

**IRRIGATING CHOPPERS**

**AGARWAL**

**4.3470** Phakonit Irrigating chopper, front port  
Ø 0.95 mm



**CHANG**

**4.3471** Microfinger Irrigating chopper, front port  
For horizontal chopping  
Ø 0.95 mm



**DODICK**

**4.3472** Irrigating chopper  
Ø 0.6 mm dual side port  
Ø 0.95 mm



**ROSEN**

**4.3473** Irrigating chopper  
Shaped tip w/blunt end  
front port  
Ø 0.95 mm



**FUKASAKU**

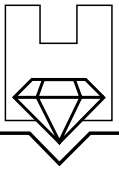
**4.3474** Irrigating chopper  
w/front notch  
front port  
Ø 0.95 mm



**NAGAHARA**

**4.3476** Irrigating chopper  
60° angled  
Ø 0.95 mm





## MANIPULATORS - CHOPPERS - SPLITTER

### SILVERMAN

- 4.6709** Fixation pick  
atraumatic scleral  
fixation, 3 mm spread



### NAGAHARA

- 4.6711** Nucleus phaco-chopper  
blade at 90° for right  
and left handed surgeons



### KOCH

- 4.6712** Nucleus chopper  
to brake up the  
nucleus, 1.5 mm tip,  
angled



- 4.6713** Straight



### LESTER KUGLEN

- 4.6714** IOL manipulator  
hourglass shape tip  
slightly curved



### MINAMI

- 4.6715** Multiuse phaco hook  
for dividing and  
manipulating  
nucleus material



### NAGAHARA

- 4.6716** Nucleus phaco-chopper,  
60° offset blade for  
left hand



- 4.6717** For right hand

### KOCH

- 4.6718** Nucleus spatula,  
gently curved, smooth



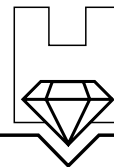
- 4.6719** With notches



### BRIERLEY

- 4.6720** Nucleus splitter for  
bimanual nucleus  
division





**CHOPPERS - CLEAVERS - CRACKERS**

**DODICK-KAMMAN**

- 4.6721 Bimanual nucleus chopper straight
- 4.6722 Angled



**NEUHANN**

- 4.6723 Nucleus divider spatulated tip



**FUKASAKU**

- 4.6724 Snapper hook for the snap and split technique



**FUKASAKU**

- 4.6725 Snapper hook for small pupils with front notch



**ROSEN**

- 4.6726 Nucleus splitter shaped inferior edge with blunt tip



**ROSEN**

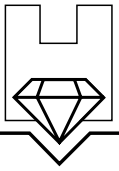
- 4.6727 Nucleus splitter 60° angled, shaped interior edge with blunt tip



**ROWEN**

- 4.6728 Nucleus splitter at one end, Bechert nucleus rotator at the other end





## MANIPULATORS - CRACKERS - CLEAVERS

### DRYSDALE

- 4.6729** Nucleus manipulator to polish the anterior segment of the capsular fornix



### PISACANO

- 4.6730** Nucleus rotator for nucleus cracking angled



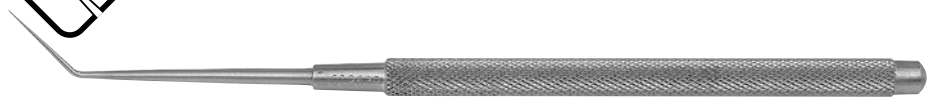
### HAEFLIGER

- 4.6731** Nucleus cleaver, left hand  
**4.6742** Right hand angled



### GALAND

- 4.6732** Nucleus manipulator 0.40 - 1.00 mm by 14 mm long blade, angled, 12 cm



### GALAND-JOHNSON

- 4.6733** Nucleus cracker 0.20 - 0.45 mm by 10 mm long blade, angled, 12 cm



### ARNEODO-CROZAFON

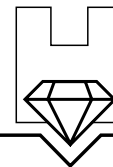
- 4.6734** Nucleus manipulator for hard and soft nucleus one thin and one large end



### HUCO

- 4.6735** Nucleus manipulator and chopper Finger shape left hand  
**4.6736** right hand





**MANIPULATORS - CHOPPERS**

**DEITZ**

**4.6741** ICL® slider  
to place the haptic  
under the iris round hole tip  
Ø 0.80 mm, angled



**DEITZ**

**4.6744** ICL® Tucker/slider,  
forked tip, angled,  
12.0 mm



**BROWN**

Intracapsular  
nucleus manipulator  
**4.6745** Hard nucleus  
**4.6746** Soft nucleus



**CHANG**

**4.6750** Phaco chopper  
Micro finger and  
pointed chopper  
Right hand  
**4.6751** Left hand



**GALAND**

**4.6752** Nucleus cracker  
middle ball tip



**PALLAS**

**4.6753** Chopper/Manipulator  
Lester-kuglen manipulator  
at one end/Neuhann  
nucleus divider at the  
other end



**FUKASAKU-LIEBERMAN**

**4.6760** Phaco spatula  
small pupil snapper hook  
and Micro-Finger,  
right hand  
**4.6761** Left hand

