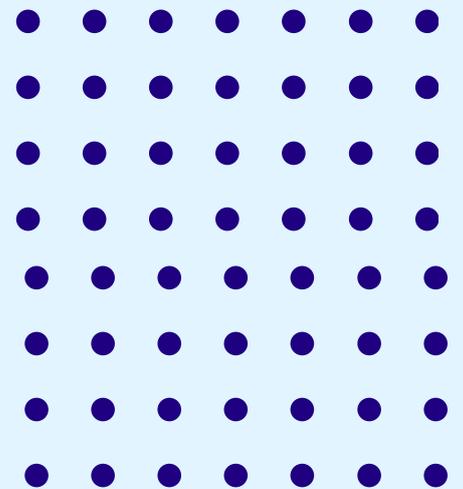


Punches, Rongeurs,  
Crocodiles, Scissors,  
Biopsy Instruments

**Metal  
storm co.**





## MISSION STATEMENT

Metal storm co is committed to produce a selected range of top quality medical products under its brand name for operation theatres use. Our products and the workers at their best, will enable us to keep on offering a natural service to living-beings for worth living. We will support our customers in a professional way so that they represent us around the globe as a better source to doctors and hospitals. A careful stock management program will be the key to deliver best quality products on time. Metal Storm co. will continuously work hard to be considered as a top brand name in medical world. The core strategy is based on "monopoly" to serve humanity at its best.

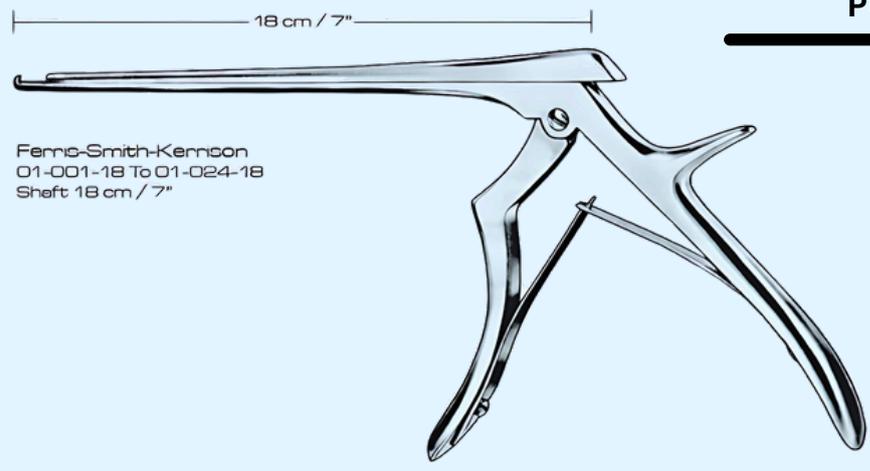
## QUALITY POLICY

"Metal storm co concentrates on customer's satisfaction by producing perfect products at good price without compromising on raw material and delivery schedule. By using our instruments, perfect surgery results to the doctors is our priority to keep patients healthy and happy".





**PUNCHES**



Fene-Smith-Kernson  
 01-001-18 To 01-024-18  
 Sheft 18 cm / 7"

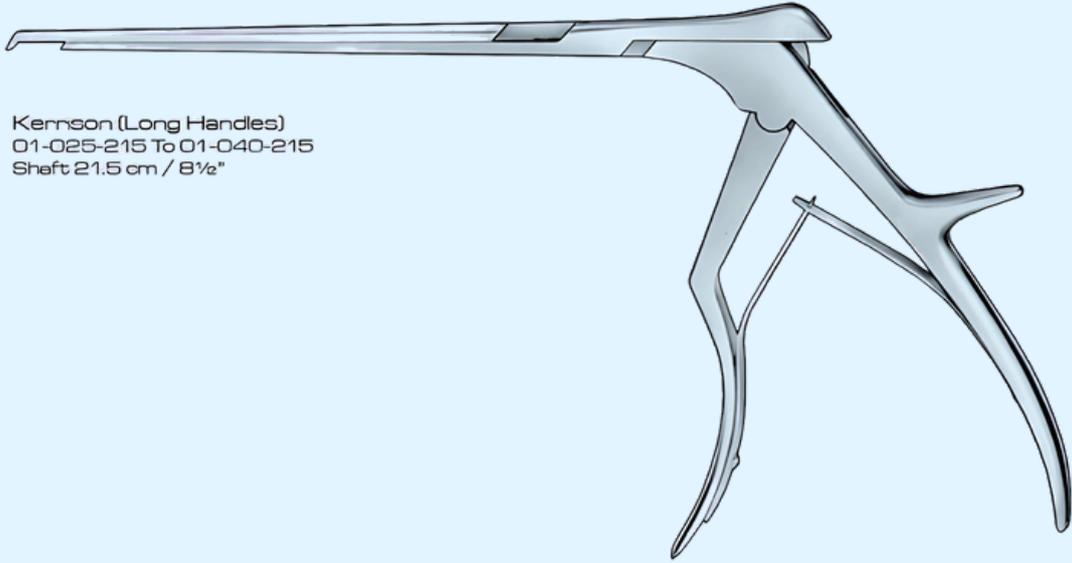
|     |  |                       |     |  |                       |
|-----|--|-----------------------|-----|--|-----------------------|
| 1/1 |  | 01-001-18<br>1 X 2 mm | 1/1 |  | 01-007-18<br>1 X 2 mm |
| 1/1 |  | 01-002-18<br>2 X 2 mm | 1/1 |  | 01-008-18<br>2 X 3 mm |
| 1/1 |  | 01-003-18<br>3 X 3 mm | 1/1 |  | 01-009-18<br>3 X 4 mm |
| 1/1 |  | 01-004-18<br>4 X 3 mm | 1/1 |  | 01-010-18<br>4 X 4 mm |
| 1/1 |  | 01-005-18<br>5 X 3 mm | 1/1 |  | 01-011-18<br>5 X 5 mm |
| 1/1 |  | 01-006-18<br>6 X 4 mm | 1/1 |  | 01-012-18<br>6 X 5 mm |
|     |  |                       |     |  |                       |
|     |  | 01-013-18<br>1 X 2 mm | 1/1 |  | 01-019-18<br>1 X 2 mm |
|     |  | 01-014-18<br>2 X 2 mm | 1/1 |  | 01-020-18<br>2 X 3 mm |
|     |  | 01-015-18<br>3 X 3 mm | 1/1 |  | 01-021-18<br>3 X 4 mm |
|     |  | 01-016-18<br>4 X 3 mm | 1/1 |  | 01-022-18<br>4 X 4 mm |
|     |  | 01-017-18<br>5 X 3 mm | 1/1 |  | 01-023-18<br>5 X 5 mm |
|     |  | 01-018-18<br>6 X 4 mm | 1/1 |  | 01-024-18<br>6 X 5 mm |



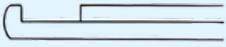


Metal Storm Co

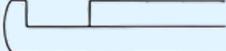
**PUNCHES**



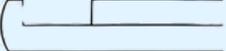
Kemson (Long Handles)  
 01-025-215 To 01-040-215  
 Shaft 21.5 cm / 8½"

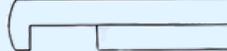
1/1   01-025-215  
2 X 2 mm

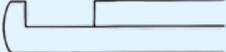
1/1   01-029-215  
2 X 2 mm

1/1   01-026-215  
3 X 3 mm

1/1   01-030-215  
3 X 3 mm

1/1   01-027-215  
4 X 3 mm

1/1   01-031-215  
4 X 3 mm

1/1   01-028-215  
5 X 3 mm

1/1   01-032-215  
5 X 3 mm

1/1   01-033-215  
2 X 3 mm

1/1   01-037-215  
2 X 3 mm

1/1   01-034-215  
3 X 4 mm

1/1   01-038-215  
3 X 4 mm

1/1   01-035-215  
4 X 4 mm

1/1   01-039-215  
4 X 4 mm

1/1   01-036-215  
5 X 5 mm

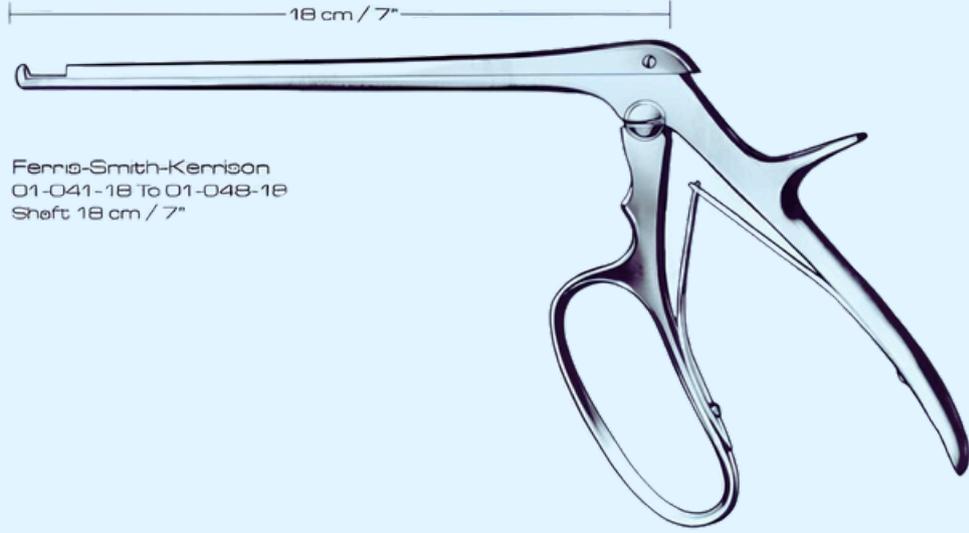
1/1   01-040-215  
5 X 5 mm



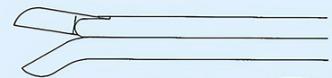
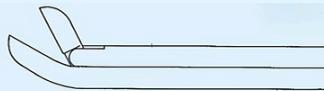
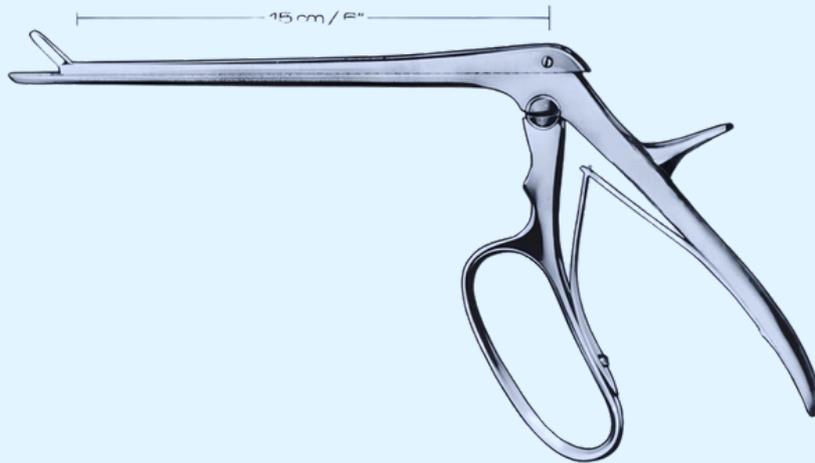
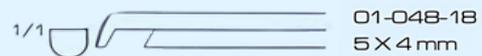
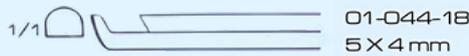
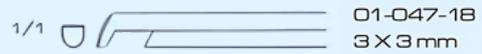
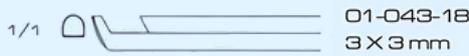
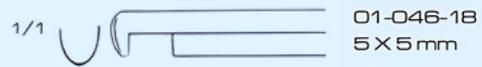
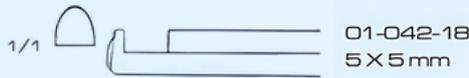
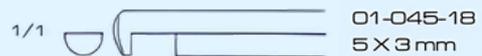
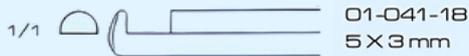


Metal Storm Co

**PUNCHES AND RONGEURS**



Ferno-Smith-Kerrison  
01-041-18 To 01-048-18  
Shaft 18 cm / 7"



1/1 1/1 1/1   
01-049-15 01-050-15 01-051-15  
2 X 10mm 3 X 10mm 4 X 10mm

1/1 1/1 1/1   
01-054-15 01-055-15 01-056-15  
2 X 10mm 3 X 10mm 4 X 10mm

1/1 1/1 1/1   
01-059-15 01-060-15 01-061-15  
2 X 10mm 3 X 10mm 4 X 10mm

1/1 1/1   
01-052-15 01-053-15  
5 X 10mm 6 X 10mm

1/1 1/1   
01-057-15 01-058-15  
5 X 10mm 6 X 10mm

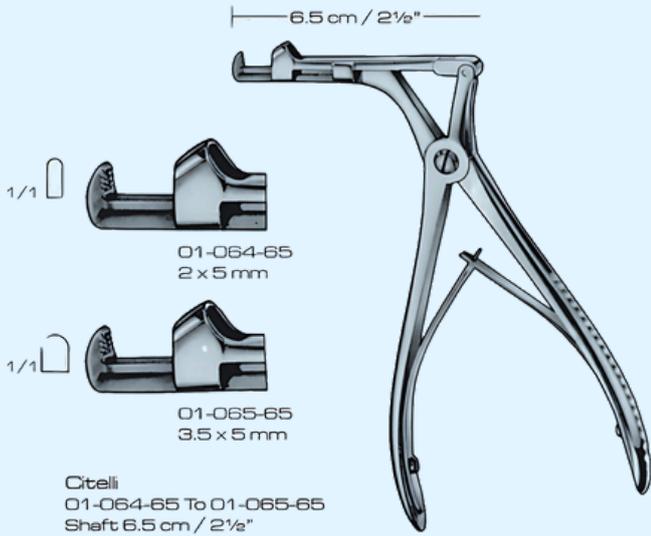
1/1 1/1   
01-062-15 01-063-15  
5 X 10mm 6 X 10mm



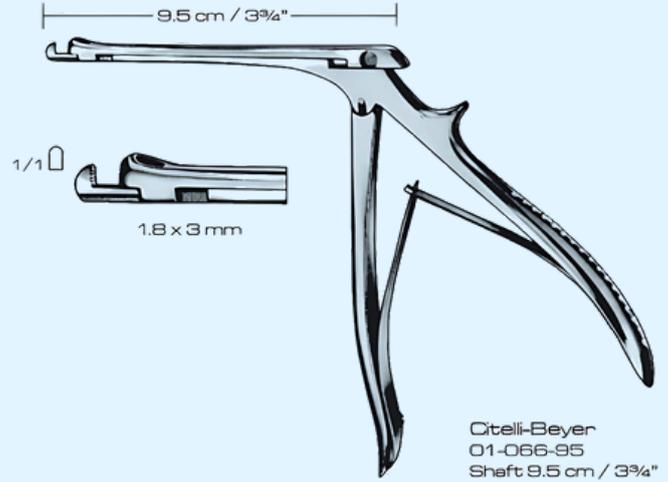


Metal Storm Co

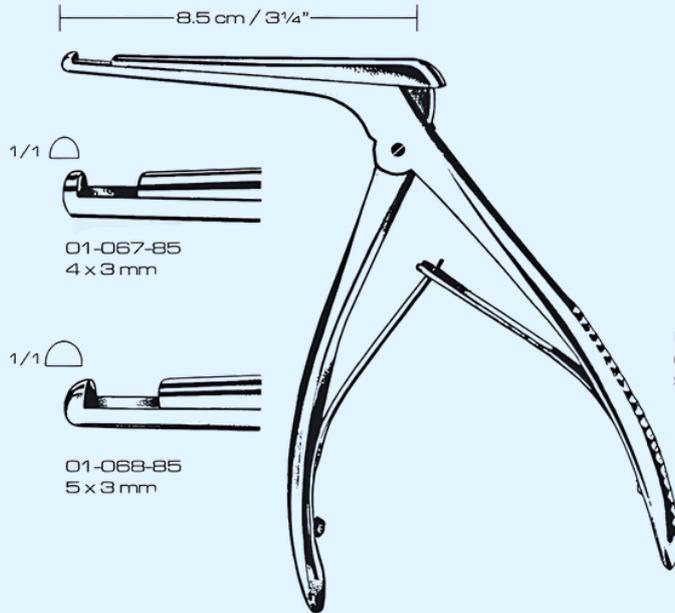
PUNCHES



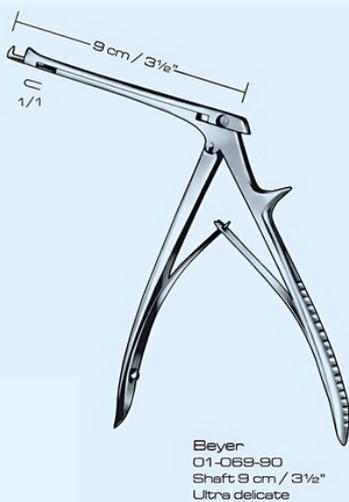
Citelli  
01-064-65 To 01-065-65  
Shaft 6.5 cm / 2 1/2"



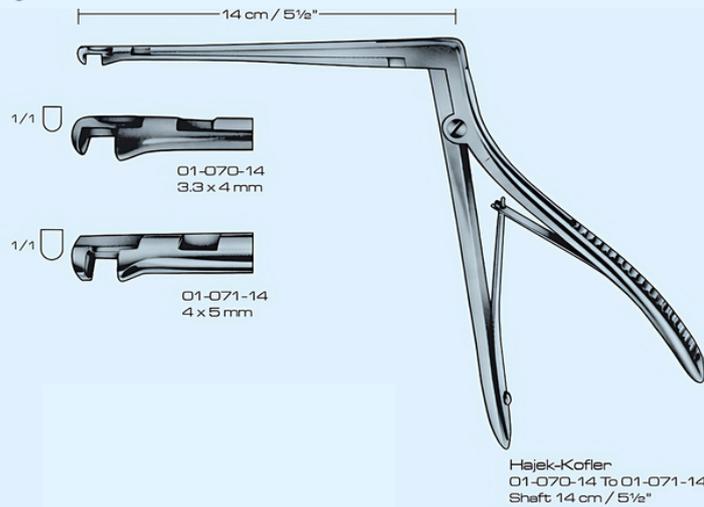
Citelli-Beyer  
01-066-95  
Shaft 9.5 cm / 3 3/4"



Kerrison  
01-067-85 To 01-068-85  
Shaft 8.5 cm / 3 1/4"



Beyer  
01-069-90  
Shaft 9 cm / 3 1/2"  
Ultra delicate



Hajek-Kofler  
01-070-14 To 01-071-14  
Shaft 14 cm / 5 1/2"





Metal Storm Co

**PUNCHES AND RONGEURS**



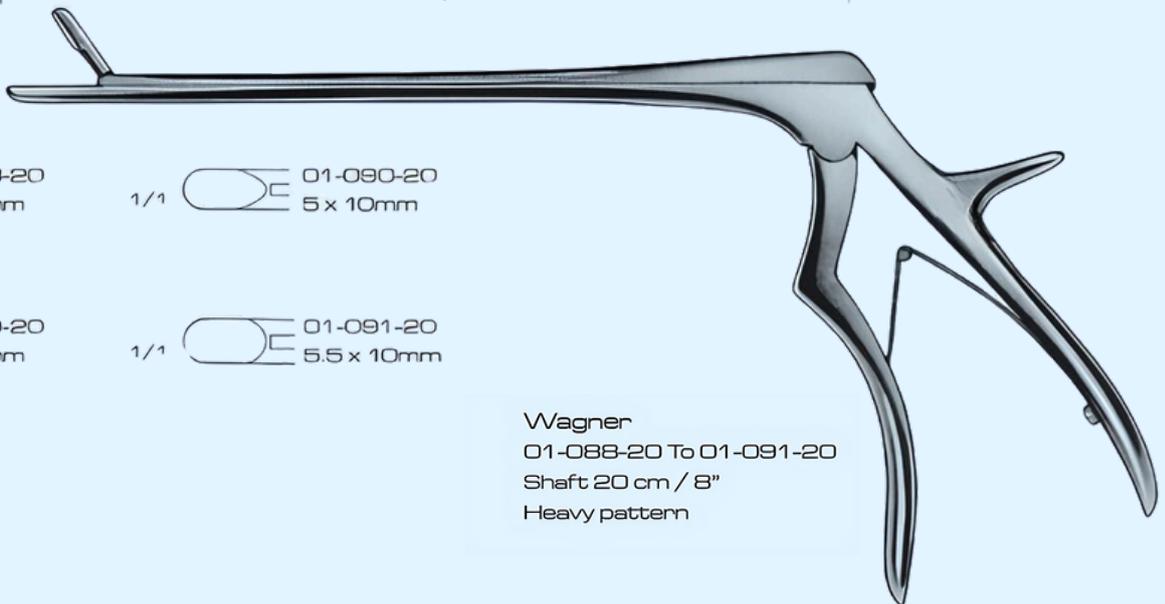
Colclough  
01-072-15 To 01-079-15  
Shaft 15 cm / 6"



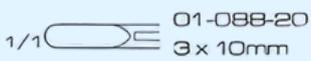
Colclough  
01-080-20 To 01-087-20  
Shaft 20 cm / 8"



20 cm / 8"



Wagner  
01-088-20 To 01-091-20  
Shaft 20 cm / 8"  
Heavy pattern

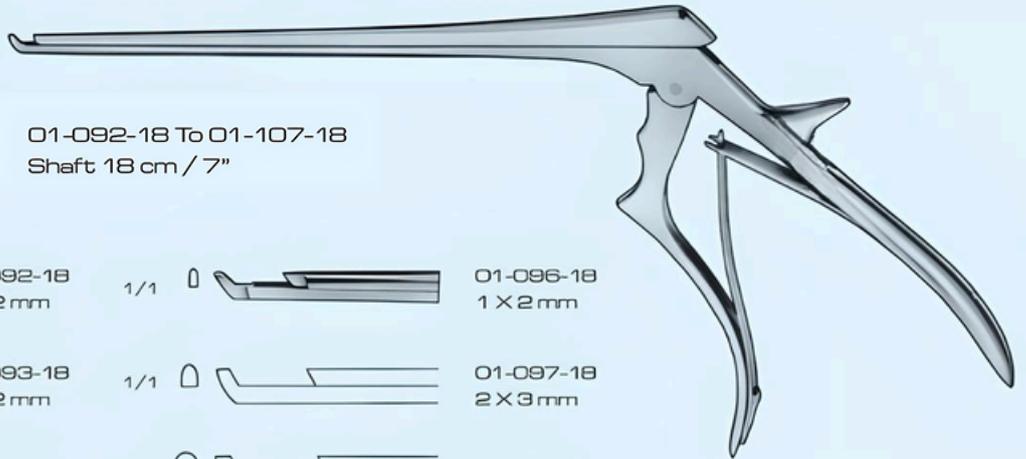




**Metal Storm Co**

**PUNCHES**

18 cm / 7"



O1-092-18 To O1-107-18  
Shaft 18 cm / 7"



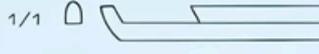
O1-092-18  
1 X 2 mm



O1-096-18  
1 X 2 mm



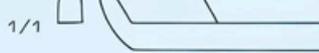
O1-093-18  
2 X 2 mm



O1-097-18  
2 X 3 mm



O1-094-18  
3 X 3 mm



O1-098-18  
3 X 4 mm



O1-095-18  
4 X 3 mm



O1-099-18  
4 X 4 mm



O1-100-18  
1 X 2 mm



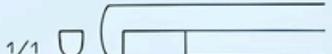
O1-104-18  
1 X 2 mm



O1-101-18  
2 X 2 mm



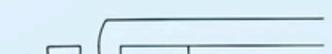
O1-105-18  
2 X 3 mm



O1-102-18  
3 X 3 mm



O1-106-18  
3 X 4 mm

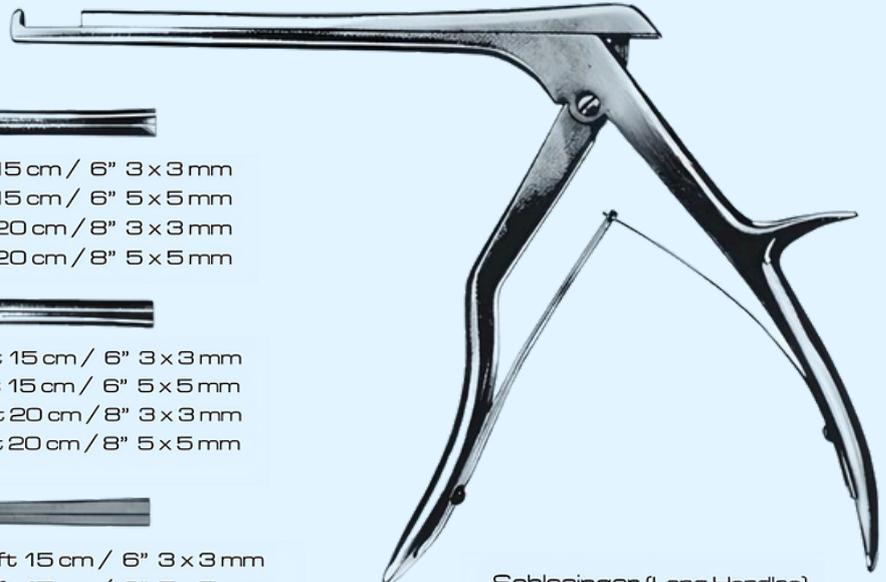


O1-103-18  
4 X 3 mm



O1-107-18  
4 X 4 mm

15 cm



O1-108-15 Shaft 15 cm / 6" 3 x 3 mm  
O1-109-15 Shaft 15 cm / 6" 5 x 5 mm  
O1-108-20 Shaft 20 cm / 8" 3 x 3 mm  
O1-109-20 Shaft 20 cm / 8" 5 x 5 mm



O1-110-15 Shaft 15 cm / 6" 3 x 3 mm  
O1-111-15 Shaft 15 cm / 6" 5 x 5 mm  
O1-110-20 Shaft 20 cm / 8" 3 x 3 mm  
O1-111-20 Shaft 20 cm / 8" 5 x 5 mm



O1-112-15 Shaft 15 cm / 6" 3 x 3 mm  
O1-113-15 Shaft 15 cm / 6" 5 x 5 mm  
O1-112-20 Shaft 20 cm / 8" 3 x 3 mm  
O1-113-20 Shaft 20 cm / 8" 5 x 5 mm

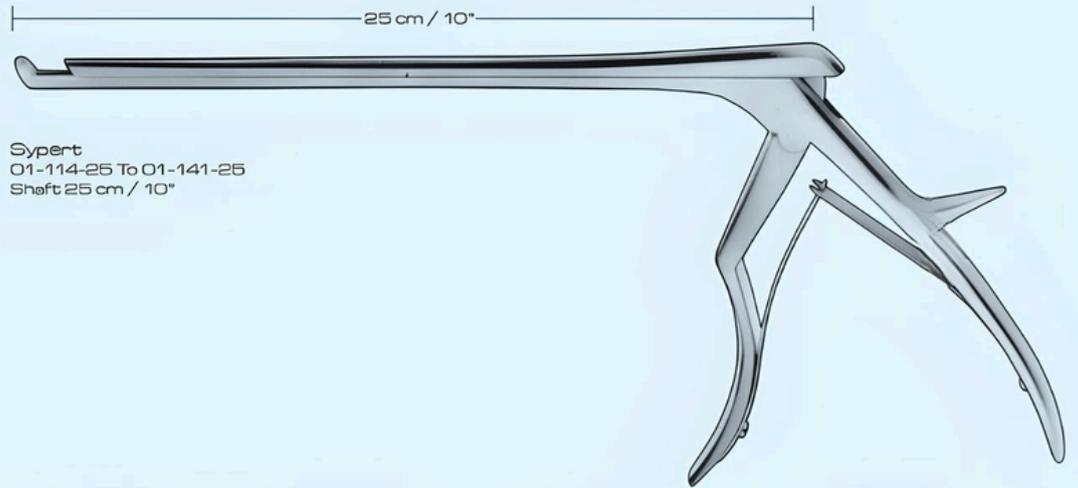
Schlessinger (Long Handles)  
O1-108-15 To O1-113-15  
O1-108-20 To O1-113-20





Metal Storm Co

## PUNCHES



Sybert  
 01-114-25 To 01-141-25  
 Shaft 25 cm / 10"

|     |  |                         |
|-----|--|-------------------------|
| 1/1 |  | 01-114-25<br>1 X 2 mm   |
| 1/1 |  | 01-115-25<br>2 X 2 mm   |
| 1/1 |  | 01-116-25<br>3 X 3 mm   |
| 1/1 |  | 01-117-25<br>4 X 3 mm   |
| 1/1 |  | 01-118-25<br>5 X 3 mm   |
| 1/1 |  | 01-119-25<br>6 X 4 mm   |
| 1/1 |  | 01-120-25<br>5.5 X 8 mm |

|     |  |                         |
|-----|--|-------------------------|
| 1/1 |  | 01-121-25<br>1 X 2 mm   |
| 1/1 |  | 01-122-25<br>2 X 3 mm   |
| 1/1 |  | 01-123-25<br>3 X 4 mm   |
| 1/1 |  | 01-124-25<br>4 X 4 mm   |
| 1/1 |  | 01-125-25<br>5 X 5 mm   |
| 1/1 |  | 01-126-25<br>6 X 5 mm   |
| 1/1 |  | 01-127-25<br>5.5 X 8 mm |

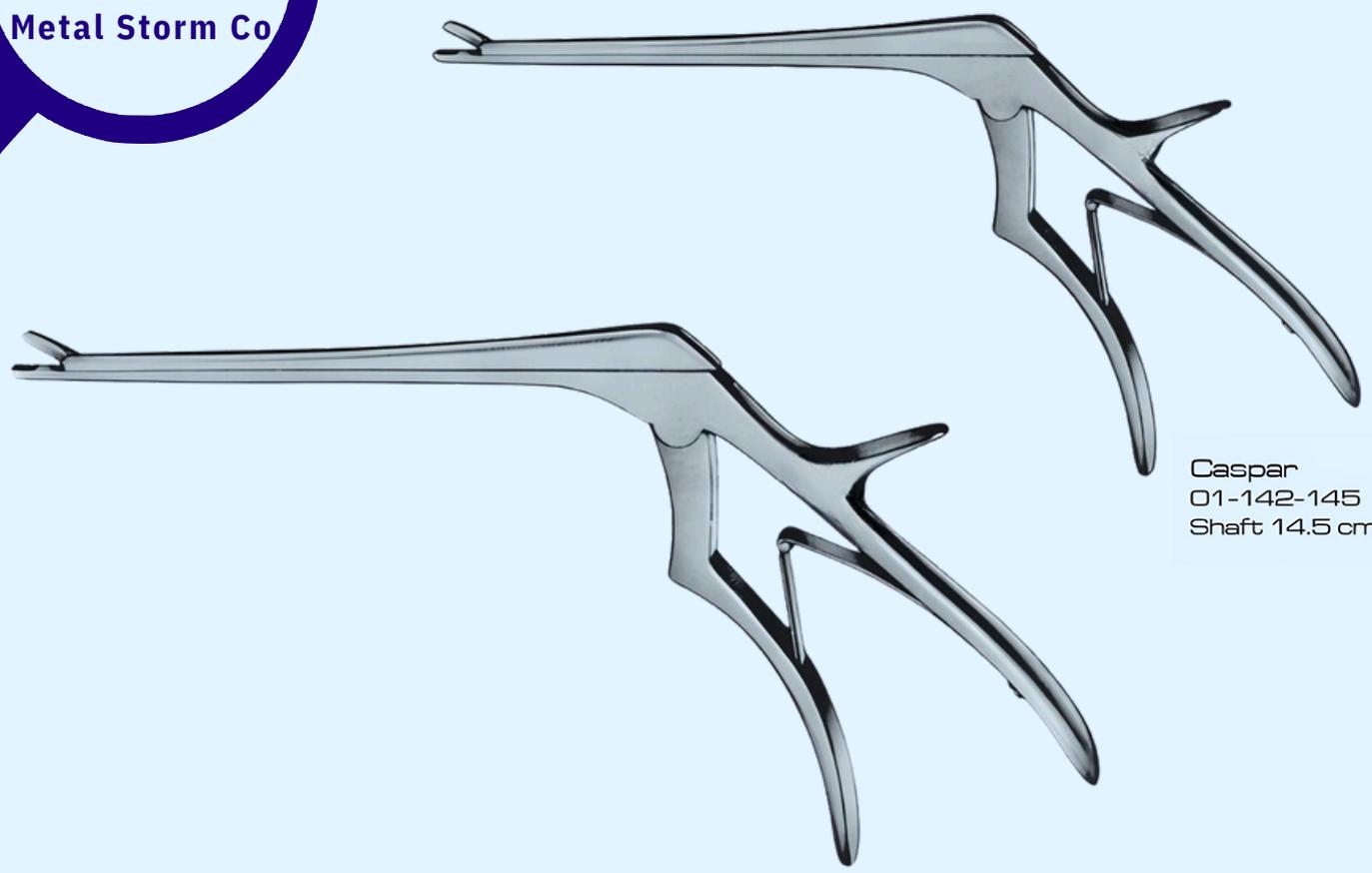
|     |  |                         |
|-----|--|-------------------------|
| 1/1 |  | 01-128-25<br>1 X 2 mm   |
| 1/1 |  | 01-129-25<br>2 X 2 mm   |
| 1/1 |  | 01-130-25<br>3 X 3 mm   |
| 1/1 |  | 01-131-25<br>4 X 3 mm   |
| 1/1 |  | 01-132-25<br>5 X 3 mm   |
| 1/1 |  | 01-133-25<br>6 X 4 mm   |
| 1/1 |  | 01-134-25<br>5.5 X 8 mm |

|     |  |                         |
|-----|--|-------------------------|
| 1/1 |  | 01-135-25<br>1 X 2 mm   |
| 1/1 |  | 01-136-25<br>2 X 3 mm   |
| 1/1 |  | 01-137-25<br>3 X 4 mm   |
| 1/1 |  | 01-138-25<br>4 X 4 mm   |
| 1/1 |  | 01-139-25<br>5 X 5 mm   |
| 1/1 |  | 01-140-25<br>6 X 5 mm   |
| 1/1 |  | 01-141-25<br>5.5 X 8 mm |





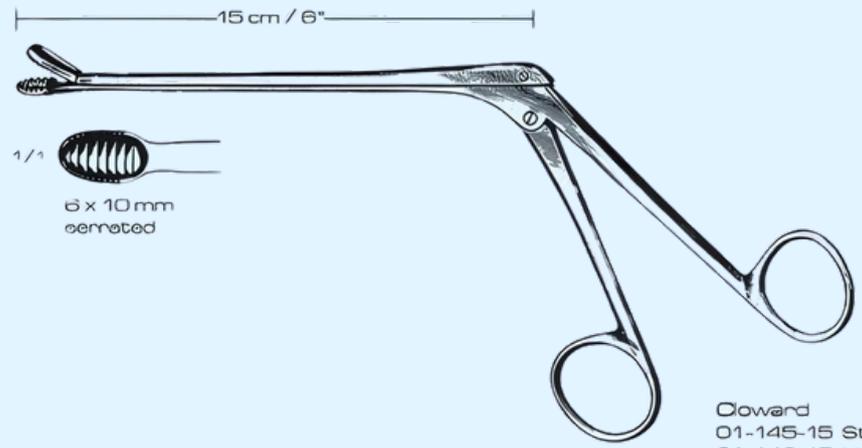
**RONGEURS**



Caspar  
01-142-145  
Shaft 14.5 cm / 5¾"



Oldberg  
01-144-18  
Shaft 18 cm / 7"



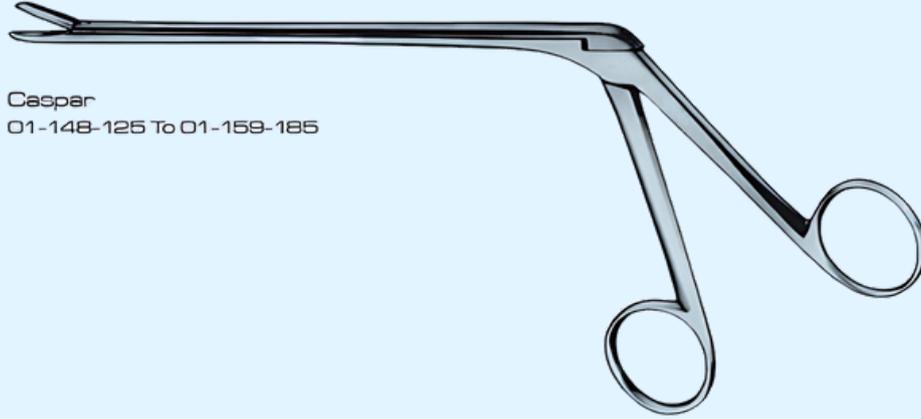
Cloward  
01-145-15 Str  
01-146-15 Upward  
01-147-15 Downward  
Shaft 15 cm / 6"



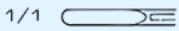


**Metal Storm Co**

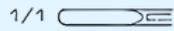
**RONGEURS**



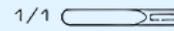
Casper  
01-148-125 To 01-159-185



01-148-125 Shaft 12.5 cm / 5"  
01-148-14 Shaft 14 cm / 5½"  
01-148-16 Shaft 16 cm / 6¼"  
01-148-185 Shaft 18.5 cm / 7¼"  
2 x 10 mm



01-149-125 Shaft 12.5 cm / 5"  
01-149-14 Shaft 14 cm / 5½"  
01-149-16 Shaft 16 cm / 6¼"  
01-149-185 Shaft 18.5 cm / 7¼"  
2 x 10 mm



01-150-125 Shaft 12.5 cm / 5"  
01-150-14 Shaft 14 cm / 5½"  
01-150-16 Shaft 16 cm / 6¼"  
01-150-185 Shaft 18.5 cm / 7¼"  
2 x 10 mm



01-151-125 Shaft 12.5 cm / 5"  
01-151-14 Shaft 14 cm / 5½"  
01-151-16 Shaft 16 cm / 6¼"  
01-151-185 Shaft 18.5 cm / 7¼"  
3 x 10 mm



01-152-125 Shaft 12.5 cm / 5"  
01-152-14 Shaft 14 cm / 5½"  
01-152-16 Shaft 16 cm / 6¼"  
01-152-185 Shaft 18.5 cm / 7¼"  
3 x 10 mm



01-153-125 Shaft 12.5 cm / 5"  
01-153-14 Shaft 14 cm / 5½"  
01-153-16 Shaft 16 cm / 6¼"  
01-153-185 Shaft 18.5 cm / 7¼"  
3 x 10 mm



01-154-125 Shaft 12.5 cm / 5"  
01-154-14 Shaft 14 cm / 5½"  
01-154-16 Shaft 16 cm / 6¼"  
01-154-185 Shaft 18.5 cm / 7¼"  
4 x 10 mm



01-155-125 Shaft 12.5 cm / 5"  
01-155-14 Shaft 14 cm / 5½"  
01-155-16 Shaft 16 cm / 6¼"  
01-155-185 Shaft 18.5 cm / 7¼"  
4 x 10 mm



01-156-125 Shaft 12.5 cm / 5"  
01-156-14 Shaft 14 cm / 5½"  
01-156-16 Shaft 16 cm / 6¼"  
01-156-185 Shaft 18.5 cm / 7¼"  
4 x 10 mm



01-157-125 Shaft 12.5 cm / 5"  
01-157-14 Shaft 14 cm / 5½"  
01-157-16 Shaft 16 cm / 6¼"  
01-157-185 Shaft 18.5 cm / 7¼"  
5 x 10 mm



01-158-125 Shaft 12.5 cm / 5"  
01-158-14 Shaft 14 cm / 5½"  
01-158-16 Shaft 16 cm / 6¼"  
01-158-185 Shaft 18.5 cm / 7¼"  
5 x 10 mm



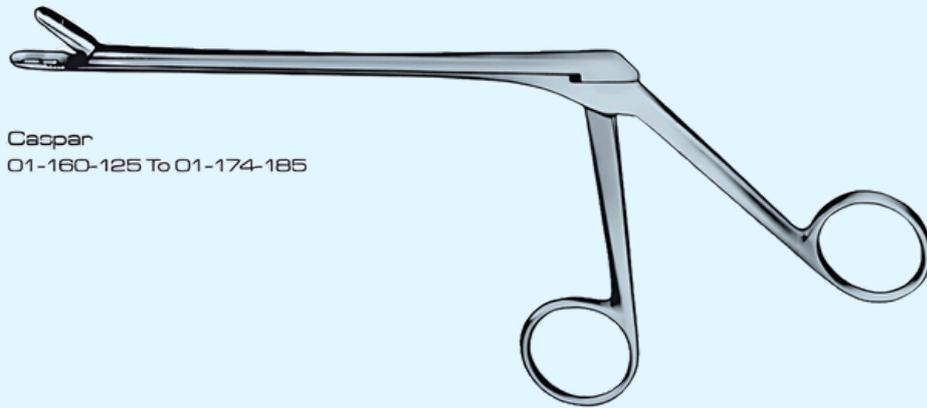
01-159-125 Shaft 12.5 cm / 5"  
01-159-14 Shaft 14 cm / 5½"  
01-159-16 Shaft 16 cm / 6¼"  
01-159-185 Shaft 18.5 cm / 7¼"  
5 x 10 mm



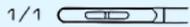


**Metal Storm Co**

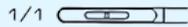
**RONGEURS**



Caspar  
01-160-125 To 01-174-185



01-160-125 Shaft 12.5 cm / 5"  
01-160-14 Shaft 14 cm / 5½"  
01-160-16 Shaft 16 cm / 6¼"  
01-160-185 Shaft 18.5 cm / 7¼"  
2 x 12 mm serrated



01-161-125 Shaft 12.5 cm / 5"  
01-161-14 Shaft 14 cm / 5½"  
01-161-16 Shaft 16 cm / 6¼"  
01-161-185 Shaft 18.5 cm / 7¼"  
2 x 12 mm serrated



01-162-125 Shaft 12.5 cm / 5"  
01-162-14 Shaft 14 cm / 5½"  
01-162-16 Shaft 16 cm / 6¼"  
01-162-185 Shaft 18.5 cm / 7¼"  
2 x 12 mm serrated



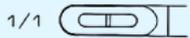
01-163-125 Shaft 12.5 cm / 5"  
01-163-14 Shaft 14 cm / 5½"  
01-163-16 Shaft 16 cm / 6¼"  
01-163-185 Shaft 18.5 cm / 7¼"  
3 x 12 mm serrated



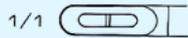
01-164-125 Shaft 12.5 cm / 5"  
01-164-14 Shaft 14 cm / 5½"  
01-164-16 Shaft 16 cm / 6¼"  
01-164-185 Shaft 18.5 cm / 7¼"  
3 x 12 mm serrated



01-165-125 Shaft 12.5 cm / 5"  
01-165-14 Shaft 14 cm / 5½"  
01-165-16 Shaft 16 cm / 6¼"  
01-165-185 Shaft 18.5 cm / 7¼"  
3 x 12 mm serrated



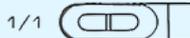
01-166-125 Shaft 12.5 cm / 5"  
01-166-14 Shaft 14 cm / 5½"  
01-166-16 Shaft 16 cm / 6¼"  
01-166-185 Shaft 18.5 cm / 7¼"  
4 x 12 mm serrated



01-167-125 Shaft 12.5 cm / 5"  
01-167-14 Shaft 14 cm / 5½"  
01-167-16 Shaft 16 cm / 6¼"  
01-167-185 Shaft 18.5 cm / 7¼"  
4 x 12 mm serrated



01-168-125 Shaft 12.5 cm / 5"  
01-168-14 Shaft 14 cm / 5½"  
01-168-16 Shaft 16 cm / 6¼"  
01-168-185 Shaft 18.5 cm / 7¼"  
4 x 12 mm serrated



01-169-125 Shaft 12.5 cm / 5"  
01-169-14 Shaft 14 cm / 5½"  
01-169-16 Shaft 16 cm / 6¼"  
01-169-185 Shaft 18.5 cm / 7¼"  
5 x 12 mm serrated



01-170-125 Shaft 12.5 cm / 5"  
01-170-14 Shaft 14 cm / 5½"  
01-170-16 Shaft 16 cm / 6¼"  
01-170-185 Shaft 18.5 cm / 7¼"  
5 x 12 mm serrated



01-171-125 Shaft 12.5 cm / 5"  
01-171-14 Shaft 14 cm / 5½"  
01-171-16 Shaft 16 cm / 6¼"  
01-171-185 Shaft 18.5 cm / 7¼"  
5 x 12 mm serrated



01-172-125 Shaft 12.5 cm / 5"  
01-172-14 Shaft 14 cm / 5½"  
01-172-16 Shaft 16 cm / 6¼"  
01-172-185 Shaft 18.5 cm / 7¼"  
6 x 12 mm serrated



01-173-125 Shaft 12.5 cm / 5"  
01-173-14 Shaft 14 cm / 5½"  
01-173-16 Shaft 16 cm / 6¼"  
01-173-185 Shaft 18.5 cm / 7¼"  
6 x 12 mm serrated



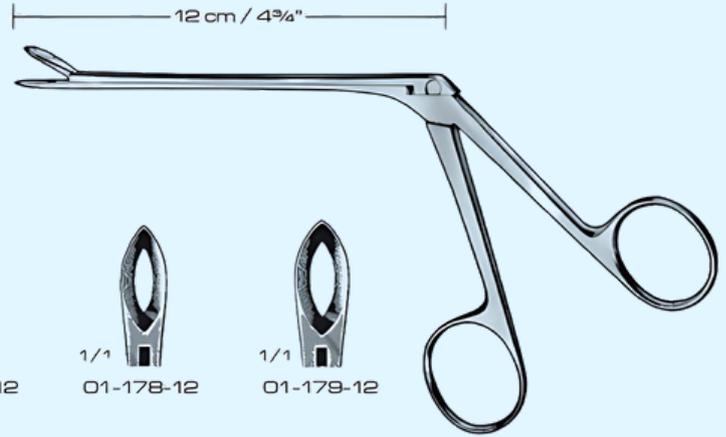
01-172-125 Shaft 12.5 cm / 5"  
01-172-14 Shaft 14 cm / 5½"  
01-172-16 Shaft 16 cm / 6¼"  
01-172-185 Shaft 18.5 cm / 7¼"  
6 x 12 mm serrated





**Metal Storm Co**

**RONGEURS**



Schlesinger  
01-175-12 To 01-184-12  
Shaft 12 cm / 4 3/4"



Without neck



1/1  
01-175-12



1/1  
01-176-12



1/1  
01-177-12



1/1  
01-178-12



1/1  
01-179-12



With neck



1/1  
01-180-12



1/1  
01-181-12



1/1  
01-182-12



1/1  
01-183-12



1/1  
01-184-12



1/1

Cushing  
01-185-12 Shaft 12 cm / 4 3/4"  
01-185-15 Shaft 15 cm / 6"  
01-185-18 Shaft 18 cm / 7"  
2 x 10mm



1/1

Cushing  
01-186-12 Shaft 12 cm / 4 3/4"  
01-186-15 Shaft 15 cm / 6"  
01-186-18 Shaft 18 cm / 7"  
2 x 10mm



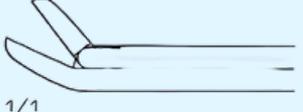
1/1

Cushing  
01-187-12 Shaft 12 cm / 4 3/4"  
01-187-15 Shaft 15 cm / 6"  
01-187-18 Shaft 18 cm / 7"  
2 x 10mm



1/1

Love-Gruenwald  
01-188-12 Shaft 12 cm / 4 3/4"  
01-188-15 Shaft 15 cm / 6"  
01-188-18 Shaft 18 cm / 7"  
3 x 10mm



1/1

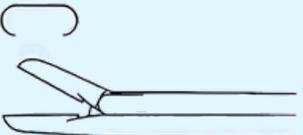
Love-Gruenwald  
01-189-12 Shaft 12 cm / 4 3/4"  
01-189-15 Shaft 15 cm / 6"  
01-189-18 Shaft 18 cm / 7"  
3 x 10mm



1/1

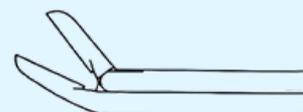
Love-Gruenwald  
01-190-12 Shaft 12 cm / 4 3/4"  
01-190-15 Shaft 15 cm / 6"  
01-190-18 Shaft 18 cm / 7"  
3 x 10mm

01-185-12 To 01-193-18



1/1

Spurling  
01-191-12 Shaft 12 cm / 4 3/4"  
01-191-15 Shaft 15 cm / 6"  
01-191-18 Shaft 18 cm / 7"  
4 x 10mm



1/1

Spurling  
01-192-12 Shaft 12 cm / 4 3/4"  
01-192-15 Shaft 15 cm / 6"  
01-192-18 Shaft 18 cm / 7"  
4 x 10mm



1/1

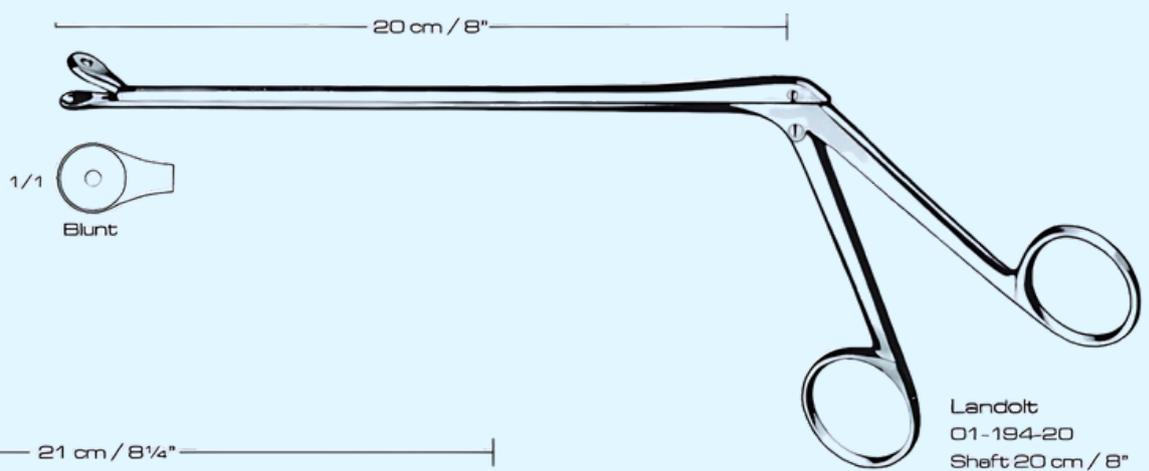
Spurling  
01-193-12 Shaft 12 cm / 4 3/4"  
01-193-15 Shaft 15 cm / 6"  
01-193-18 Shaft 18 cm / 7"  
4 x 10mm



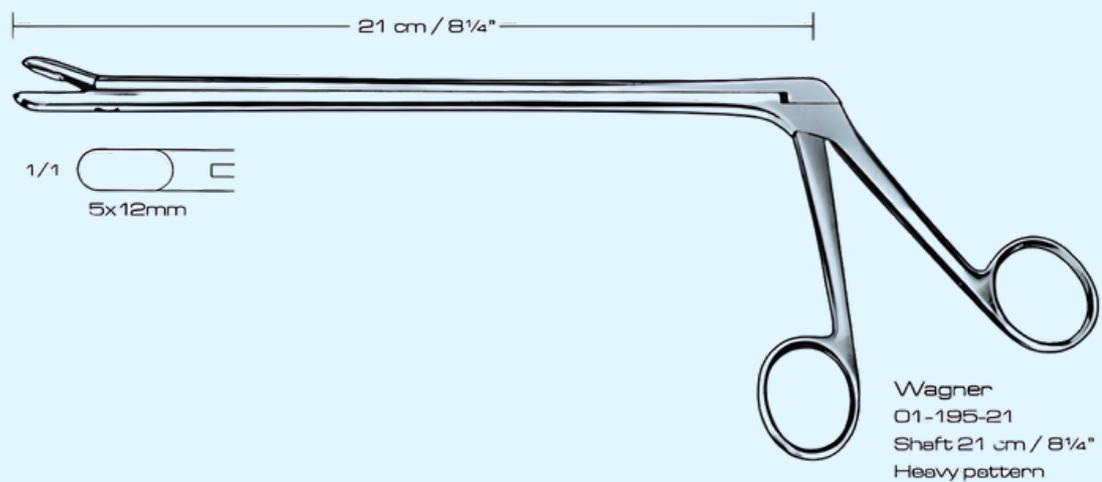


Metal Storm Co

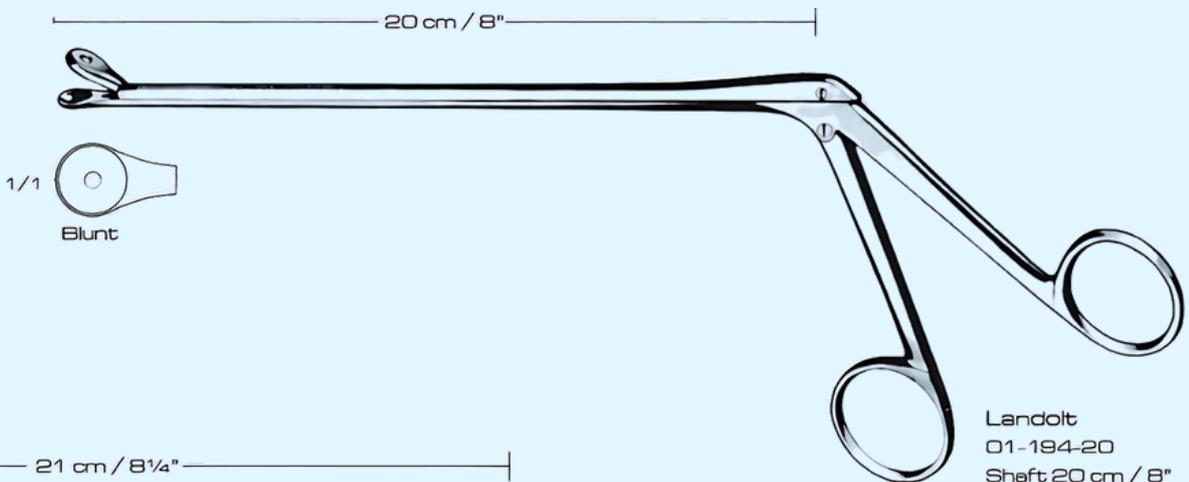
# RONGEURS



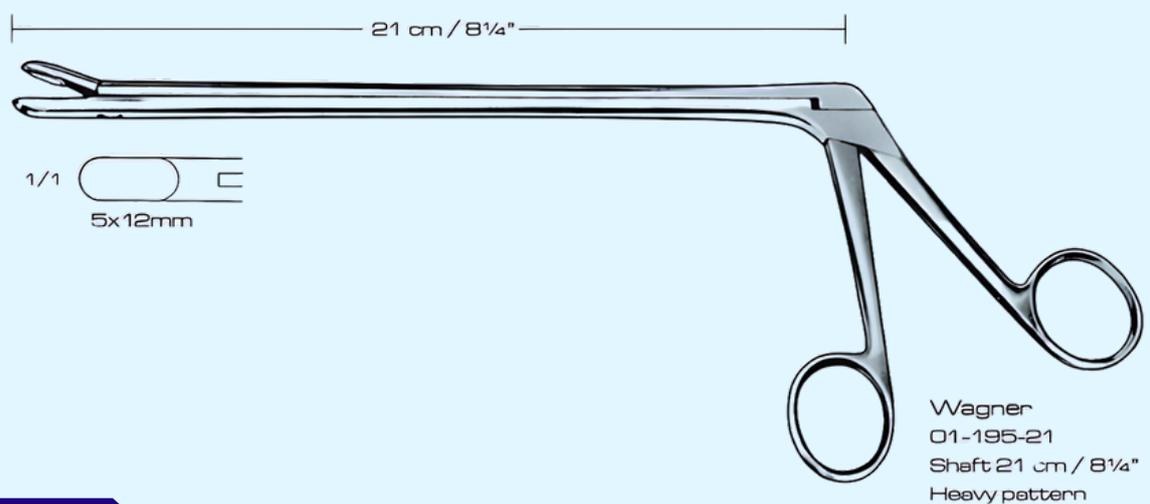
Landolt  
01-194-20  
Shaft 20 cm / 8"



Wagner  
01-195-21  
Shaft 21 cm / 8 1/4"  
Heavy pattern



Landolt  
01-194-20  
Shaft 20 cm / 8"



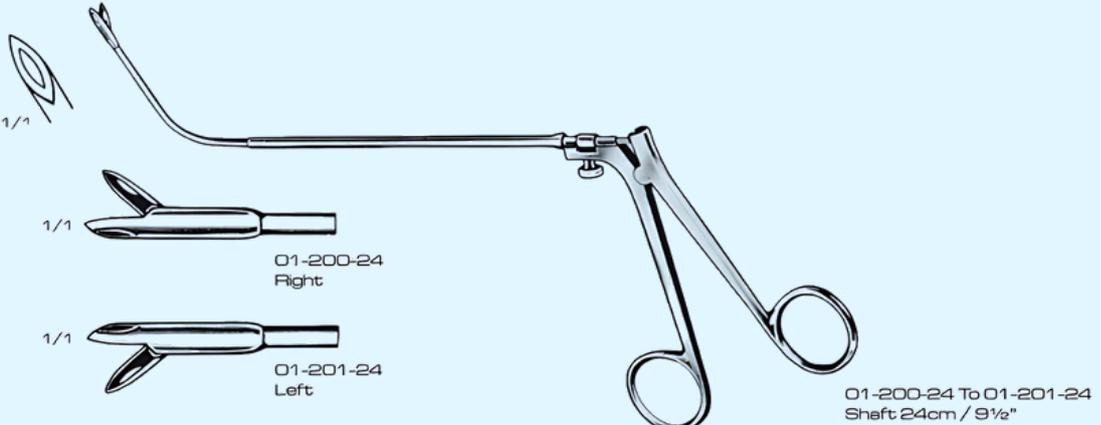
Wagner  
01-195-21  
Shaft 21 cm / 8 1/4"  
Heavy pattern





Metal Storm Co

**PUNCHES AND RONGEURS**



1/1

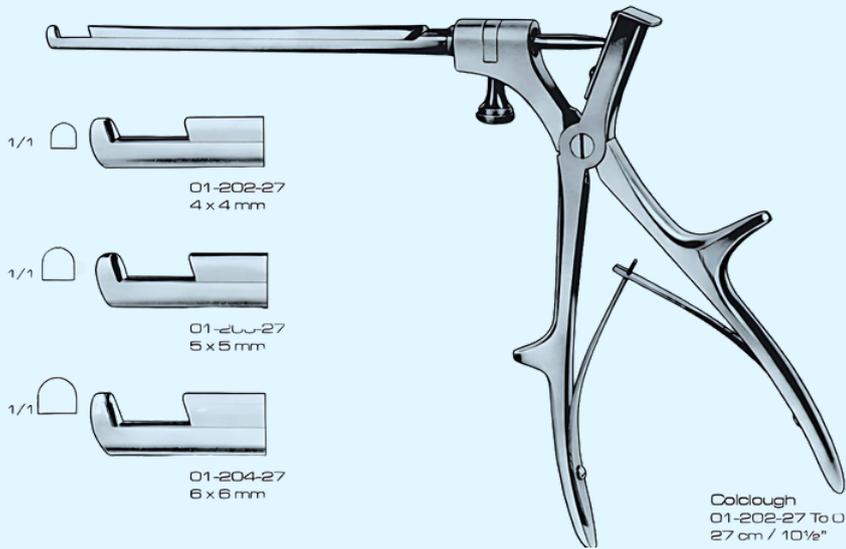
1/1

1/1

O1-200-24  
Right

O1-201-24  
Left

O1-200-24 To O1-201-24  
Shaft 24cm / 9½"



1/1

1/1

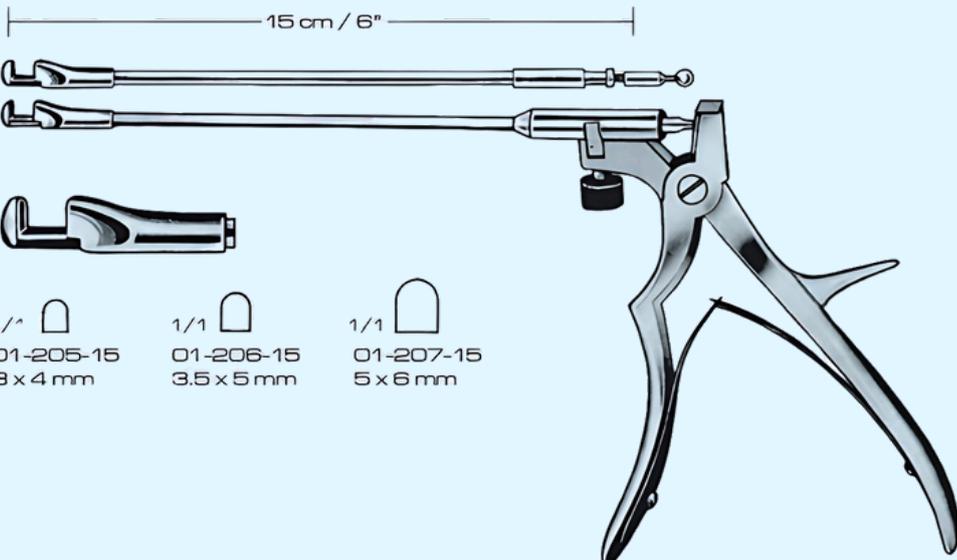
1/1

O1-202-27  
4 x 4 mm

O1-203-27  
5 x 5 mm

O1-204-27  
6 x 6 mm

Coldough  
O1-202-27 To O1-204-27  
27 cm / 10½"



15 cm / 6"

1/1

1/1

1/1

O1-205-15  
3 x 4 mm

O1-206-15  
3.5 x 5 mm

O1-207-15  
5 x 6 mm

Ferris-Smith  
O1-205-15 To O1-207-15  
Shaft 15 cm / 6"





## UNIVERSAL AND INTERCHANGEABLE TUBES WITH TIPS



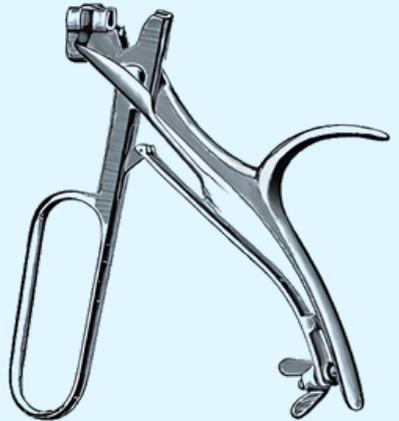
- 01-209-20 20cm / 8"
- 01-209-30 30cm / 12"
- 01-209-40 40cm / 16"
- 01-209-50 50cm / 20"
- 01-209-60 60cm / 24"



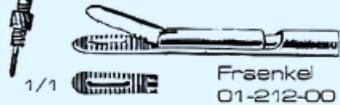
- 01-210-20 20cm / 8"
- 01-210-30 30cm / 12"
- 01-210-40 40cm / 16"
- 01-210-50 50cm / 20"
- 01-210-60 60cm / 24"



- 01-211-20 20cm / 8"
- 01-211-30 30cm / 12"
- 01-211-40 40cm / 16"
- 01-211-50 50cm / 20"
- 01-211-60 60cm / 24"



Huber (Only Handle)  
 01-208-00  
 Available with tube  
 01-209-00 To 01-211-00  
 Available with tip  
 01-212-00 To 01-230-00



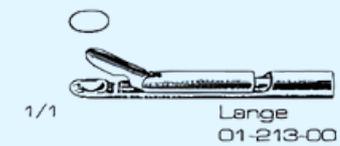
1/1 Fraenkel  
 01-212-00



1/1 Fraenkel  
 01-219-00



1/1 Fraenkel  
 01-225-00



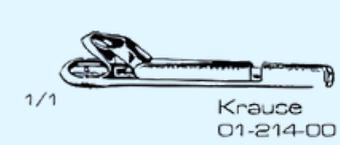
1/1 Lange  
 01-213-00



1/1 Fraenkel  
 01-220-00



1/1 Scheinmann  
 01-226-00



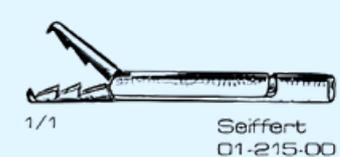
1/1 Krauze  
 01-214-00



1/1 Scheinmann  
 01-221-00



1/1 Ecken  
 01-227-00



1/1 Seiffert  
 01-215-00



1/1 Bruenings  
 01-222-00 3 mm Ø  
 01-223-00 4 mm Ø



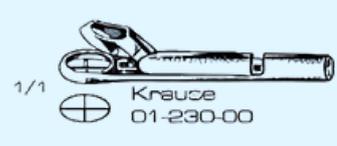
1/1 Bruenings  
 01-228-00 3 mm Ø  
 01-229-00 4 mm Ø



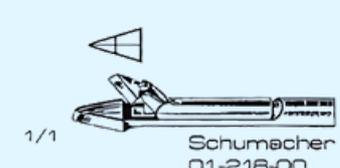
1/1 Bruenings  
 01-216-00 2.5 x 5 mm  
 01-217-00 3 x 6 mm



1/1 Krauze  
 01-224-00



1/1 Krauze  
 01-230-00

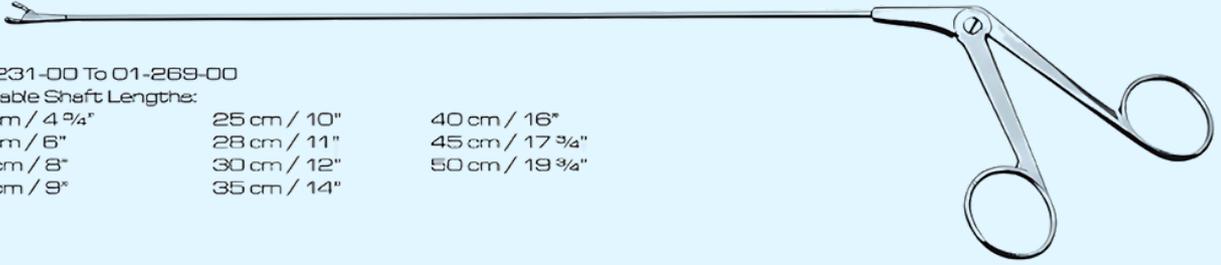


1/1 Schumacher  
 01-218-00





## BRONCHO-ESOPHAGOSCOPY INSTRUMENTS



01-231-00 To 01-269-00

Available Shaft Lengths:

|                |             |
|----------------|-------------|
| 12 cm / 4 3/4" | 25 cm / 10" |
| 15 cm / 6"     | 28 cm / 11" |
| 20 cm / 8"     | 30 cm / 12" |
| 23 cm / 9"     | 35 cm / 14" |

|                 |
|-----------------|
| 40 cm / 16"     |
| 45 cm / 17 3/4" |
| 50 cm / 19 3/4" |



Jaw Length 8mm  
Jaw Width 2mm  
01-231-00 Str  
01-232-00 Upward  
01-233-00 Cur to left  
01-234-00 Cur to right



Blade Length 8mm  
Blade Width 2mm  
01-235-00 Str  
01-236-00 Upward  
01-237-00 Cur to left  
01-238-00 Cur to right



Cup Size 2mm  
01-239-00 Str  
01-240-00 Upward  
01-241-00 Cur to left  
01-242-00 Cur to right



Oval Cup Size 2 x 4mm  
01-243-00 Str  
01-244-00 Upward  
01-245-00 Cur to left  
01-246-00 Cur to right



Groove Size 2 x 4mm  
01-247-00 Str  
01-248-00 Upward  
01-249-00 Cur to left  
01-250-00 Cur to right



Jaw Length 8mm  
Jaw Width 2mm  
01-251-00 Str  
01-252-00 Upward  
01-253-00 Cur to left  
01-254-00 Cur to right



Fenestrated end  
serrated Jaws  
01-255-00 Str  
01-256-00 Upward  
01-257-00 Cur to left  
01-258-00 Cur to right



Needle holder  
01-259-00 Str  
01-260-00 Upward  
01-261-00 Cur to left  
01-262-00 Cur to right

### Double Action Jaws



01-263-00 Str



01-264-00 Str



01-265-00 Str



01-266-00 Str



01-267-00 Str



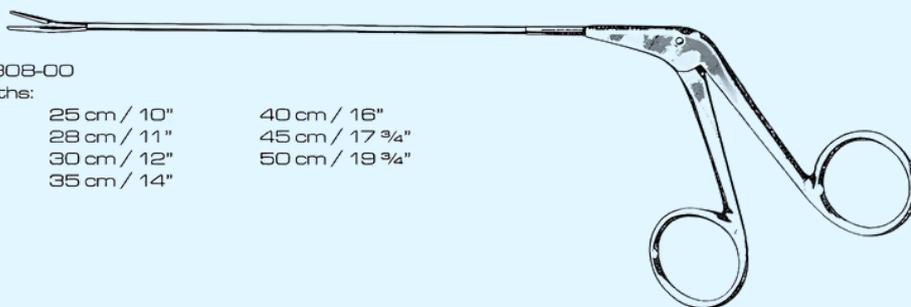
01-268-00 Str



01-269-00 Str



## BRONCHO-ESOPHAGOSCOPY INSTRUMENTS



01-270-00 To 01-308-00

Available Shaft Lengths:

12 cm / 4 3/4"

15 cm / 6"

20 cm / 8"

23 cm / 9"

25 cm / 10"

28 cm / 11"

30 cm / 12"

35 cm / 14"

40 cm / 16"

45 cm / 17 3/4"

50 cm / 19 1/2"



Jaw Length 8mm

Jaw Width 2mm

01-270-00 Str

01-271-00 Upward

01-272-00 Cur to left

01-273-00 Cur to right



Blade Length 8mm

Blade Width 2mm

01-274-00 Str

01-275-00 Upward

01-276-00 Cur to left

01-277-00 Cur to right



Cup Size 2mm

01-278-00 Str

01-279-00 Upward

01-280-00 Cur to left

01-281-00 Cur to right



Oval Cup Size 2 x 4mm

01-282-00 Str

01-283-00 Upward

01-284-00 Cur to left

01-285-00 Cur to right



Groove Size 2 x 4mm

01-286-00 Str

01-287-00 Upward

01-288-00 Cur to left

01-289-00 Cur to right



Jaw Length 8mm

Jaw Width 2mm

01-290-00 Str

01-291-00 Upward

01-292-00 Cur to left

01-293-00 Cur to right



Fenestrated and serrated Jaws

01-294-00 Str

01-295-00 Upward

01-296-00 Cur to left

01-297-00 Cur to right



Needle holder

01-298-00 Str

01-299-00 Upward

01-300-00 Cur to left

01-301-00 Cur to right

### Double Action Jaws



01-302-00 Str



01-303-00 Str



01-304-00 Str



01-305-00 Str



01-306-00 Str



01-307-00 Str



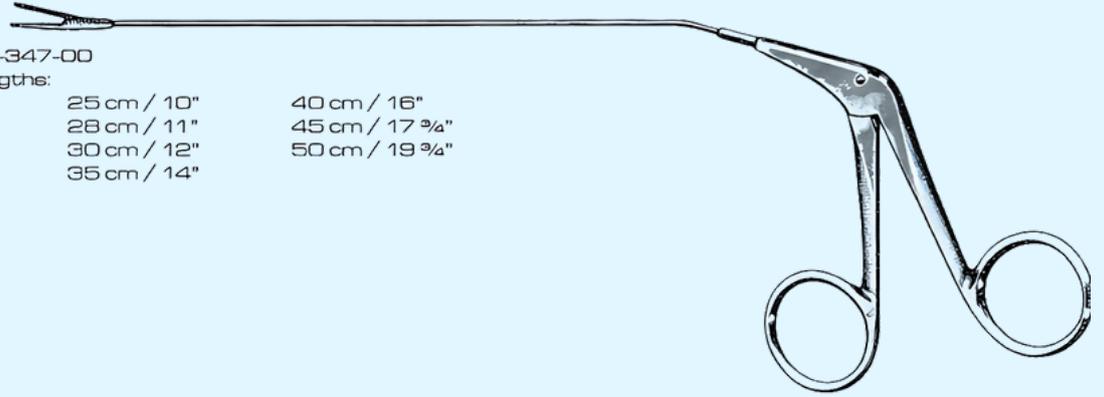
01-308-00 Str



# BRONCHO-ESOPHAGOSCOPY INSTRUMENTS



**Metal Storm Co**



01-309-00 To 01-347-00

Available Shaft Lengths:

|                |             |                 |
|----------------|-------------|-----------------|
| 12 cm / 4 3/4" | 25 cm / 10" | 40 cm / 16"     |
| 15 cm / 6"     | 28 cm / 11" | 45 cm / 17 3/4" |
| 20 cm / 8"     | 30 cm / 12" | 50 cm / 19 3/4" |
| 23 cm / 9"     | 35 cm / 14" |                 |



Jaw Length 8mm  
Jaw Width 2mm  
01-309-00 Str  
01-310-00 Upward  
01-311-00 Cur to left  
01-312-00 Cur to right



Blade Length 8mm  
Blade Width 2mm  
01-313-00 Str  
01-314-00 Upward  
01-315-00 Cur to left  
01-316-00 Cur to right



Cup Size 2mm  
01-317-00 Str  
01-318-00 Upward  
01-319-00 Cur to left  
01-320-00 Cur to right



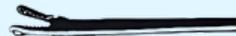
Oval Cup Size 2 x 4mm  
01-321-00 Str  
01-322-00 Upward  
01-323-00 Cur to left  
01-324-00 Cur to right



Groove Size 2 x 4mm  
01-325-00 Str  
01-326-00 Upward  
01-327-00 Cur to left  
01-328-00 Cur to right



Jaw Length 8mm  
Jaw Width 2mm  
01-329-00 Str  
01-330-00 Upward  
01-331-00 Cur to left  
01-332-00 Cur to right



Fenestrated and serrated Jaws  
01-333-00 Str  
01-334-00 Upward  
01-335-00 Cur to left  
01-336-00 Cur to right



Needle holder  
01-337-00 Str  
01-338-00 Upward  
01-339-00 Cur to left  
01-340-00 Cur to right

## Double Action Jaws



01-341-00 Str



01-342-00 Str



01-343-00 Str



01-344-00 Str



01-345-00 Str



01-346-00 Str



01-347-00 Str

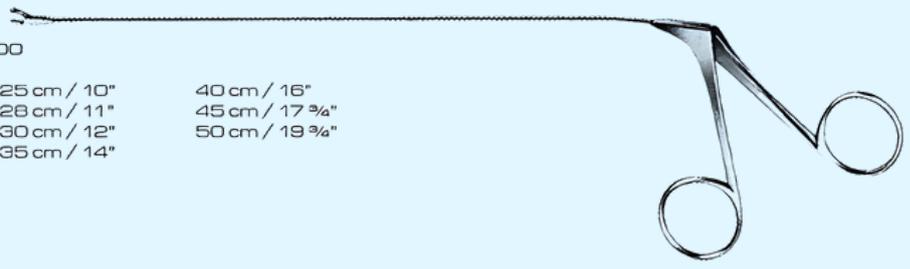




# BRONCHO-ESOPHAGOSCOPY INSTRUMENTS

01-348-00 To 01-386-00  
Available Shaft Lengths

|                |             |                 |
|----------------|-------------|-----------------|
| 12 cm / 4 3/4" | 25 cm / 10" | 40 cm / 16"     |
| 15 cm / 6"     | 28 cm / 11" | 45 cm / 17 3/4" |
| 20 cm / 8"     | 30 cm / 12" | 50 cm / 19 3/4" |
| 23 cm / 9"     | 35 cm / 14" |                 |



Jaw Length 8mm  
Jaw Width 2mm  
01-348-00 Str  
01-349-00 Upward  
01-350-00 Cur to left  
01-351-00 Cur to right



Blade Length 8mm  
Blade Width 2mm  
01-352-00 Str  
01-353-00 Upward  
01-354-00 Cur to left  
01-355-00 Cur to right



Cup Size 2mm  
01-356-00 Str  
01-357-00 Upward  
01-358-00 Cur to left  
01-359-00 Cur to right



Oval Cup Size 2 x 4mm  
01-360-00 Str  
01-361-00 Upward  
01-362-00 Cur to left  
01-363-00 Cur to right



Groove Size 2 x 4mm  
01-364-00 Str  
01-365-00 Upward  
01-366-00 Cur to left  
01-367-00 Cur to right



Jaw Length 8mm  
Jaw Width 2mm  
01-368-00 Str  
01-369-00 Upward  
01-370-00 Cur to left  
01-371-00 Cur to right



Fenestrated and serrated Jaws  
01-372-00 Str  
01-373-00 Upward  
01-374-00 Cur to left  
01-375-00 Cur to right



Needle holder  
01-376-00 Str  
01-377-00 Upward  
01-378-00 Cur to left  
01-379-00 Cur to right

## Double Action Jaws



01-380-00 Str



01-381-00 Str



01-382-00 Str



01-383-00 Str



01-384-00 Str



01-385-00 Str



01-386-00 Str

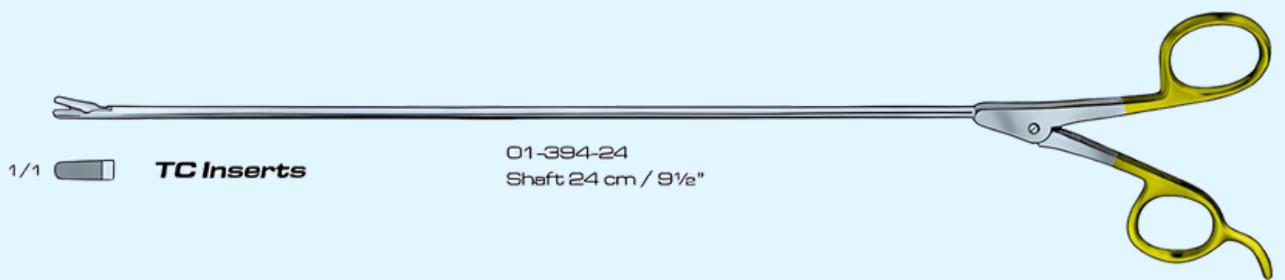




# BRONCHO-ESOPHAGOSCOPY INSTRUMENTS



Chevalier-Jackson  
 01-387-00 To 01-393-00  
 Available Shaft Lengths:  
 30 cm / 12"  
 40 cm / 16"  
 50 cm / 20"  
 60 cm / 24"



1/1 **TC Inserts**

01-394-24  
 Shaft 24 cm / 9½"



1/1 **TC Inserts**

01-395-24  
 Shaft 24 cm / 9½"



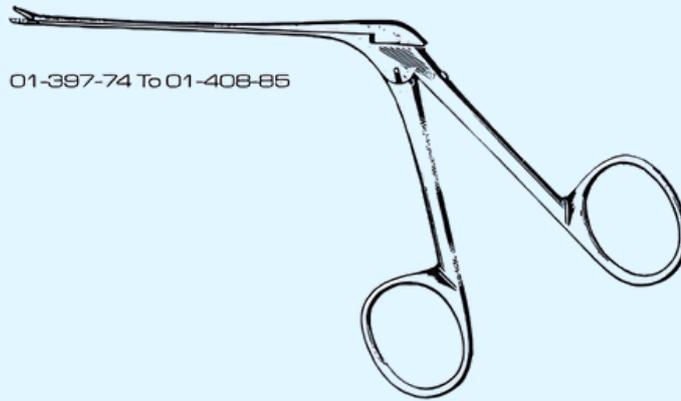
01-396-24  
 Shaft 24 cm / 9½"  
 30°





**Metal Storm Co**

**EAR POLYPUS INSTRUMENTS**



01-397-74 To 01-408-85



Hartmann  
01-397-74  
Shaft 7.4cm / 3"



Hartmann  
01-398-74  
Shaft 7.4cm / 3"



Bellucci  
01-399-80  
Shaft 8cm / 3 1/8"



01-400-80  
Shaft 8cm / 3 1/8"



Hartmann  
01-401-85  
Shaft 8.5cm / 3 1/4"  
01-401-14  
Shaft 14cm / 5 1/2"  
01-401-165  
Shaft 16.5cm / 6 1/2"



Hartmann-Noyes  
01-402-85  
Shaft 8.5cm / 3 1/4"



Hartmann  
01-403-85  
Shaft 8.5cm / 3 1/4"  
01-403-14  
Shaft 14cm / 5 1/2"  
01-403-165  
Shaft 16.5cm / 6 1/2"  
1 x 2 Teeth



Hartmann  
01-404-20 2mm Ø  
01-404-22 2.2mm Ø  
01-404-25 2.5mm Ø  
01-404-30 3mm Ø  
Shaft 8cm / 3 1/8"



Hartmann  
01-405-20 2mm Ø  
01-405-22 2.2mm Ø  
01-405-25 2.5mm Ø  
01-405-30 3mm Ø  
Shaft 8cm / 3 1/8"



Hartmann  
01-406-20 2mm Ø  
Shaft 8.5cm / 3 1/4"



Hartmann  
01-407-85  
Shaft 8.5cm / 3 1/4"



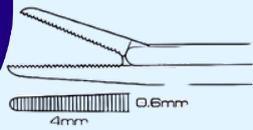
Hartmann  
01-408-85  
Shaft 8.5cm / 3 1/4"





**Metal Storm Co**

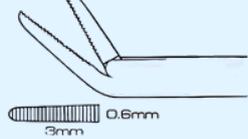
## MICRO EAR POLYPUS FORCEPS AND WIRE CLOSURE FORCEPS



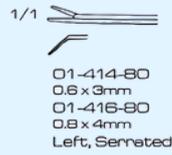
1/1  
 01-409-80  
 0.6 x 4mm  
 01-410-80  
 0.8 x 4mm  
 Str, Serrated



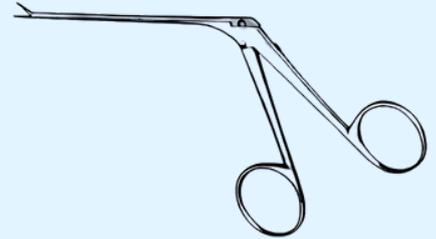
1/1  
 01-411-80  
 0.6 x 3mm  
 01-412-80  
 0.8 x 4mm  
 Curved Upward,  
 Serrated



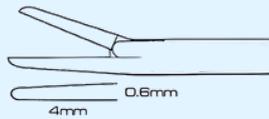
1/1  
 01-413-80  
 0.6 x 3mm  
 01-415-80  
 0.8 x 4mm  
 Right, Serrated



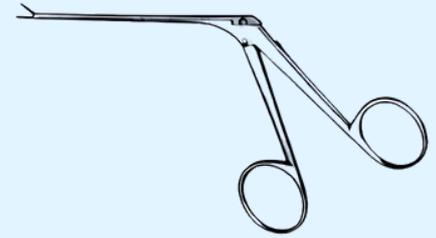
1/1  
 01-414-80  
 0.6 x 3mm  
 01-416-80  
 0.8 x 4mm  
 Left, Serrated



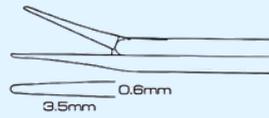
01-409-80 To 01-416-80  
 Shaft 8cm / 3 1/8"



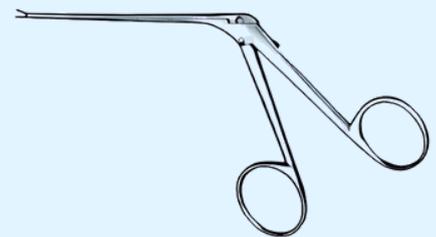
1/1  
 01-417-80  
 0.6 x 4mm  
 Str, Smooth



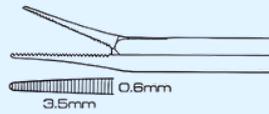
01-417-80  
 Shaft 8cm / 3 1/8"



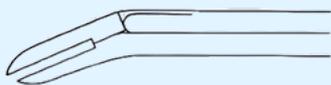
1/1  
 01-418-80  
 0.6 x 3.5mm  
 Str, Smooth



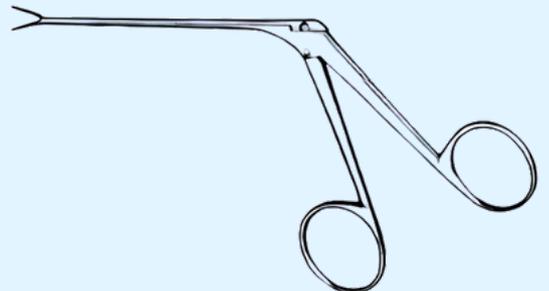
01-418-80 To 01-419-80  
 Shaft 8cm / 3 1/8"



1/1  
 01-419-80  
 0.6 x 3.5mm  
 Str, Serrated

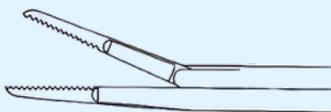


1/1  
 01-420-80  
 0.8 x 3.5mm

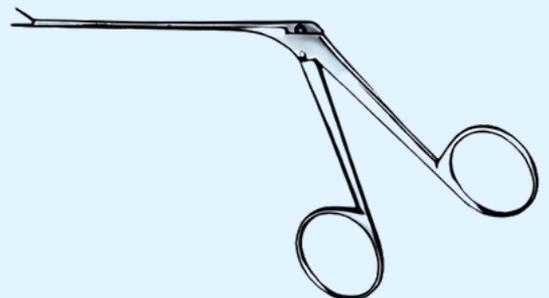


McGee  
 01-420-80 To 01-421-80  
 Shaft 8cm / 3 1/8"

1/1  
 01-421-80  
 0.8 x 6mm



1/1  
 01-422-80  
 Left



Juers  
 01-422-80 To 01-423-80  
 Shaft 8cm / 3 1/8"

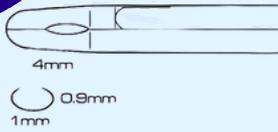
1/1  
 01-423-80  
 Right



# MICRO EAR CUP SHAPED ,SCISSORS AND INTRODUCTION INSTRUMENTS



Metal Storm Co

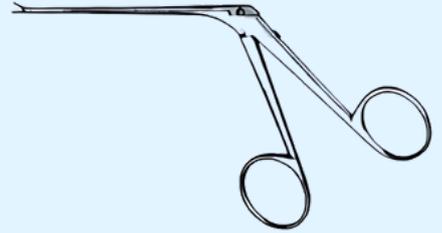


1/1  
01-424-80  
Str

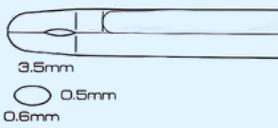
1/1  
01-425-80  
Curved Upward

1/1  
01-426-80  
Right

1/1  
01-427-80  
Left



01-424-80 To 01-427-80  
Shaft 8cm / 3 1/8"  
Oval Cup 0.9 x 1mm  
Jaw Length 4mm



1/1  
01-428-80  
Str

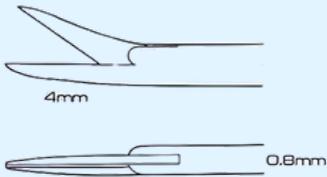
1/1  
01-429-80  
Curved Upward

1/1  
01-430-80  
Right

1/1  
01-431-80  
Left



01-428-80 To 01-431-80  
Shaft 8cm / 3 1/8"  
Oval Cup 0.5 x 0.6mm  
Jaw Length 3.5mm



1/1  
01-432-80  
Str

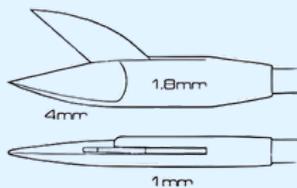
1/1  
01-433-80  
Curved Upward

1/1  
01-434-80  
Right

1/1  
01-435-80  
Left



Bellucci  
01-432-80 To 01-435-80  
Shaft 8cm / 3 1/8"  
Blade Length 4mm  
Very Delicate

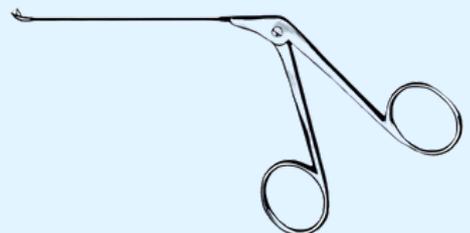


1/1  
01-436-80  
Str

1/1  
01-437-80  
Curved Upward

1/1  
01-438-80  
Right

1/1  
01-439-80  
Left



Wulsten  
01-436-80 To 01-439-80  
Shaft 8cm / 3 1/8"  
Blade Length 4mm

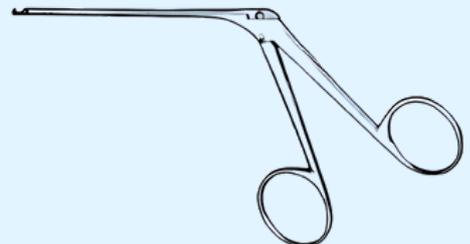


1/1  
01-440-80  
Str

1/1  
01-441-80  
Str

1/1  
01-442-80  
Left

1/1  
01-443-80  
Right



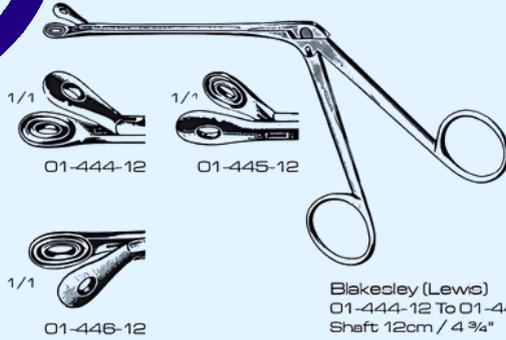
House-Dieter  
01-440-80 To 01-443-80  
Shaft 8cm / 3 1/8"



# NASAL POLYPS AND CUTTING FORCEPS

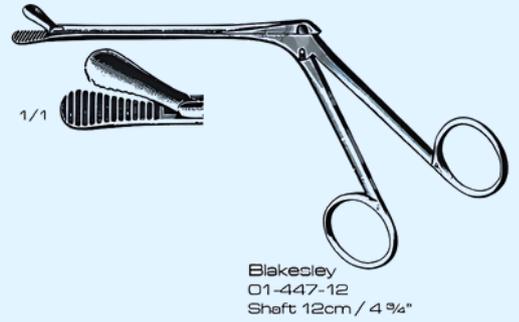


Metal Storm Co

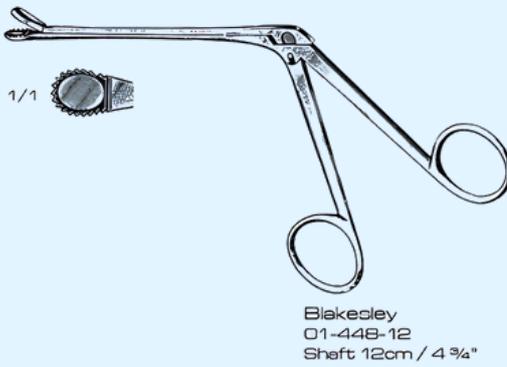


01-444-12      1/1  
01-445-12      1/1  
01-446-12      1/1

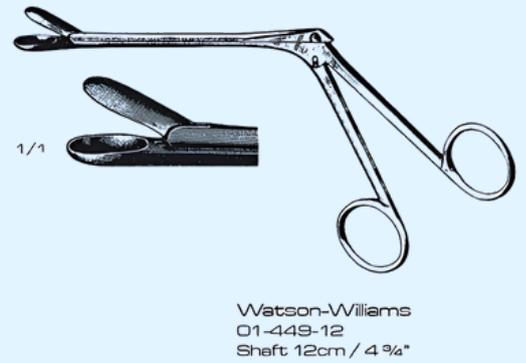
Blakesley (Lewis)  
01-444-12 To 01-446-12  
Shaft 12cm / 4 3/4"



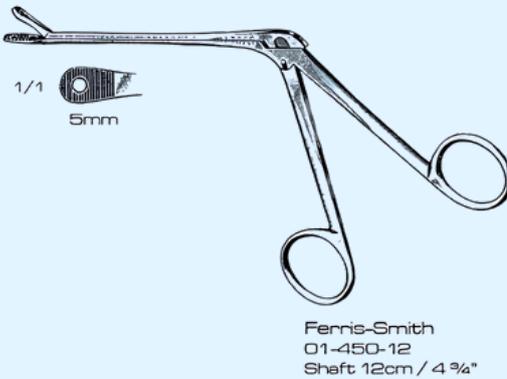
Blakesley  
01-447-12  
Shaft 12cm / 4 3/4"



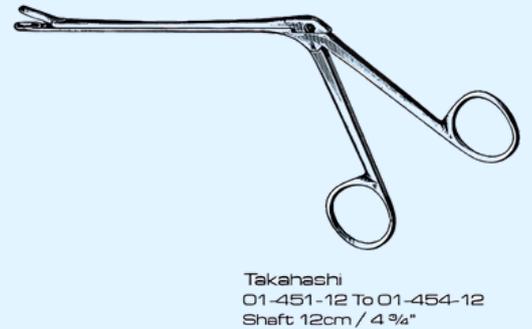
Blakesley  
01-448-12  
Shaft 12cm / 4 3/4"



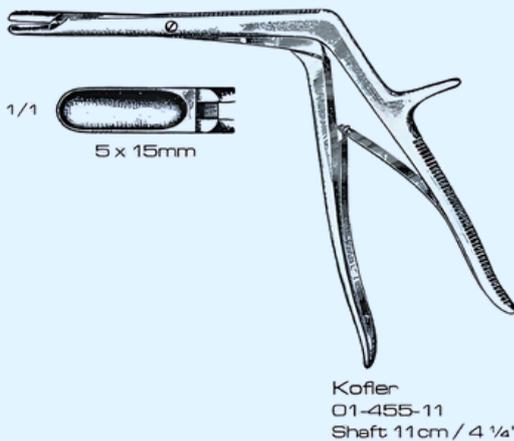
Watson-Williams  
01-449-12  
Shaft 12cm / 4 3/4"



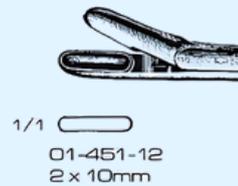
Ferris-Smith  
01-450-12  
Shaft 12cm / 4 3/4"



Takahashi  
01-451-12 To 01-454-12  
Shaft 12cm / 4 3/4"



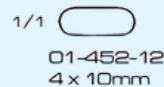
Kofler  
01-455-11  
Shaft 11cm / 4 1/4"



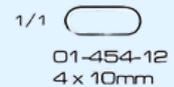
1/1  
01-451-12  
2 x 10mm



1/1  
01-453-12  
2 x 10mm



1/1  
01-452-12  
4 x 10mm



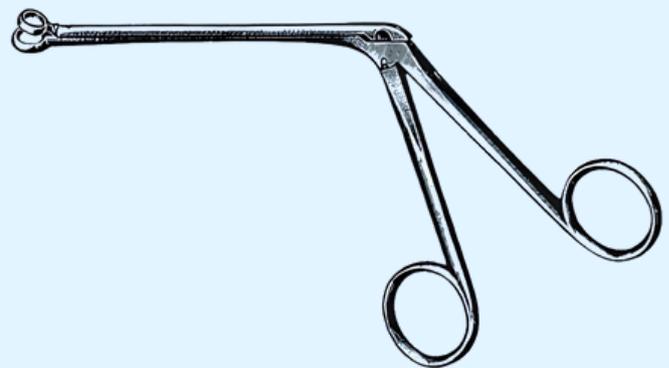
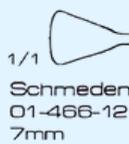
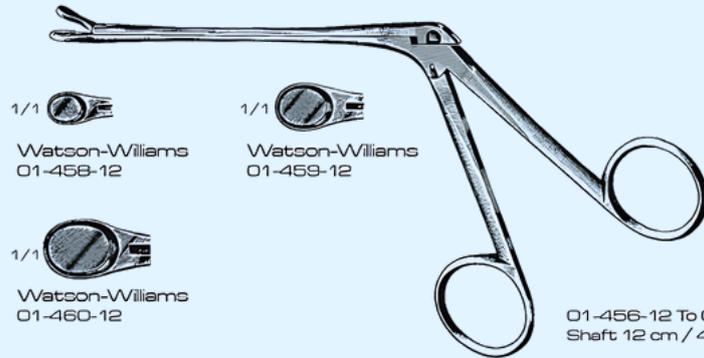
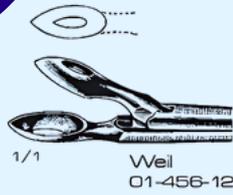
1/1  
01-454-12  
4 x 10mm



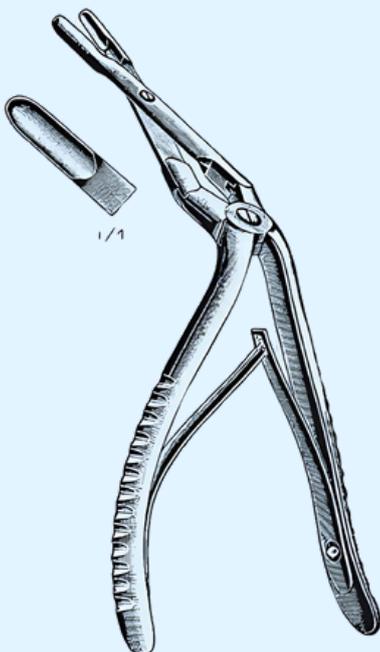


Metal Storm Co

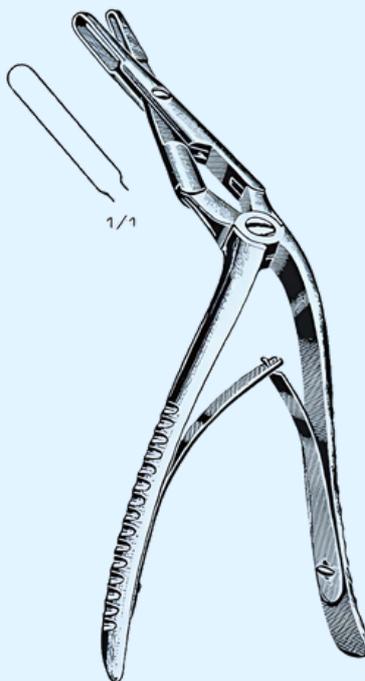
## NASAL POLYPS AND CUTTING FORCEPS



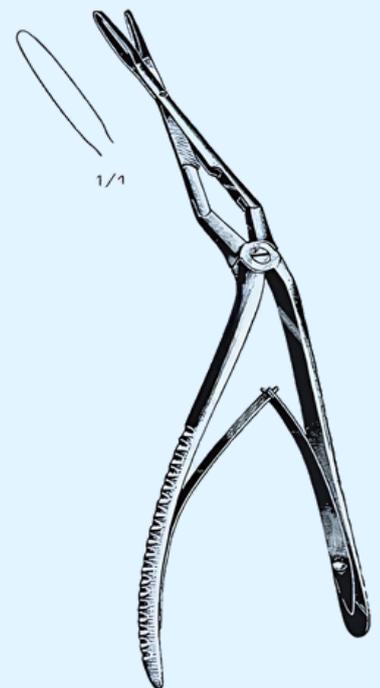
01-461-12 To 01-468-12  
Shaft 12 cm / 4 3/4"



Middleton-Jansen  
01-469-19  
19 cm / 7 1/2"



Middleton-Jansen  
01-470-19  
19 cm / 7 1/2"



Middleton-Struycken  
01-471-19  
19 cm / 7 1/2"





**Metal Storm Co**

**B**

Beyer.....01-4  
 Bellucci.....01-20, 01-22  
 Blakesley.....01-23  
 Blakesley-Lewis.....01-23  
 Broncho-Esophagoscopy Instruments.....01-15, 01-16, 01-17, 01-18, 01-19  
 Bruenings.....01-14

**C**

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 Chavallier-Jackson.....01-19  
 Citelli.....01-4  
 Citelli-Beyer.....01-4  
 Cloward.....01-8  
 Colclough.....01-5, 01-13  
 Cushing.....01-11

**E**

Ear Polypus Instruments.....01-20  
 Eicken.....01-14

**F**

Ferris-Smith.....01-13, 01-23  
 Ferris-Smith-Cushing.....01-3  
 Ferris-Smith-Kerrison.....01-1, 01-3  
 Fraenkel.....01-14

**H**

Hajek-Kofler.....01-4  
 Hartmann.....01-20, 01-24  
 Hartmann-Noyes.....01-20  
 House-Dieter.....01-22  
 Huber.....01-14

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Juers.....01-21

**K**

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 Krause.....01-14

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 Lange.....01-14  
 Love-Gruenwald.....01-11

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 Micro-Cup Shaped.....01-22  
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 Micro-Introduction Instruments.....01-22  
 Micro-Scissors.....01-22  
 Middleton-Jansen.....01-24  
 Middleton-Struycken.....01-24

**N**

Nasal Polypus and Cutting Forceps.....01-23, 01-24

**O**

Oldberg.....01-8

**P**

Punches.....01-1 upto 01-7, 01-13

**R**

Rongeurs.....01-3, 01-5, 01-8 upto 01-13

**S**

Scheinmann.....01-14  
 Schlesinger.....01-6, 01-11  
 Schmeden.....01-24  
 Seiffert.....01-14  
 Spurling.....01-11  
 Sybert.....01-7, 01-12

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Takahashi.....01-23

**U**

Universal Handle, Tubes, Tips.....01-14

**W**

Wagner.....01-5, 01-12  
 Watson-Williams.....01-23, 01-24  
 Weil.....01-24  
 Weil-Blakesley.....01-11  
 Wire Closure Forceps.....01-21  
 Wulstein.....01-22

**Y**

Yasargil.....01-12





# METAL STROM CO

