

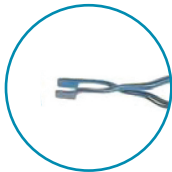
NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

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NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

NUCLEUS CRACKERS / PRECHOPPERS

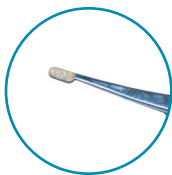
Ernest Nucleus Cracker with Serrations



AS9-001

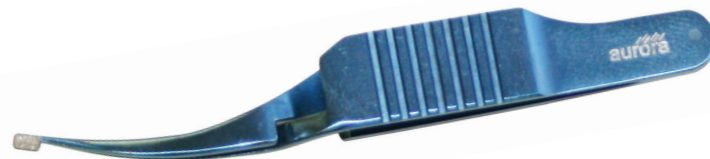
- Serrated Jaws
- Cross Action
- Overall Length 106mm

Salz Type Nucleus Splitter



AS9-002

- 1.1 x 2.5mm Tips



AS9-003

- 1.7 x 2.8mm Tips

Combo Prechopper



AS9-010

- Stainless Steel
- To be used with soft or hard nuclei
- Maximum opening 2.8mm
- Cross Action
- Overall Length 121mm

Combo Prechopper for sub-2.0 mm Coaxial MicroPhaco



AS9-011

- Stainless Steel
- To be used with soft or hard nuclei
- Groove enables easy rotation of nuclei
- Maximum opening 2.8mm
- Cross Action
- Overall Length 121mm

Hybrid Combo Prechopper, Akahoshi Type



AS9-012

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Akahoshi Universal Nucleus Separator



AS9-013

- Used to complete the splitting of partially chopped nuclei
- Used to divide nucleus after grooving for divide and conquer technique
- Maximum opening 2.8mm
- Cross Action
- Overall Length 121mm

Inamura Eagle Prechopper



AS9-015

- Tip inserts easily in denser nuclei
- Enables division of soft to dense nucleus without counter force
- Maximum opening 2.8mm
- Cross Action
- Overall Length 121mm

Nucleus Sustainer Akahoshi Type

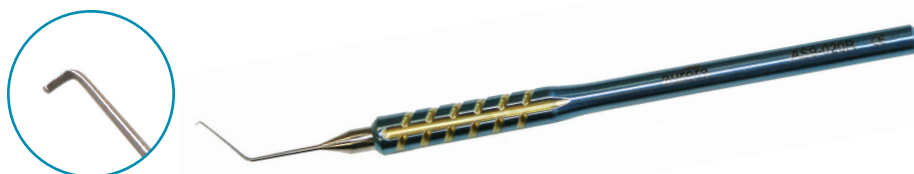


AS9-019

- To apply counter traction for pre-chopping
- Paddled Shaped Tip with Right Right Side Dished Out
- Angled 11mm from Bend to Tip

PHACO CHOPPERS

Nagahara I Phaco Chopper



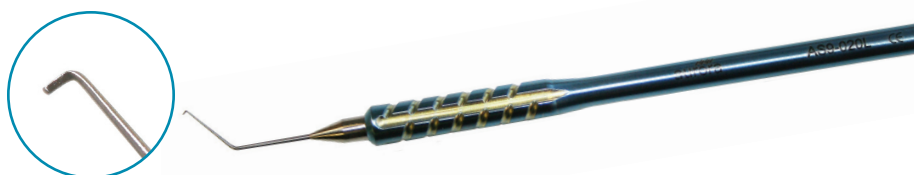
AS9-020R

- .5mm Cutting Edge
- Blunt Tip
- Right Hand Dominant

AS9-020L

- .5mm Cutting Edge
- Blunt Tip
- Left Hand Dominant

Nagahara II Phaco Chopper



AS9-0201R

- 1.25mm Cutting Edge
- Blunt Tip
- Right Hand Dominant

AS9-0201L

- 1.25mm Cutting Edge
- Blunt Tip
- Left Hand Dominant

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Nagahara Phaco Chopper and Drysdale Nucleus Manipulator



AS9-021R

- Nagahara I Phaco Chopper with Drysdale Manipulator
- Ideal for Chopping and Manipulating the Nucleus

Nagahara Chopper and Quick Chopper, Double Ended



AS9-022R

- Nagahara I Phaco Chopper with Nucleus Pick Quick Chopper
- For Horizontal and Vertical Chopping

Fukasaku Small Pupil Snapper Hook and Chopper



AS9-023

- Wedge Shaped Inferior Edge
- Front Notched for Engaging Iris
- Blunt Tip

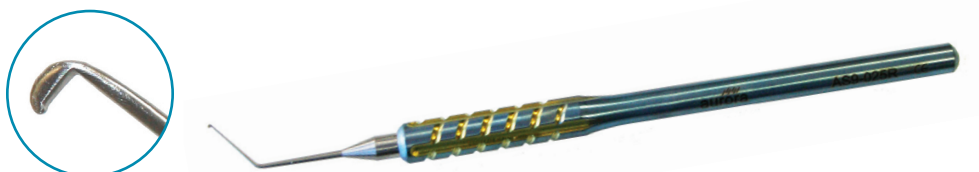
Rosen Phaco Chopper



AS9-024

- Universal Wedge Shaped Tip
- Blunt Tip

Rosen Phaco Splitter, RHD



AS9-025R

- Right Hand Dominant
- 60° Angled Wedge Shaped Tip
- Blunt Tip

AS9-025L

- Left Hand Dominant
- 60° Angled Wedge Shaped Tip
- Blunt Tip

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Rowen Phaco Spatula (Rosen Phaco Splitter & Bechert Nucleus Rotator)



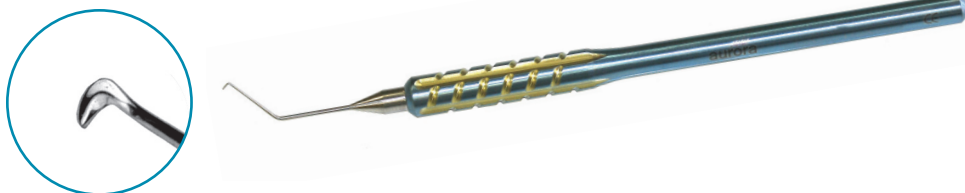
AS9-026

- Double Ended
- Right Hand Dominant

AS9-026L

- Double Ended
- Left Hand Dominant

Haefliger Phaco Cleaver



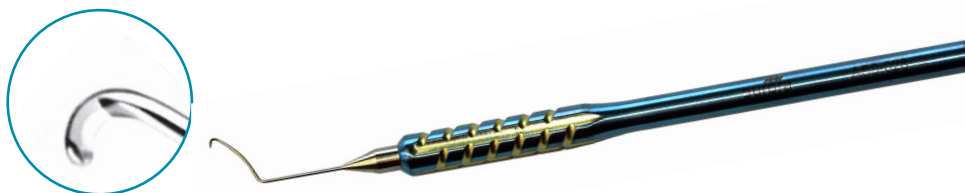
AS9-027R

- Angulated 45° Tip
- 10mm Bend to Tip
- Right Hand Dominant

AS9-027L

- Angulated 45° Tip
- 10mm Bend to Tip
- Left Hand Dominant

Nucleus Claw Chopper



AS9-028

- J Shaped Ambidextrous Chopper
- 10mm Bend to Tip
- Blunt Tip

He II Phaco Chopper



AS9-029R

- Right Hand Dominant
- 1.25mm Tip with Unique Hook Shaped Blunt Tip

AS9-029L

- Left Hand Dominant
- 1.25mm Tip with Unique Hook Shaped Blunt Tip

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

He Phaco Chopper



AS9-030R

- Right Hand Dominant
- Interior Cutting Edge with Unique Hook Shaped Blunt Tip
- Angled 10.5mm from Bend to Tip



AS9-030L

- Left Hand Dominant
- Interior Cutting Edge with Unique Hook Shaped Blunt Tip
- Angled 10.5mm from Bend to Tip

Triple Edged Chopper (Nichamin Style)



AS9-031

- Universal Triple Edged Chopper
- Multi Directional Cutting Edge
- Angled 10mm from Bend to Tip

Triple Edge Chopper with Polisher Tip (Verges Style)



AS9-032

- Ambidextrous Chopper with Capsule Polisher Tip
- Large Blunt Tip for Safety

Triple Edge Chopper with Polisher Tip (Verges Style) / Drysdale Nucleus Manipulator

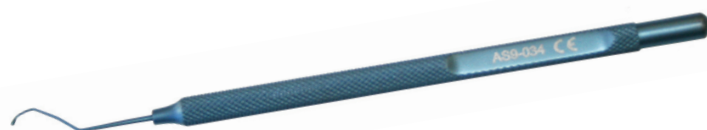
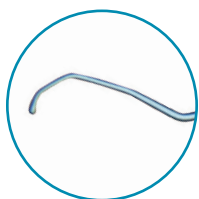


AS9-033

- Doubled Ended
- Verges Style Chopper and Drysdale Manipulator

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

"M" Hook, (Minami Style)



AS9-034

- Teardrop Shaped Tip for Dividing and Manipulating Nucleus from All Directions
- Angled 10mm from Bent to Tip at 30°

Nucleus Pick Quick Chopper



AS9-035

- Quick Chopper with 1.3mm Pointed Sharp Tip
- Angled 10mm Bend to Tip

Quick Chopper with Rounded Edge



AS9-036R

- Seibel Type Quick Chopper
- Rounded Edges to Protect the Capsule

Nichamin Type Quick Chopper In Line with Phaco Incision, RHD



AS9-037R

- Wedged Tip Designed for Quick Chop
- Angled 10mm from Bend to Tip

Triple Chopper with Olive Tip (Seibel Type)



AS9-038

- Ambidextrous Nucleus Chopper
- .5mm Olive Shaped Tip
- Slightly Angled, 15mm from Bend to Tip

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Triple Chopper with Olive Tip / Quick Chopper with Rounded Edge



AS9-039

- Seibel I Style Chopper with Seibel Type Quick Chopper

Chang Chopper, Double-Ended



AS9-040R

- Right Hand Dominant
- Double Ended
- Modified Micro Finger with Unique C Shaped Blunt Tip Chopper
- Quick Chopper with 1.3mm Pointed Sharp Tip
- Both Angled 10mm Bend to Tip

AS9-040L

- Left Hand Dominant
- Same Description as **AS9-040R**

Chang/Seibel Type Chopper, Double Ended



AS9-041

- Double Ended
- Modified Microfinger with Unique C Shaped Blunt Tip Chopper
- Seibel Type Quick Chopper

Green's Style Chopper, Right Handed Doctor



AS9-042

- J Shaped 1.5mm Chopper
- Slightly Vaulted with Rounded Tip

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Espiritu-Caparas Style Chopper, Double Ended



AS9-043

- Double Ended Verges Chopper and .8mm Spatula

AS9-044

- Espiritu - Caparas II
- Double Ended Verges Chopper and .5mm Spatula

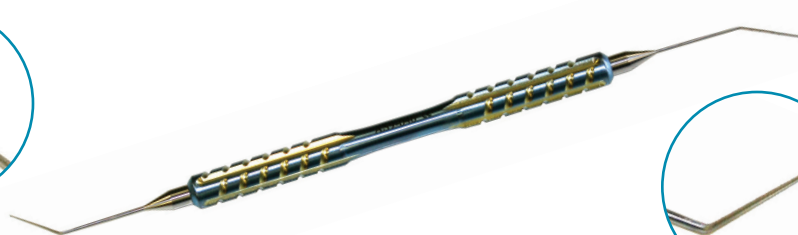
MacKool Type Phaco Chopper



AS9-045

- Micro Ball Shaped Blunt Tip with Interior Cutting Edge
- Angled 10mm from Bent to Tip

Maloney Nucleus Rotator, Double Ended



AS9-046

- Double Ended, .5mm Spatula and .6mm Forked Tip Spatula
- Angled 12mm Bend to Tip

Nagahara Karate Chopper



AS9-047

- 1.5mm Centered Interior Cutting Edge with Bullet Shaped Tip
- Angled 10mm Bend to Tip

Sangrador Chopper, Double Ended



AS9-048

- Verges Type Chopper with Notched .5mm Spatula
- Double Ended

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Axe Chopper, Shepherd Tomahawk Style



AS9-049

- Axe Shaped Vertical Chopper
- Angled 10mm from Bend to Tip

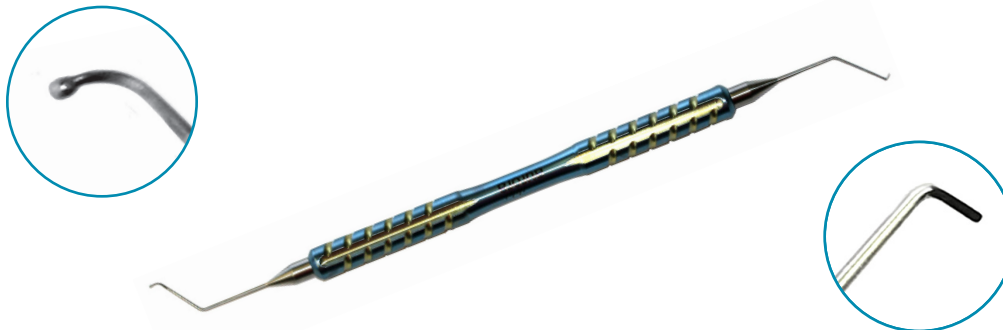
MacKool Type Chopper & 10mm Vaulted Spatula



AS9-050

- Double Ended MacKool Type Chopper and 10mm Vaulted Spatula

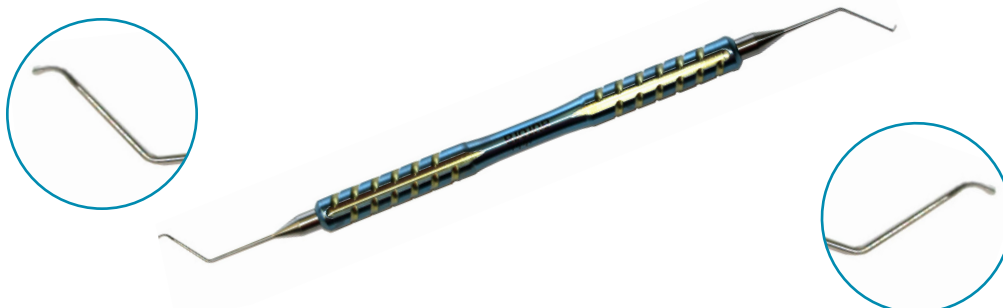
Triple Edge Chopper w/ Polisher Tip & Nichamin Type Quick Chopper



AS9-051

- Double Ended Verges Type Chopper and Nichamin Type Quick Chopper

Chaya Chopper



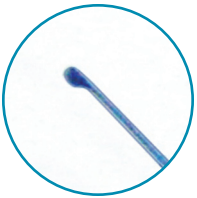
AS9-052

- Double Ended Chopper
- Flatten Verges Type Chopper and Modified Axe Chopper Offset at 90°

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

NUCLEUS MANIPULATORS/CHOPPERS

Micro Drysdale Nucleus Manipulator



AS9-055

- Micro Sized Flattened Paddle Tip used to Manipulate Nucleus Through a Small Incision

Drysdale Nucleus Manipulator



AS9-056

- Flattened Paddle Tip
- Ideal for Manipulating Tissue, Rotating and Cracking Nucleus

Drysdale Nucleus Manipulator and Capsule Polisher Tip



AS9-057

- Drysdale Manipulator with Roughen Surface for Capsule Polishing

Koch Nucleus Spatula



AS9-060

- Smooth Duckbilled Spatula with Notch
- Designed to Easily and Efficiently Manipulate the Nucleus

AS9-060NN

- Smooth Duckbilled Spatula
- Designed to Easily and Efficiently Manipulate the Nucleus

Lieberman Microfinger



AS9-061

- Right Hand Dominant
- C Shaped Chopper with Blunt Tip
- Angled 10mm from Bend to Tip

AS9-061

- Right Hand Dominant

NUCLEUS CRACKERS, PRECHOPPERS AND CHOPPERS

Modified Microfinger (Ing Type)



AS9-062

- Modified Microfinger
- Used to Easily Manipulate the Nucleus

Intraocular Manipulator with Ball Tip



AS9-063

- Straight
- Stainless Steel
- (Connor Type)

AS9-063T

- Straight
- Titanium
- (Connor Type)



AS9-064

- Angled
- Stainless Steel
- (Connor Type)

AS9-064T

- Angled
- Titanium
- (Connor Type)

CAPSULE POLISHERS

Shephard Anterior/Posterior Capsule Polisher Curette



AS9-070

- Straight
- Used to Polish Anterior and Posterior Capsule



AS9-070L

- Left 90° Angle
- Used to Polish Anterior and Posterior Capsule



AS9-070R

- Right 90° Angle
- Used to Polish Anterior and Posterior Capsule



AS9-071

- Double Ended Left / Right
- Used to Polish Anterior and Posterior Capsule

