-------|
|         | LANE                       | 30,0 cm; 11 6/8" |       |



gerade | straight | recta | droite | retta

160-360-30



gebogen | curved | curva | courbe | curva

160-361-30



# Darm- und Gewebefasszangen Intestinal and Tissue Grasping Forceps

Pinzas para intestinos y tejidos  
Pinces pour saisir intestins et tissus  
Pinze per afferrare intestino e tessuti

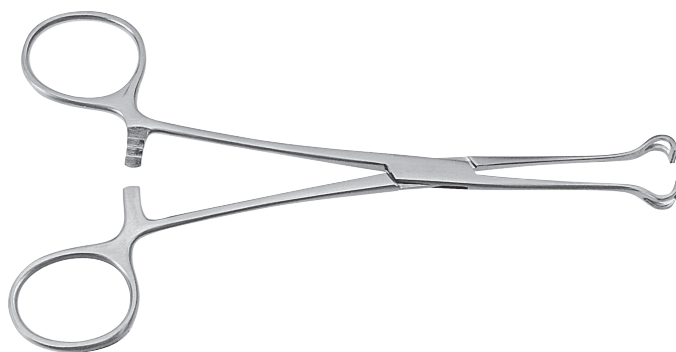
TONTARRA



| Art.Nr. | Beschreibung   Description | Size | Spez. |
|---------|----------------------------|------|-------|
|---------|----------------------------|------|-------|

## BABCOCK

ATRAUMA



|            |                 |  |
|------------|-----------------|--|
| 164-006-16 | 16,0 cm; 6 2/8" |  |
|------------|-----------------|--|

|            |                 |  |
|------------|-----------------|--|
| 164-006-20 | 20,0 cm; 7 7/8" |  |
|------------|-----------------|--|



|            |              |  |
|------------|--------------|--|
| 164-006-30 | 30,0 cm; 12" |  |
|------------|--------------|--|

## ALLIS

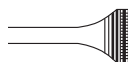
ATRAUMA



|            |                 |  |
|------------|-----------------|--|
| 164-124-16 | 16,0 cm; 6 2/8" |  |
|------------|-----------------|--|

|            |                 |  |
|------------|-----------------|--|
| 164-124-20 | 20,0 cm; 7 7/8" |  |
|------------|-----------------|--|

|            |                 |  |
|------------|-----------------|--|
| 164-124-25 | 25,0 cm; 9 7/8" |  |
|------------|-----------------|--|



|            |              |  |
|------------|--------------|--|
| 164-124-30 | 30,0 cm; 12" |  |
|------------|--------------|--|



| Art.Nr. | Beschreibung   Description | Size | Spez. |
|---------|----------------------------|------|-------|
|---------|----------------------------|------|-------|

**DOYEN**

ATRAUMA



gerade | straight | recta | droite | retta

164-210-16 16,0 cm; 6 2/8"

164-210-18 18,0 cm; 7"

164-210-21 21,0 cm, 8 2/8"

164-210-23 23,0 cm, 9"



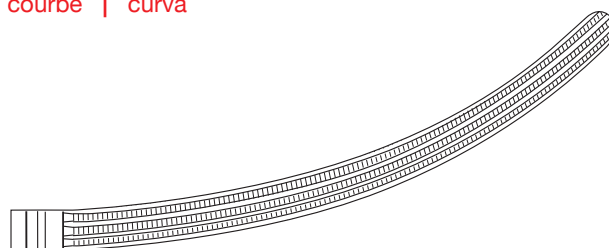
gebogen | curved | curva | courbe | curva

164-211-16 16,0 cm; 6 2/8"

164-211-18 18,0 cm; 7"

164-211-21 21,0 cm, 8 2/8"

164-211-23 23,0 cm, 9"





| Art.Nr. | Beschreibung   Description | Size | Spez. |
|---------|----------------------------|------|-------|
|---------|----------------------------|------|-------|

### MAYO-ROBSON

ATRAUMA

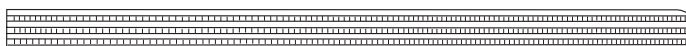


gerade | straight | recta | droite | retta

164-230-21 21,0 cm; 8 2/8"

164-230-23 23,0 cm; 9"

164-230-25 25,0 cm; 9 2/8"

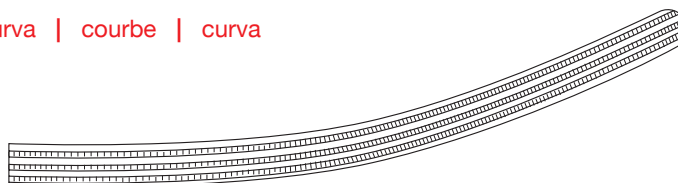


gebogen | curved | curva | courbe | curva

164-231-21 21,0 cm; 8 2/8"

164-231-23 23,0 cm; 9"

164-231-25 25,0 cm; 9 2/8"



### KOCHER

ATRAUMA

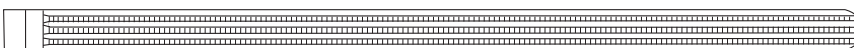


gerade | straight | recta | droite | retta

164-234-22 22,0 cm; 8 5/8"

164-234-25 25,0 cm; 9 7/8"

164-234-28 28,0 cm; 11"

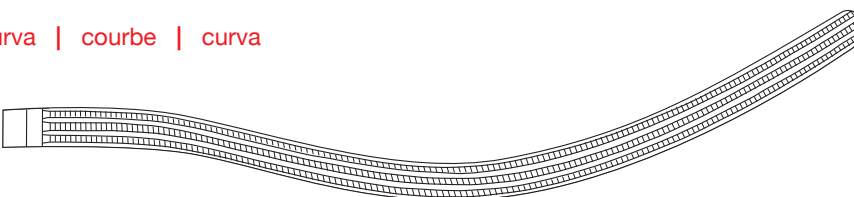


gebogen | curved | curva | courbe | curva

164-235-22 22,0 cm; 8 5/8"

164-235-25 25,0 cm; 9 7/8"

164-235-28 28,0 cm; 11"



Darmklemmen  
Intestinal Clamps

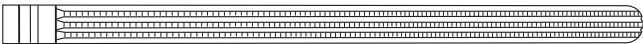
Pinzas intestinales  
Pinces intestinales  
Pinze intestinali



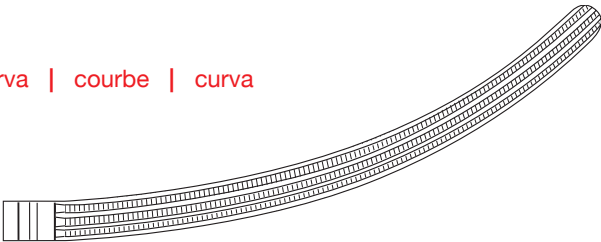
| Art.Nr. | Beschreibung   Description | Size            | Spez.   |
|---------|----------------------------|-----------------|---------|
|         | KOCHER-BABY                | 13,0 cm; 5 1/8" | ATRAUMA |



164-238-13 gerade | straight | recta | droite | retta

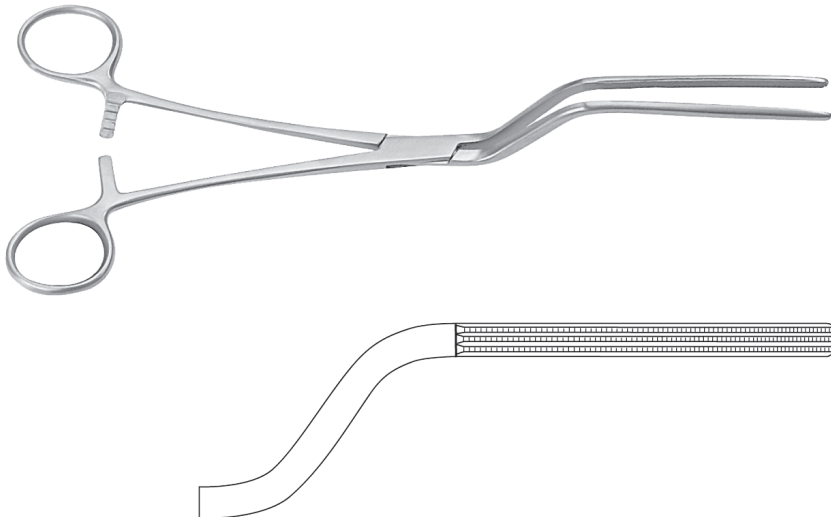


164-239-13 gebogen | curved | curva | courbe | curva



1/1

|            |         |                  |         |
|------------|---------|------------------|---------|
| 164-240-24 | BRUNNER | 27,0 cm; 10 6/8" | ATRAUMA |
|------------|---------|------------------|---------|





| Art.Nr. | Beschreibung   Description | Size                | Spez.          |
|---------|----------------------------|---------------------|----------------|
|         | <b>SCUDDER</b>             | <b>33,0 cm; 13"</b> | <b>ATRAUMA</b> |



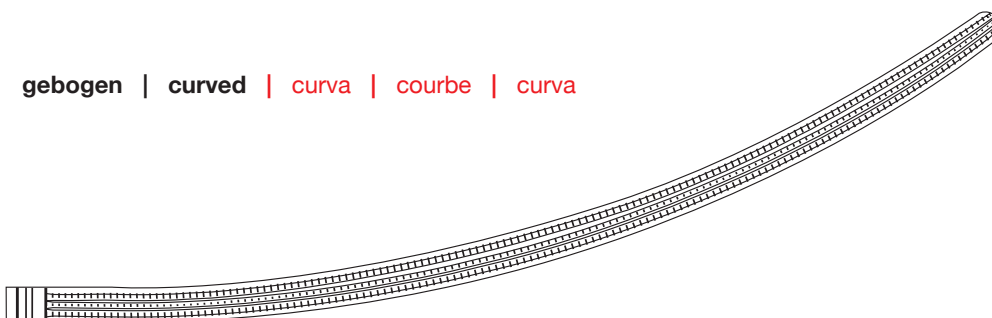
gerade | straight | recta | droite | retta

164-364-33



gebogen | curved | curva | courbe | curva

164-365-33





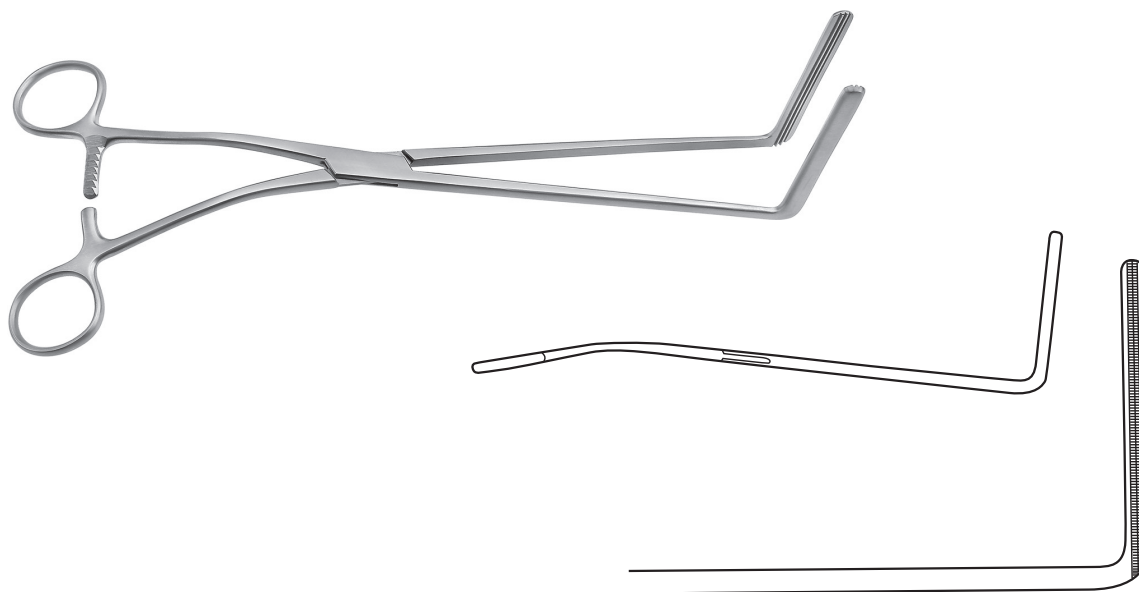
# Rektumklemmen Sigmoid Anastomosis Clamps

Pinzas para anastomosis rectales  
Pinces pour anastomoses rectales  
Pinze per anastomosi rettali

**TONTARRA**

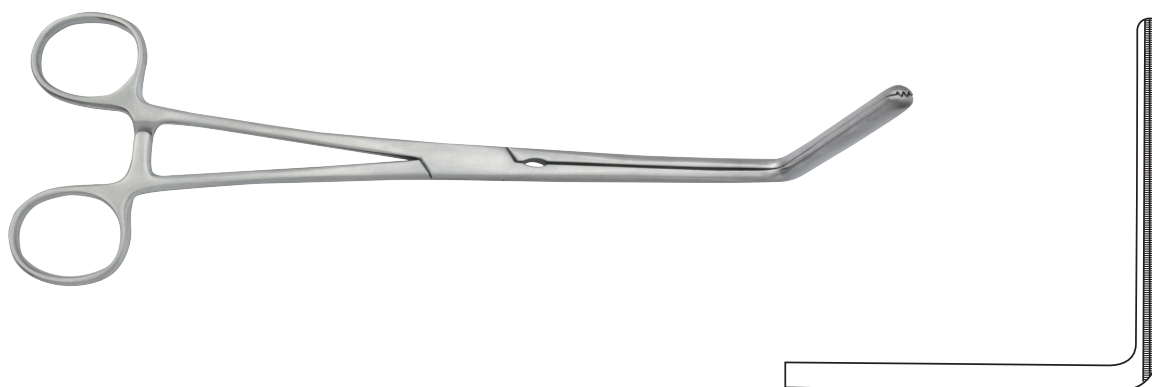


| Art.Nr.    | Beschreibung   Description | Size         | Spez.                           |
|------------|----------------------------|--------------|---------------------------------|
| 164-370-30 | RESANO                     | 28,0 cm; 11" | <div> <div>ATRAUMA</div> </div> |



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|            |         |                 |                                 |
|------------|---------|-----------------|---------------------------------|
| 164-374-24 | FEHLAND | 24,0 cm; 9 4/8" | <div> <div>ATRAUMA</div> </div> |
|------------|---------|-----------------|---------------------------------|



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164

# Rektum-Anastomosenklemmen Sigmoid Anastomosis Clamps

Pinzas para anastomosis rectales  
Pinces pour anastomoses rectales  
Pinze per anastomosi rettali

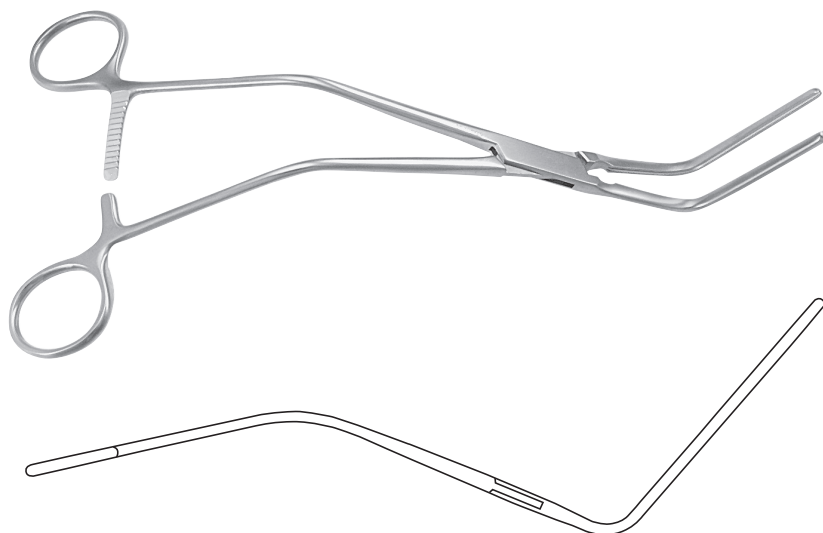
TONTARRA



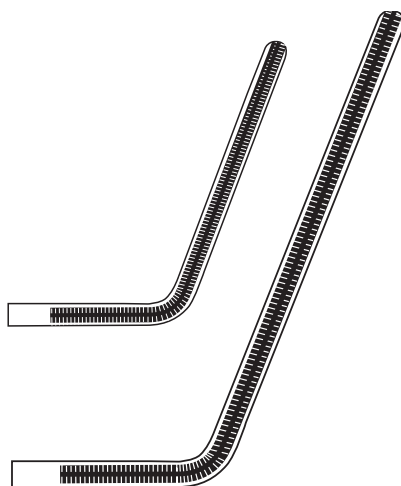
| Art.Nr. | Beschreibung   Description | Size | Spez. |
|---------|----------------------------|------|-------|
|---------|----------------------------|------|-------|

HAYES

ATRAUMA



164-376-26 26,0 cm; 10 2/8"



164-376-28 28,0 cm; 11"

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