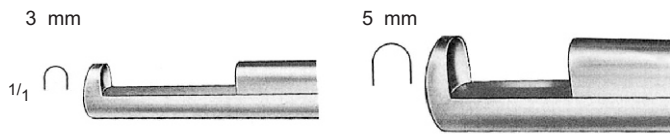


# NEUROSURGERY

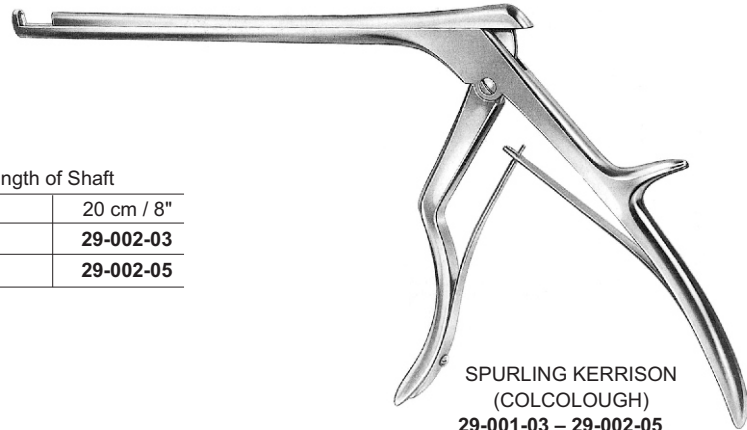


29

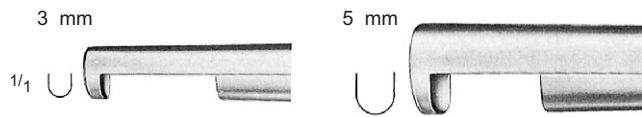
Intervertebral Disc Rongeurs



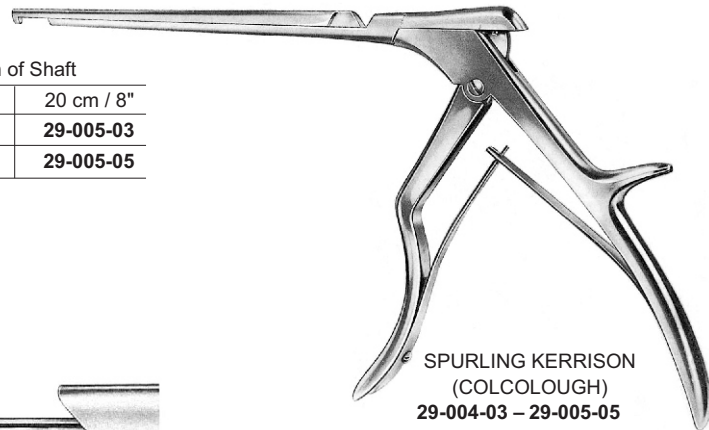
	Length of Shaft	
	15 cm / 6"	20 cm / 8"
Jaws 3 mm wide	<b>29-001-03</b>	<b>29-002-03</b>
Jaws 5 mm wide	<b>29-001-05</b>	<b>29-002-05</b>



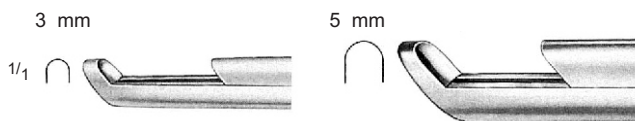
SPURLING KERRISON  
(COLCOLOUGH)  
29-001-03 – 29-002-05



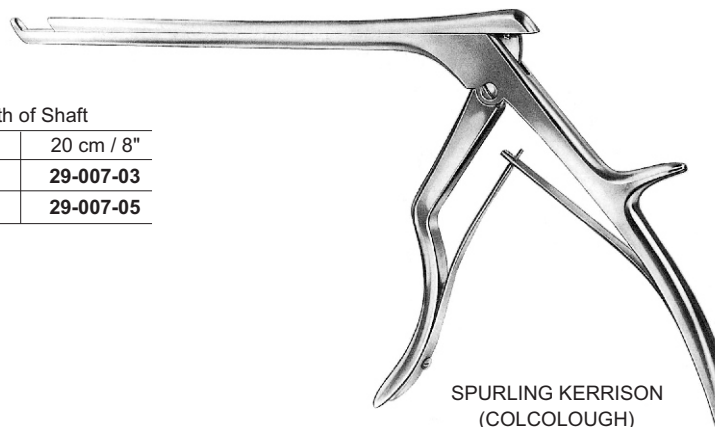
	Length of Shaft	
	15 cm / 6"	20 cm / 8"
Jaws 3 mm wide	<b>29-004-03</b>	<b>29-005-03</b>
Jaws 5 mm wide	<b>29-004-05</b>	<b>29-005-05</b>



SPURLING KERRISON  
(COLCOLOUGH)  
29-004-03 – 29-005-05

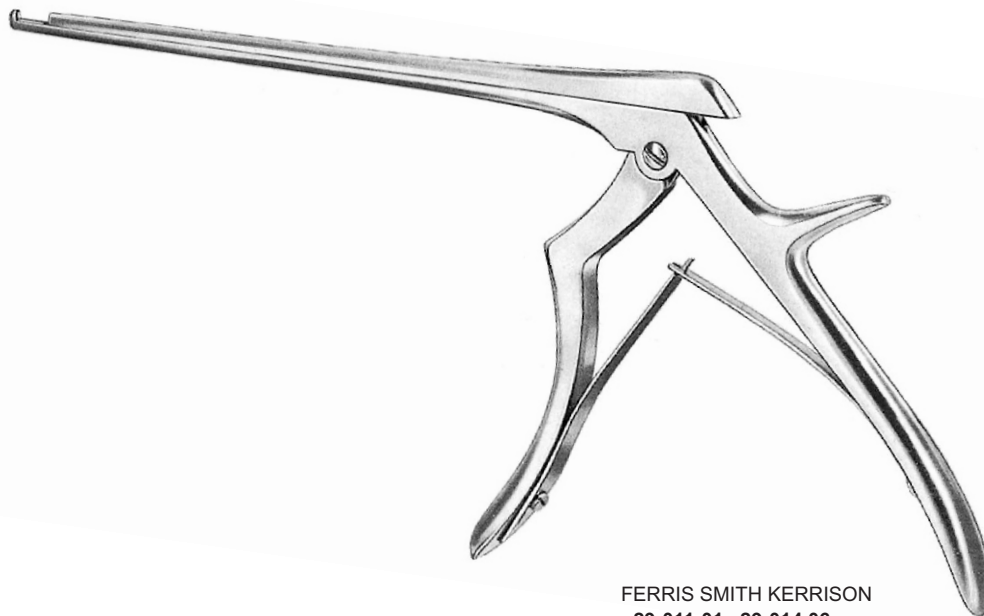


	Length of Shaft	
	15 cm / 6"	20 cm / 8"
Jaws 3 mm wide	<b>29-006-03</b>	<b>29-007-03</b>
Jaws 5 mm wide	<b>29-006-05</b>	<b>29-007-05</b>


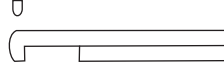

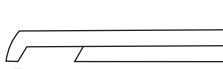
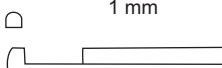
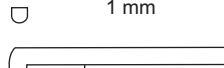
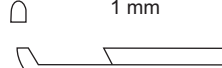
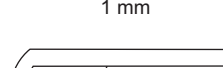
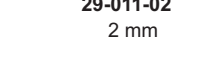
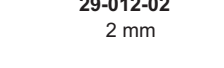
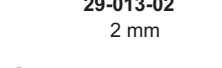
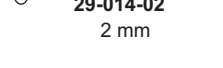

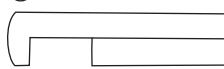
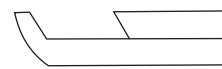
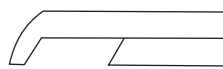
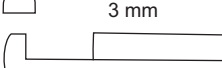
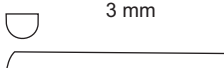
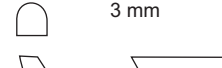
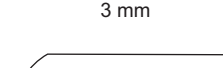
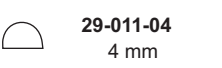
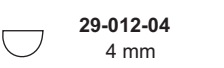
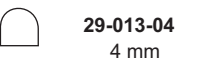
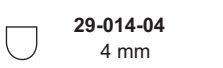


SPURLING KERRISON  
(COLCOLOUGH)  
29-006-03 – 29-007-05

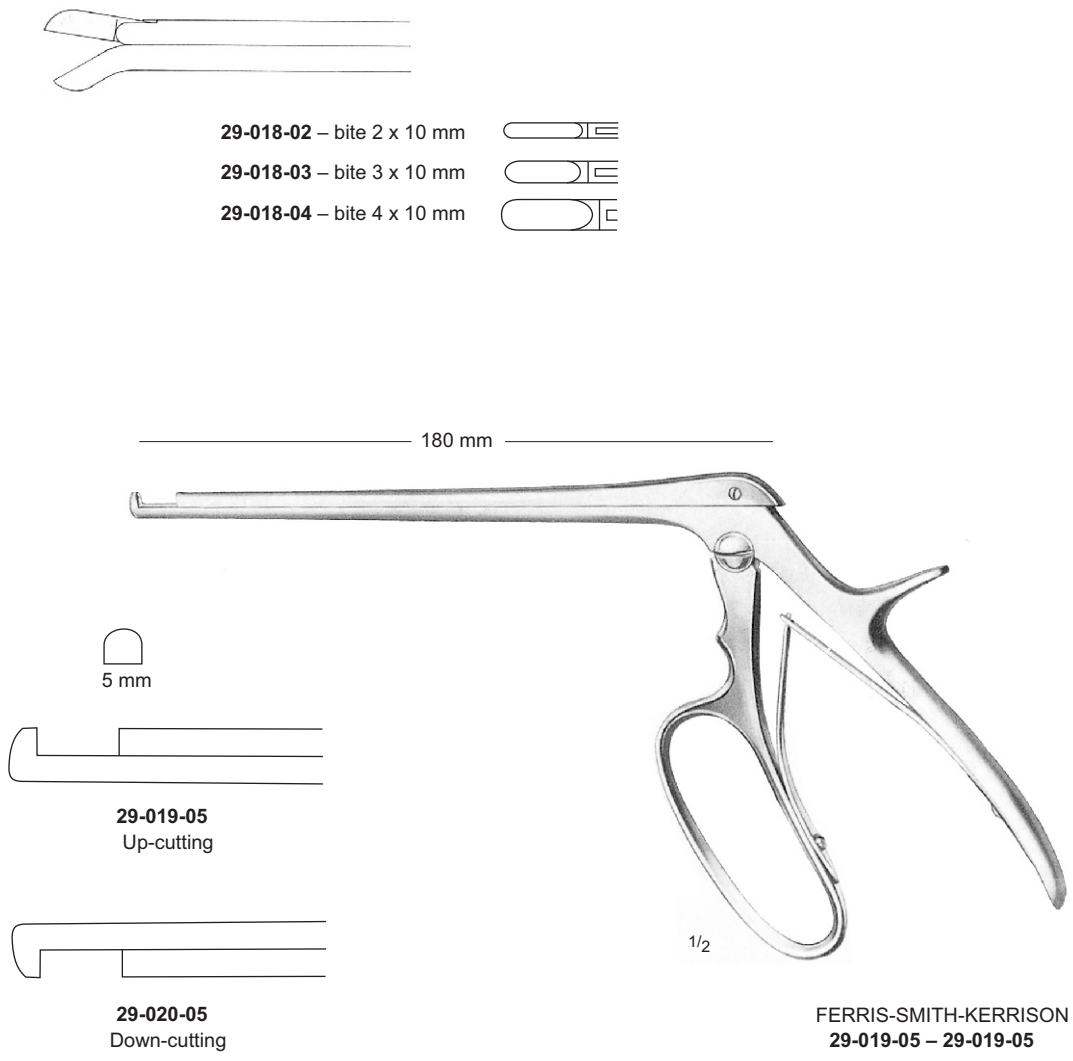
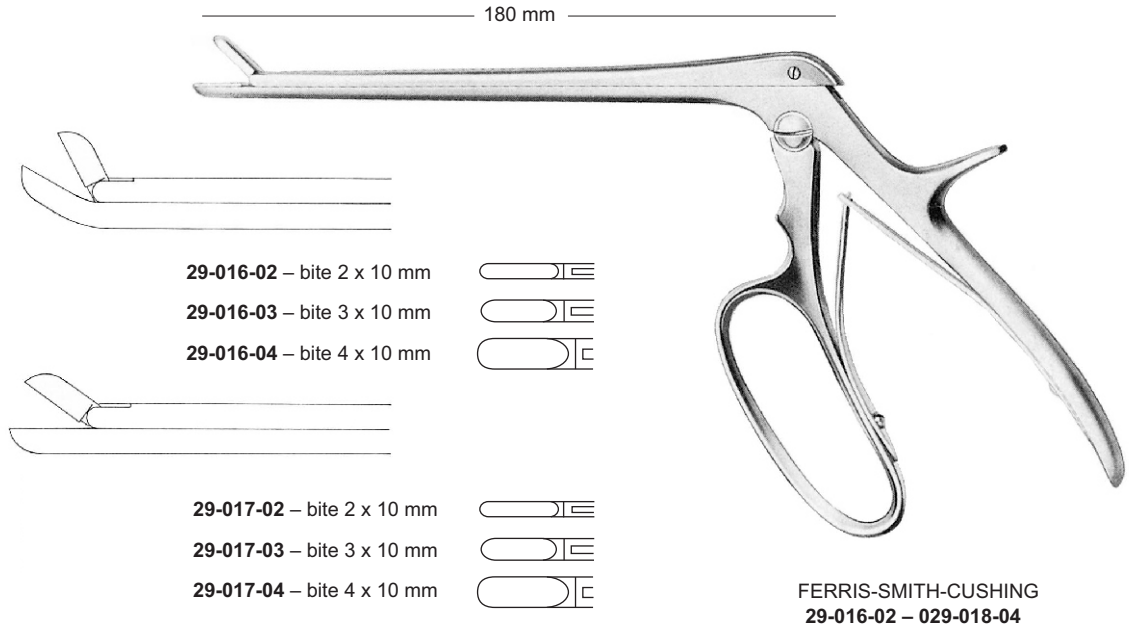
Sphenoid Bone Punches,



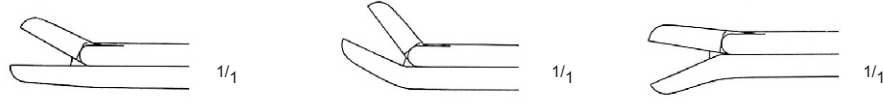
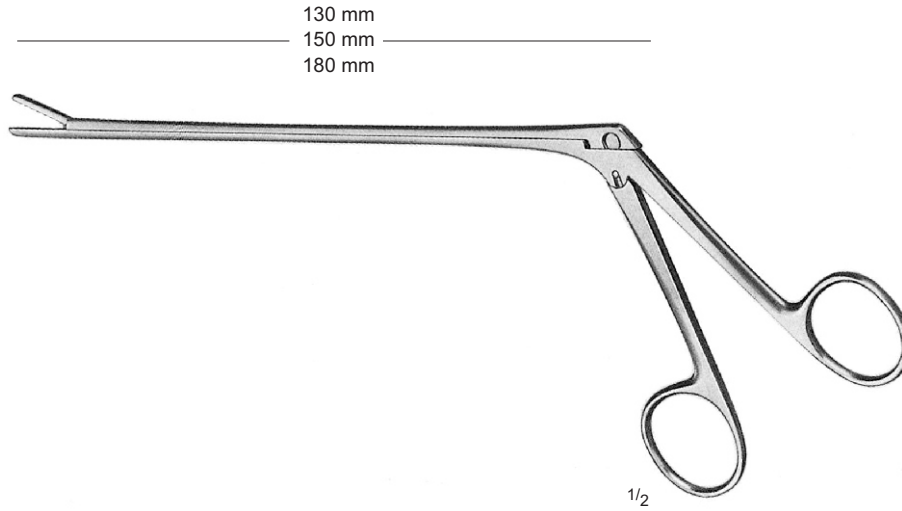
FERRIS SMITH KERRISON  
29-011-01– 29-014-06



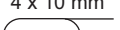
Upwards Cutting	Downwards Cutting	45° Upwards Cutting	45° Downward Cutting
 <b>29-011-01</b> 1 mm	 <b>29-012-01</b> 1 mm	 <b>29-013-01</b> 1 mm	 <b>29-014-01</b> 1 mm
 <b>29-011-02</b> 2 mm	 <b>29-012-02</b> 2 mm	 <b>29-013-02</b> 2 mm	 <b>29-014-02</b> 2 mm
 <b>29-011-03</b> 3 mm	 <b>29-012-03</b> 3 mm	 <b>29-013-03</b> 3 mm	 <b>29-014-03</b> 3 mm
 <b>29-011-04</b> 4 mm	 <b>29-012-04</b> 4 mm	 <b>29-013-04</b> 4 mm	 <b>29-014-04</b> 4 mm
 <b>29-011-05</b> 5 mm	 <b>29-012-05</b> 5 mm	 <b>29-013-05</b> 5 mm	 <b>29-014-05</b> 5 mm
 <b>29-011-06</b> 6 mm	 <b>29-012-06</b> 6 mm	 <b>29-013-06</b> 6 mm	 <b>29-014-06</b> 6 mm

Antrum Punch Forceps

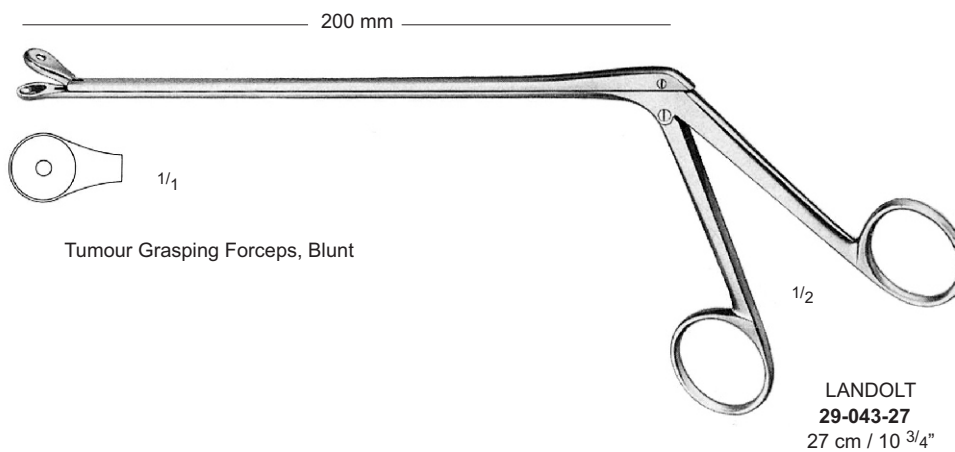
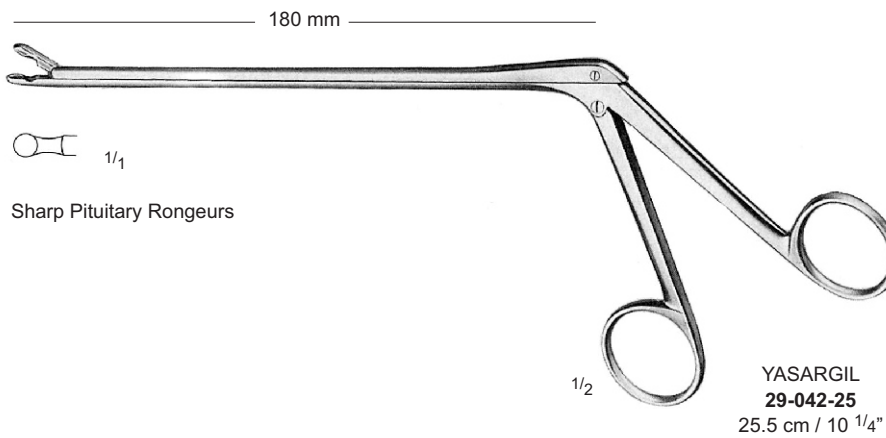
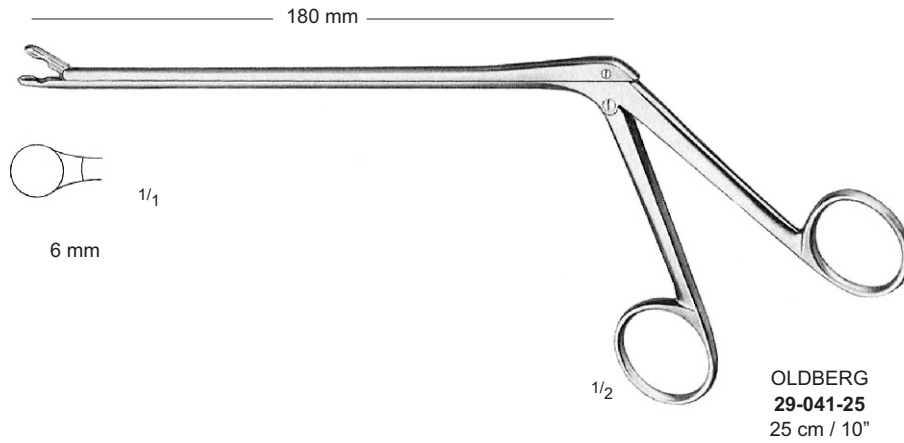


Laminectomy Rongeurs

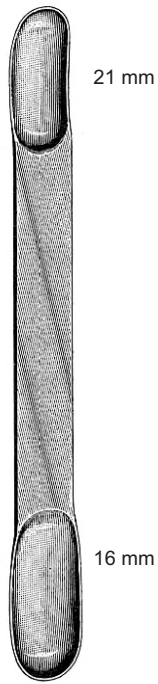


	Shaft Size	Straight	Upward	Downwards
<b>CUSHING</b> 2 x 10 mm 	13.0 cm / 5" 15.0 cm / 6" 18.0 cm / 7"	<b>29-021-13</b> <b>29-024-15</b> <b>29-027-18</b>	<b>29-022-13</b> <b>29-025-15</b> <b>29-028-18</b>	<b>29-023-13</b> <b>29-026-15</b> <b>29-029-18</b>
<b>LOVE-GRUENWALD</b> 3 x 10 mm 	13.0 cm / 5" 15.0 cm / 6" 18.0 cm / 7"	<b>29-021-13</b> <b>29-024-15</b> <b>29-027-18</b>	<b>29-022-13</b> <b>29-025-15</b> <b>29-028-18</b>	<b>29-023-13</b> <b>29-026-15</b> <b>29-029-18</b>
<b>SPURLING</b> 4 x 10 mm 	13.0 cm / 5" 15.0 cm / 6" 18.0 cm / 7"	<b>29-021-13</b> <b>29-024-15</b> <b>29-027-18</b>	<b>29-022-13</b> <b>29-025-15</b> <b>29-028-18</b>	<b>29-023-13</b> <b>29-026-15</b> <b>29-029-18</b>

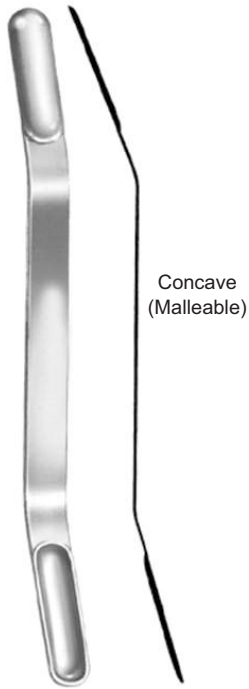
Laminectomy Rongeurs



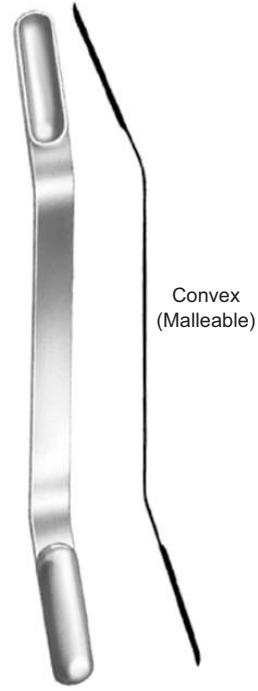
Brain Spatulas, Dura Dissectors



**CUSHING**  
29-115-17 – 17 cm / 6 3/4"  
29-015-20 – 20 cm / 8"



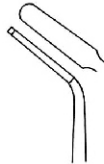
**OILVECRONA**  
18 cm (7 1/8")  
29-116-09 – 7 + 9 mm  
29-016-13 – 11 + 13 mm  
29-016-18 – 15 + 18 mm  
29-016-22 – 18 + 22 mm



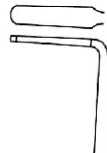
**OILVECRONA**  
18 cm (7 1/8")  
29-117-09 – 7 + 9 mm  
29-117-13 – 11 + 13 mm  
29-117-18 – 15 + 18 mm  
29-117-22 – 18 + 22 mm



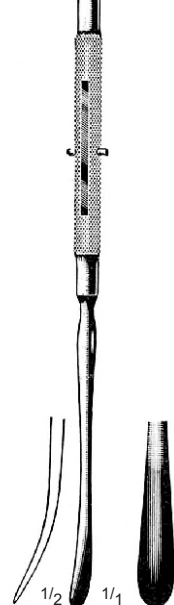
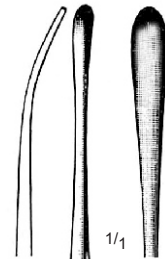
**FRAZIER**  
29-118-15  
15 cm / 6"



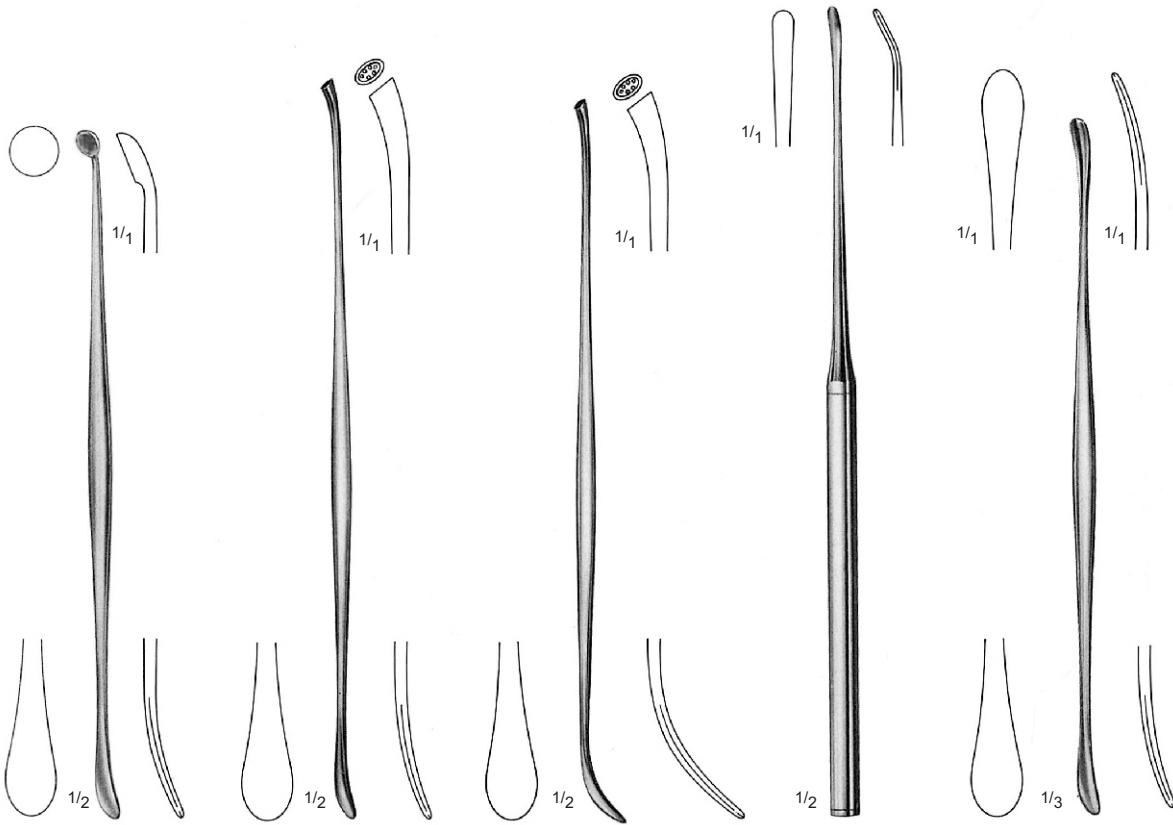
**HOEN**  
29-119-02  
15 cm / 6"



**HOEN**  
29-120-03  
15 cm / 6"



**DAVIS**  
29-141-24  
24.5 cm / 9 3/4"



**PENFIELD**  
**29-137-01**  
Fig. 1  
17.5 cm / 7"

**PENFIELD**  
**29-137-02**  
Fig. 2  
19.5 cm / 7 3/4"

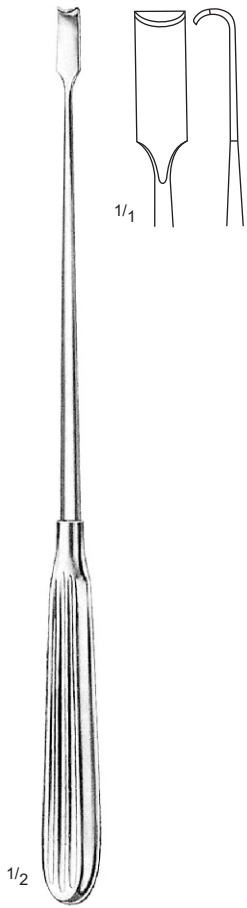
**PENFIELD**  
**29-137-03**  
Fig. 3  
19.5 cm / 7 3/4"

**PENFIELD**  
**29-138-21**  
Fig. 4  
21.5 cm / 8 1/2"

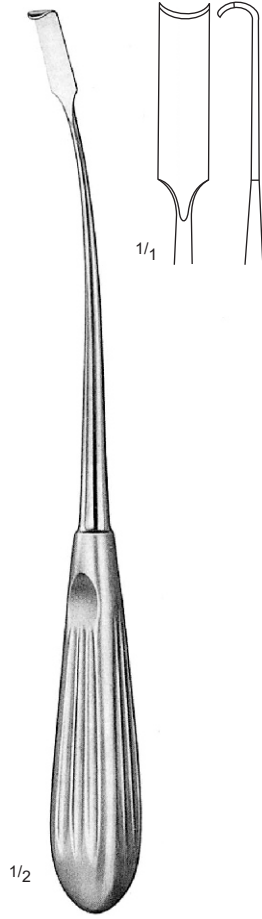
**PENFIELD**  
**29-139-29**  
Fig. 5  
29 cm / 11 1/2"



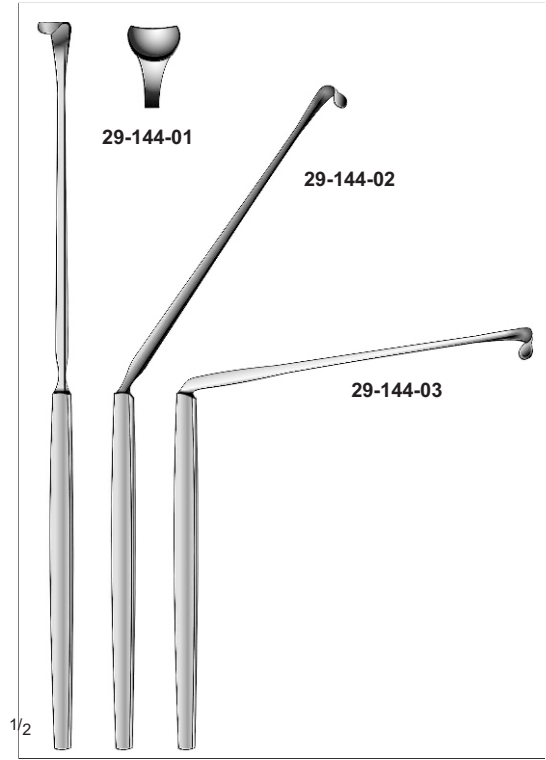
Nerve Root Retractors



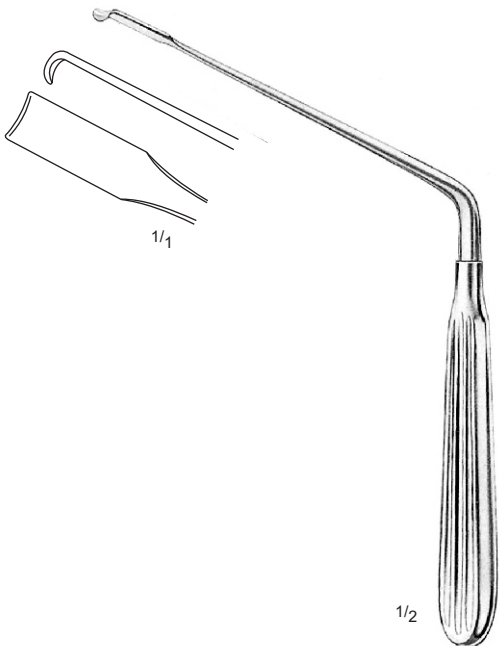
SCOVILLE  
29-142-50  
23 cm / 9"



HOLSHER  
29-143-24  
24 cm / 9 1/2"



LOVE  
29-144-01 – 29-144-03

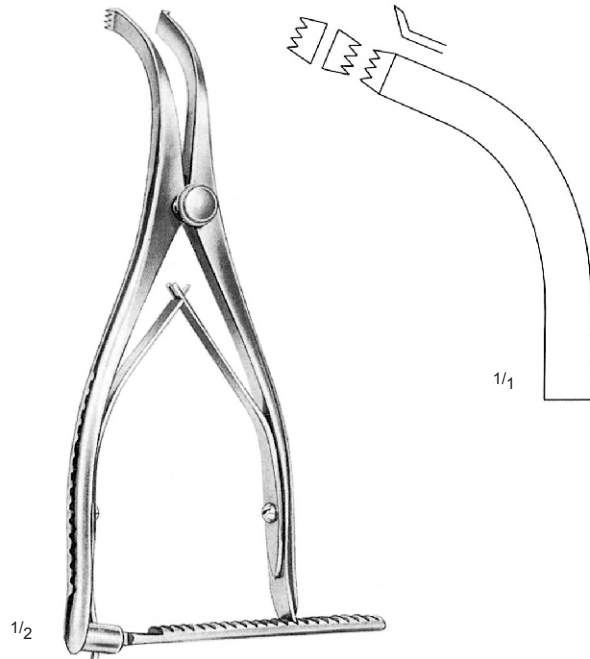


SCOVILLE  
29-145-23  
23 cm / 9"

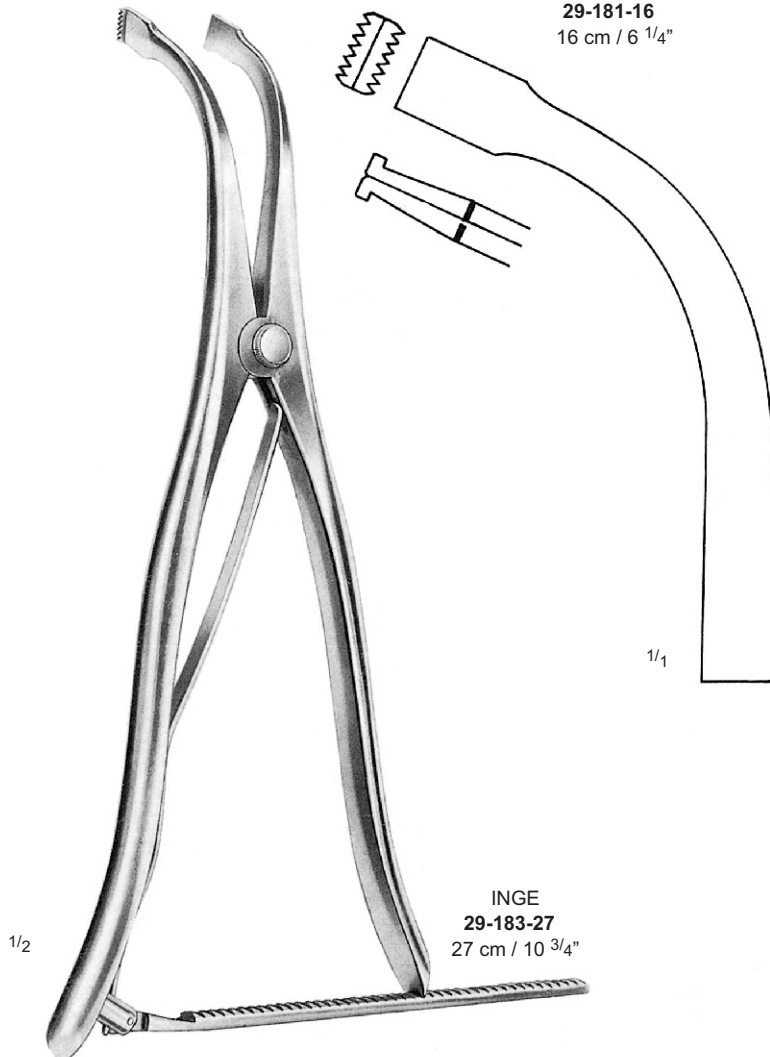
Lamina Spreaders



CLOWARD  
29-180-16  
16 cm / 6 1/4"

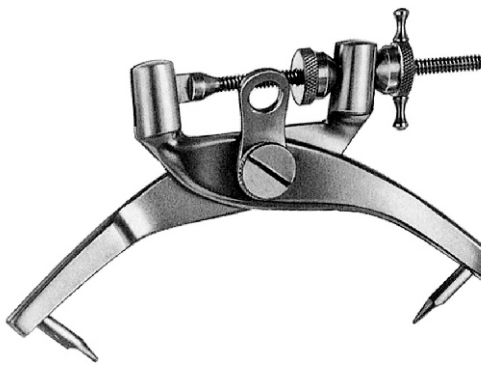


INGE  
29-181-16  
16 cm / 6 1/4"

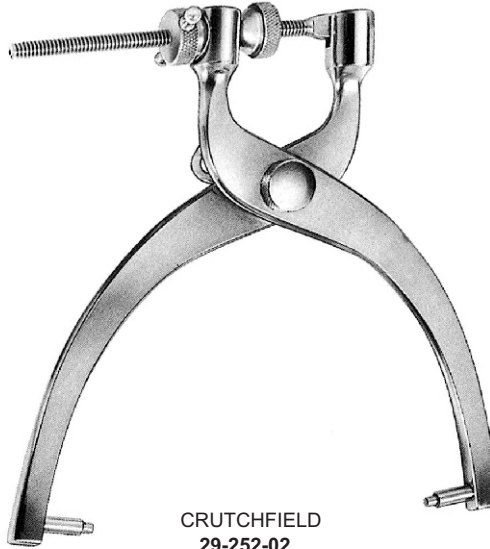


INGE  
29-183-27  
27 cm / 10 3/4"

Traction Tongs, Cranial Drills



CRUTCHFIELD  
29-252-01



CRUTCHFIELD  
29-252-02



29-252-04  
ø 3.5 mm



29-252-05  
ø 5 mm

EXTENSION PIECE  
ONLY  
29-253-05



29-255-01  
ø 9 mm



29-255-02  
ø 14 mm



29-255-03  
ø 16 mm



29-255-04  
ø 22 mm



BRACE ONLY  
29-254-03

HUDSON  
Cranial Drill  
Complete with 4  
burs No.,  
29-254-09  
29-254-14  
29-254-16  
29-254-22



CUSHING  
29-256-13  
ø 13 mm

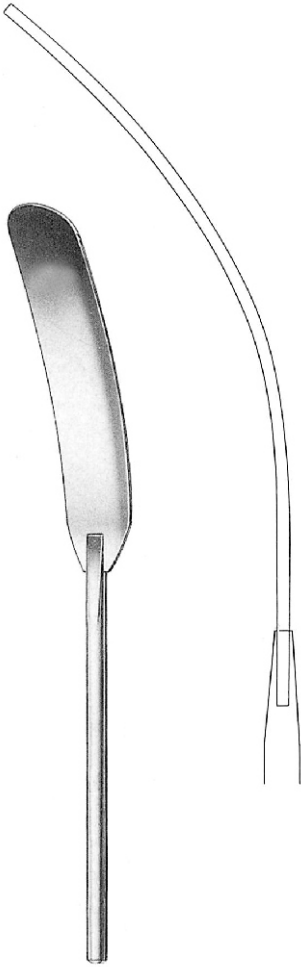


McKENZIE  
29-257-13  
ø 13 mm



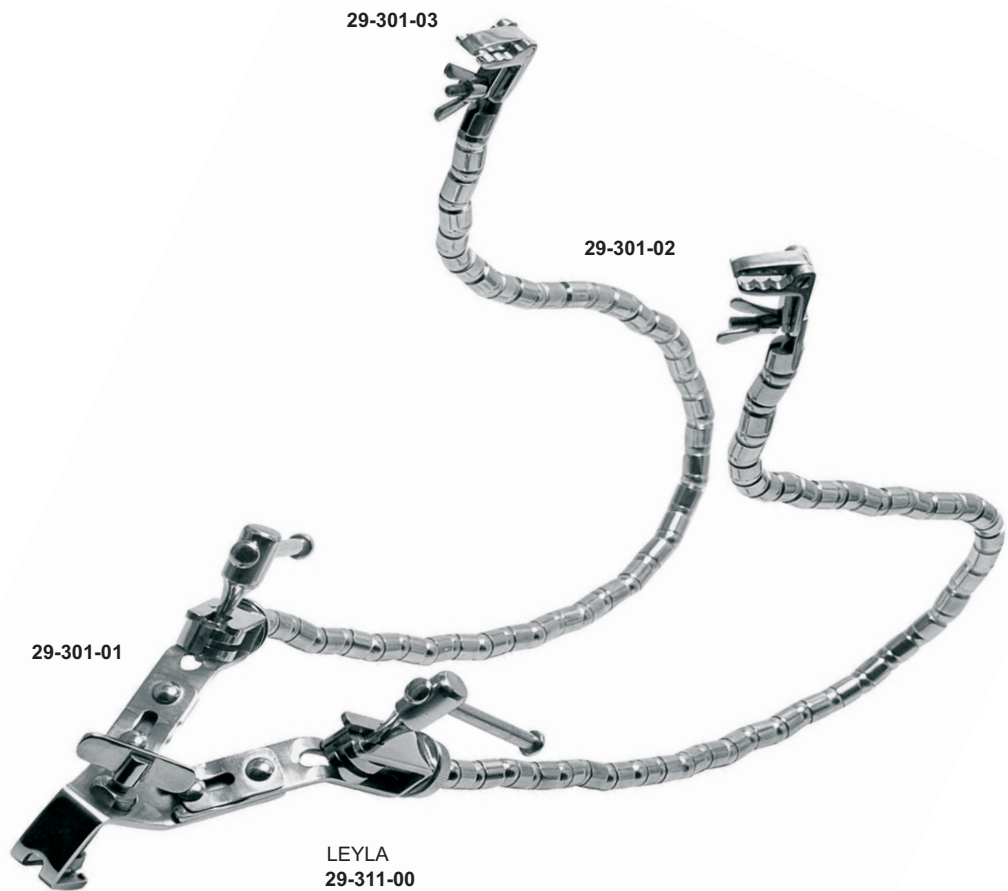
D'ERRICO  
29-258-16  
ø 16 mm

Brain Retractors, Spatulas



HEIFETZ  
20 cm / 8"

- 29-170-08 8 mm
- 29-170-11 11 mm
- 29-170-14 14 mm
- 29-170-17 17 mm
- 29-170-20 20 mm



LEYLA  
29-311-00

Complete with two flexible arms no. 29-301-02,  
one fixation base no 29-301-01-and two clamps  
No. 29-301-03 for holding brain spatulas