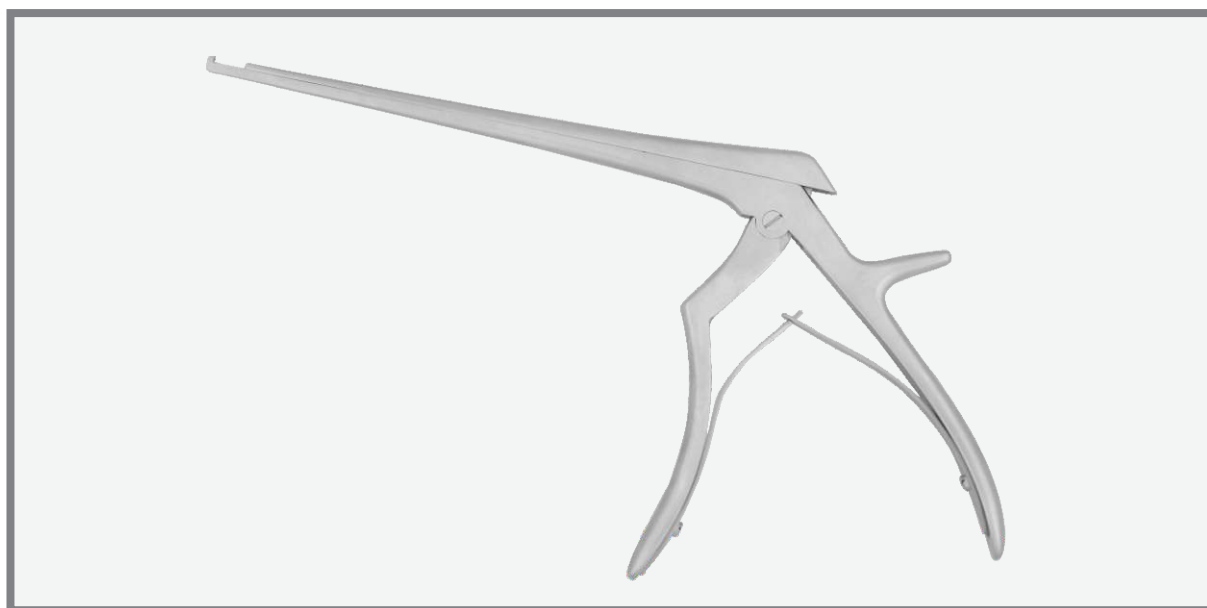


EN	Neurosurgery
DE	Neurochirurgie
ES	Neuro Cirugía
FR	Neurochirurgie
IT	Neurochirurgia

Page 373 to 387





FRAZIER
18-5301-15
15 cm/5 3/8"



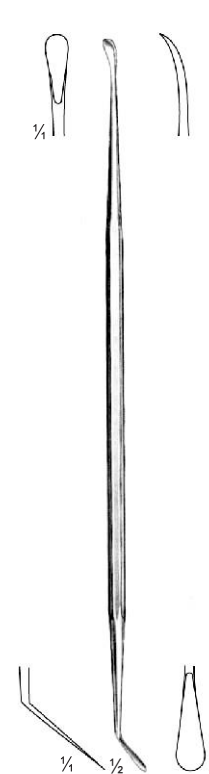
HOEN
18-5302-15
15 cm/5 3/8"



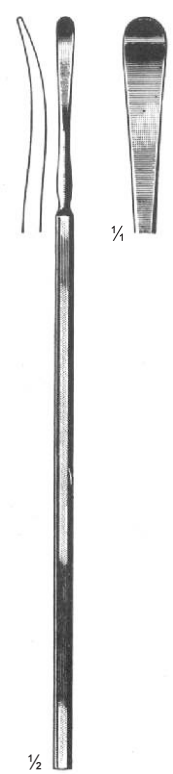
HOEN
18-5303-15
15 cm/5 3/8"



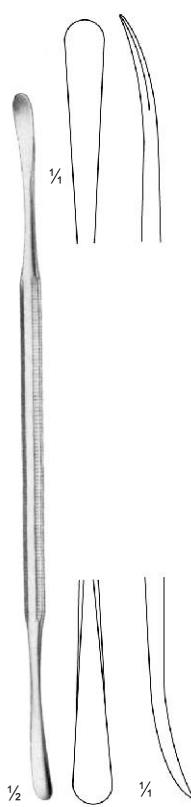
SACHS
18-5304-21
21 cm/8 1/4"



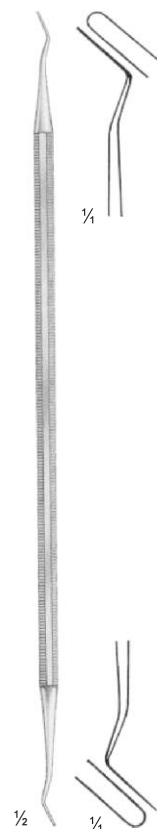
MILLIGAN
18-5305-21
21 cm/8 1/4"



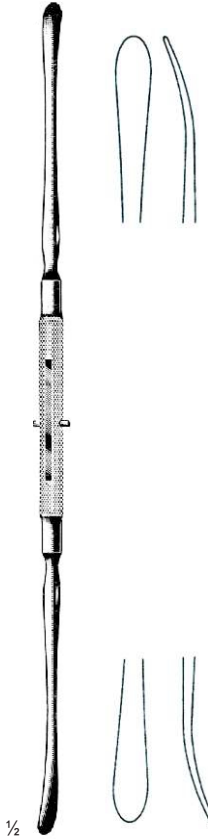
SACHS
18-5306-21
21 cm/8 1/4"



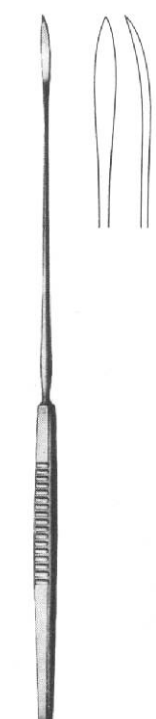
18-5307-22
22 cm/8 3/4"



WOODSON
18-5308-25
25 cm/9 1/8"



DAVIS
18-5309-24
24.5 cm/9 3/8"



18-5310-21
21 cm/8 1/4"

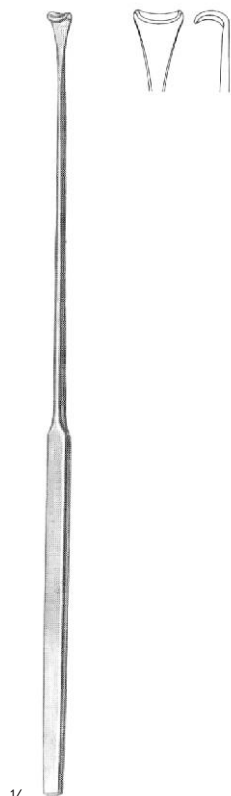


FAGER
18-5311-20
20 cm/7 1/8"

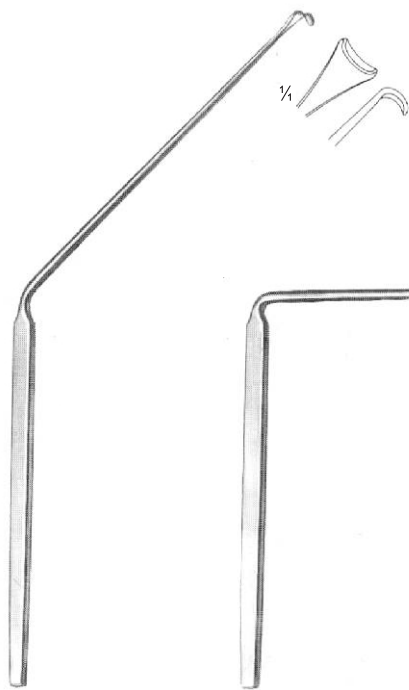


FAGER
18-5312-20
20 cm/7 1/8"

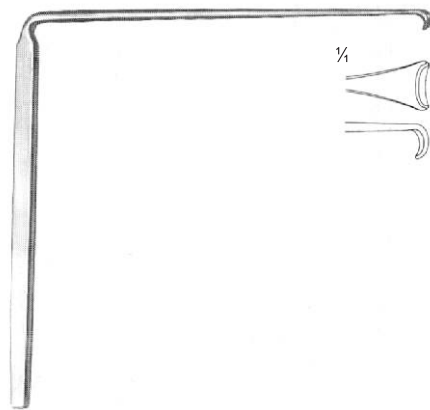
Neurosurgery



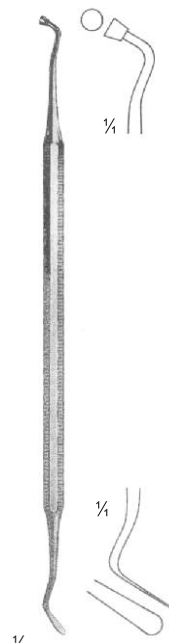
LOVE
 18-5313-21
 21.5 cm/8 1/2"



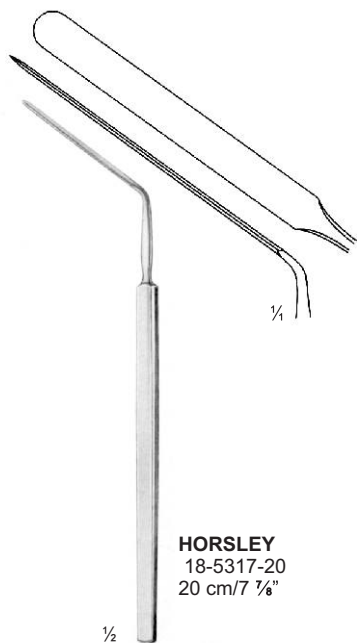
LOVE
 18-5314-17
 17.5 cm/6 7/8"



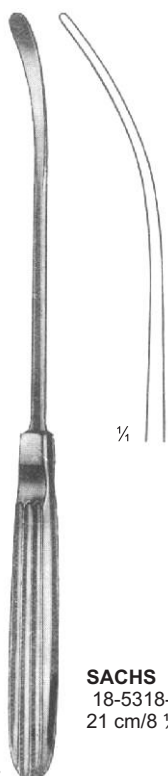
LOVE
 18-5315-11
 11 cm/4 3/8"



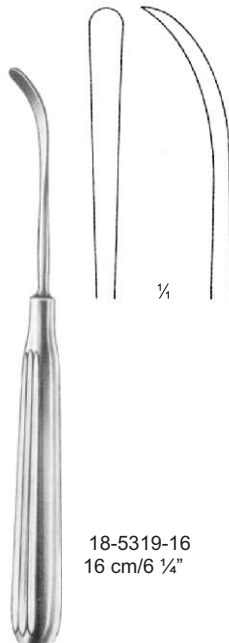
WOODSON
 18-5316-17
 17 cm/6 3/4"



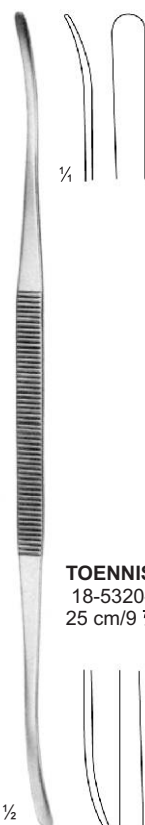
HORSLEY
 18-5317-20
 20 cm/7 7/8"



SACHS
 18-5318-21
 21 cm/8 1/4"

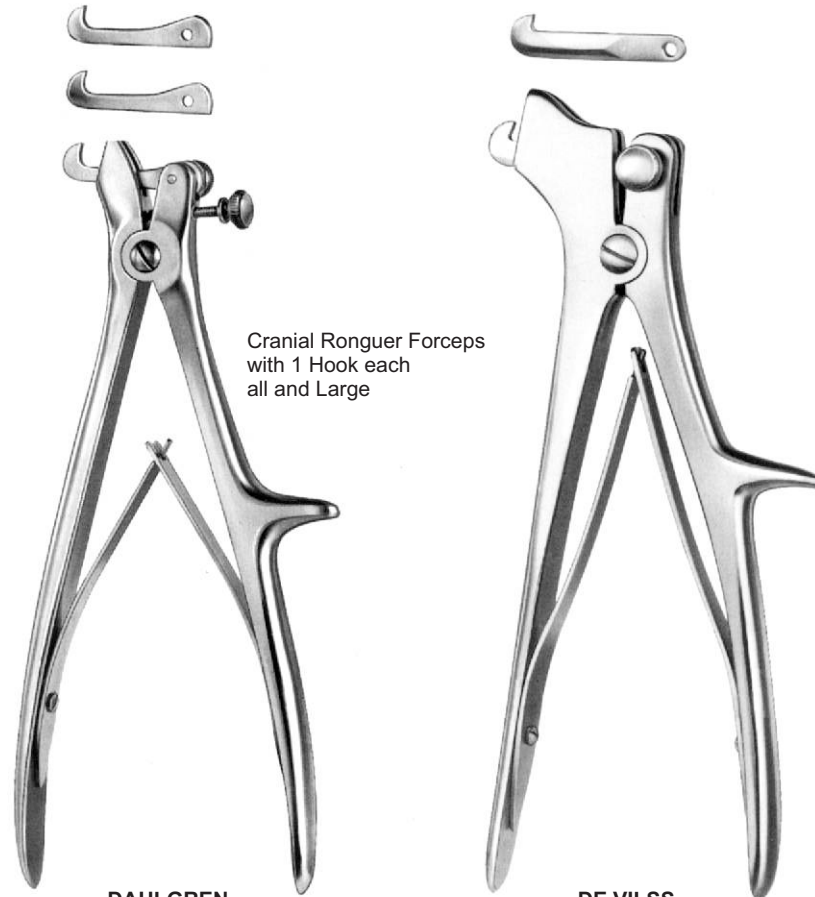


18-5319-16
 16 cm/6 1/4"



TOENNIS
 18-5320-20
 25 cm/9 7/8"





Cranial Rongeur Forceps
with 1 Hook each
all and Large

DAHLGREN
18-5321-20
20 cm/7 7/8"

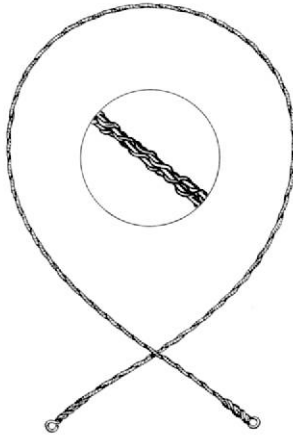
DE VILSS
18-5322-21
21 cm/8 1/4"



McKENZIE
18-5323-15 15cm/5 7/8"
18-5323-19 19cm/7 1/2"

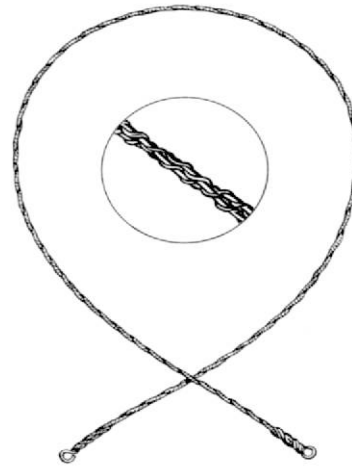
McKENZIE
18-5324-15 15cm/5 7/8"
18-5324-19 19cm/7 1/2"

RANEY
18-5325
Applying and removing
forceps for scalp hemostasis clip



- 18-5326-30 30cm
- 18-5326-40 40cm
- 18-5326-50 50cm
- 18-5326-60 60cm
- 18-5326-70 70cm

GIGLI-WIRE SAW
 2 wires twisted



- 18-5327-30 30cm
- 18-5327-40 40cm
- 18-5327-50 50cm

GIGLI-WIRE SAW
 6 wires twisted

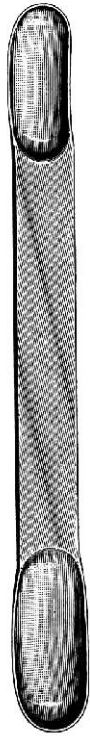


GIGLI
 18-5328-07
 7 cm/2 3/4"
 Hook handle
 for wire saw

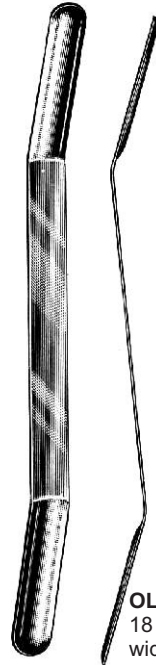


De MARTEL
 18-5329-33
 33 cm/13"
 Conductor for
 wire saws



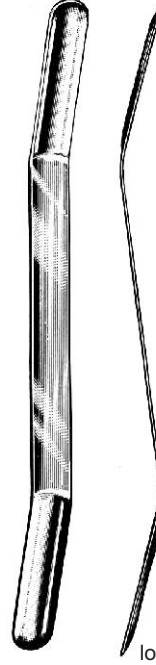


CUSHING
 18-5330-17 17cm/6 ¾"
 18-5330-20 20cm/7 7/8"
 18-5330-28 28cm/11"



OLIVECRONA
 18 cm/7 1/8"
 width of spatulas

Concave	upper end
18-5331-18	7 + 9 mm
18-5332-18	11 + 13 mm
18-5333-18	15 + 18 mm
18-5334-18	18 + 22 mm



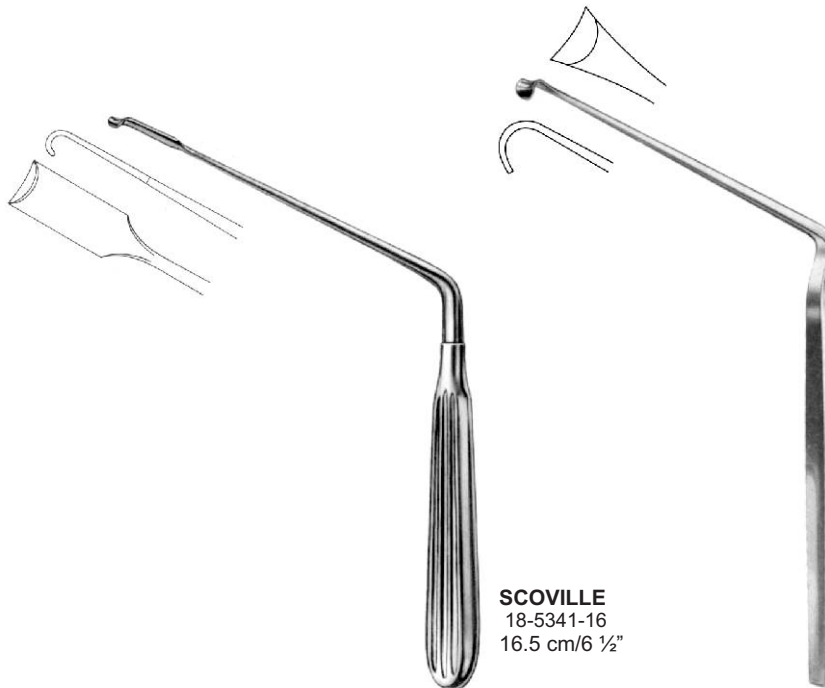
Convex
18-5335-18
18-5336-18
18-5337-18
18-5338-18



SCOVILLE
 18-5339-23
 23 cm/9"

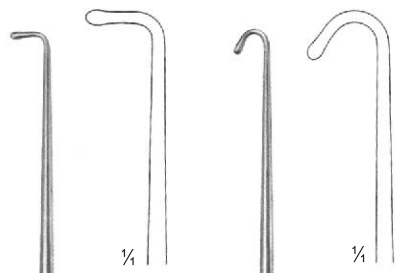


HOLSHER
 18-5340-24
 24 cm/9 1/2"



SCOVILLE
 18-5341-16
 16.5 cm/6 1/2"

18-5342-21
 21 cm/8 1/4"



1/2

1/4

1/4

GRONINGEN
18-5343-26
26.5 cm/10 3/8"

1/2

GRONINGEN
18-5344-26
26.5 cm/10 3/8"



1/2

CUSHING



1/4

Fig. 1
18-5345-19
19 cm/7 1/2"

Fig. 1
18-5345-28
28 cm/11"



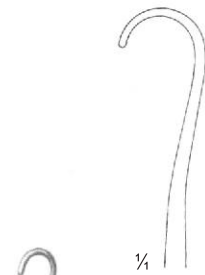
1/4

Fig. 2
18-5346-19
19 cm/7 1/2"

Fig. 2
18-5346-28
28 cm/11"

1/2

CUSHING



1/4

DF-237-2787
17 cm/6 3/4"



1/2

ITHWICK



1/4

18-5347-21
21 cm/8 1/4"





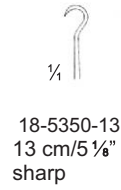
GRAHAM
18-5348-16
16.5 cm/6 1/2"



SACHS
18-5349-17
17 cm/6 3/4"



FRAZIER



18-5350-13
13 cm/5 1/8"
sharp



18-5350-18
18 cm/7 1/8"
sharp



ADSON
18-5351-20
20 cm/7 7/8"

Nerve and Vessel Hooklets
 Nerv- und Gefäßhäkchen
 Ganchitos para nervios y vasos
 Hooklets nerveux et vasculaires
 Hooklets dei nervi e dei vasi

- EN
- DE
- ES
- FR
- IT



KRAYENBÜHL
 19 cm/7 1/2"



Fig. 1
 18-5352-19



Fig. 2
 18-5353-19



Fig. 1
 18-5354-19

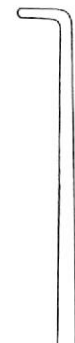
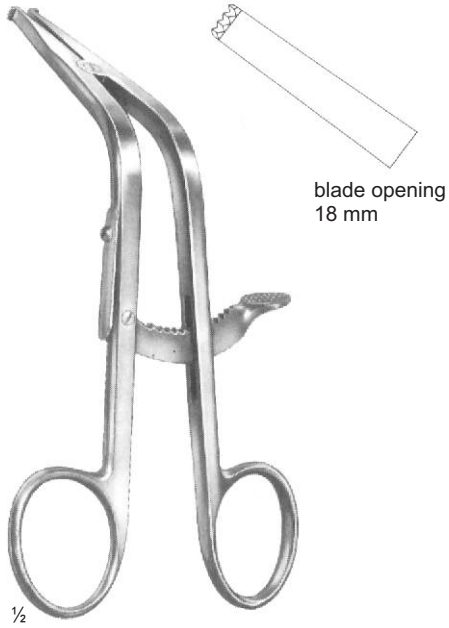
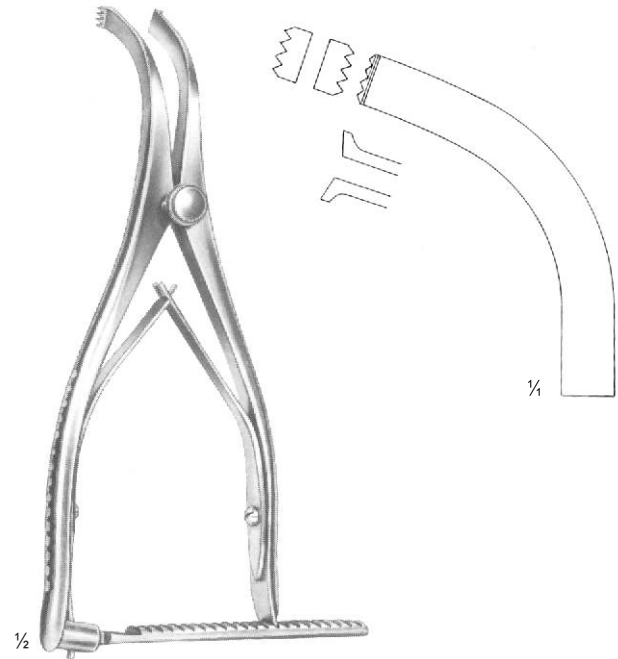


Fig. 2
 18-5355-19

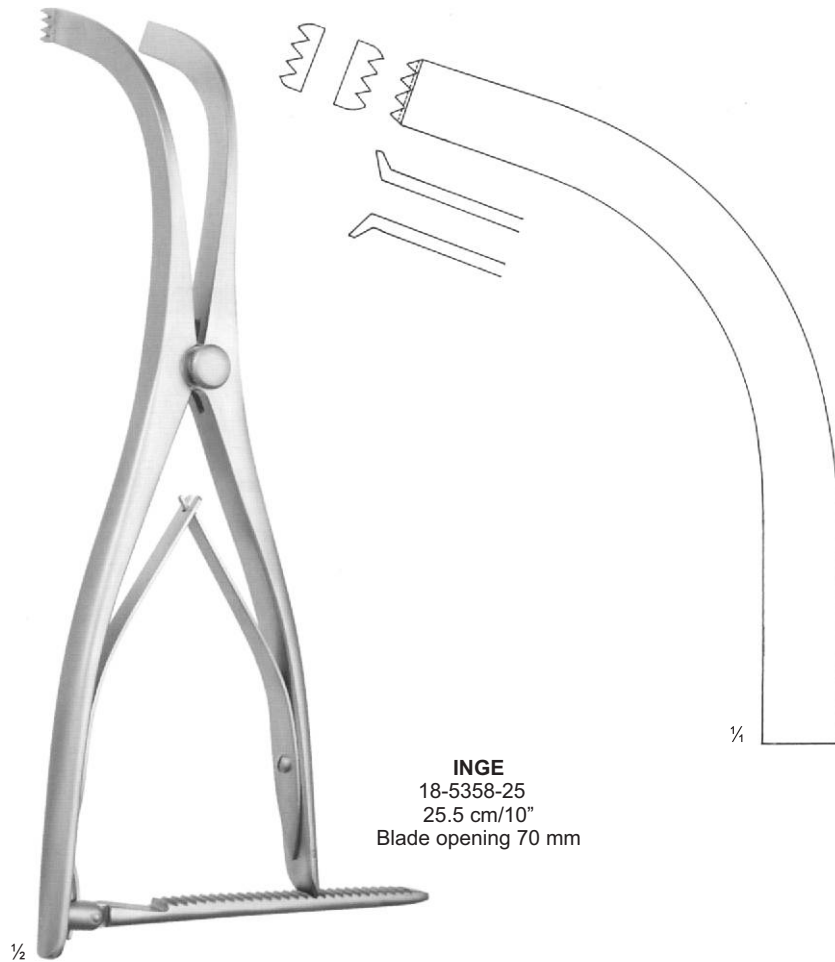




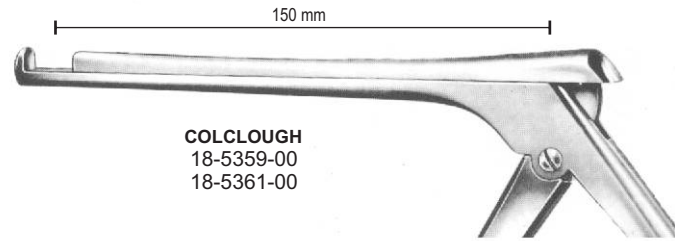
CLOWARD
18-5356-16
16 cm/6 1/4"



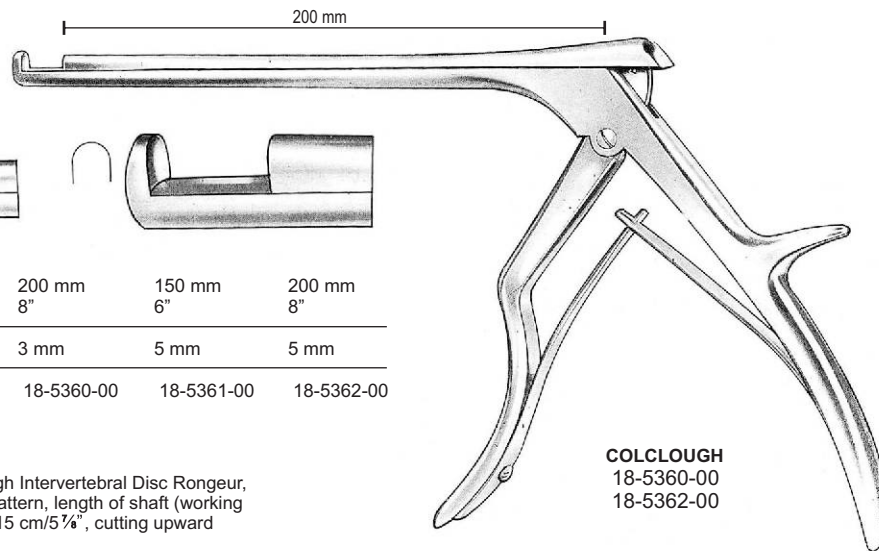
INGE
18-5357-16
16.5 cm/6 1/2"
Blade opening 35 mm



INGE
18-5358-25
25.5 cm/10"
Blade opening 70 mm



COLCLOUGH
 18-5359-00
 18-5361-00



COLCLOUGH
 18-5360-00
 18-5362-00

Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of te	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	18-5359-00	18-5360-00	18-5361-00	18-5362-00

18-5359-00 - 18-5361-00

Colclough Intervertebral Disc Rongeur, heavy pattern, length of shaft (working length) 15 cm/5 7/8", cutting upward desired.

18-5360-00 - 18-5362-00

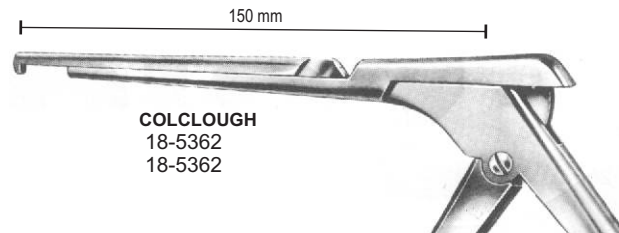
ditto, length of shaft (working length) 20 cm/7 7/8"

18-5362-00 - 18-5363-00

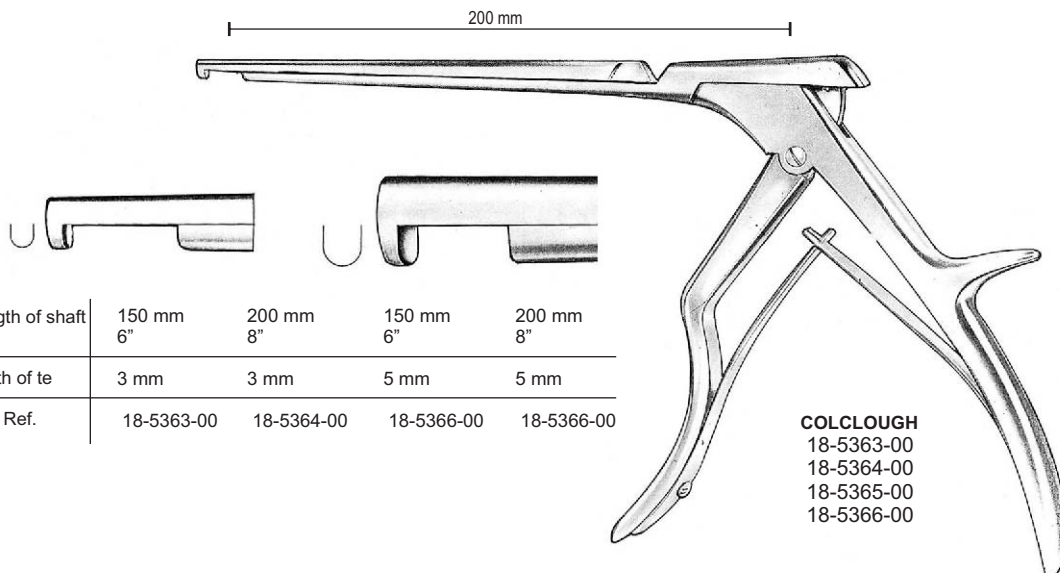
ditto, length of shaft (working length) 15 cm/5 7/8", cutting downward

18-5362-00 - 18-5362-00

ditto, length of shaft (working length) 20 cm/7 7/8"



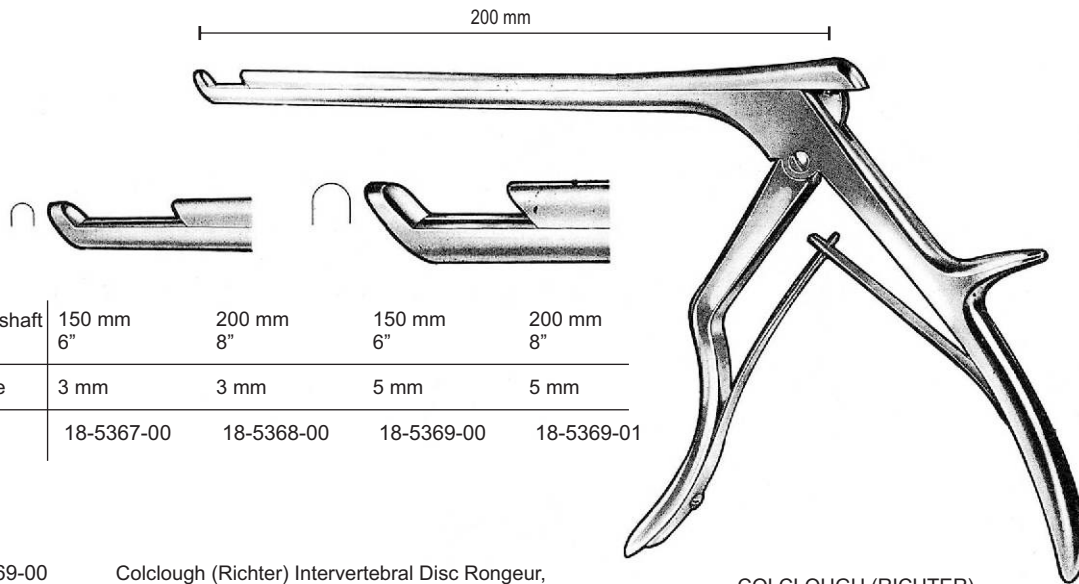
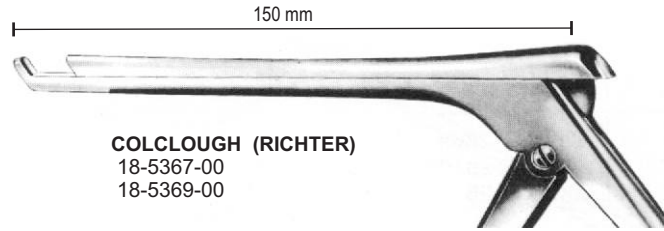
COLCLOUGH
 18-5362
 18-5362



Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of te	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	18-5363-00	18-5364-00	18-5366-00	18-5366-00

COLCLOUGH
 18-5363-00
 18-5364-00
 18-5365-00
 18-5366-00





Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of te	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	18-5367-00	18-5368-00	18-5369-00	18-5369-01

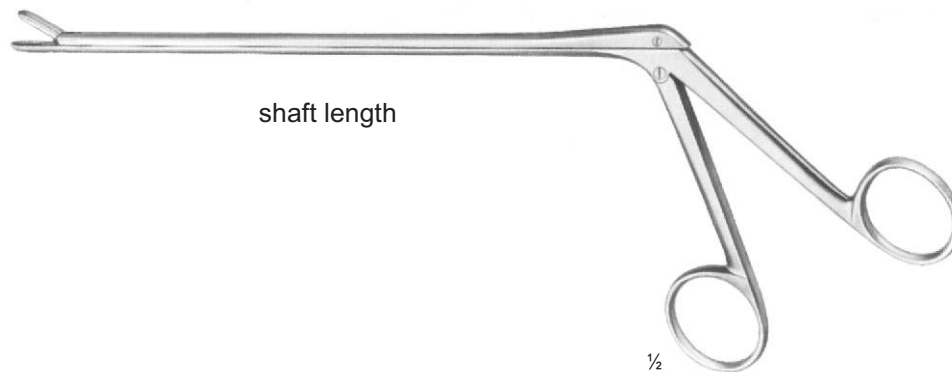
18-5367-00 - 18-5369-00

Colclough (Richter) Intervertebral Disc Rongeur, heavy pattern, length of shaft (working length) 15 cm/6", cutting 40° forward

COLCLOUGH (RICHTER)
18-5368-00
18-5369-01

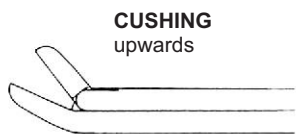
18-5368-00 - 18-5369-01

ditto, length of shaft (working length) 20 cm/7 7/8"



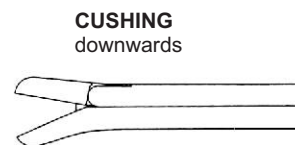
CUSHING
 straight

18-5370-12 120 mm
 18-5370-15 150 mm
 18-5370-18 180 mm



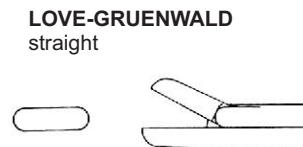
CUSHING
 upwards

18-5371-12 120 mm
 18-5371-15 150 mm
 18-5371-18 180 mm



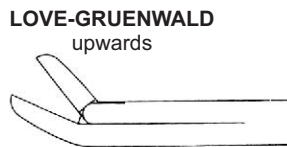
CUSHING
 downwards

18-5372-12 120 mm
 18-5372-15 150 mm
 18-5372-18 180 mm



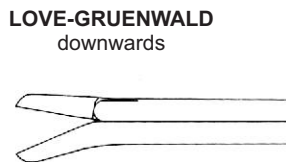
LOVE-GRUENWALD
 straight

18-5373-12 120 mm
 18-5373-15 150 mm
 18-5373-18 180 mm



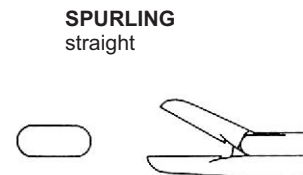
LOVE-GRUENWALD
 upwards

18-5374-12 120 mm
 18-5374-15 150 mm
 18-5374-18 180 mm



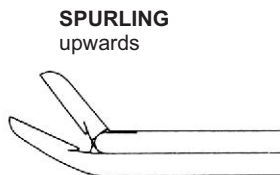
LOVE-GRUENWALD
 downwards

18-5375-12 120 mm
 18-5375-15 150 mm
 18-5375-18 180 mm



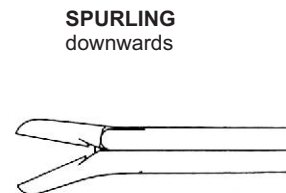
SPURLING
 straight

18-5376-12 120 mm
 18-5376-15 150 mm
 18-5376-18 180 mm



SPURLING
 upwards

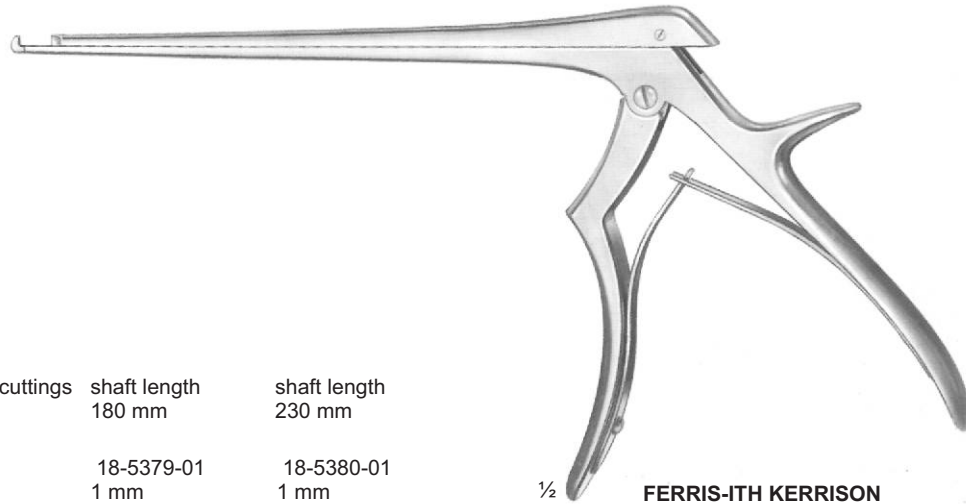
18-5377-12 120 mm
 18-5377-15 150 mm
 18-5377-18 180 mm



SPURLING
 downwards

18-5378-12 120 mm
 18-5378-15 150 mm
 18-5378-18 180 mm





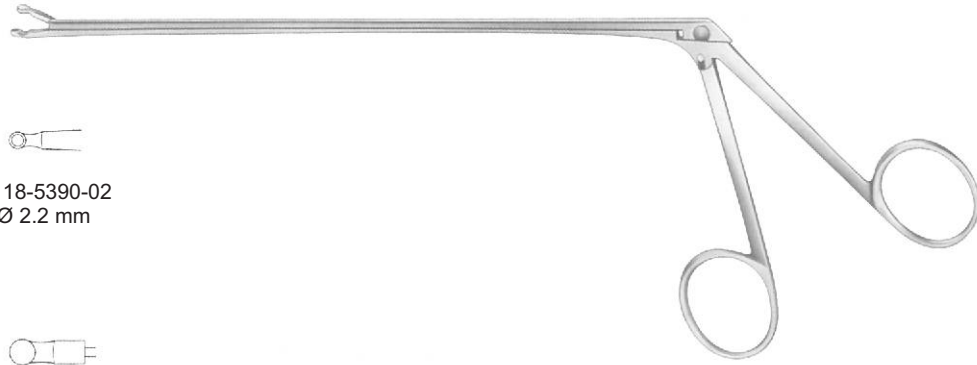
upwards cuttings		shaft length 180 mm	shaft length 230 mm			
		18-5379-01 1 mm	18-5380-01 1 mm			
		18-5379-02 2 mm	18-5380-02 2 mm			
		18-5379-03 3 mm	18-5380-03 3 mm			
		18-5379-04 4 mm	18-5380-04 4 mm			
		18-5379-05 5 mm	18-5380-05 5 mm			
		18-5379-06 6 mm	18-5380-06 6 mm			
				downwards cuttings	shaft length 180 mm	
					18-5383-03 3 mm	
downwards cuttings		shaft length 180 mm	shaft length 230 mm	upwards cuttings	shaft length 180 mm	shaft length 230 mm
		18-5381-01 1 mm	18-5382-01 1 mm		18-5384-01 1 mm	18-5385-01 1 mm
		18-5381-02 2 mm	18-5382-02 2 mm		18-5384-02 2 mm	18-5385-02 2 mm
		18-5383-03 3 mm	18-5382-03 3 mm		18-5384-03 3 mm	18-5385-03 3 mm
		18-5383-04 4 mm	18-5382-04 4 mm		18-5384-04 4 mm	18-5385-04 4 mm
		18-5383-05 5 mm	18-5382-05 5 mm		18-5384-05 5 mm	18-5385-05 5 mm
		18-5383-06 6 mm	18-5382-06 6 mm		18-5384-06 6 mm	18-5385-06 6 mm



FERRIS-ITH KERRISON

upwards cuttings	shaft length 180 mm	shaft length 230 mm	upwards cuttings	shaft length 180 mm	shaft length 230 mm
	18-5386-1 1 mm	18-5387-1 1 mm		18-5388-1 1 mm	18-5389-1 1 mm
	18-5386-2 2 mm	18-5387-2 2 mm		18-5388-2 2 mm	18-5389-2 2 mm
	18-5386-3 3 mm	18-5387-3 3 mm		18-5388-3 3 mm	18-5389-3 3 mm
	18-5386-4 4 mm	18-5387-4 4 mm		18-5388-4 4 mm	18-5389-4 4 mm
	18-5386-5 5 mm	18-5387-5 5 mm		18-5388-5 5 mm	18-5389-5 5 mm
	18-5386-6 6 mm	18-5387-6 6 mm		18-5388-6 6 mm	18-5389-6 6 mm



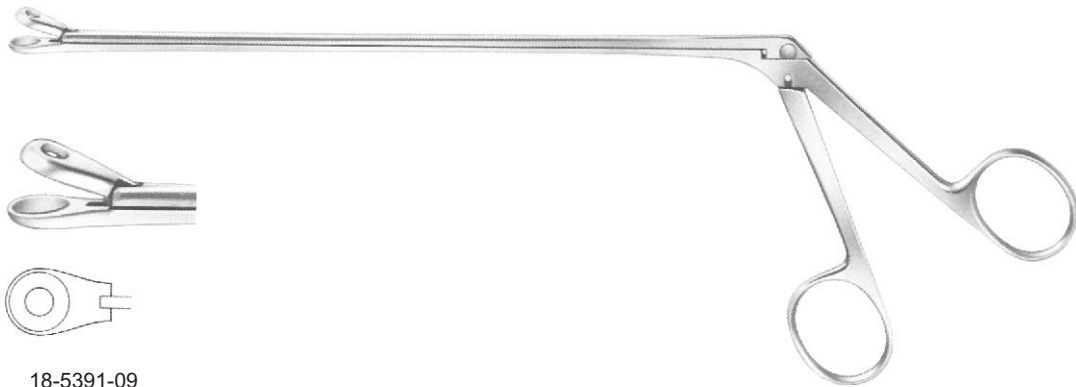


18-5390-02
Ø 2.2 mm



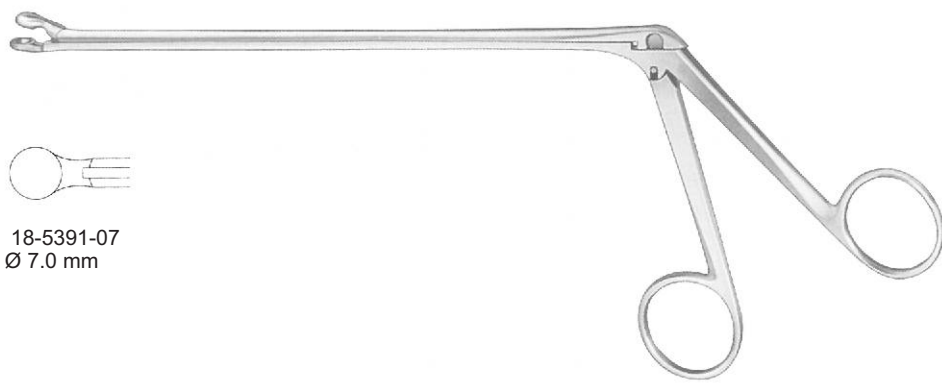
18-5390-03
Ø 3.5 mm

YASARGIL



18-5391-09
Ø 9.0 mm

LANDOLT
Tumor grasping forceps, blunt



18-5391-07
Ø 7.0 mm

OLDBERG