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Surgical Instruments

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## ADH Universal Rotating 360° Rongeur

**Quick trigger release / shaft locks in 8 positions through a 360° rotation / 8" (20cm) shaft**

ADH404-60 handle

ADH404-60 full set includes: handle all 40° sizes 8", all 90° sizes 8"

ADH404-607 1mmbite 90°

ADH 404-607 2mmbite 90°

ADH 404-607 3mmbite 90°

ADH 404-607 4mmbite 90°

ADH 404-607 5mmbite 90°

ADH 404-608 1mmbite 40°

ADH 404-608 2mmbite 40°

ADH 404-608 2 mm bite 40° up curved

ADH 404-608 2 mm bite 40° down curved

ADH 404-6082 2.5 mm bit 40°

ADH 404-603 3mmbite 40°

ADH 404-608 3 mm bite 40° up curved

ADH 404-608 3mmbite 40° endoscopic

ADH 404-60 4mmbite 40°

ADH 404-60 5mmbite 40°

### 10" (25.5cm) shaft

404-606 handle

404-607 full set- includes: handle all 40° sizes 10", all 90° sizes 10"

404-6076 1mmbite 90°

404-6077 2mmbite 90°

404-6078 3mmbite 90°

404-6079 4mmbite 90°

404-6080 5mmbite 90°

404-6086 1mmbite 40°

404-6087 2mmbite 40°

404-6088 3mmbite 40°

404-6089 4mmbite 40°

404-6090 5mmbite 40°



ADH404-60



ADH 404-60



ADH 404-60



ADH 404-608



ADH 404-608



ADH 404-6082



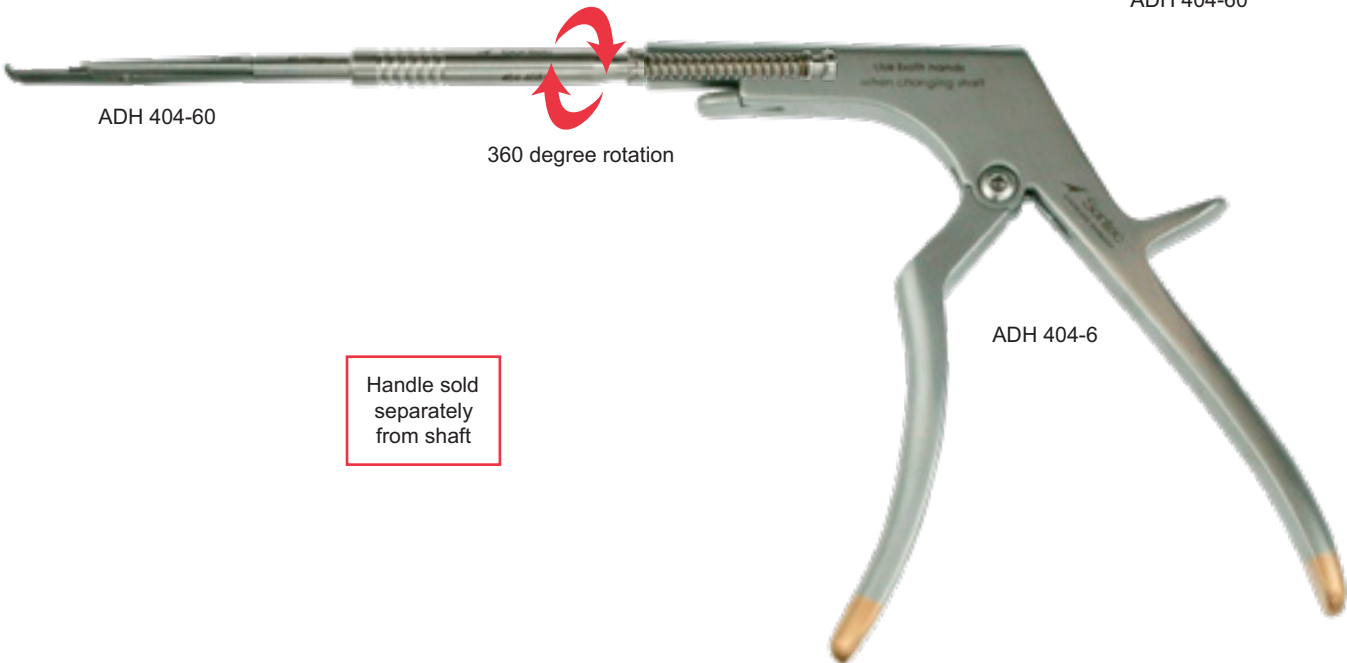
ADH 404-608



ADH 404-608



ADH 404-60



ADH 404-60

360 degree rotation

ADH 404-6

Handle sold separately from shaft

## ADH Universal Rotating 360° Rongeur

ADH 404-60 handle \*special order

### Bayonet shaft / black ceramic / 12 1/2" (31.8 cm)

- ADH 404-606 1mmbite 40°
- ADH 404-606 2mmbite 40°
- ADH 404-606 3mmbite 40°

### Endoscopic / black ceramic / 16" (40.6 cm)

- ADH 404-6063 3mmbite 40°



ADH 404-606



ADH 404-606



ADH 404-6063



360 degree rotation

ADH 404-60

Handle sold separately from shaft

## ADH Beatty Foraminotomy Rongeur

### 7 3/4" (19.5 cm) shaft / curved up

- ADH404-4 2 mm bite
- ADH 404-4 3 mm bite
- ADH 404-4 4 mm bite

### 7 3/4" (19.5 cm) shaft / curved down

- ADH 404-4 2 mm bite
- ADH 404-4 3 mm bite
- ADH 404-4 4 mm bite

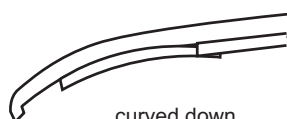
\* Also available with rounded footplate



slightly curved up



curved up



curved down



ADH 404-4

## Beatty Foraminotomy Rongeur

Black ceramic coating / 8" (20.3 cm) shaft /  
slightly curved up

ADH 404-46 2 mm bite

ADH 404-46 3 mm bite

ADH 404-46 4 mm bite

\* Also available with rounded footplate



ADH 404-46  
rounded tip

ADH 404-46








ADH 404-46  
rounded tip

ADH 404-46

**ADH 40° Rongeur**

Black ceramic coated / thin footplate punch / 10 mm opening

|              |   | Bite Width | Length of Shaft |           |           |
|--------------|---|------------|-----------------|-----------|-----------|
|              |   |            | 6"/15cm         | 7"/18cm   | 8"/21cm   |
| 40° Up-Angle |  | 1 mm       | ADH404-49       | ADH404-53 | ADH404-40 |
|              |  | 2 mm       | ADH404-49       | ADH404-54 | ADH404-40 |
|              |  | 3 mm       | ADH404-49       | ADH404-54 | ADH404-40 |
|              |  | 4 mm       | ADH404-49       | ADH404-54 | ADH404-40 |
|              |  | 5 mm       | ADH404-49       | ADH404-54 | ADH404-40 |
|              |  | 6 mm       | ADH404-49       | ADH404-54 | ADH404-41 |



ADH 404-49

**ADH 90° Rongeur**

Black ceramic coated / 10 mm opening

|         |   | Bite Width | Length of Shaft |           |           |
|---------|---|------------|-----------------|-----------|-----------|
|         |   |            | 6"/15cm         | 7"/18cm   | 8"/21cm   |
| Up-Bite |  | 1 mm       | ADH404-47       | ADH404-51 | ADH404-41 |
|         |  | 2 mm       | ADH404-47       | ADH404-52 | ADH404-41 |
|         |  | 3 mm       | ADH404-47       | ADH404-52 | ADH404-41 |
|         |  | 4 mm       | ADH404-47       | ADH404-52 | ADH404-41 |
|         |  | 5 mm       | ADH404-47       | ADH404-52 | ADH404-42 |
|         |  | 6 mm       | ADH404-47       | ADH404-52 | ADH404-42 |



ADH404-52

**ADH 90° Rongeur**

Thin footplate-punch / ceramic coating


|   | Bite Width | Length of Shaft |           |           |
|---|------------|-----------------|-----------|-----------|
|   |            | 6"/15cm         | 7"/18cm   | 8"/21cm   |
|  | 1 mm       | ADH404-48       | ADH404-53 | ADH404-42 |
|   | 2 mm       | ADH404-48       | ADH404-52 | ADH404-42 |
|   | 3 mm       | ADH404-48       | ADH404-52 | ADH404-42 |
|   | 4 mm       | ADH404-48       | ADH404-52 | ADH404-43 |
|   | 5 mm       | ADH404-48       | ADH404-52 | ADH404-43 |
|   | 6 mm       | ADH404-48       | ADH404-52 | ADH404-43 |

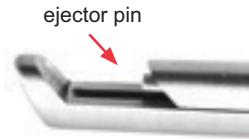


ADH404-53

**ADH 40° Laminectomy/Lumbar Rongeur**







Black ceramic coating / 8" (20 cm) shaft / wide mouth 15 mm bite  
/ with & without ejection pin

|  | Bite Width | With Ejector Pin | Without Ejector Pin |
|--|------------|------------------|---------------------|
| 40° Up-Angle<br> | 1 mm       |                  | ADH404-33           |
|  | 2 mm       | ADH404-33        | ADH404-33           |
|  | 3 mm       | ADH404-33        | ADH404-33           |
|  | 4 mm       | ADH404-33        | ADH404-34           |
|  | 5 mm       | ADH404-33        | ADH404-34           |



**ADH 40° Rongeur**

Thin footplate-punch / 10 mm opening

|              |   | Bite Width | Length of Shaft |          |          |
|--------------|---|------------|-----------------|----------|----------|
|              |   |            | 6"/15cm         | 7"/18cm  | 8"/21cm  |
| 40° Up-Angle |  | 1 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|              |  | 2 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|              |  | 3 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|              |  | 4 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|              |  | 5 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|              |  | 6 mm       | ADH404-4        | ADH404-5 | ADH404-4 |



**ADH 90° Rongeur**


Thin footplate punch / 10 mm opening / up

|         | Bite Width | Length of Shaft |           |          |
|---------|------------|-----------------|-----------|----------|
|         |            | 6"/15cm         | 7"/18cm   | 8"/21cm  |
| Up-Bite | 1 mm       | ADH404-4        | ADH404-5  | ADH404-4 |
|         | 2 mm       | ADH404-4        | ADH404-5  | ADH404-4 |
|         | 3 mm       | ADH404-4        | ADH404-51 | ADH404-4 |
|         | 4 mm       | ADH404-4        | ADH404-5  | ADH404-4 |
|         | 5 mm       | ADH404-4        | ADH404-5  | ADH404-4 |
|         | 6 mm       | ADH404-4        | ADH404-5  | ADH404-4 |



## ADH Rongeur 90° Down Bite Rongeur

Thin footplate / 10mm opening down

|  | Bite Width | Length of Shaft |          |          |
|--|------------|-----------------|----------|----------|
|  |            | 6"/15cm         | 7"/18cm  | 8"/21cm  |
|  <p>90° Down Bite</p> | 1 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|  | 2 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|  | 3 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|  | 4 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|  | 5 mm       | ADH404-4        | ADH404-5 | ADH404-4 |
|  | 6 mm       | ADH404-4        | ADH404-5 | ADH404-4 |



**ADH 40° Rongeur**

Thin footplate / 10 mm opening / down

|                              | Bite Width | Length of Shaft |          |
|------------------------------|------------|-----------------|----------|
|                              |            | 7"/18cm         | 8"/21cm  |
| <p>40° Forward Down-Bite</p> | 1 mm       | ADH404-53       | ADH404-5 |
|                              | 2 mm       | ADH404-53       | ADH404-5 |
|                              | 3 mm       | ADH404-53       | ADH404-5 |
|                              | 4 mm       | ADH404-53       | ADH404-5 |
|                              | 5 mm       | ADH404-53       | ADH404-5 |
|                              | 6 mm       | ADH404-53       | ADH404-5 |



**ADH 40° Rongeur**







Black and gold ceramic coating  
/ thin footplate-punch / up / 8"  
(20.3 cm)

|                     | Bite Width | Metal      |
|---------------------|------------|------------|
|                     |            | Black/Gold |
| <p>40° Up-Angle</p> | 1 mm       | ADH404-400 |
|                     | 2 mm       | ADH404-402 |
|                     | 3 mm       | ADH404-403 |
|                     | 4 mm       | ADH404-404 |
|                     | 5 mm       | ADH404-405 |



**ADH Bayonet 40° Rongeur**

Thin footplate / 10 mm opening / 8" (20 cm) shaft / with & without ejection pin

|              |   | Bite Width | With Pin  | Without Pin |
|--------------|---|------------|-----------|-------------|
| 40° Up-Angle |  | 1 mm       | NA        | 404-401     |
|              |  | 2 mm       | ADH404-40 | ADH404-4    |
|              |  | 3 mm       | ADH404-4  | ADH404-40   |
|              |  | 4 mm       | ADH404-40 | ADH404-4    |
|              |  | 5 mm       | ADH404-40 | ADH404-4    |
|              |  |            |           |             |



## ADH Bayonet 40° Rongeur

Black ceramic coating / thin footplate / 10 mm opening / 8" (20 cm) shaft / with & without ejection pin

|                  | Bite Width | With Pin   | Without Pin |
|------------------|------------|------------|-------------|
| 40° Up-Angle<br> | 1 mm       | NA         | 404-40      |
|                  | 2 mm       | ADH404-405 | ADH404-40   |
|                  | 3 mm       | ADH404-40  | ADH404-403  |
|                  | 4 mm       | ADH404-405 | ADH404-40   |
|                  | 5 mm       | ADH404-405 | ADH404-40   |



## **ADH Bayonet Foraminotomy Rongeur**

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2 mm opening / 10" (25.4 cm) shaft








ADH 404-4



## ADH Convertible 40° Rongeur

8" (20.3 cm) shaft / 10 mm opening / without ejection pin / ejector pin for 3 mm sizes and longer only

- \* Other tip sizes & lengths available upon request.
- \* Swing system for easy cleaning
- \* Sizes available 4-6 mm with pin

|              |   | Bite Width |           |             |
|--------------|---|------------|-----------|-------------|
| 40° Up-Angle |  | 1 mm       | ADH404-33 | without pin |
|              |  | 2 mm       | ADH404-33 | without pin |
|              |  | 3 mm       | ADH404-33 | with pin    |
|              |  | 4 mm       | ADH404-34 | with pin    |
|              |  | 5 mm       | ADH404-34 | with pin    |
|              |  | 6 mm       | ADH404-34 | with pin    |
|              |  | 7 mm       | ADH404-34 | with pin    |



**ADH 40° Rongeur Titanium**

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7" (18 cm)

2603-541 3 mm



**ADH Kerrison 40° Rongeur**

10 mm opening / up / with ejection pin

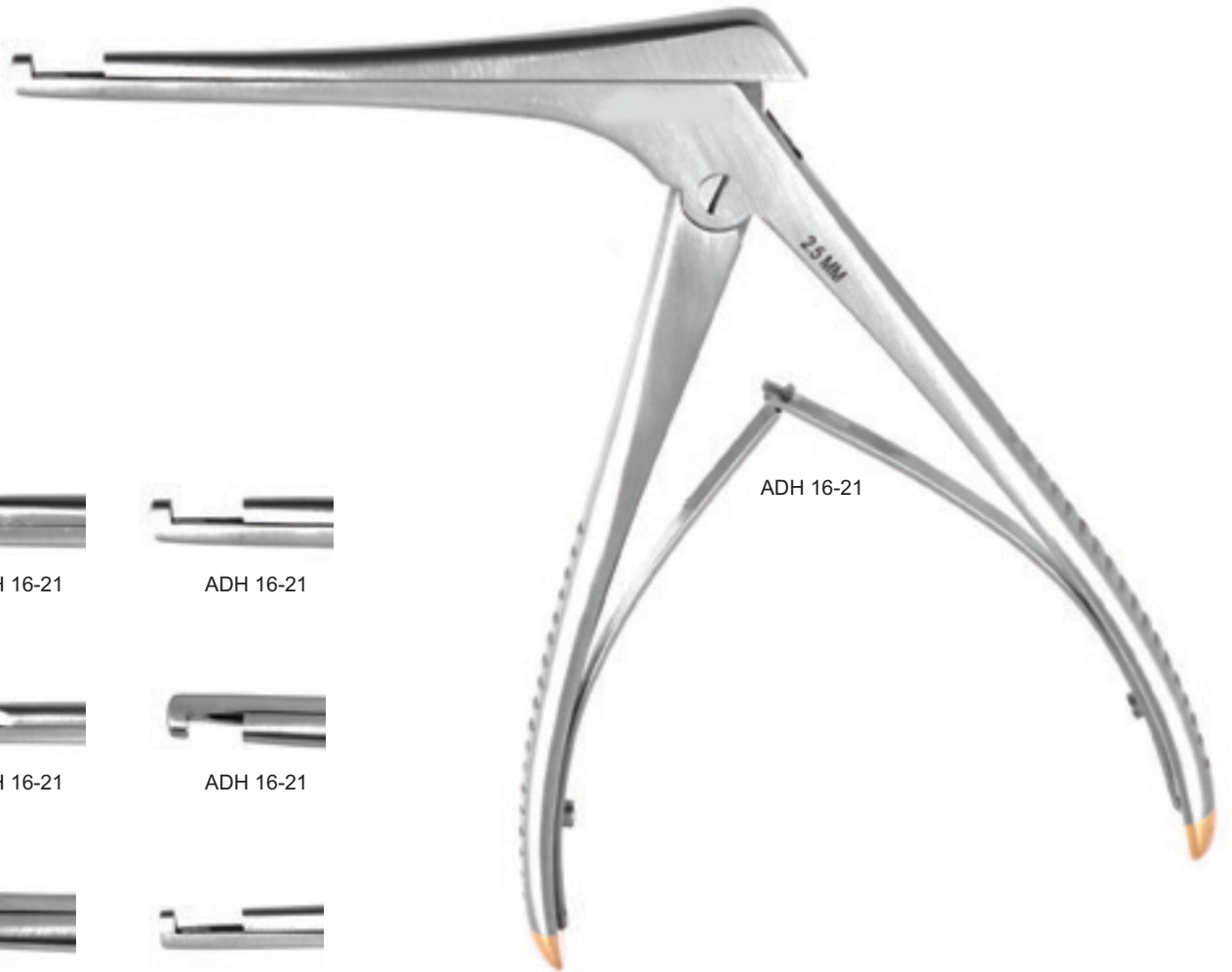
|              |   | Bite Width   | Length of Shaft |            |            |
|--------------|---|--|-----------------|------------|------------|
| 40° Up-Angle |  |  | 7"/18cm         | 8"/21cm    |            |
|              |  |  | 2 mm            | ADH404-540 | ADH404-402 |
|              |  |  | 3 mm            | ADH404-541 | ADH404-404 |
|              |  |  | 4 mm            | ADH404-542 | ADH404-406 |
|              |  |  | 5 mm            | ADH404-543 | ADH404-408 |



**ADH Punch (Ocular-plasti) 90° Rongeur**

**4" (10 cm) shaft**





- ADH16-210 1.0 mm wide up
- ADH16-210 1.5 mm wide up
- ADH16-210 2.0 mm wide up
- ADH16-210 2.5 mm wide up
- ADH16-210 3.0 mm wide up
- ADH16-210 3.0 mm wide down
- ADH16-210 4.0 mm wide down
- ADH16-210 4.0 mm wide up

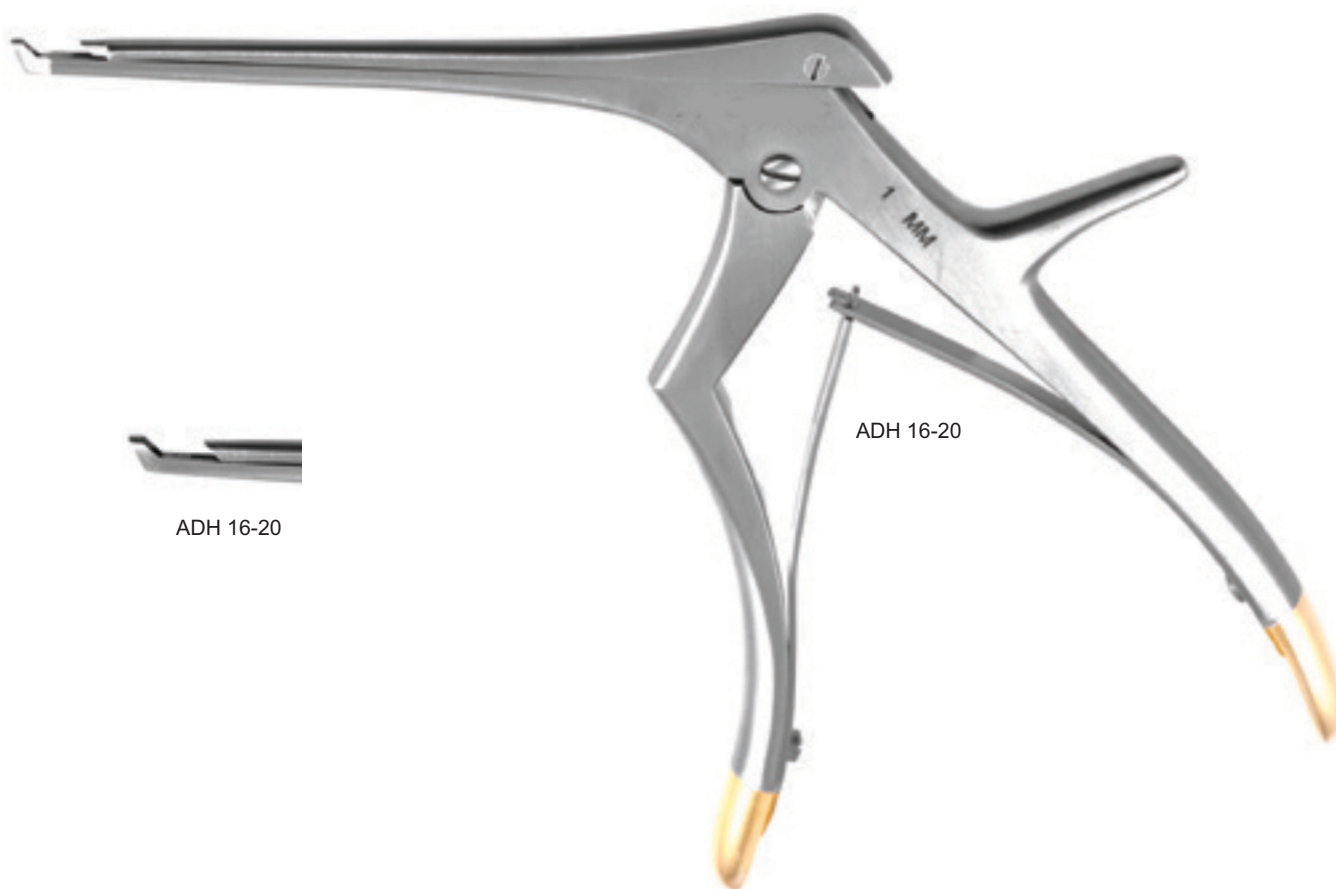


## ADH Punch (Ocular-plasti) 40° Rongeur

4" (10 cm) shaft

- ADH16-20 1.0 mm wide
- ADH16-20 1.5 mm wide
- ADH16-20 2.0 mm wide
- ADH16-20 3.0 mm wide

|              |   | Bite Width |           |
|--------------|---|------------|-----------|
| 40° Up-Angle |  | 1 mm       | ADH 16-20 |
|              |  | 1.5 mm     | ADH 16-20 |
|              |  | 2 mm       | ADH 16-20 |
|              |  | 3 mm       | ADH 16-20 |



**ADH Rongeur**

40° / easy clean / 8" (20.3 cm)

- ADH404-40 1 mm
- ADH404-40 2 mm with ejector pin
- ADH404-40 3 mm with ejector pin
- ADH404-40 4 mm with ejector pin
- ADH404-40 5 mm with ejector pin

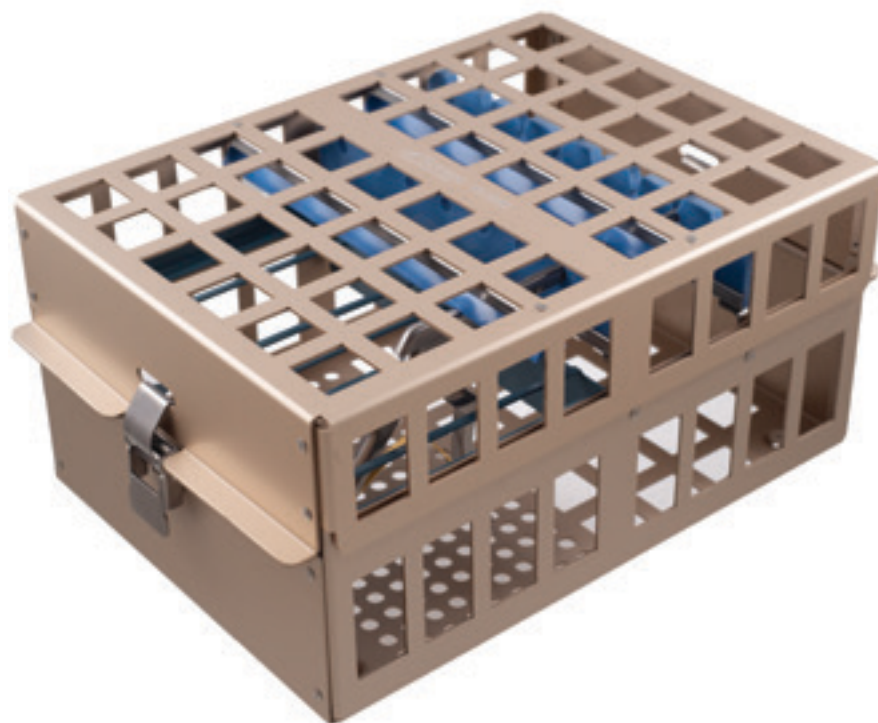
|                     | Bite Width | With Pin  | Without Pin |
|---------------------|------------|-----------|-------------|
| <p>40° Up-Angle</p> | 1 mm       | NA        | 404-400E    |
|                     | 2 mm       | ADH404-40 | NA          |
|                     | 3 mm       | ADH404-40 | NA          |
|                     | 4 mm       | ADH404-40 | NA          |
|                     | 5 mm       | ADH404-40 | NA          |



## Rongeurs Tray

Anodized aluminum tray / 9" x 13" x 6"

ADH 18-35

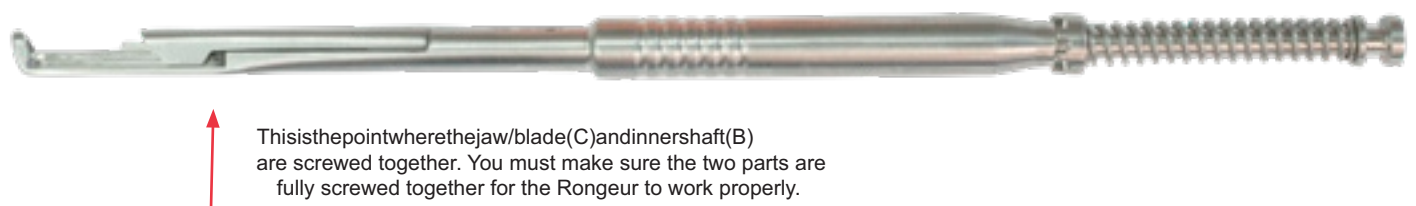
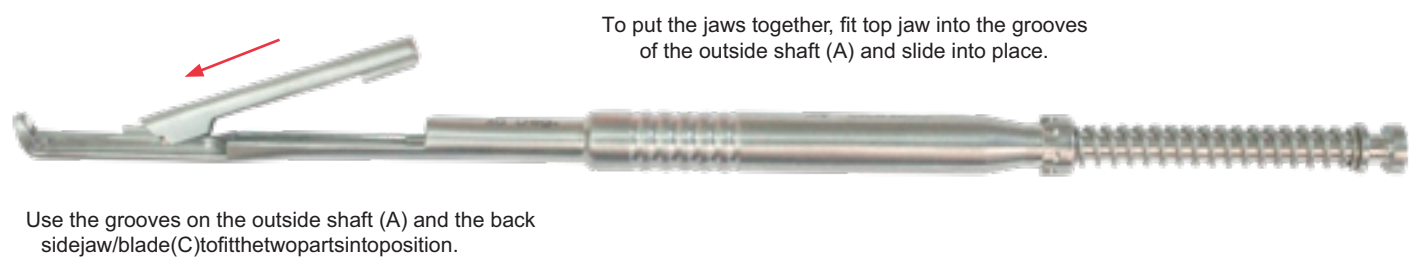
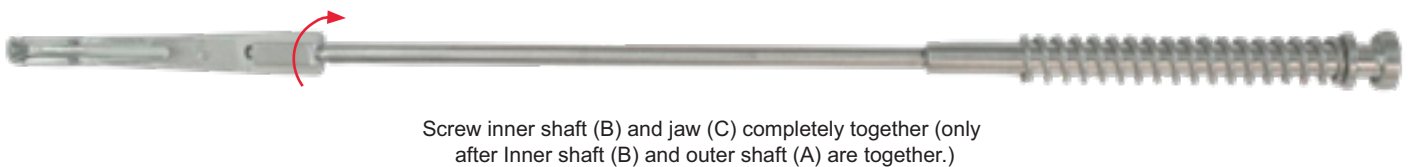
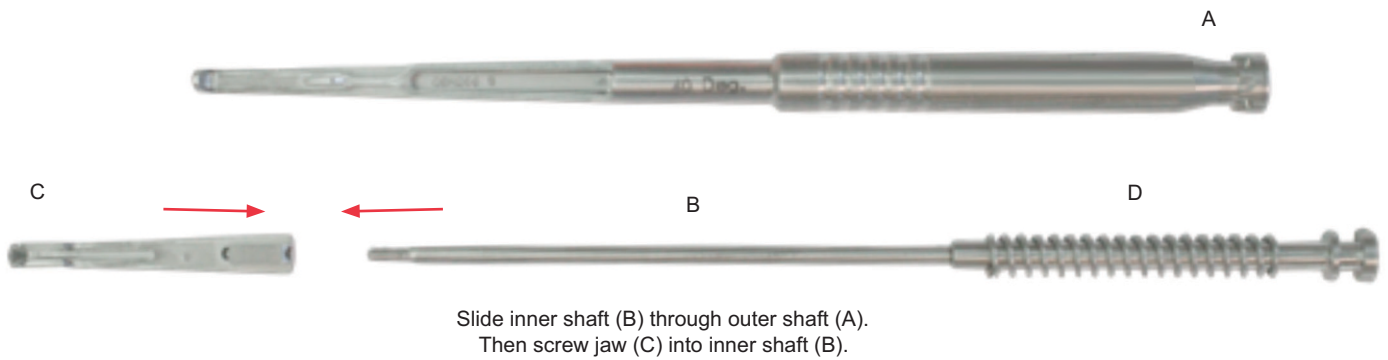


ADH 18-35



## Care and Maintenance for the Universal Rotating 360° ADH Rongeur Shafts & Handles

The Universal Rotating 360° Kerrison Rongeur shafts are comprised of four parts:  
 A: outside shaft with frontal jaw blade  
 B: Inner shaft with threading at the tip  
 C: Backside blade/jaw with screw port at the end  
 D: spring



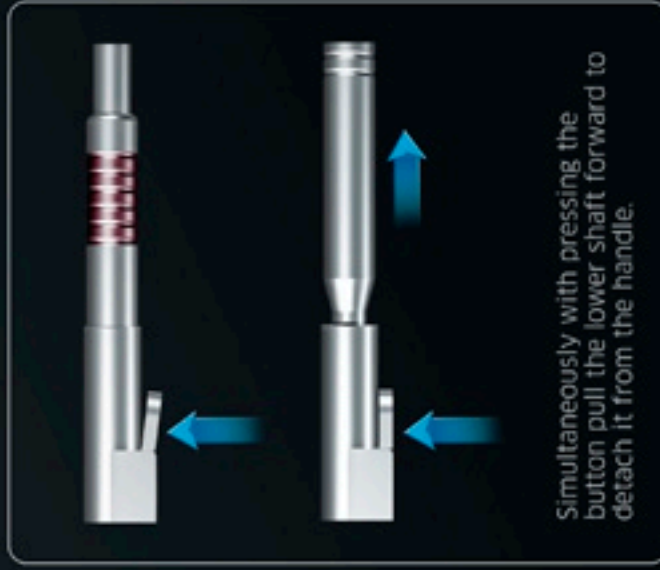
## INSERTING SHAFT



**IMPORTANT:**

WHEN INSERTING NEW SHAFT INTO NEW HANDLE, YOU HAVE TO MAKE SURE THAT HANDLE IS IN **CLOSED** POSITION AND MOVING HANDLE FREE TO MOVE. OTHERWISE, THE NEW FORCE-OPEN MECHANISM WILL NOT FUNCTION!

## RELEASING SHAFT



Simultaneously with pressing the button pull the lower shaft forward to detach it from the handle.

Click Kerrison punches are suitable for all kinds of shafts: Straight, Bayonet, Curved up and down. You do not need to keep a large stock of Kerrisons, only the shafts are necessary.

This new kind of Kerrison's approach, besides significant financial savings simplifies the entire working process. Your productivity will not be affected by a very short training period. The costs of migration to this new product are very

low and the positive results are almost immediately visible.

For detailed information regarding training and available additional instruction see the contacts on the back cover of this brochure.