



Hook Handle

Gigli
71-001-00

Wire Saws



Gigli
71-002-30 30 cm/12"
71-002-40 40 cm/16"
71-002-50 50 cm/20"



Conductors

Martel
71-003-33
33 cm/13"



With 2 Extra Hooks

Skull Cutting Forceps

Dahlgren
71-004-20
20 cm/8"



With 1 Hook Each

De Vilbiss
71-005-21
21 cm/8¼"



Crutchfield
71-006-00



Crutchfield
71-007-00



71-008-00



Crutchfield
71-009-00
Complete With 2 Drills

Applying and Removing Forceps



Raney
71-010-00
16 cm/6¼"



McKenzie
71-011-15 15 cm/6"
71-011-19 19 cm/7½"



Olivecrona-Tonnies
71-012-14

Medial



mm
71-012-40 40 x 20
71-012-45 45 x 20
71-012-50 50 x 20
71-012-55 55 x 20
71-012-60 60 x 20

Lateral



mm
71-013-40 40 x 20
71-013-45 45 x 20
71-013-50 50 x 20
71-013-55 55 x 20
71-013-60 60 x 20



mm
71-014-40 40 x 20
71-014-45 45 x 20
71-014-50 50 x 20
71-014-55 55 x 20
71-014-60 60 x 20



Blunt Blades, For Taking
mm
71-015-50 50 x 25
71-015-60 60 x 25



mm
71-016-35 35 x 52
71-016-40 40 x 52
71-016-45 45 x 52
71-016-50 50 x 52
71-016-55 55 x 52
71-016-60 60 x 52
71-016-65 65 x 52
71-016-70 70 x 52



mm
71-017-35 35 x 37
71-017-40 40 x 37
71-017-45 45 x 37
71-017-50 50 x 37
71-017-55 55 x 37
71-017-60 60 x 37
71-017-65 65 x 37
71-017-70 70 x 37



mm
71-018-35 35 x 22
71-018-40 40 x 22
71-018-45 45 x 22
71-018-50 50 x 22
71-018-55 55 x 22
71-018-60 60 x 22
71-018-65 65 x 22
71-018-70 70 x 22



mm
71-019-50 50

Hook



mm
71-020-70 70



Retractor Only
71-023-01
15 cm/6"

Caspar
71-021-00

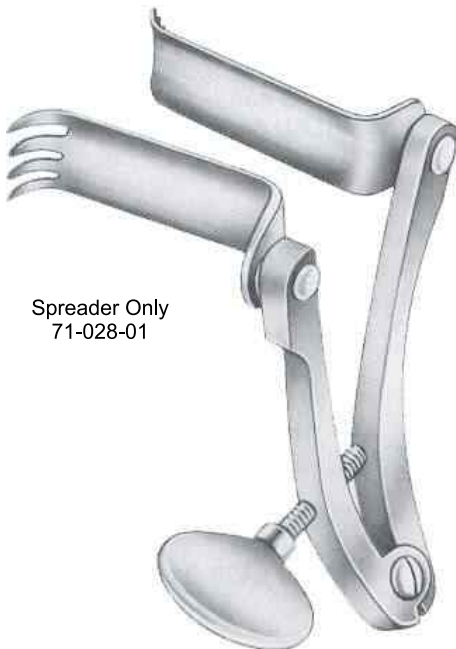
Retractor Complete With
1 Blade Each
71-022-40
71-022-50



Retractor Only
71-027-01
12 cm/4¾"

Caspar
71-024-00

Retractor Complete With
1 Blade Each
71-025-40
71-026-40



Spreader Only
71-028-01

Caspar

71-028-00
Retractors Only
Spreader Complete With
1 Blade Each
71-028-45
71-028-60



Spreader Only
71-029-01

Caspar

71-029-00
Spreader Only
Retractor Complete With
1 Blade Each
71-029-40
71-029-60

71-030-01
15 cm/6"
Retractor only

Caspar
71-030-00
71-030-45
71-030-65
Retractor complete with
1 blade each



71-031-01
15 cm/6"
Retractor only

Caspar
71-031-00
71-031-45
71-031-65
Retractor adjustable, con
1 blade each



71-032-01
Retractor only
with 1 fixed blade

Caspar
71-032-00
Retractor complete,
eith 5 blades

71-032-40
40 mm



71-032-45
45 mm



71-032-50
50 mm



71-032-55
55 mm



71-11018-60
60 mm





71-033-01
Retractor only

Cloward
71-033-00
25 cm/10"
complete with 5 blades



71-033-40
15x40 mm



71-033-45
15x45 mm



71-033-50
15x50 mm



71-033-55
15x55 mm



71-033-60
15x60 mm



71-034-01
Retractor only

Cloward
71-034-00
15 cm/6"
complete with 5 blades



71-034-40
15x40 mm



71-034-45
15x45 mm



71-034-50
15x50 mm



71-034-55
15x55 mm



71-034-60
15x60 mm



Inge
71-035-16
16 cm/6 1/4"



Inge
71-035-25
27 cm/10 3/4"



Cloward
71-035-15
15 cm/6"



Cloward
71-035-16
16 cm/6 1/4"

Muscle blades



Frame
71-036-01

Hey
71-037-00
71-038-00
23 cm/9"



71-039-50
20x50 mm



71-040-60
20x60 mm



71-041-70
20x70 mm

Vertebra-pins



71-042-50
50 mm



71-043-60
60 mm



71-044-70
70 mm



Left-type

Right-type

50x10 mm

71-045-01

71-046-01

60x10 mm

71-047-02

71-048-02

70x10 mm

71-049-03

71-050-03

50x20 mm

71-051-01

71-052-01

60x20 mm

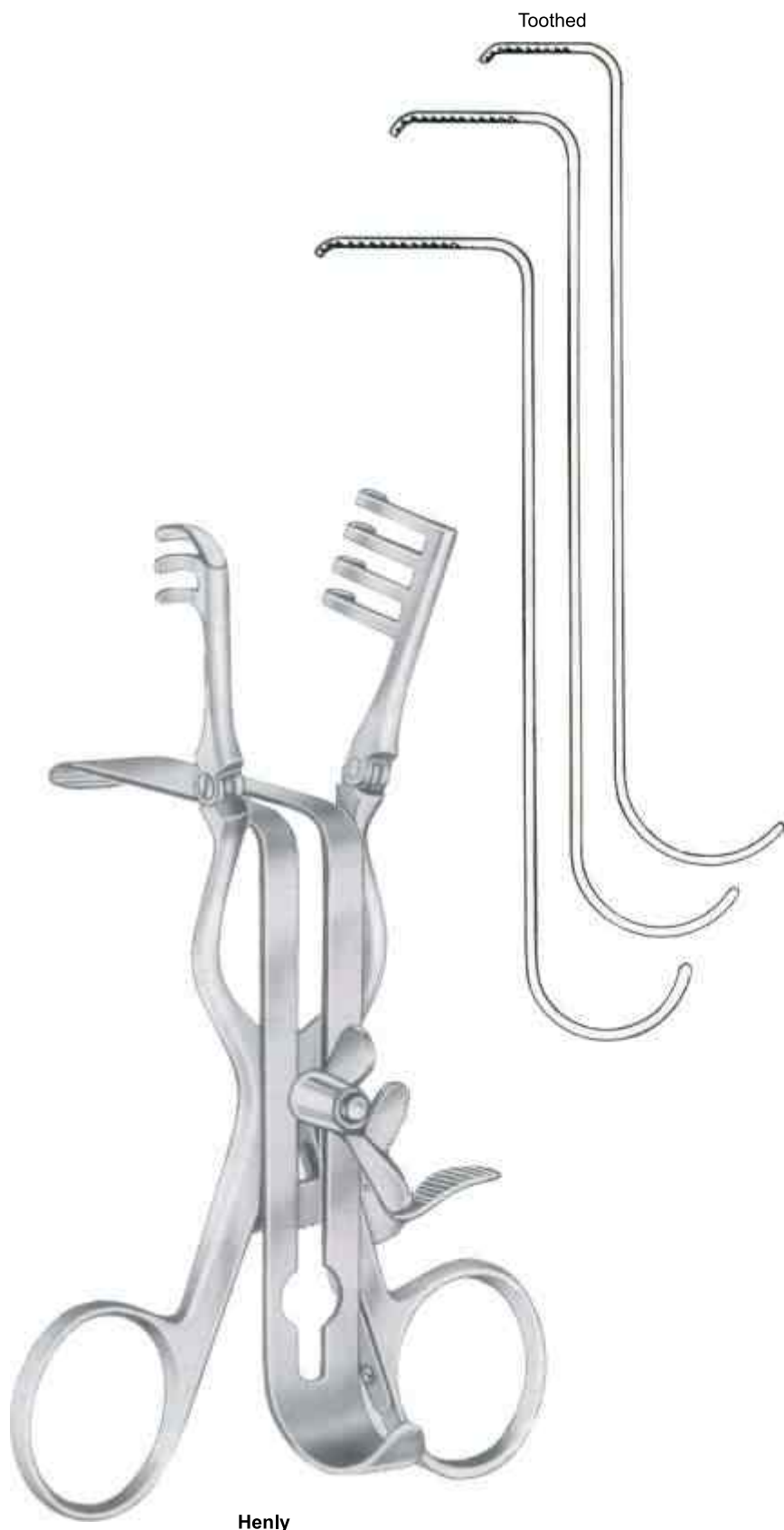
71-053-02

71-054-02

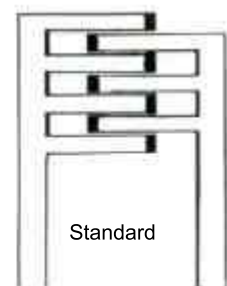
70x20 mm

71-055-03

71-056-03



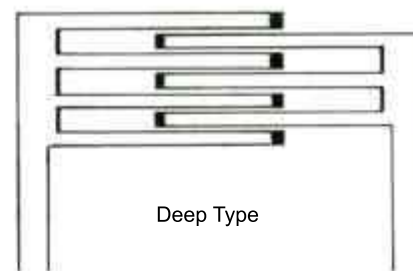
Henly



Standard

71-057-00	Complete	71-058-00
14.5 cm/5¾"	Consisting of	17 cm/6¾"

71-059-01	Frame	71-060-01
71-059-21	Centre Blades	71-060-21
71-059-22		71-060-22
71-059-23		71-060-23



Deep Type

71-11064-00	Complete	71-11066-00
14.5 cm/5¾"	Consisting of	17 cm/6¾"

71-11060-01	Centre Blades	71-11060-01
71-11060-21		71-11060-21
71-11060-22		71-11060-22
71-11060-23		71-11060-23



Davis
71-061-24
24.5 cm/9 3/4"



Toennis
71-062-25
25 cm/10"



Frazier
71-063-15

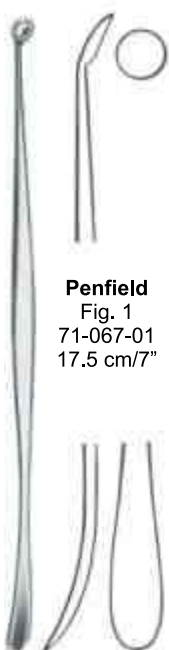
Hoen
71-064-15

Hoen
71-065-15

15 cm/6"



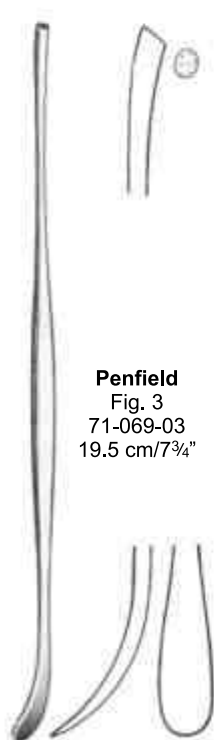
Love-Adson
71-066-16
16 cm/6 1/2"



Penfield
Fig. 1
71-067-01
17.5 cm/7"



Penfield
Fig. 2
71-068-02
19.5 cm/7 3/4"



Penfield
Fig. 3
71-069-03
19.5 cm/7 3/4"



Penfield
Fig. 4
71-070-04
21.5 cm/8 1/2"



Penfield
Fig. 5
71-071-05
29 cm/11 1/2"



Sachs
71-072-21
21 cm/8¼"



Sharp

Blunt

71-073-22
22 cm/8¼"



Woodsen
71-074-25
25 cm/10"



Frager
71-075-20
20 cm/8"



Frager
71-076-20
20 cm/8"



Sachs
71-077-21
21 cm/8¼"



Milligan
71-078-21 21 cm/8¼"



Olivecrona
71-079-18 18 cm/7"
71-080-24 24 cm/9½"



Olivecrona
71-081-19 19.5 cm/7¾"
71-081-24 24 cm/9½"



Horsley
71-082-20 20 cm/8"



Sachs
71-083-21 21 cm/8¼"



Cushing
17 cm/6¾"
20 cm/8"
28 cm/11"

71-084-17
71-084-20
71-084-28



Olivecrone
18 cm/7"
Width of Spatulas

	Upper end	Lower end	
Concave	mm	mm	Convex
71-085-01	7	9	71-086-01
71-085-02	11	13	71-086-02
71-085-03	15	18	71-086-03
71-085-04	18	22	71-086-04



Width of Spatulas		
Upper end		Lower end
mm		mm
7	71-087-08	8
10	71-087-11	11
13	71-087-13	14
16	71-087-17	17
19	71-087-20	20
22	71-087-25	22

Heifetz
20 cm/8"



Width of Spatulas

	mm
71-088-08	8
71-088-11	11
71-088-13	14
71-088-17	17

Length of Spatulas

Heifetz
15.5 cm/6"



18 cm/7"

Width of spatulas

Upper end	Lower end	
mm	mm	
7	9	71-089-09
11	13	71-089-13
15	18	71-089-18
18	22	71-089-22



20 cm/8"
12 mm 71-090-12
17 mm 71-090-17



20 cm/8"
14 mm 71-091-14
17 mm 71-091-17
20 mm 71-091-20



71-092-01
19cm/7½"

6 mm

6 mm

Love
71-093-02
19 cm/7½"



71-094-03



Love
71-095-21
21 cm/8¼"

Length of spatulas



70 mm
3 mm 71-096-03

100 mm
71-097-03



5 mm 71-098-05

71-099-05



7 mm 71-100-07

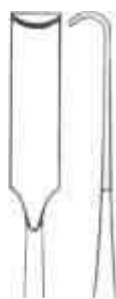
71-101-07



Love



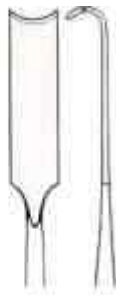
Scoville
23 cm/9"



7 mm 71-102-07
9 mm 71-103-09



Holsher
7mm 71-104-07
9mm 71-104-09
24 cm/9½"



8 mm 71-105-08
13 mm 71-105-13



Taylor
30x 70 mm 71-106-07 17 cm/6 3/4"
30x100 mm 71-106-10 17 cm/6 3/4"



Oldberg
21 cm/8 1/4"



71-107-01



71-107-02



71-107-03



71-107-04



Cushing
71-108-19 19 cm/7 3/4"
71-108-28 28 cm/11"



Smithwick
71-109-17 17 cm/6 1/2"
71-109-21 21 cm/8 1/4"



Cushnig
71-110-14 14 cm/5 1/2"



Adson
20 cm/8"



71-111-01



71-111-02





Graham
71-120-16
16.5 cm/6½"



Toennis
71-121-15
15 cm/6"



Frazier
71-122-13 13 cm/5"
71-122-18 18 cm/7"



Toennis
71-123-13 13 cm/5"
71-123-18 18 cm/7"



Olivecrona
71-124-23
23 cm/9"



Olivecrona
71-125-20
20.5 cm/8"



Ferris-Smith-Kerrison

		Width of Bite	Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		0.6 mm			71-128-00
		1 mm			71-128-01
		2 mm			71-128-02
		3 mm	71-126-03	71-127-03	71-128-03
		4 mm			71-128-04
		5 mm	71-126-05	71-127-05	71-128-05
Cutting Upward 40°		0.6 mm			71-131-00
		1 mm			71-131-01
		2 mm			71-131-02
		3 mm	71-129-03	71-130-03	71-131-03
		4 mm			71-131-04
		5 mm	71-129-05	71-130-05	71-131-05
Cutting Downwards		0.6 mm			71-134-00
		1 mm			71-134-01
		2 mm			71-134-02
		3 mm	71-132-03	71-133-03	71-134-03
		4 mm			71-134-04
		5 mm	71-132-05	71-133-05	71-134-05



Ferris-Smith-Kerrison

		Width of Bite		Length of Shaft		
Cutting Upward			15 cm/6"	20 cm/8"	18 cm/7"	
		3 mm 5 mm	71-135-03 71-135-05	71-136-03 71-136-05	71-137-03 71-137-05	
Cutting Upward 40°						
		3 mm 5 mm	71-138-03 71-138-05	71-139-03 71-139-05		
Cutting Downward						
		3 mm 5 mm	71-140-03 71-140-05	71-141-03 71-141-05	71-142-03 71-142-05	



		Width of Bite		Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"	
Cutting Upward		2 mm				71-145-02
		3 mm	71-143-03	71-144-03		71-145-03
		4 mm	71-143-04	71-144-04		71-145-04
		5 mm	71-143-05	71-144-05		71-145-05
		6 mm				71-145-06
Cutting Upward 40°		2 mm				71-146-02
		3 mm				71-146-03
		4 mm				71-146-04
		5 mm				71-146-05
		6 mm				71-146-06
Cutting Downward		2 mm				71-149-02
		3 mm	71-147-03	71-148-03		71-149-03
		4 mm	71-147-04	71-148-04		71-149-04
		5 mm	71-147-05	71-148-05		71-149-05
		6 mm				71-149-06
Cutting Upward 40°		2 mm				71-150-02
		3 mm				71-150-03
		4 mm				71-150-04
		5 mm				71-150-05
		6 mm				71-150-06



Colclough

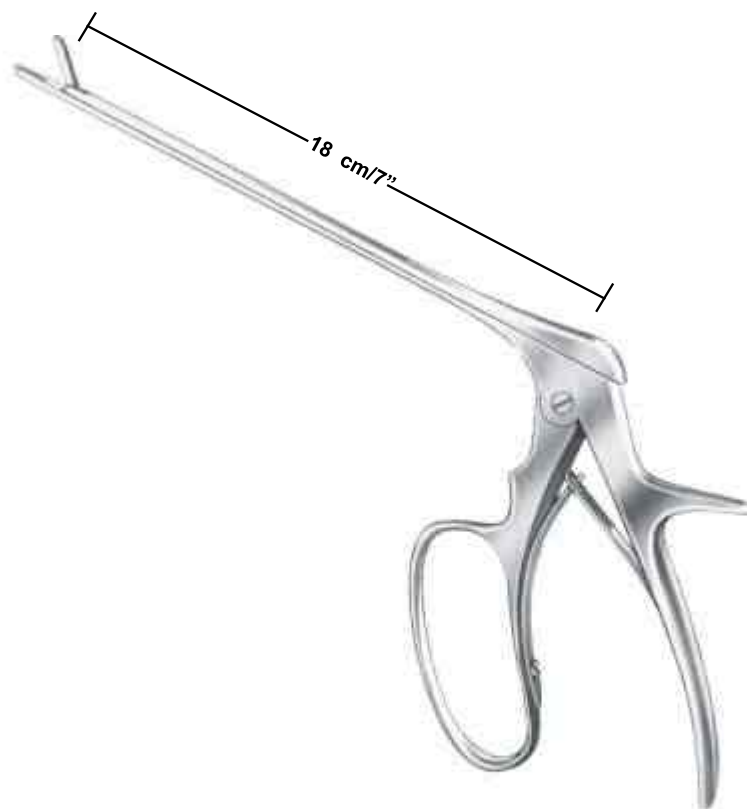
		Width of Bite	Length of Shaft		
			15 cm/6"	20 cm/8"	
Cutting Upward		3 mm 5 mm	71-151-03 71-151-05	71-152-03 71-152-05	
Cutting Upward 40°		3 mm 5 mm	71-153-03 71-153-05	71-154-03 71-154-05	
Cutting Downward		3 mm 5 mm	71-155-03 71-155-05	71-156-03 71-156-05	



	Length Of Shaft			
Cushing 2 x 10 cm	5"/13 cm	71-157-01	71-166-02	71-174-03
	6"/15 cm	71-158-01	71-167-02	71-175-03
	7"/18 cm	71-159-01	71-168-02	71-176-03
Love-Grunwald 3 x 10 cm	5"/13 cm	71-160-01	71-169-02	71-177-03
	6"/15 cm	71-161-01	71-170-02	71-178-03
	7"/18 cm	71-162-01	71-171-02	71-179-03
Spurling 4 x 10 cm	5"/13 cm	71-163-01	71-172-02	71-180-03
	6"/15 cm	71-164-01	71-173-02	71-181-03
	7"/18 cm	71-165-01	71-173-02	71-182-03



	Length Of Shaft			
Cushing 2 x 10 cm	5"/13 cm	71-183-01	71-192-02	71-201-03
	6"/15 cm	71-184-01	71-193-02	71-202-03
	7"/18 cm	71-185-01	71-194-02	71-203-03
Love-Grunwald 3 x 10 cm	5"/13 cm	71-186-01	71-195-02	71-204-03
	6"/15 cm	71-187-01	71-196-02	71-205-03
	7"/18 cm	71-188-01	71-197-02	71-206-03
Spurling 4 x 10 cm	5"/13 cm	71-189-01	71-198-02	71-207-03
	6"/15 cm	71-190-01	71-199-02	71-208-03
	7"/18 cm	71-191-01	71-200-02	71-209-03



Ferris-Smith

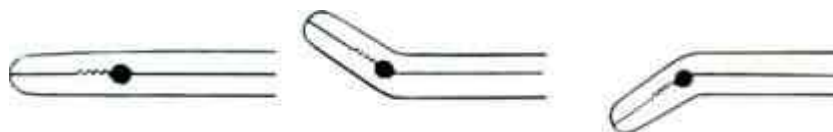
Width Of Jaw



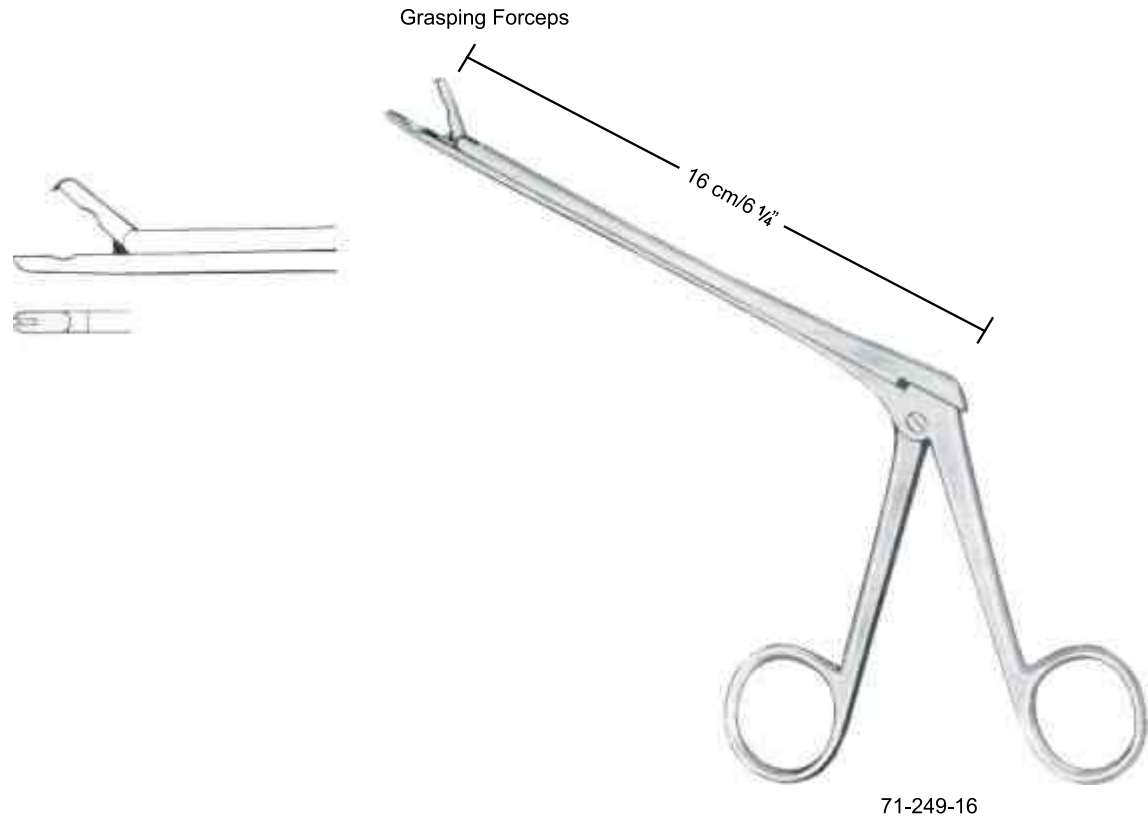
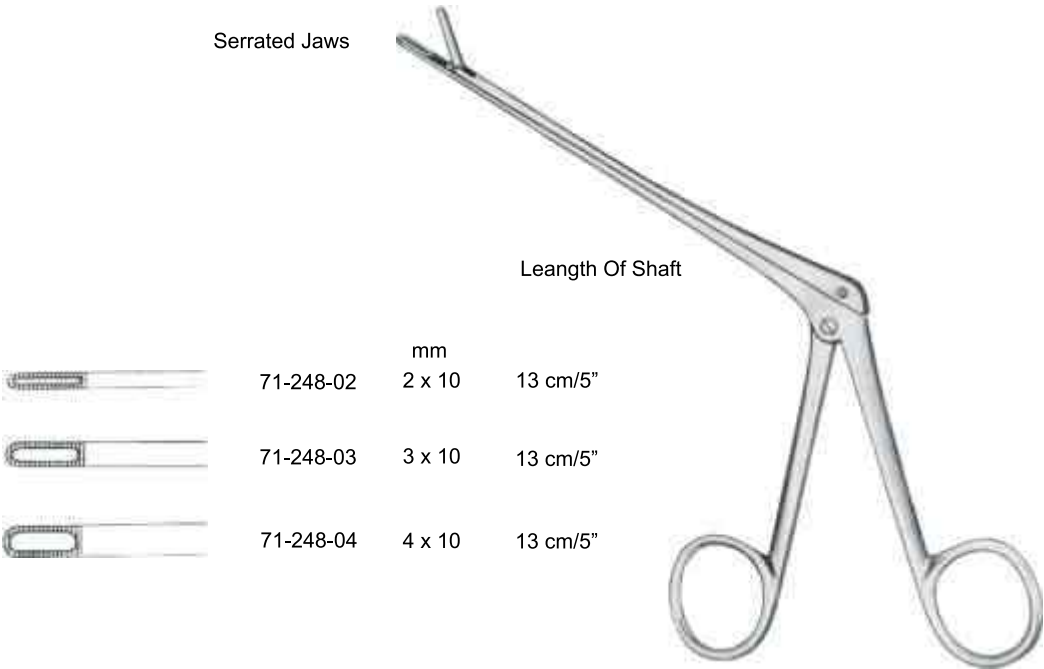
2 x 10 mm	71-210-01	71-213-02	71-216-03
3 x 10 mm	71-211-01	71-214-02	71-217-03
4 x 10 mm	71-212-01	71-215-02	71-218-03

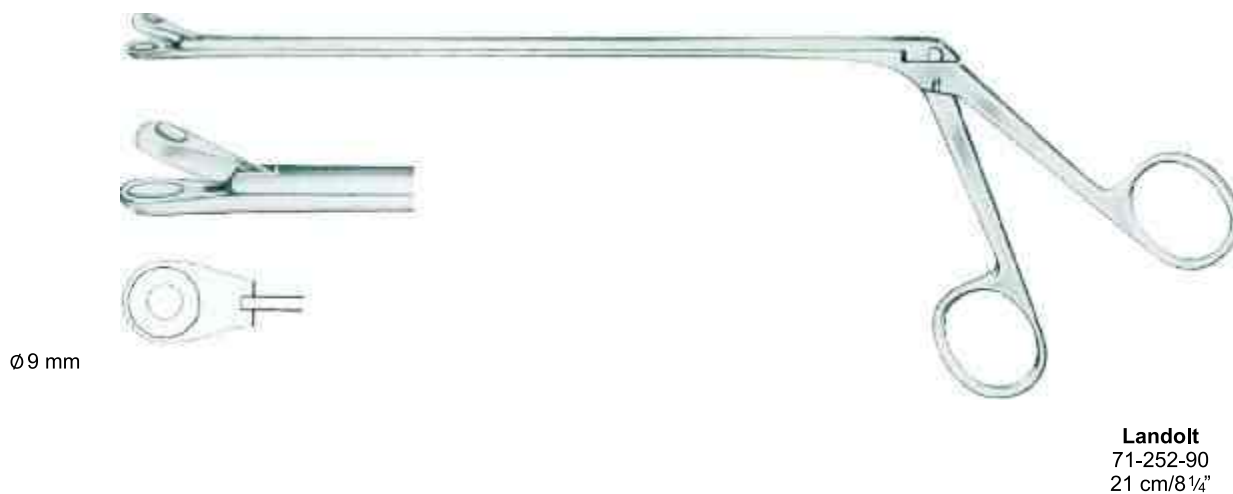
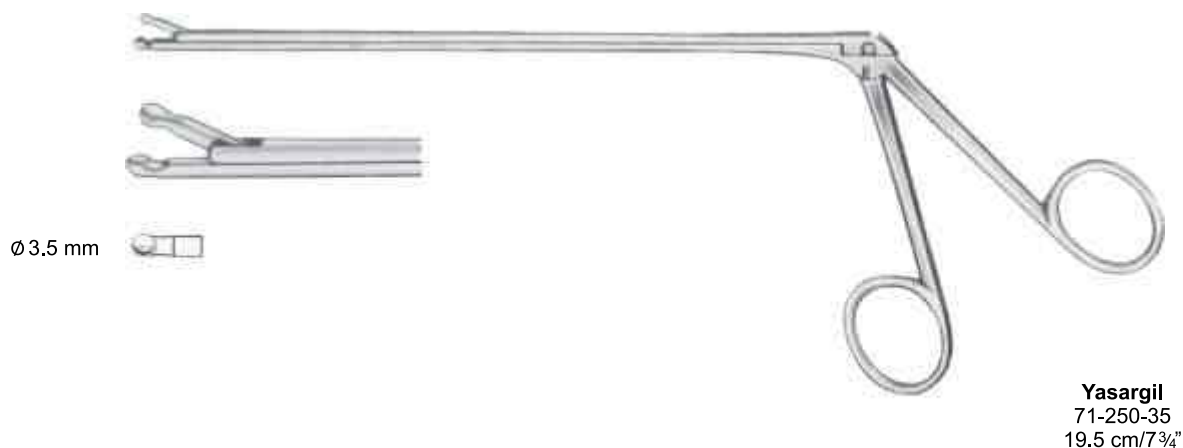


Serrated and Fenestrated Jaws

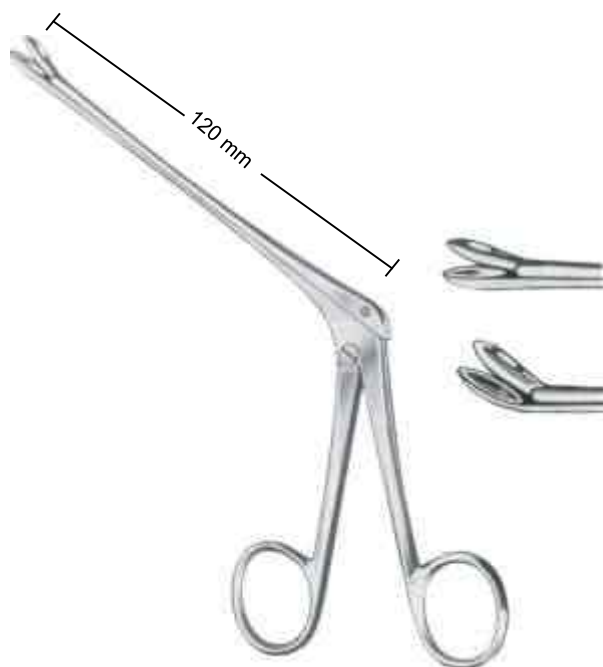


Width Of Jaw	Length Of Shaft			
mm	14 cm/5 1/2"	71-219-01	71-229-02	71-238-03
2 x 12	16 cm/6 1/4"	71-220-01	71-230-02	71-239-03
	14 cm/5 1/2"	71-221-01	71-231-02	71-240-03
3 x 12	16 cm/6 1/4"	71-222-01	71-232-02	71-241-03
	14 cm/5 1/2"	71-223-01	71-232-02	71-242-03
4 x 14	16 cm/6 1/4"	71-224-01	71-233-02	71-243-03
	14 cm/5 1/2"	71-225-01	71-234-02	71-244-03
5 x 14	16 cm/6 1/4"	71-226-01	71-235-02	71-245-03
	14 cm/5 1/2"	71-227-01	71-236-02	71-246-03
6 x 16	16 cm/6 1/4"	71-228-01	71-237-02	71-247-03





Tumor Grasping Forceps Blunt



Weil-Blakesley



71-253-01



71-253-02



71-253-03



71-253-04



71-253-05



71-254-01



71-254-02



71-254-03



71-254-04



71-254-05



71-255-01



71-255-02



71-255-03



71-255-04



71-255-05



71-256-01



71-256-02



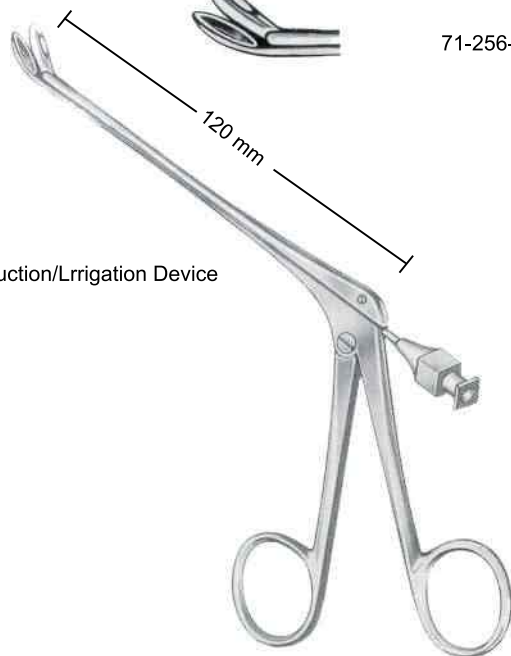
71-256-03



71-256-04



71-256-05



With Suction/Irrigation Device

Weil-Blakesley