



NEURO-SURGICAL INSTRUMENTS LAMINECTOMY RONGEURS

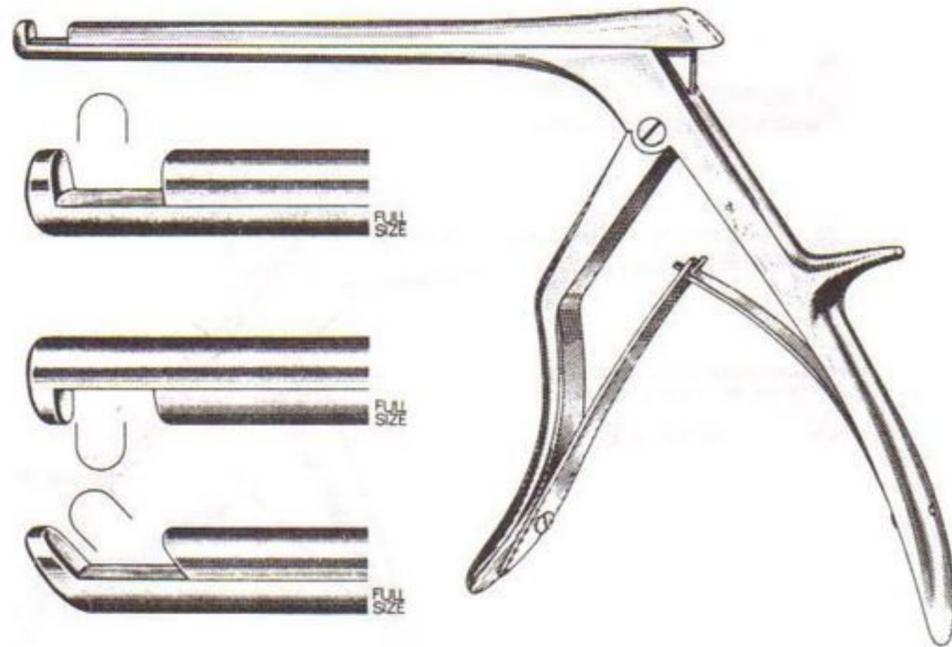
SCHLESINGER CERVICAL RONGEURS, THIN TIPS, 6" SHAFT

Up-Bite

720-005 3mm
720-007 5mm

Down-Bite

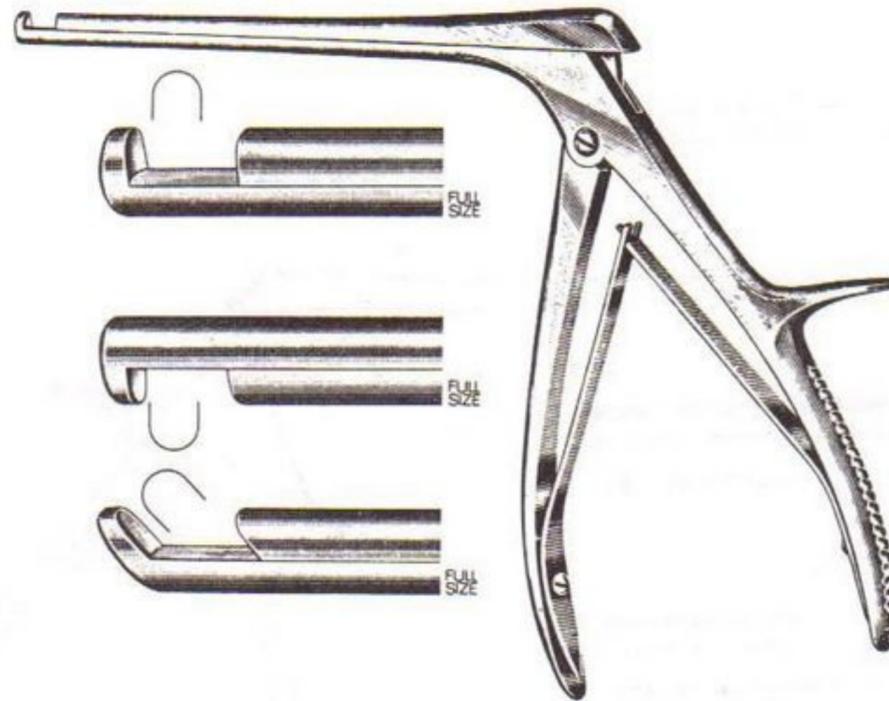
720-009 3mm
720-010 5mm



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SPURLING-KERRISON CERVICAL RONGEURS

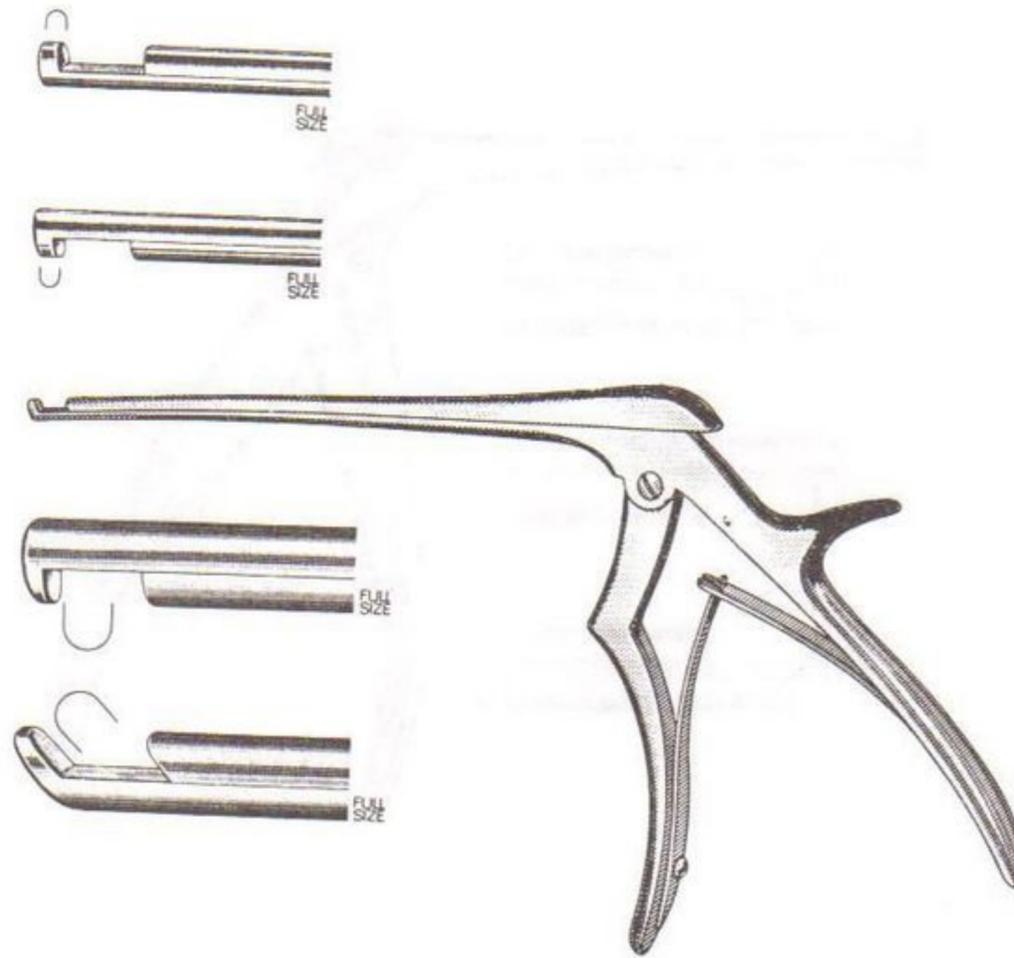
Up-Bite		Down-Bite		40° Forward Angle Up-Bite	
6" Shaft		6" Shaft		6" Shaft	
720-018	3mm	720-021	3mm	720-023	3mm
720-020	5mm	720-022	5mm	720-024	5mm
8" Shaft		8" Shaft		8" Shaft	
720-025	3mm	720-028	3mm	720-030	3mm
720-026	5mm	720-029	5mm	720-032	5mm



NEURO-SURGICAL INSTRUMENTS LAMINECTOMY RONGEURS

LOVE-KERRISON CERVICAL RONGEURS

Up-Bite	Down-Bite	40° Forward Angle Up-Bite
6" Shaft	6" Shaft	6" Shaft
720-033 3mm	720-035 3mm	720-037 3mm
720-034 5mm	720-036 5mm	720-038 5mm
7" Shaft		
720-039 3mm		
720-040 5mm		



NEURO-SURGICAL INSTRUMENTS LAMINECTOMY RONGEURS

CROWN-KERRISON CERVICAL RONGEURS 7" SHAFT, IMPROVED HANDLE

Up-Bite		Down-Bite		40° Forward Angle Up-Bite	
720-043	2mm	720-046	2mm	720-049	2mm
720-044	3mm	720-047	3mm	720-050	3mm
720-045	4mm	720-048	4mm	720-051	4mm



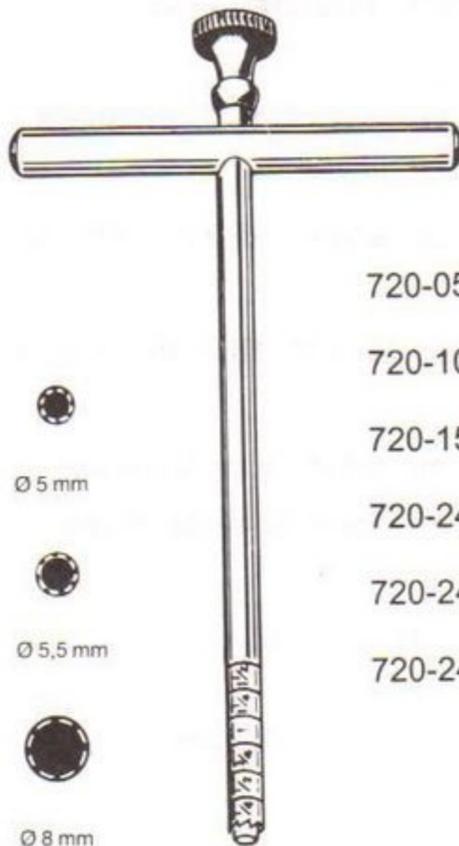
720-052



720-102



720-151



NEUROLOGICAL INSTRUMENTS

720-240



Ø 5 mm

720-242



Ø 5.5 mm

720-244



Ø 8 mm

720-052 BAILEY-GIGLI Saw Guide, 12" (30.5 cm), flexible

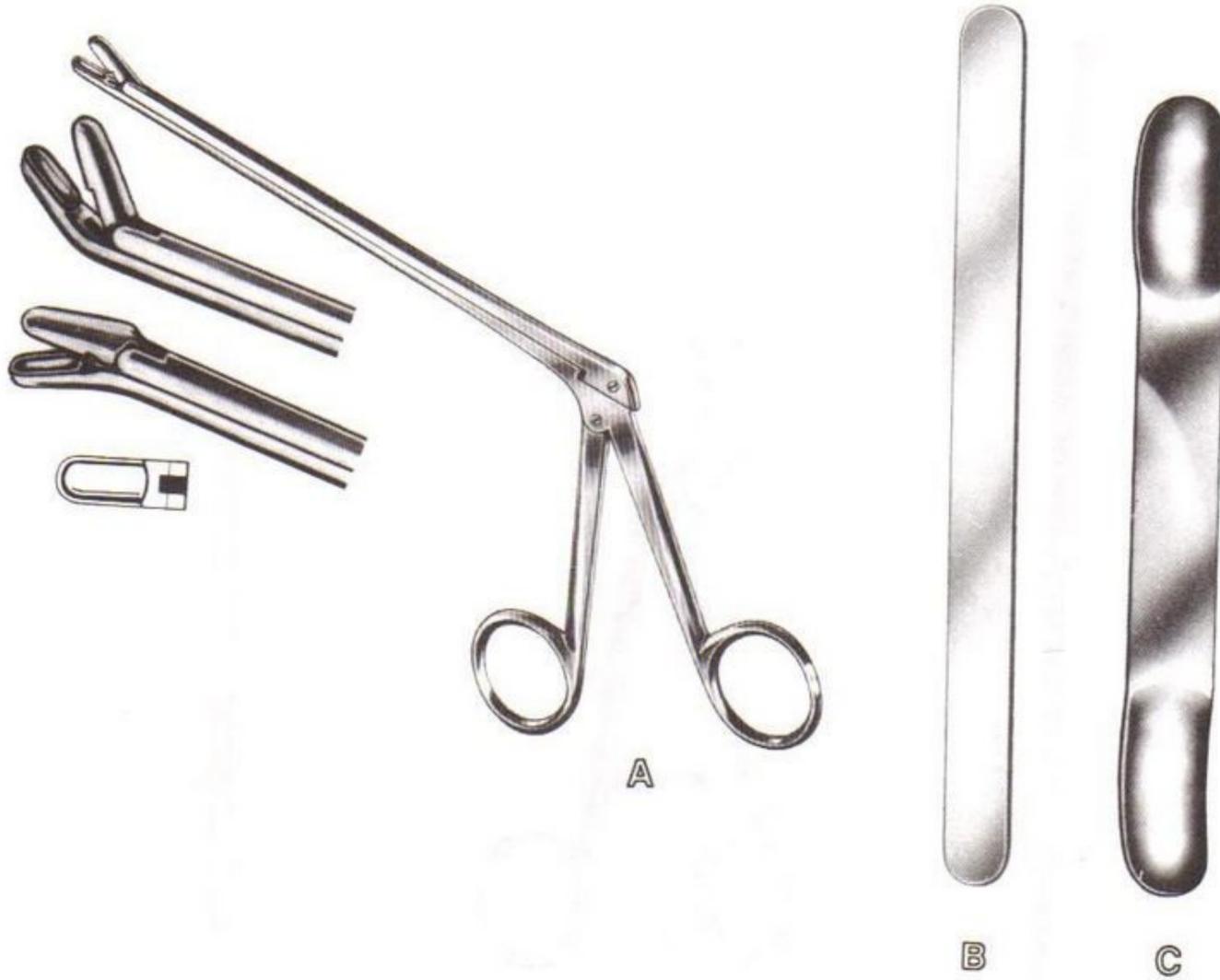
720-102 ADSON Drill Guide and Dura Protector

720-151 DAVIS Guide for Gigli saws, 8" (20.3 cm)

720-240 MICHELE Trephine, 6-1/4" (15.9 cm) shaft, 3/16" (.47 cm) O.D. graduated 1/4" (.64 cm) To 1-1/4" (3.2 cm)

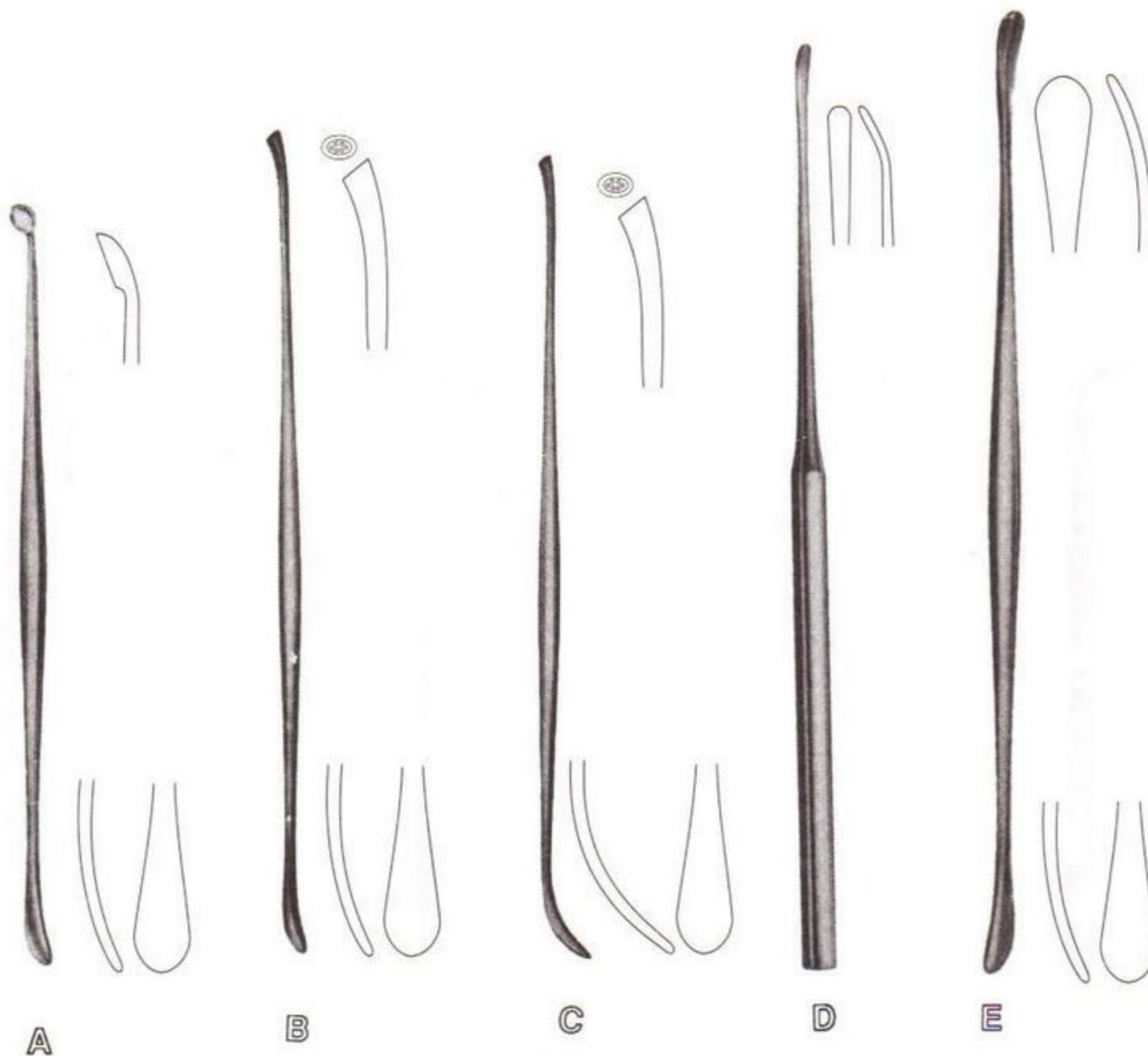
720-242 MICHELE Trephine, 6-1/4" (15.9 cm) shaft, 7/32" (.56 cm) O.D. graduated 1/4" (.64 cm) To 1-1/4" (3.2 cm)

720-244 MICHELE Trephine, 6-1/4" (15.9 cm) shaft, 5/16" (.79 cm) O.D. graduated 1/4" (.64 cm) To 1-1/4" (3.2 cm)



NEUROSURGICAL INSTRUMENTS

- A** 720-160 Cloward Pituitary Rongeur, 6x10 mm Cup Jaws 6" (15.2 cm) Shanks, Straight
- 720-162 Cloward Pituitary Rongeur, 6x10 mm Cup Jaws 6" (15.2 cm) Shanks, Up-Angle
- 720-164 Cloward Pituitary Rongeur, 6x10 mm Cup Jaws 6" (15.2 cm) Shanks, Down-Angle
- B** 720-166 Davis Spatula 7" (17.8 cm) x 1/2" (1.3 cm) Nickel Silver, Malleable
- 720-168 Davis Spatula 7" (17.8 cm) x 3/4" (1.9 cm) Nickel Silver, Malleable
- C** 720-170 Cushing Spatula Spoon 6 3/4" (17.1 cm), Spoon Ends 1/2" (1.3 cm) and 3/4" (1.7 cm) Wide
- 720-172 Cushing Spatula Spoon 7 3/4" (19.7 cm), Spoon Ends 3/4" (1.9 cm) and 1" (2.5 cm) Wide



NEUROSURGICAL INSTRUMENTS

- A** 720-700 Penfield Dissector 7 ¼" (18.4 cm), Double End, 6mm Sharp Cup and 6 mm Blunt Dissector
- B** 720-705 Penfield Dissector 7 ¾" (19.7 cm), Double End, Wax Packer and 6 mm Blunt Dissector, Slightly Curved
- C** 720-710 Penfield Dissector 7 ½" (19.1 cm) Double End, Wax Packer and 6mm Blunt Dissector, Fully Curved
- D** 720-715 Penfield Dissector, 8 ¾" (22.2 cm) Single End, Light Pattern 3mm Blunt Dissector, Slightly Curved
- E** 720-720 Penfield Dissector, 11 ½" (29.2 cm), Double End, Slightly Curved Blunt Dissector Blades 7mm and 8 mm wide



A



B



C



D



1/4



1/2

E



F

NEUROLOGICAL INSTRUMENTS

- A 720-458 Frazier Dura Separator, 6"
- B 720-508 Sachs Nerve Separator and Spatula, 8-1/4"
- C 720-557 Adson Dura Hook, Sharp, 8"
- D 720-565 Adson Dura Hook, Blunt, 8"
- E 720-607 Graham Dura Hook, Blunt, 6-3/4"
- F 720-656 Sachs Dura Hook, Blunt, 7-1/2"

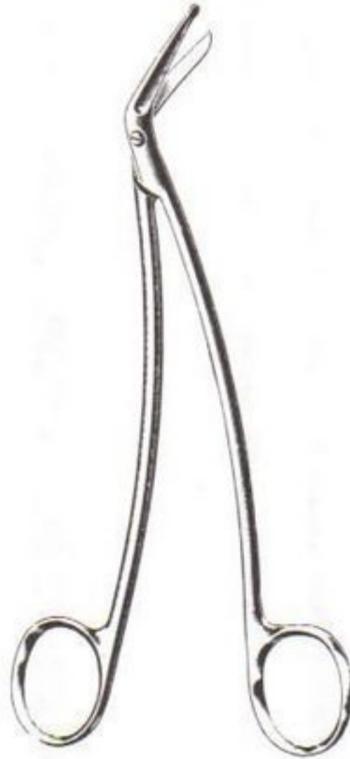


NEUROLOGICAL INSTRUMENTS

- A 720-805 Adson Aneurysm Needle, 9"
- B 720-854 Dandy Nerve Hook, Angled, 9"
720-862 Dandy Nerve Hook, Straight, 9"
720-870 Dandy Nerve Hook, Angled Right, 9"
- C 720-904 Cushing Angular Hook, 7-1/2"
- D 720-953 Nerve Hook Plain, 7-1/2"
- E 721-001 Smithwick Nerve Hook and Dissector, 12"
- F 721-100 Crile Hook and Dissector, 12"



721-159



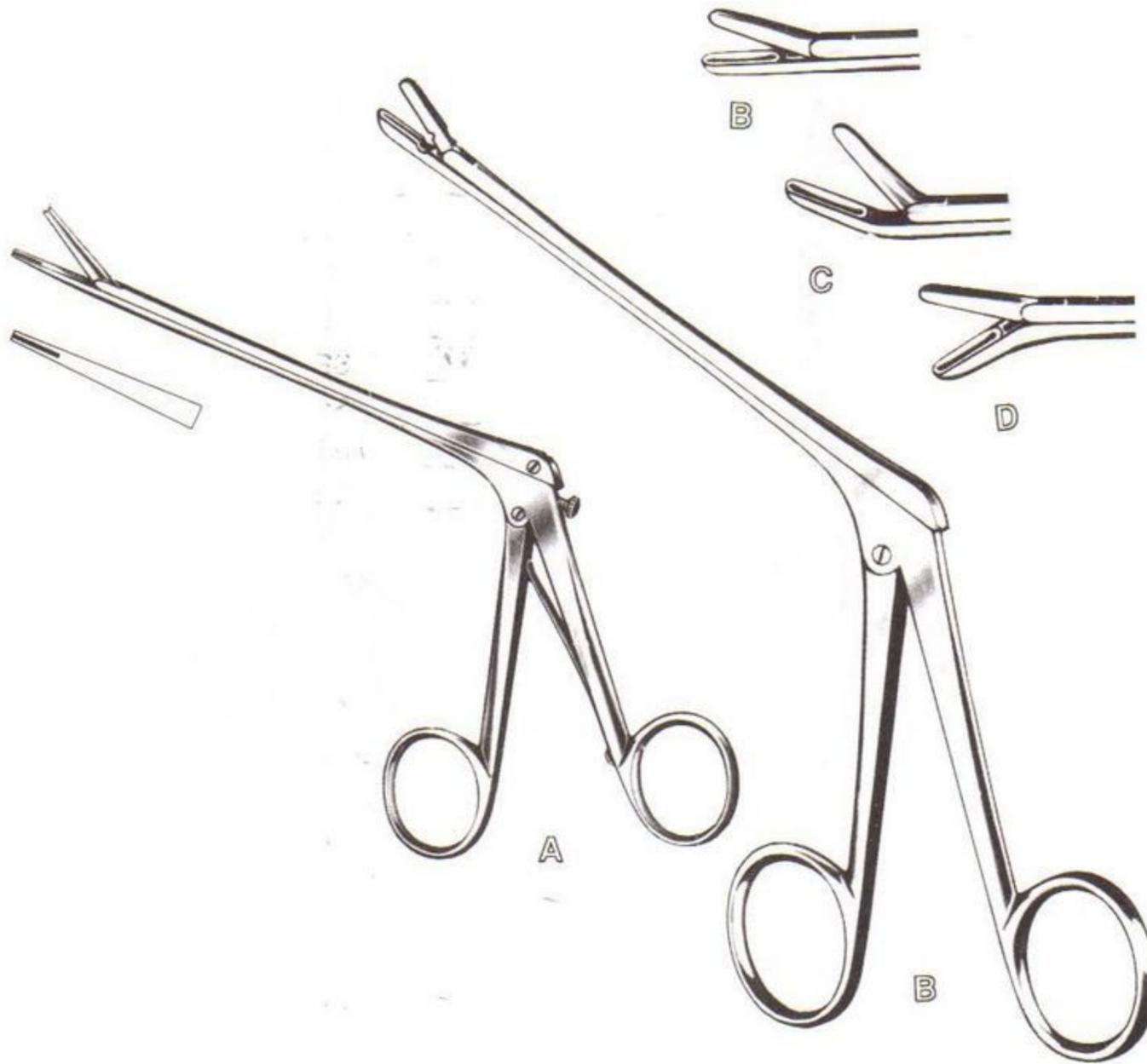
721-209



721-506
721-510

NEUROLOGICAL INSTRUMENTS

- 721-159 Strully Dissecting Scissors, Probe Tip, Curved, 8"
- 721-209 Frazier (Taylor) Scissors, Probe Tips, 6"
- 721-506 Dandy (Kolodney) Scalp Hemostats, 5-1/2"
- 721-510 Dandy (Kolodney) Scalp Hemostats, 1 x 2 Teeth, 5-1/2"



NEUROSURGICAL INSTRUMENTS

- | | | |
|---|---------|---|
| A | 722-360 | Scoville Clip Applying Forceps, 6" (15.2 cm), Shaft |
| B | 721-520 | Cushing Pituitary Rongeur, (2x10 mm) Cup Jaws, 7" (17.8 cm) Shank Straight |
| C | 721-525 | Cushing Pituitary Rongeur (2x10 mm) Cup Jaws, 7" (17.8 cm) Shank Curved Up |
| D | 721-530 | Cushing Pituitary Rongeur (2x10 mm) Cup Jaws, 7" (17.8 cm) Shank Curved Down |
| | 721-535 | Spurling Pituitary Rongeur (4x10 mm) Cup Jaws, 7" (17.8 cm) Shank Curved Down |



A



B

NEUROLOGICAL INSTRUMENTS

- A 722-005 McKenzie Clip Applying Forceps, Straight Handle, Curved Jaws, 6"
- B 722-007 McKenzie Clip Applying Forceps, Curved Handle, Straight Jaws, 6"



A



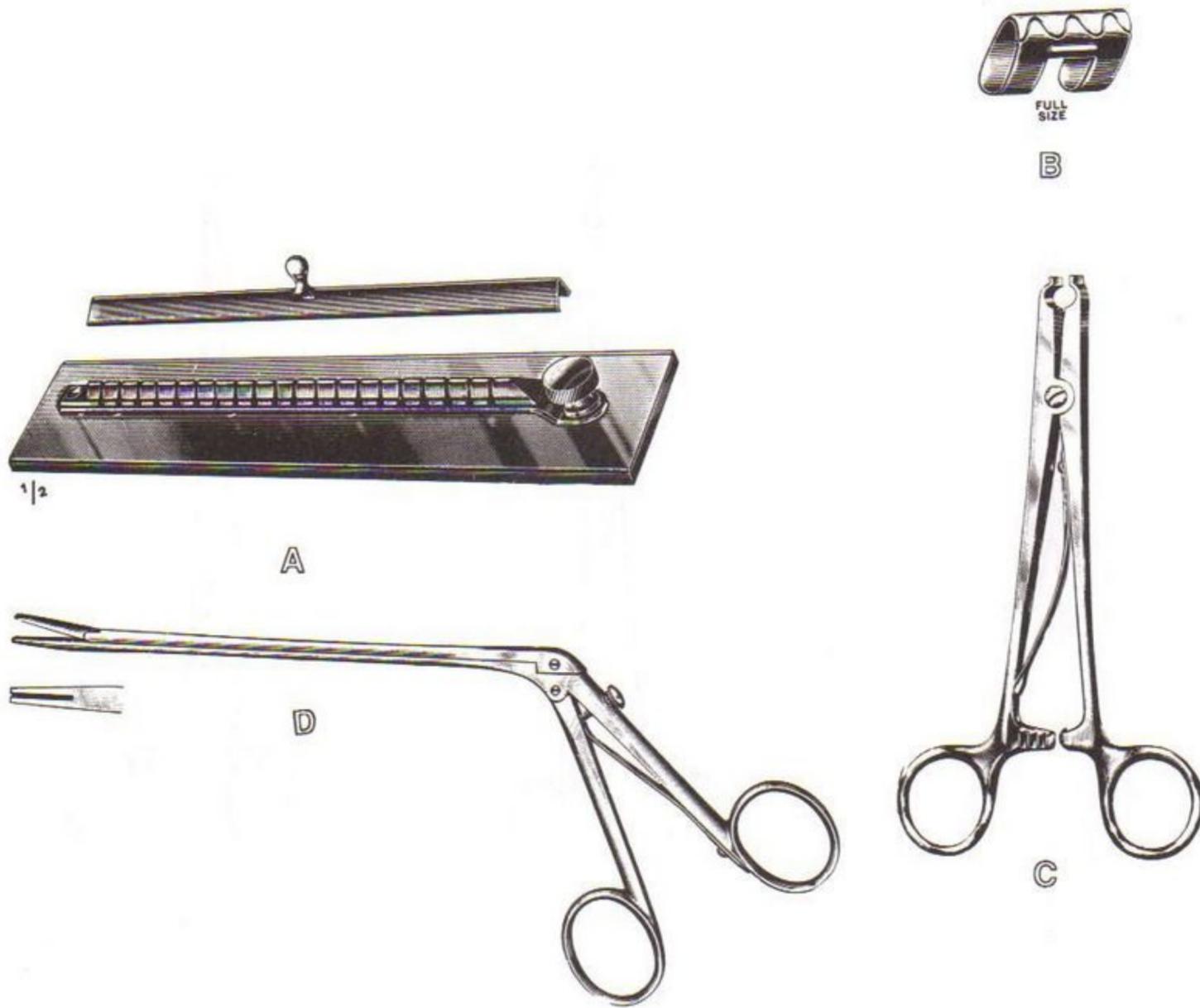
B



C

NEUROLOGICAL INSTRUMENTS

- | | | |
|---|---------|--|
| A | 722-009 | Smithwick Clip Applying Forceps 9", Curved Jaws
Straight Handles |
| B | 722-017 | Smithwick Clip Applying Forceps 10 1/2", Curved Jaws
Straight Handles |
| C | 722-157 | Sweet Clip Applying Forceps 10 1/2", Straight Jaws
Angled Shanks |



NEUROSURGICAL INSTRUMENTS

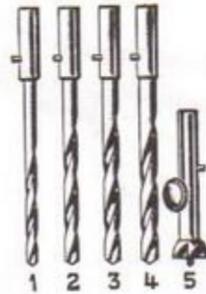
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|---|---------|---|
| A | 722-207 | McKenzie Clip Rack Chrome |
| B | 722-306 | Raney Scalp Clips, Nickel Plated, Vial of 12 |
| C | 722-355 | Raney Scalp Clip Forceps, 6 1/2" |
| D | 722-360 | Scoville Clip Applying Forceps, 6" (15.2cm) Shaft |



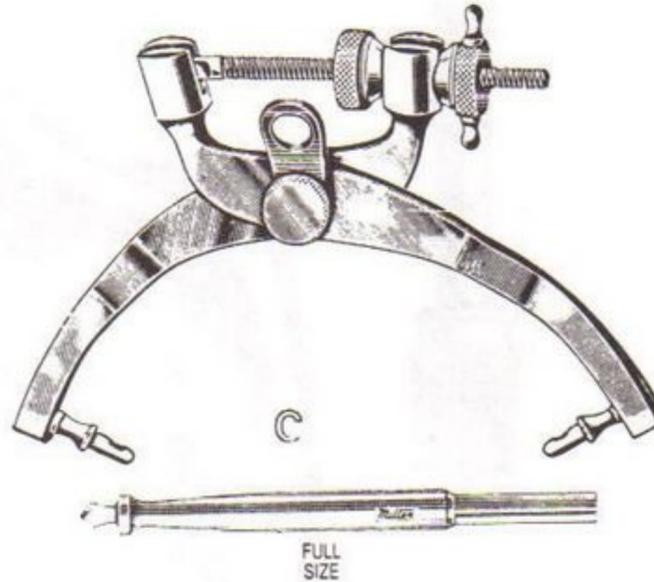
NEUROSURGICAL INSTRUMENTS



A



B



C

FULL
SIZE

- A** 722-400 Stille Pattern Drill Set, Complete with 4 Twist Drills, (2.5 to 4mm)
4 Burs (4-16mm and 1 Trephine 10mm), Chrome Plated Drill,
Stainless Points
- 722-405 Stille Pattern Drill 10" (25.4cm), Chrome Plated

REPLACEMENT POINTS for STILLE PATTERN DRILLS

Twist Drills

- B** 722-406 Fig. 1 = 2.5mm
722-408 Fig. 2 = 3mm
722-410 Fig. 3 = 3.5mm
722-412 Fig. 4 = 4mm
722-414 Fig. 5 = 10mm Trephine 10mm Dia.

Round Burs

- 722-416 Fig. 6 = 5mm
722-418 Fig. 7 = 8mm
722-420 Fig. 8 = 12mm
722-422 Fig. 9 = 16mm

- C** 722-424 Raney- Crutchfield Skull Traction Tong 120mm
Spread includes 2 Drill Points
Raney-Crutchfield Drill Points



NEUROSURGICAL INSTRUMENTS



- | | | |
|----------|--|--|
| A | 720-201
720-219
720-227
720-235 | Galt Cranial Trephine, 1/2" Diam.
Galt Cranial Trephine, 5/8" Diam.
Galt Cranial Trephine, 3/4" Diam.
Galt Cranial Trephine, 1" Diam. |
| B | 722-430 | Universal Hand Drill
Application: For Light-Duty Drilling Procedures
Fully canulated shaft, can be locked by button on top
With no strain on gearing, includes Jacobs Chuck |
| C | 722-432 | Jacobs Chuck Key, Stainless |
| D | 722-434 | Jacobs Chuck only, Stainless |
| E | 722-436 | Jacobs Chuck with Drill Handle, 4" Fully Canulated |
| F | 722-438 | Steinmann-Jacobs Drill Handle w/Three-Jaw Chuck
Locked by Rotable Sleeve |

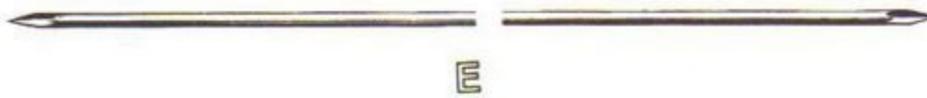
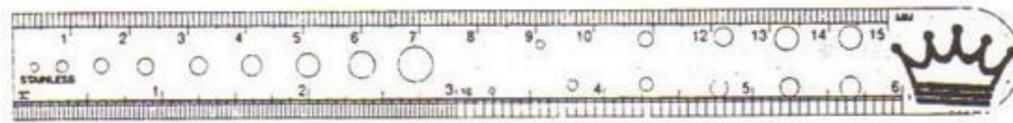
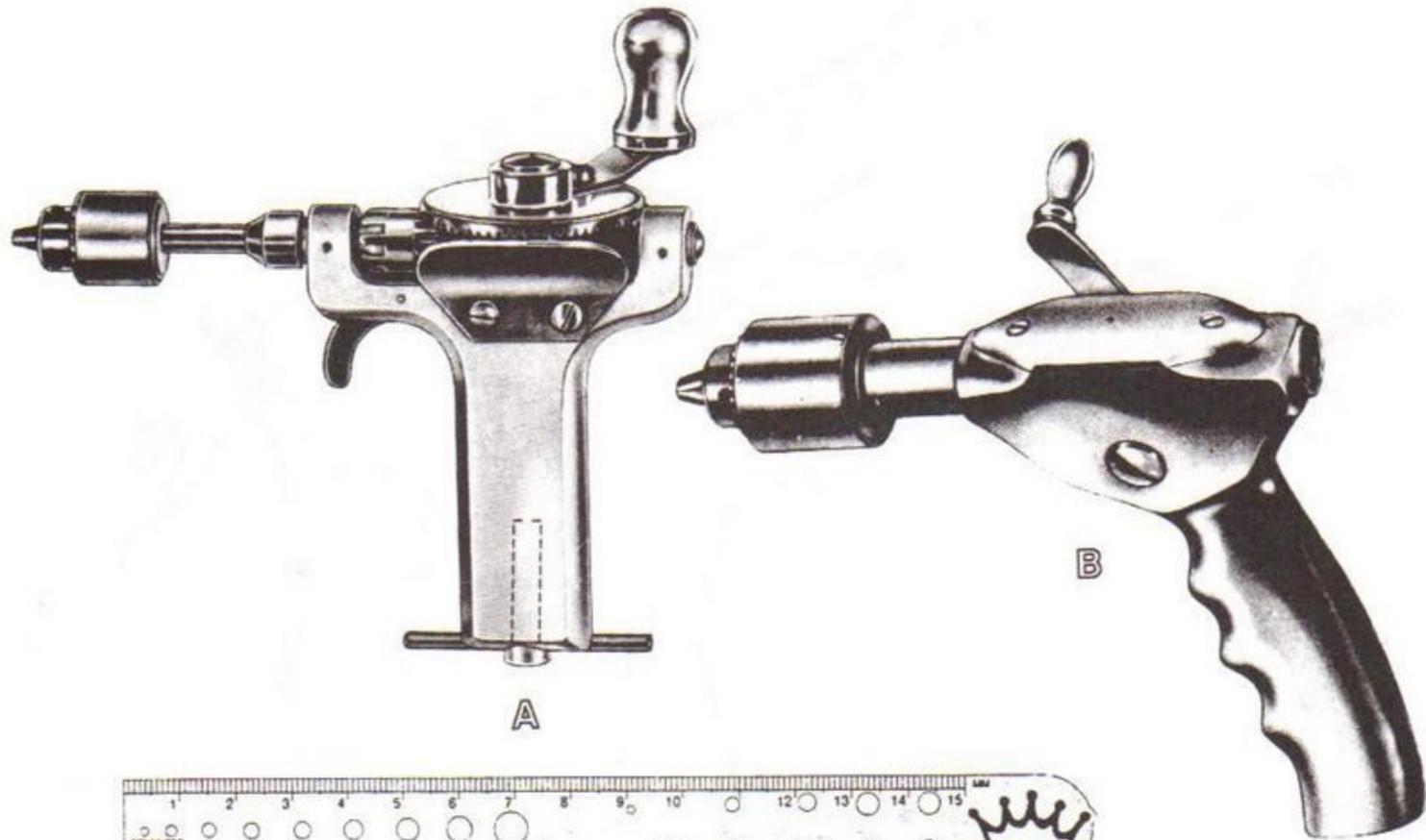


NEUROSURGICAL INSTRUMENTS

- A** 722-425 Oldberg Pituitary Rongeur 7" (17.8 cm) Shank, Round Cup Jaws 6mm Dia.
- B** 722-426 Ferris Smith Pituitary Cup Jaw Rongeurs, 7" (17.8 cm) Shank Straight, 3x10 mm Jaws *500*
- C** 722-427 Ferris Smith Pituitary Cup Jaw Rongeur, 7" (17.8 cm) Shank Curved up, 3x10 mm Jaws
- D** 722-428 Ferris Smith Pituitary Cup Jaw Rongeur, 7" (17.8 cm) Shank Curved Down, 3x10 mm Jaws



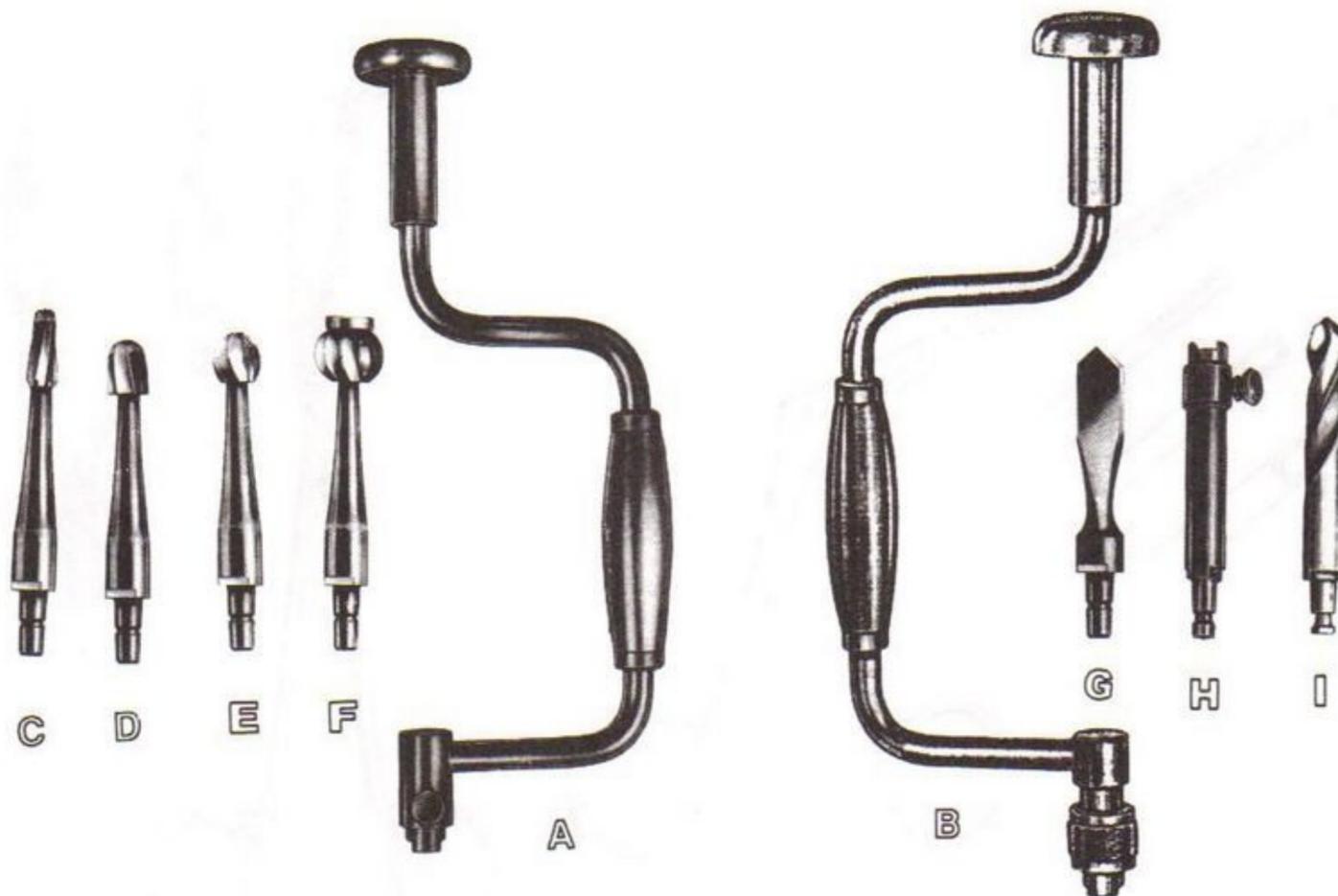
ORTHOPEDIC INSTRUMENTS



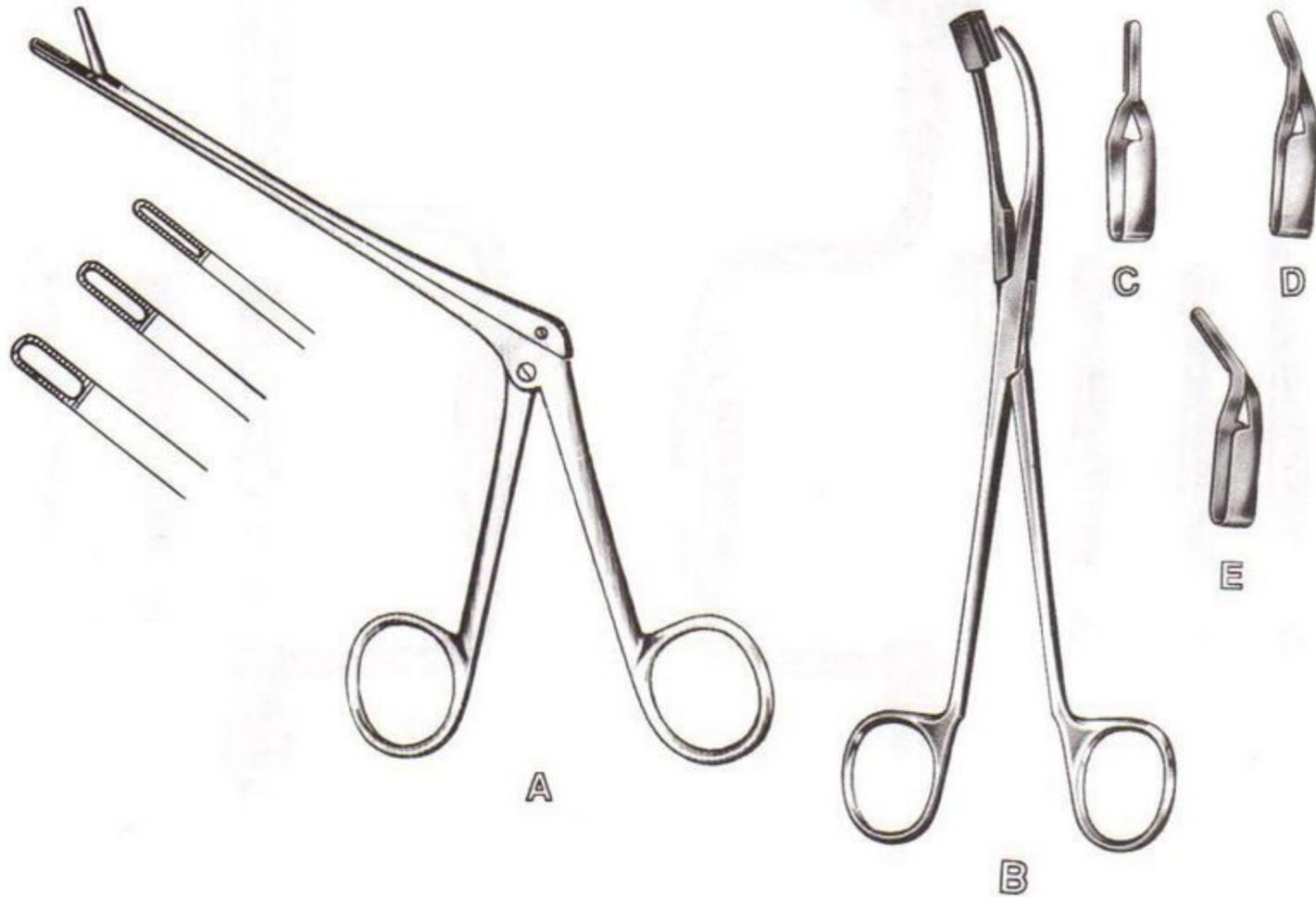
- A** 722-440 Bunnell Hand Drill, Lightweight, Chrome Plated with 5/32" (14mm) Capacity, Stainless Jacobs Chuck
Chuck Key Stores in Handle
- B** 722-442 Ralk Bone Drill Offset Handle, w/Jacobs Chuck
- C** 722-444 Pin and Wire Gauge for Kirschner Wires, 6"
- D** 722-446 Kirschner Wires, 12", Trocar Point with Flat Chuck End, .035 Diameter
722-448 Kirschner Wires, 12", Trocar Point with Flat Chuck End, .045 Diameter
722-450 Kirschner Wires, 12", Trocar Point with Flat Chuck End, .0625
Kirschner Wires, 12", Trocar Point
- E** 722-452 Kirschner Wires, 7 1/2", Trocar Point at Both Ends .035 Dia.
722-454 Kirschner Wires, 7 1/2", Trocar Point at Both Ends, .045 Dia.
722-456 Kirschner Wires, 7 1/2", Trocar Point at Both Ends, .0625 Dia.



NEUROSURGICAL INSTRUMENTS



- A** 722-455 Hudson Brace 10 ½" (26.7cm), with Standard Thumb Screw Chuck
- B** 722-460 Hudson Brace 11" (27.9cm), with Improved Snap-Lock Chuck
- C** 722-462 Hudson Bur, 9mm Diameter
- D** 722-464 Hudson Bur, 14mm Diameter
- E** 722-466 Hudson Bur, 16mm Diameter
- F** 722-468 Hudson Bur, 22mm Diameter
- G** 722-470 Cushing Perforator, for Hudson Brace
- H** 722-472 Hudson Cerabellar Extension, 4" for Hudson Brace
- I** 722-474 McKenzie Perforator for Hudson Brace



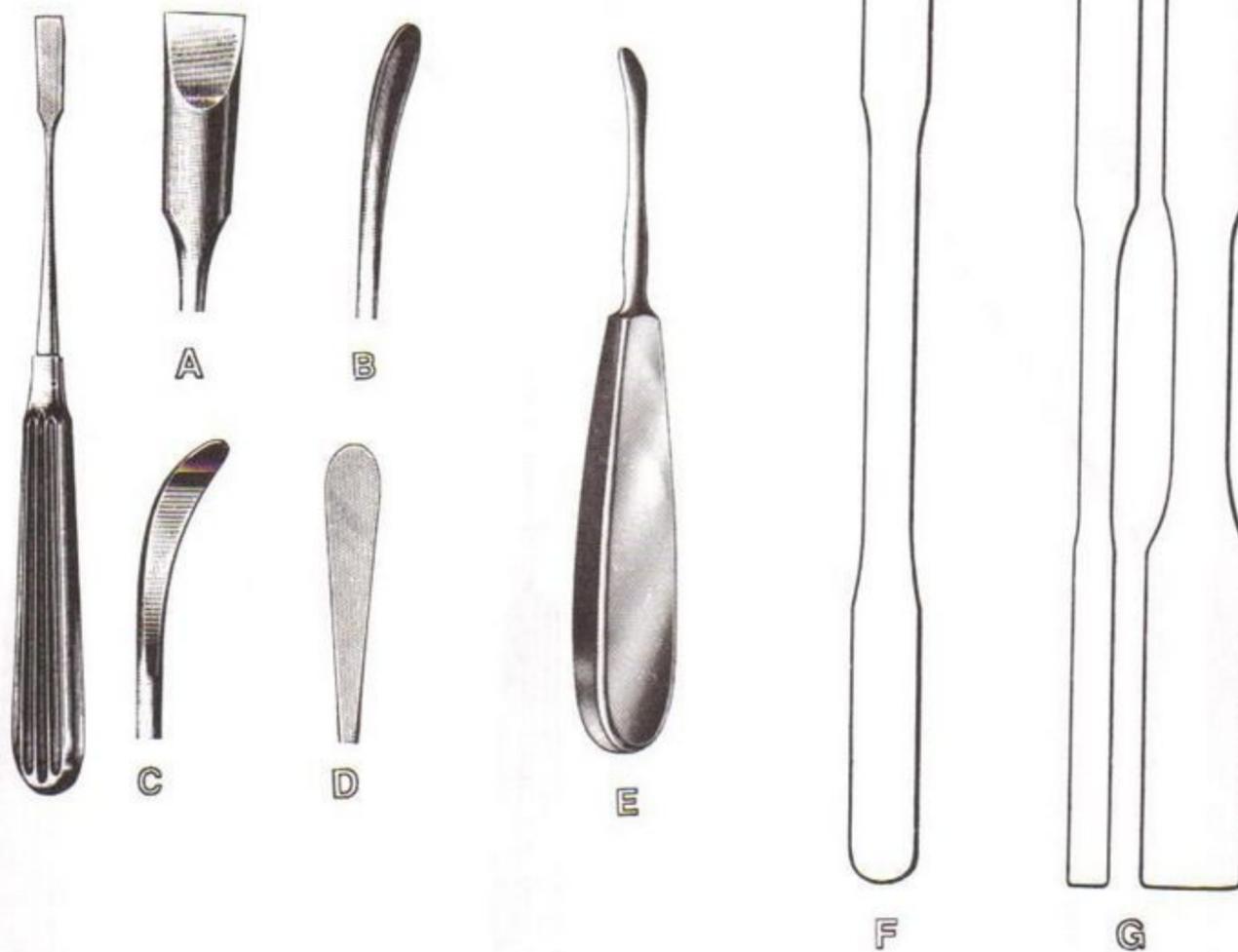
NEUROSURGICAL INSTRUMENTS

- | | | |
|----------|---------|--|
| A | 722-476 | Schlesinger Pituitary Rongeur, Serrated Cup Jaws, Straight 6" (15.2 cm) Shanks, 2x10 mm Bite |
| | 722-478 | Schlesinger Pituitary Rongeur, Serrated Cup Jaws, Straight 6" (15.2 cm) Shanks, 3x10 mm Bite |
| | 722-480 | Schlesinger Pituitary Rongeur, Serrated Cup Jaws, Straight 6" (15.2 cm) Shanks, 4x10 mm Bite |
| B | 722-482 | Schwartz Clip Applying Forceps 8" (20.3 cm) |
| C | 722-484 | Schwartz Vessel Clip 1" (2.5 cm), Straight Jaws 1.7x8 mm |
| D | 722-486 | Schwartz Vessel Clip 1" (2.5 cm), Slightly Angled Jaws 1.7x8 mm |
| E | 722-488 | Schwartz Vessel Clip 1" (2.5 cm), Strong Angled Jaws 1.7x8 mm |



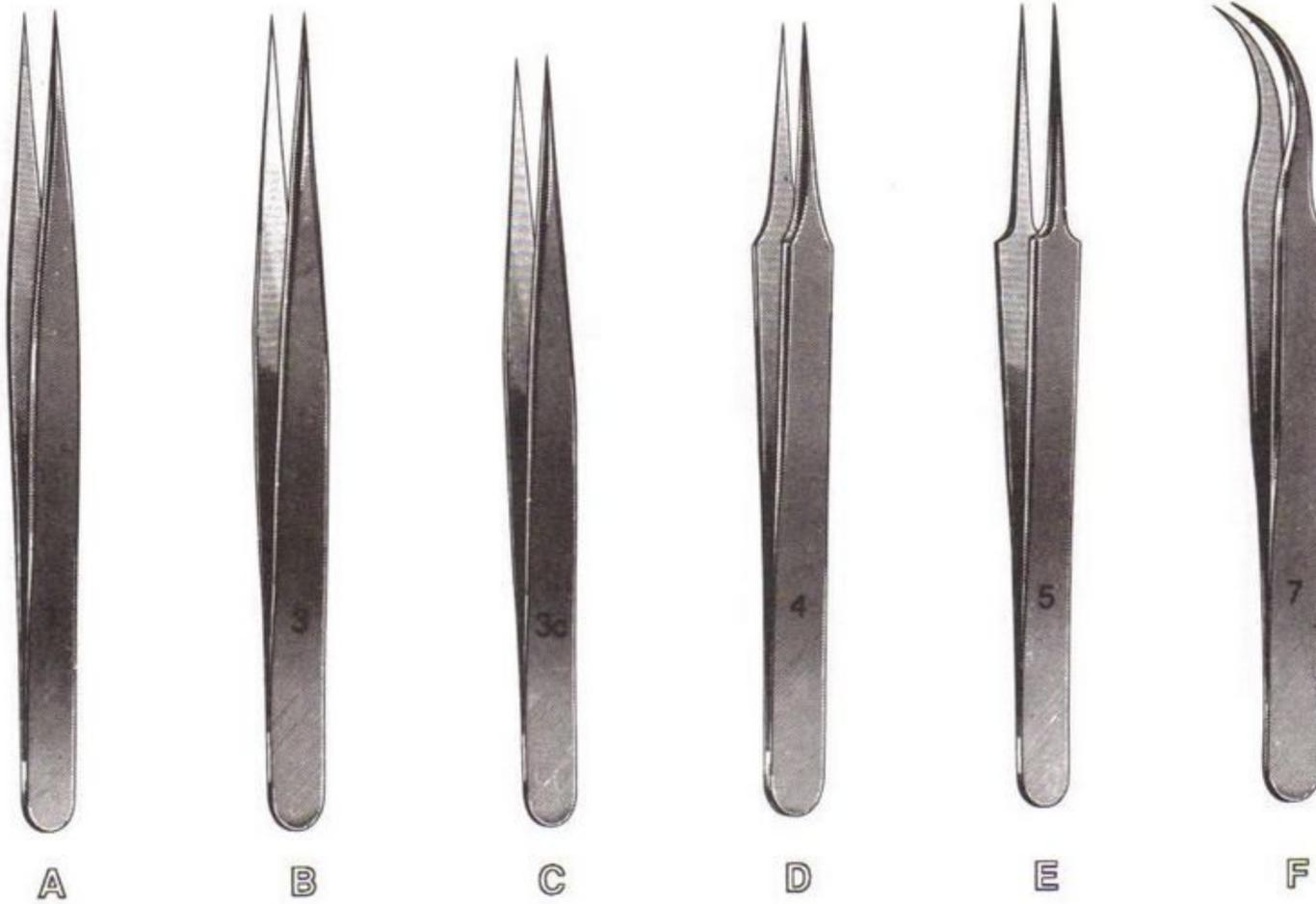
NEUROSURGICAL INSTRUMENTS

- | | | |
|----------|---------|--|
| A | 722-510 | Love Nerve Root Retractor 8 ½" (21.6 cm), Straight, 7mm Blade |
| | 722-515 | Love Nerve Root Retractor 8 ½" (21.6 cm), Angled 45°, 7mm Blade |
| | 722-520 | Love Nerve Root Retractor 8 ½" (21.6 cm), Angled 90°, 7mm Blade |
| B | 722-525 | Scoville Nerve Root Retractor 9" (22.9 cm), Straight, 8mm Wide Blade |
| C | 722-530 | Scoville Nerve Root Retractor 9" (22.9 cm), Angular, 8mm Wide Blade |



NEUROSURGICAL INSTRUMENTS

- | | | |
|---|---------|--|
| A | 722-535 | Adson Periosteal Elevator 6 ½" (16.5cm), Chisel Edge, Straight, 8mm Wide |
| B | 722-540 | Adson Periosteal Elevator 6 ½" (16.5cm), Blunt, Curved, 6mm Wide |
| C | 722-545 | Adson Periosteal Elevator 6 ½" (16.5cm), Semi-Sharp, Curved, 7mm Wide |
| D | 722-550 | Adson Periosteal Elevator 6 ½" (16.5cm), Semi-Sharp, Straight, 6mm Wide |
| E | 722-555 | Cushing Periosteal Elevator 6" (15.2cm) |
| F | 722-560 | Children's Hospital Brain Spatula, 8 ½" Long x 1/2" Wide
Malleable, Silver Plated |
| G | 722-565 | Scoville Brain Spatula, 8", 3/8" and 1/2" |
| | 722-570 | Scoville Brain Spatula, 8" 5/8" and 7/8" |



MICRO SURGERY INSTRUMENTS

- A** 740-001 Swiss Jeweler Style Forceps, #1, 4-3/4" straight, fine points
- B** 740-003 Swiss Jeweler Style Forceps, #3, 4-3/4" straight, narrow fine points
- C** 740-033 Swiss Jeweler Style Forceps, #3C, 4-3/8" straight, narrow fine points
- D** 740-004 Swiss Jeweler Style Forceps, #4, 4-3/8" straight, fine points
- E** 740-005 Swiss Jeweler Style Forceps, #5, 4-3/8" straight, super fine points
- F** 740-007 Swiss Jeweler Style Forceps, #7, 4-1/2" curved, fine points