

*Bringing Reliability, Innovation and
Value to Healthcare*

Elixir Surgical is one of the most dedicated medical instruments manufacturing company; we continue our commitment to advancing surgical performance with our world class service, support, education and peer communities.

Elixir Surgical is much more than a supplier of high precision instruments; a partner who listens carefully and contributes ideas, who understands the customers needs and provides them on a high level so that they can perform at their best level.

Spinal Surgery Instruments

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LAMINECTOMY PUNCH

Kerrison Laminectomy Punch

- 90° UPWARD Jaw angle

90° UPWARD JAW		
18cm/7" Shaft	20cm/8" Shaft	Bite Size
PSKU 9071	FSKU 9081	1mm
PSKU 9072	FSKU 9082	2mm
PSKU 9073	FSKU 9083	3mm
PSKU 9074	FSKU 9084	4mm
PSKU 9075	FSKU 9085	5mm
PSKU 9076	FSKU 9086	6mm

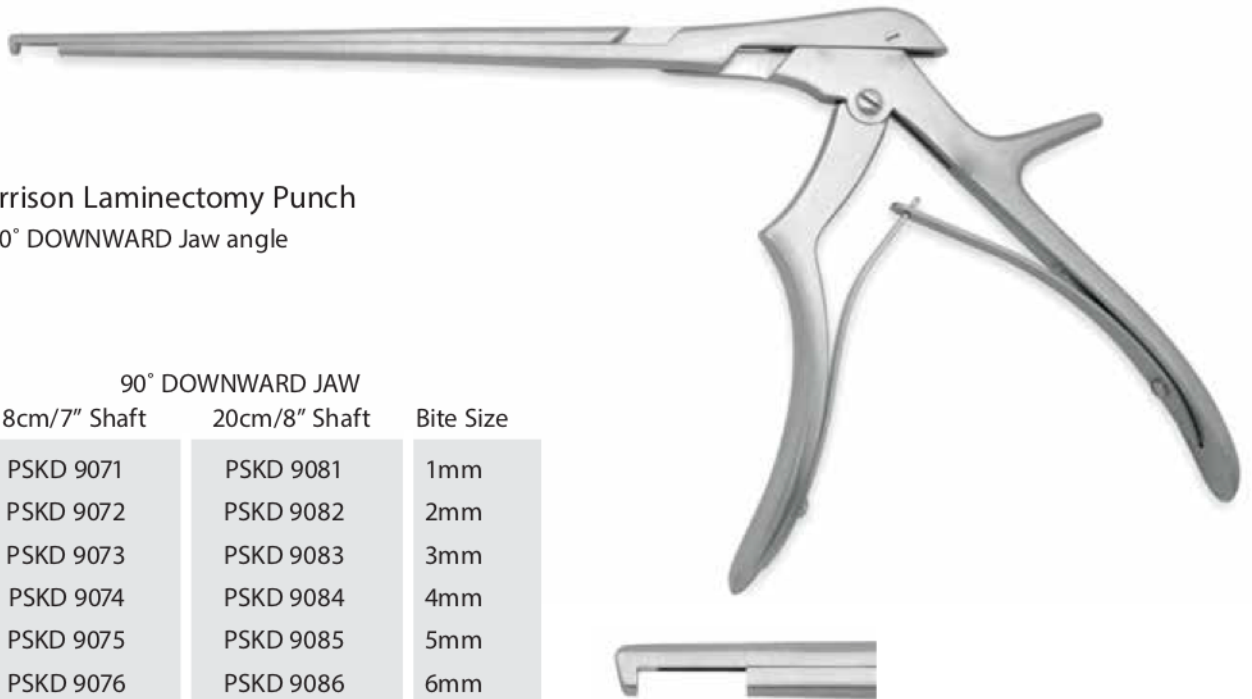


90° UPWARD

Kerrison Laminectomy Punch

- 90° DOWNWARD Jaw angle

90° DOWNWARD JAW		
18cm/7" Shaft	20cm/8" Shaft	Bite Size
PSKD 9071	PSKD 9081	1mm
PSKD 9072	PSKD 9082	2mm
PSKD 9073	PSKD 9083	3mm
PSKD 9074	PSKD 9084	4mm
PSKD 9075	PSKD 9085	5mm
PSKD 9076	PSKD 9086	6mm



90° DOWNWARD

LAMINECTOMY PUNCH

'Black Line' Kerrison Laminectomy Punch

- 40° UPWARD Jaw angle
- With special Titanium coating on surface
- Bone ejector



40° UPWARD JAW			
18cm/7" Shaft	20cm/8" Shaft	23cm/9" Shaft	Bite Size
PSKF 4071 Ti	PSKF 4081 Ti	PSKF 4091 Ti	1mm
PSKF 4072 ETi	PSKF 4082 ETi	PSKF 4092 ETi	2mm
PSKF 4073 ETi	PSKF 4083 ETi	PSKF 4093 ETi	3mm
PSKF 4074 ETi	PSKF 4084 ETi	PSKF 4094 ETi	4mm
PSKF 4075 ETi	PSKF 4085 ETi	PSKF 4095 ETi	5mm
PSKF 4076 ETi	PSKF 4086 ETi	PSKF 4096 ETi	6mm



40° UPWARD

Kerrison Laminectomy Punch with Bone Ejector

- 40° UPWARD Jaw angle
- Bone ejector

40° UPWARD JAW			
18cm/7" Shaft	20cm/8" Shaft	23cm/9" Shaft	Bite Size
PSKF 4071	PSKF 4081	PSKF 4091	1mm
PSKF 4072E	PSKF 4082E	PSKF 4092E	2mm
PSKF 4073E	PSKF 4083E	PSKF 4093E	3mm
PSKF 4074E	PSKF 4084E	PSKF 4094E	4mm
PSKF 4075E	PSKF 4085E	PSKF 4095E	5mm
PSKF 4076E	PSKF 4086E	PSKF 4096E	6mm



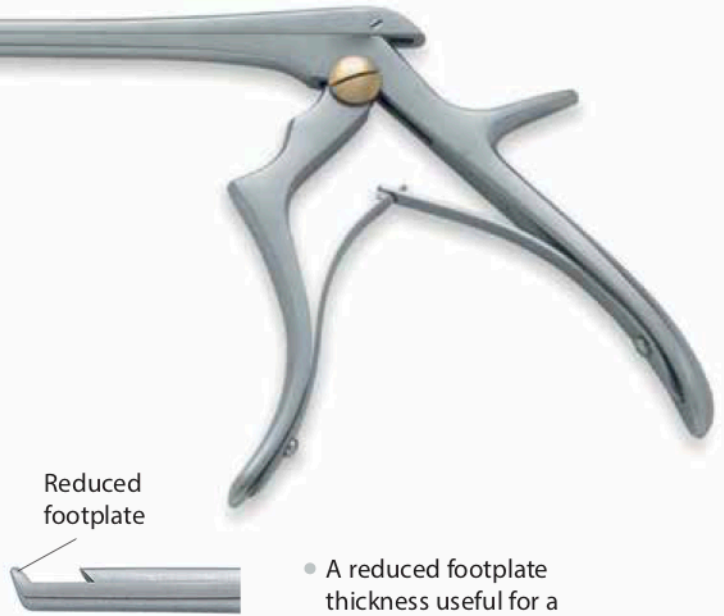
40° UPWARD

LAMINECTOMY PUNCH

Thin Footplate Kerrison Laminectomy Punch

- 40° UPWARD Jaw angle
- Thin footplate for Cervical surgery

40° UPWARD JAW		Bite Size
18cm/7" Shaft	20cm/8" Shaft	
PSKF 4072T	FSKF 4082T	2mm
PSKF 4073T	FSKF 4083T	3mm
PSKF 4074T	FSKF 4084T	4mm
PSKF 4075T	FSKF 4085T	5mm
PSKF 4076T	FSKF 4086T	6mm



- A reduced footplate thickness useful for a restricted operating area

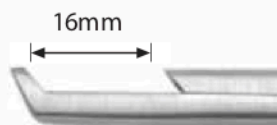
40° UPWARD

Wide Opening Kerrison Laminectomy Punch

- 40° UPWARD Jaw angle
- 16mm Wide opening jaw

40° UPWARD JAW		Bite Size
20cm/8" Shaft		
PSKW 4082		2mm
PSKW 4083		3mm
PSKW 4084		4mm
PSKW 4085		5mm
PSKW 4086		6mm

- Wide opening jaws allowing the surgeon to envelope more bone



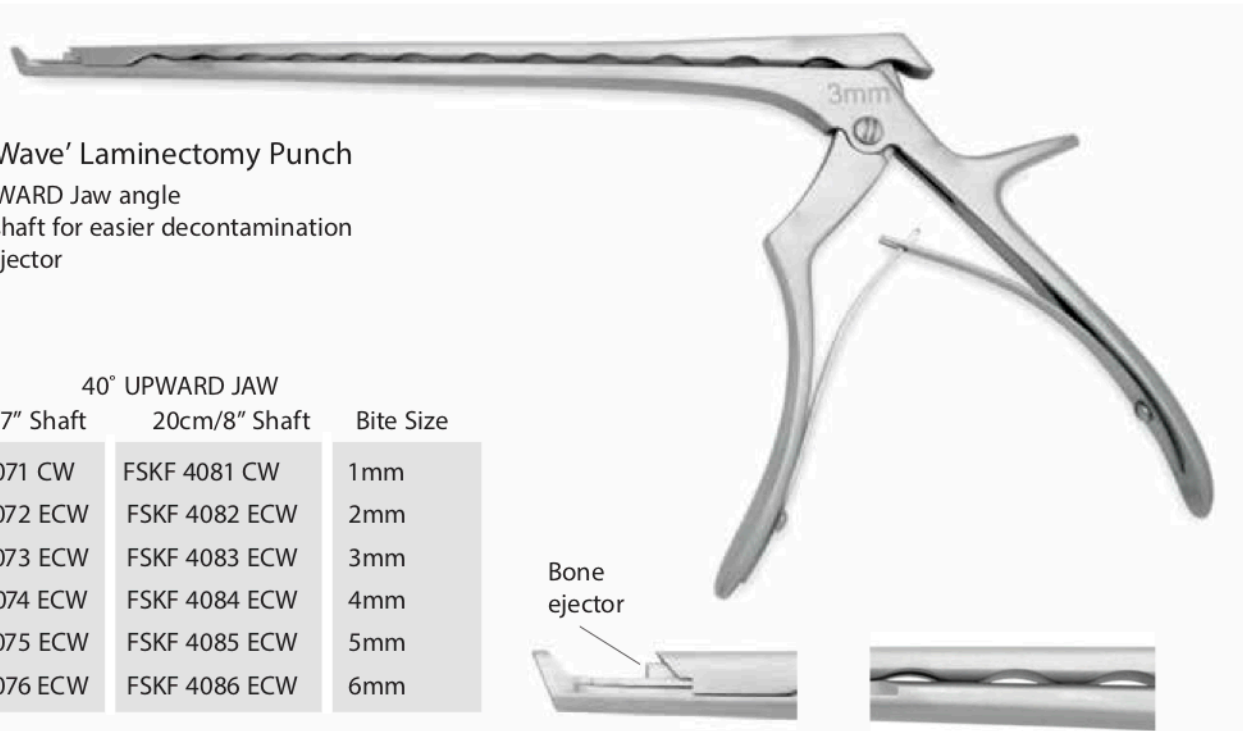
40° UPWARD

LAMINECTOMY PUNCH

'Clean Wave' Laminectomy Punch

- 40° UPWARD Jaw angle
- Open shaft for easier decontamination
- Bone ejector

40° UPWARD JAW		Bite Size
18cm/7" Shaft	20cm/8" Shaft	
PSKF 4071 CW	FSKF 4081 CW	1mm
PSKF 4072 ECW	FSKF 4082 ECW	2mm
PSKF 4073 ECW	FSKF 4083 ECW	3mm
PSKF 4074 ECW	FSKF 4084 ECW	4mm
PSKF 4075 ECW	FSKF 4085 ECW	5mm
PSKF 4076 ECW	FSKF 4086 ECW	6mm



Bone ejector

40° UPWARD

- Open design of shaft allows cleaning of shaft

Love Kerrison Punch

- 40° UPWARD Jaw angle
- Oversize handle

40° UPWARD JAW	
20cm/8" Shaft	Bite Size
PSKF 4082	2mm
PSKF 4083	3mm
PSKF 4084	4mm
PSKF 4085	5mm



40° UPWARD

LAMINECTOMY PUNCH



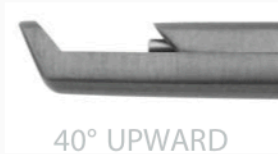
Long Anterior Kerrison Laminectomy Punch

- 40° UPWARD Jaw angle
- With special Titanium coating on surface
- Extra long shaft for Thoracic approach
- Bone ejector

40° UPWARD JAW

28cm/11" Shaft Bite Size

PSKF 4002ETi	2mm
PSKF 4003ETi	3mm
PSKF 4004ETi	4mm
PSKF 4005ETi	5mm
PSKF 4006ETi	6mm



40° UPWARD



Curved Foramenotomy Punch

- 40° UPWARD Jaw angle
- Curved shaft designed to improve access to the Foramen

20cm/8" Shaft Bite Size

PSKC 4082	2mm
PSKC 4083	3mm
PSKC 4084	4mm



LAMINECTOMY PUNCH



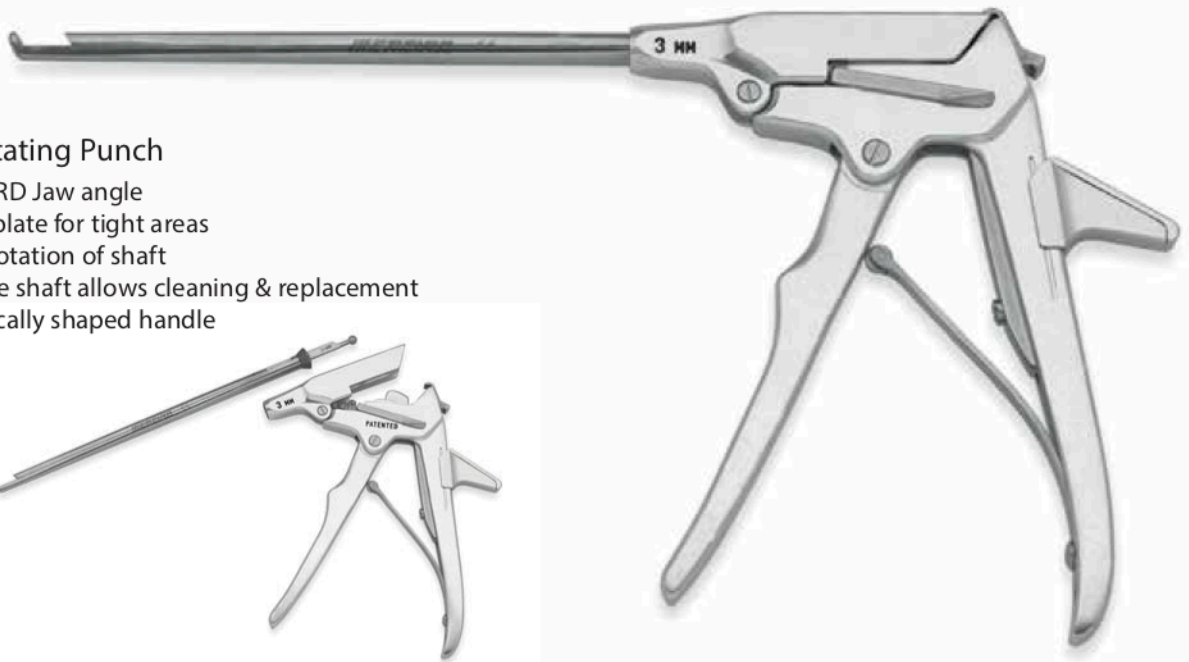
Ferris-Smith Kerrison Laminectomy Punch

- 40° UPWARD Jaw angle
- Modified ring handle

40° UPWARD JAW

18cm/7" Shaft	20cm/8" Shaft	Bite Size
PSKR 4072	FSKR 4082	2mm
PSKR 4073	FSKR 4083	3mm
PSKR 4074	FSKR 4084	4mm
PSKR 4075	FSKR 4085	5mm
PSKR 4076	FSKR 4086	6mm

40° UPWARD



Osteo-Rotating Punch

- 40° UPWARD Jaw angle
- Thin foot plate for tight areas
- Full 360° rotation of shaft
- Removable shaft allows cleaning & replacement
- Ergonomically shaped handle

40° UPWARD JAW

18cm/7" Shaft	21cm/8 1/4" Shaft	Bite Size
PS7375 - 40	SP7376 - 40	0.6mm
PS7375 - 41	SP7376 - 41	1mm
PS7375 - 42	SP7376 - 42	2mm
PS7375 - 43	SP7376 - 43	3mm
PS7375 - 44	SP7376 - 44	4mm

DISC RONGEURS

Intervertebral Disc Rongeur



STRAIGHT JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-S	K7-S	K8-S	1.5mm
C6-S	C7-S	C8-S	2mm
LG6-S	LG7-S	LG8-S	3mm
S6-S	S7-S	S8-S	4mm
R6-S	R7-S	R8-S	5mm
P6-S	P7-S	P8-S	6mm
Q6-S	Q7-S	Q8-S	7mm

Intervertebral Disc Rongeur



40° ANGLED UPWARD JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-U	K7-U	K8-U	1.5mm
C6-U	C7-U	C8-U	2mm
LG6-U	LG7-U	LG8-U	3mm
S6-U	S7-U	S8-U	4mm
R6-U	R7-U	R8-U	5mm
P6-U	P7-U	P8-U	6mm
Q6-U	Q7-U	Q8-U	7mm

Intervertebral Disc Rongeur



40° ANGLED DOWNWARD JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-D	K7-D	K8-D	1.5mm
C6-D	C7-D	C8-D	2mm
LG6-D	LG7-D	LG8-D	3mm
S6-D	S7-D	S8-D	4mm
R6-D	R7-D	R8-D	5mm
P6-D	P7-D	P8-D	6mm
Q6-D	Q7-D	Q8-D	7mm

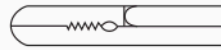
DISC RONGEURS

Caspar Toothed Disc Rongeur

- Serrated and fenestrated jaws

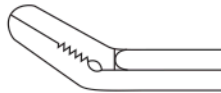
STRAIGHT JAW

16cm/6 1/4" Shaft	18cm/7" Shaft	Bite Size
PS1502-16	PS1502-18	2mm
PS1503-16	PS1503-18	3mm
PS1504-16	PS1504-18	4mm
PS1505-16	PS1505-18	5mm



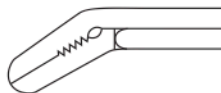
UPWARD JAW

16cm/6 1/4" Shaft	18cm/7" Shaft	Bite Size
PS1602-16	PS1602-18	2mm
PS1603-16	PS1603-18	3mm
PS1604-16	PS1604-18	4mm
PS1605-16	PS1605-18	5mm



DOWNWARD JAW

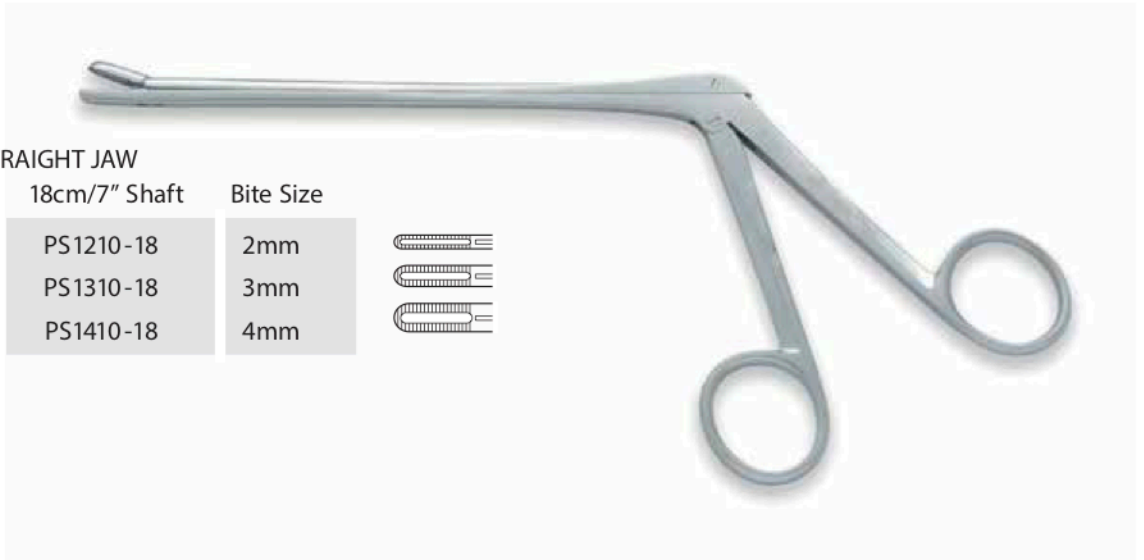
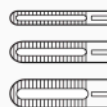
16cm/6 1/4" Shaft	18cm/7" Shaft	Bite Size
PS1702-16	PS1702-18	2mm
PS1703-16	PS1703-18	3mm
PS1704-16	PS1704-18	4mm
PS1705-16	PS1705-18	5mm



Schlesinger Toothed Rongeur

STRAIGHT JAW

15cm/6" Shaft	18cm/7" Shaft	Bite Size
PS1210-15	PS1210-18	2mm
PS1310-15	PS1310-18	3mm
PS1410-15	PS1410-18	4mm



DISC RONGEURS

Williams Discectomy Rongeur

14cm/5 1/2" Shaft

PS1110-14

Longer pattern
23cm/9" Shaft

PS1110-23



'Pea Pod' Disc Rongeur

• Short 10mm length jaw

15cm/6" Bite Size

PS1510-15 2mm

PS1610-15 3mm

PS1710-15 4mm

13cm/5 1/4" Bite Size

PS1510-13 2mm

Extra fine pattern 5mm length jaws



Beck Disc Rongeur

• 13cm/5 1/4" Shaft
• 2mm bite size

PS1910-13



DISC RONGEURS

Munich Grasping Forceps

- 18cm/7" Shaft length
- 1x2 teeth
- Straight jaw

PS1224-18



Toothed Serrated Jaw

Decker Ronguer

- 15cm/6" working length
- Straight 6mm jaw

PS1223-15

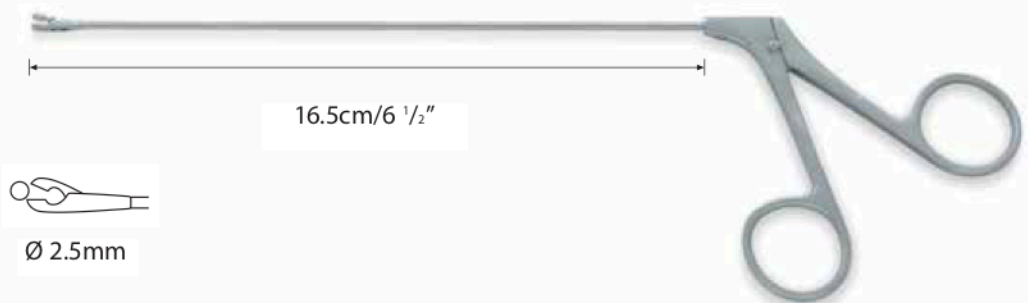


1.5mm Jaw

Nicola Micro Cupped Biopsy Forceps

- 16.5cm/6 1/2" Shaft

PS1222-16



16.5cm/6 1/2"

Ø 2.5mm

DISC RONGEURS

'Clean Wave' Intervertebral Disc Rongeur



STRAIGHT JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-SCW	K7-SCW	K8-SCW	1.5mm
C6-SCW	C7-SCW	C8-SCW	2mm
LG6-SCW	LG7-SCW	LG8-SCW	3mm
S6-SCW	S7-SCW	S8-SCW	4mm
R6-SCW	R7-SCW	R8-SCW	5mm
P6-SCW	P7-SCW	P8-SCW	6mm
Q6-SCW	Q7-SCW	Q8-SCW	7mm



- Open design of shaft allows cleaning of shaft

40° ANGLED UPWARD JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-UCW	K7-UCW	K8-UCW	1.5mm
C6-UCW	C7-UCW	C8-UCW	2mm
LG6-UCW	LG7-UCW	LG8-UCW	3mm
S6-UCW	S7-UCW	S8-UCW	4mm
R6-UCW	R7-UCW	R8-UCW	5mm
P6-UCW	P7-UCW	P8-UCW	6mm
Q6-UCW	Q7-UCW	Q8-UCW	7mm

40° ANGLED DOWNWARD JAW

15cm/6" Shaft	18cm/7" Shaft	20cm/8" Shaft	Bite Size
K6-DCW	K7-DCW	K8-DCW	1.5mm
C6-DCW	C7-DCW	C8-DCW	2mm
LG6-DCW	LG7-DCW	LG8-DCW	3mm
S6-DCW	S7-DCW	S8-DCW	4mm
R6-DCW	R7-DCW	R8-DCW	5mm
P6-DCW	P7-DCW	P8-DCW	6mm
Q6-DCW	Q7-DCW	Q8-DCW	7mm

DISC RONGEURS

Ferris-Smith Disc Rongeur

- Ring handle

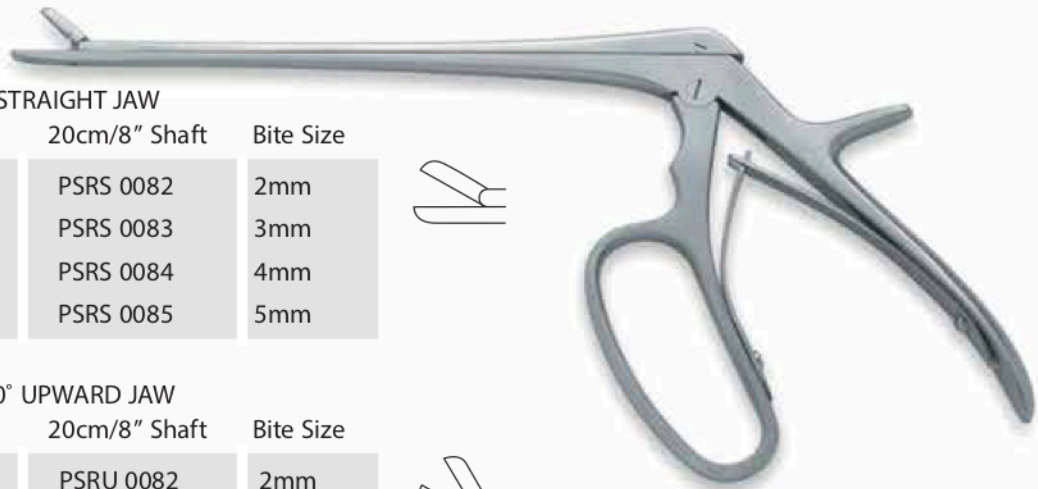
STRAIGHT JAW

18cm/7" Shaft	20cm/8" Shaft	Bite Size
PSRS 0072	PSRS 0082	2mm
PSRS 0073	PSRS 0083	3mm
PSRS 0074	PSRS 0084	4mm
PSRS 0075	PSRS 0085	5mm



40° UPWARD JAW

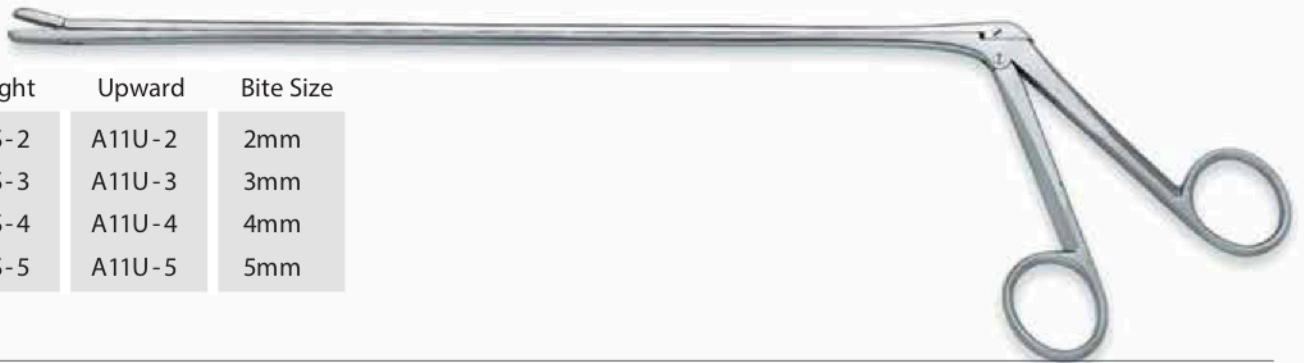
18cm/7" Shaft	20cm/8" Shaft	Bite Size
PSRU 0072	PSRU 0082	2mm
PSRU 0073	PSRU 0083	3mm
PSRU 0074	PSRU 0084	4mm
PSRU 0075	PSRU 0085	5mm



Anterior Disc Rongeur

- 28cm/11" Shaft
- Longer 28cm shaft for greater reach in the Anterior approach

Straight	Upward	Bite Size
A11S-2	A11U-2	2mm
A11S-3	A11U-3	3mm
A11S-4	A11U-4	4mm
A11S-5	A11U-5	5mm



Anterior Long Rongeur

- 35cm/13 1/2" Shaft
- Extra long length shaft for deeper areas

STRAIGHT	UPWARD	Bite Size	
PS7390-52	-	2.4mm	
PS7390-54	PS7390-84	4mm	
PS7390-56	-	6mm	with teeth
PS7390-58	PS7390-88	8mm	with teeth



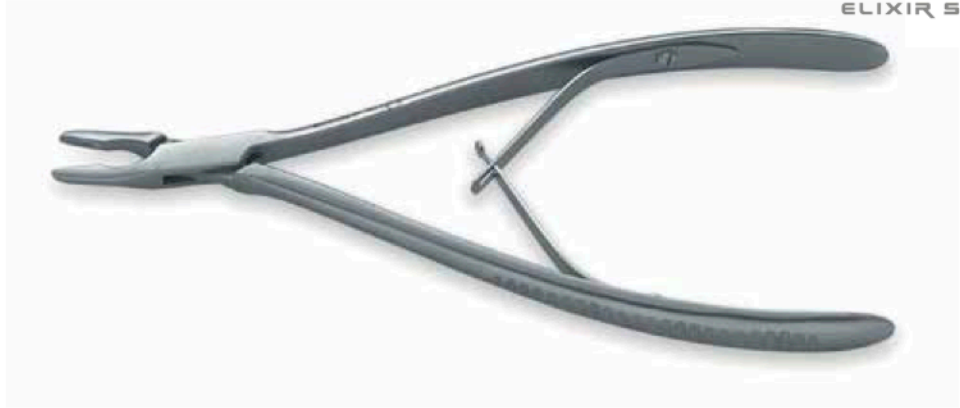
BONE NIBBLERS & CUTTERS

Lempert Bone Nibbler

- Single Action
- 19cm/7 1/2"

3mm Bite

PS1001-19



Luer Bone Nibbler

- Single Action
- 18cm/7"



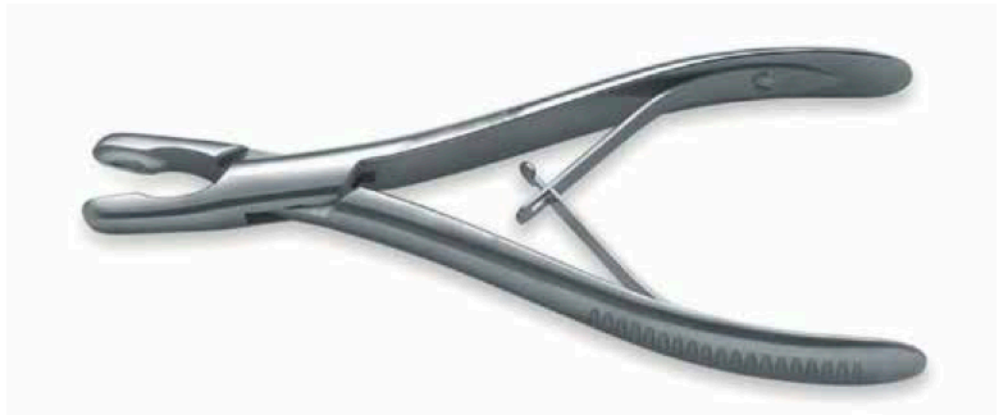
Straight
8mm Bite

PS1004-18



Curved
8mm Bite

PS1005-18



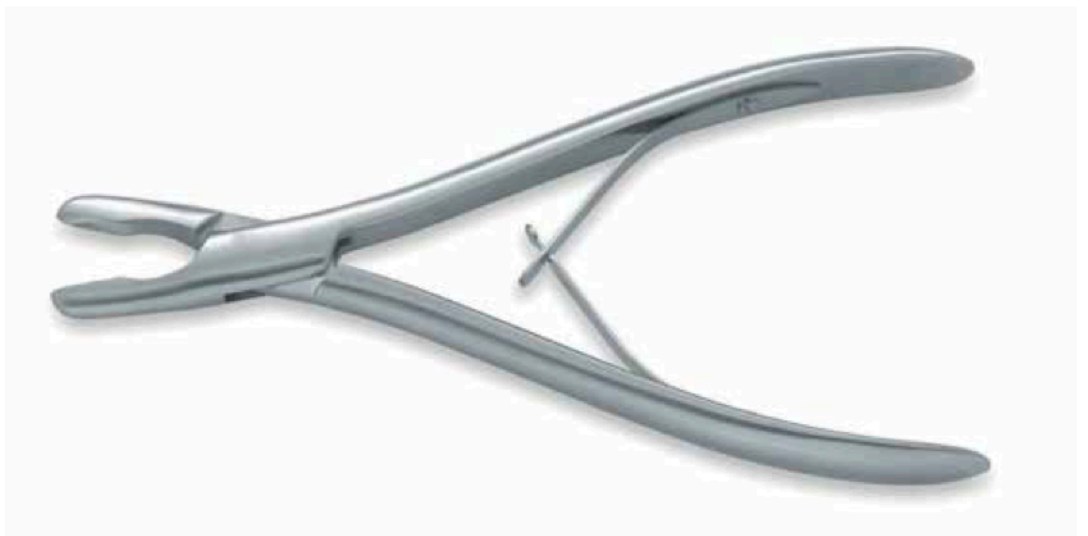
Adsons Bone Nibbler

- Single Action
- 20cm/8"



7mm Bite

PS1040-20



BONE NIBBLERS & CUTTERS

Pennybacker Bone Nibbler

- Single Action
- 20cm/8"



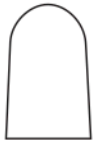
4mm Bite

PS1041-20



Northfields Bone Nibbler

- Single Action
- 20cm/8"



10mm Bite

PS1042-20



'Rat Toothed' Bone Nibbler

- Single Action
- 21cm/8 1/4"

8mm Bite

PS1030-21



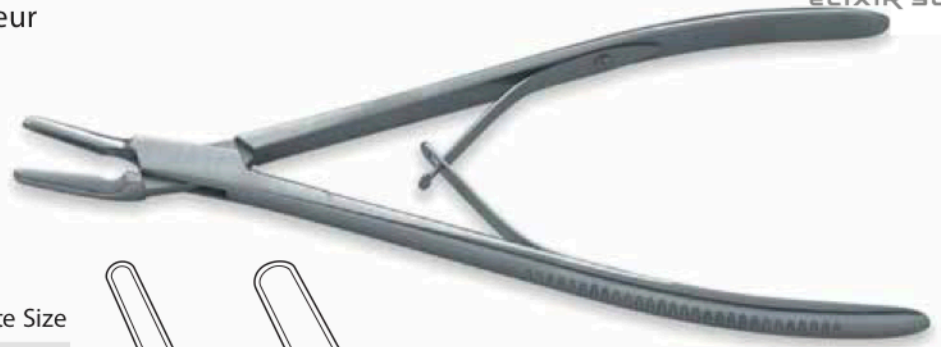
- 3 x 3 Teeth



BONE NIBBLERS & CUTTERS

Zielke Intervertebral Rongeur

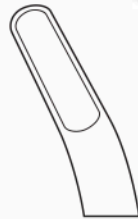
- Angled Parallel Jaws



21cm/8 1/4"	25cm/9 3/4"	Bite Size
PS1026-21	SP1026-25	3mm
PS1027-21	SP1027-25	5mm



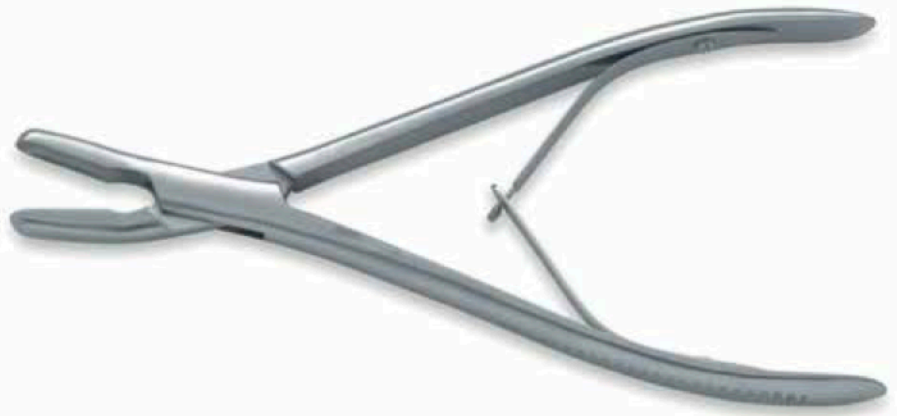
3mm Bite



5mm Bite

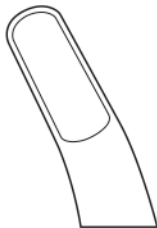
Matzen Intervertebral Rongeur

- 20cm/8"
- Angled Jaws



8mm Bite

PS1043-20



Beyer Bone Nibbler

- Curved Double Action
- 18cm/7"



4mm Bite

PS1002-18



BONE NIBBLERS & CUTTERS

Jansen Bone Nibbler

- Curved Double Action
- 18cm/7"

5mm Bite
PS1003-18



Marquardt Bone Nibbler

- Curved Double Action
- 20cm/8"

3mm Bite
PS1002-20



Smith-Peterson Bone Nibbler

- Double Action
- 24cm/9 1/2"

Straight	Light Curve	Bite Size
PS1010-24	PS1014-24	3mm
PS1011-24	PS1015-24	4mm
PS1012-24	PS1016-24	5mm
PS1013-24	PS1017-24	6mm



Straight

Light Curve



BONE NIBBLERS

Stille-Luer Bone Nibbler

- Double Action
- 22cm/8 3/4"



Straight
10mm Bite
PS1006-22

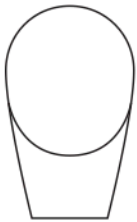


Curved
10mm Bite
PS1007-22



'Mr Blobby' Stille-Luer Bone Nibbler

- Double Action
- 26cm/10 1/4"



Straight
17mm Bite
PS1008-26



Curved
17mm Bite
PS1009-26



Leksell Bone Nibbler

- Double Action Angled
- 24cm/9 1/2"

Angled Jaw	Bite Size
PS1018-24	3mm
PS1019-24	5mm
PS1020-24	8mm



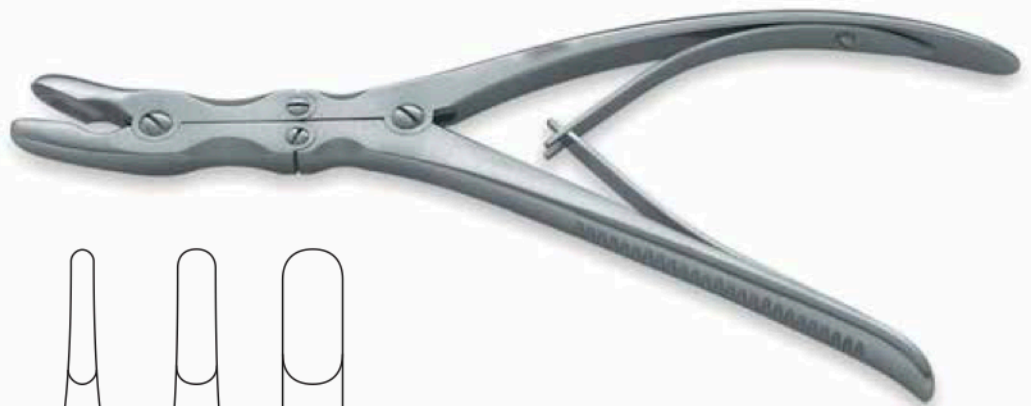
3mm



5mm



8mm



BONE NIBBLERS

Echlin Duckbill Nibbler

- Double Action
- 23cm/9"



2mm Bite

PS1044-23



3mm Bite

PS1045-23



4mm Bite

PS1046-23

Long Anterior Leksell Bone Nibbler

- Double Action
- 30cm/12"



5mm Bite

PS1021-30



8mm Bite

PS1022-30

Sypert Bone Nibbler

- Double Action - very long
- 36cm/14 1/4"



5mm Bite

PS1031-36



8mm Bite

PS1032-36

BONE CUTTERS

McIndoe Bone Cutters

- 18cm/7"



PS1028-18



Stille-Liston Bone Cutters

- 27cm/10 3/4"



Straight

PS1024-27



Angled

PS1025-27



Liston-Key-Horsley Bone Cutters

- 27cm/10 3/4"



PS1023-27



Tudor Edwards/Vehmehren Costotome

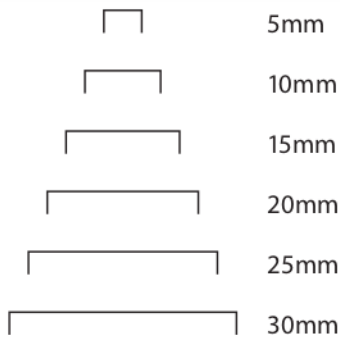
- 24cm/9 1/2"
- For cutting ribs

PS1023-24



OSTEOTOMES

Dahmen Tufnol Handle Osteotome



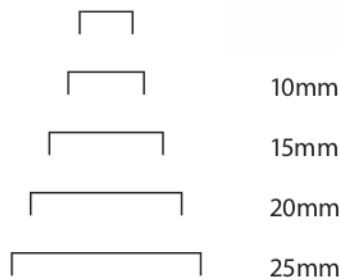
Straight	Width
PS7105-30	5mm
PS7110-30	10mm
PS7115-30	15mm
PS7120-30	20mm
PS7125-30	25mm
PS7130-30	30mm



Angled	Width
PS7305-30	5mm
PS7310-30	10mm
PS7315-30	15mm
PS7320-30	20mm
PS7325-30	25mm
PS7330-30	30mm

Lexer Tufnol Handle Osteotome

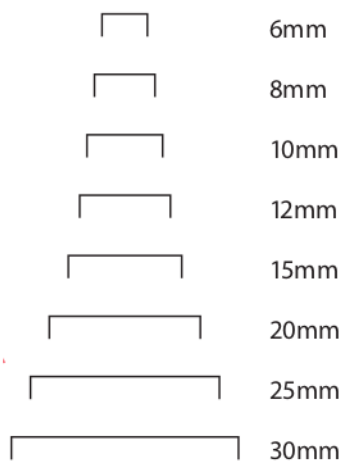
• 22cm/8 3/4"



Width	
PS7207-22	7mm
PS7210-22	10mm
PS7215-22	15mm
PS7220-22	20mm
PS7225-22	25mm

Stille Osteotome

• 20cm/8"



Width	
PS7706-20	6mm
PS7708-20	8mm
PS7710-20	10mm
PS7712-20	12mm
PS7715-20	15mm
PS7720-20	20mm
PS7725-20	25mm
PS7730-20	30mm

OSTEOTOMES & MALLETS

Scaglietti Straight Osteotome Set

PS7452-00

Complete set consisting of:

Qty	Order Code	Description
5		Scaglietti Osteotomes - 5 sizes
1	PS7420-90	Instrument Case



Scaglietti Osteotomes

• 26cm/10 1/4"

Size

PS7452-06	6mm
PS7452-09	9mm
PS7452-12	12mm
PS7452-16	16mm
PS7452-19	19mm



Toffee Mallet

- 19cm/7 1/2"
- Head size 22mm Ø
- Weight 165g/6oz

PS5808-21



London Splint Mallet

- 18cm/7"
- Head size 30mm Ø
- Weight 450g/16.2oz

PS5802-18



MALLETS

Heath Mallet

- 19cm/7 1/2"
- Stainless steel head
- Head size 40mm Ø
- Weight 1020g/36oz

PS5809-19



Mallet with Tufnol Handle

- 23cm/9"
- Head size 35mm Ø
- Weight 550g/20oz

PS5804-23



Ombredanne Mallet

- 24cm/9 1/2"
- Head size 40mm Ø
- Weight 550g/20oz

PS5806-24



Tufnol Mallet

- 25.5cm/10"
- Head size 42mm Ø
- Weight 250g/10oz

PS5807-25



ELEVATORS & GOUGES

Adson Periosteal Elevator

- 16cm/6 1/4"
- Curved blunt



	Width
SP3055-16	5mm
SP3007-16	7mm

Pennybacker Periosteal Elevator

- 16cm/6 1/4"
- Curved sharp




	Width
PS3064-16	4mm
SP3066-16	6mm
SP3068-16	8mm

Bone Raspatory with Tufnol Handle

- 19cm/7 1/2"



Straight	Width	
PS7016-19	6mm	

Curved	Width	
PS7023-19	3mm	
PS7026-19	6mm	

Farabeuf Rugine Elevator

- 15cm/6"



Straight	Width
PS3001-15	12mm

Curved*	Width
PS3002-15	12mm

*illustrated

ELEVATORS & GOUGES

Trethowan Bone Lever

- 22.5cm/8 1/2"



SP3030-22

Lanes Bone Lever

- 26cm/10 1/4"



PS3031-26

Fagge Bone Lever

- 27.5cm/10 3/4"



PS3032-27

Bristows Bone Elevator

- 23cm/9"
- Curved sharp



Width

PS3003-23

10mm

ELEVATORS & GOUGES

Hohmanns Bone Elevator

- 24cm/9 1/4"



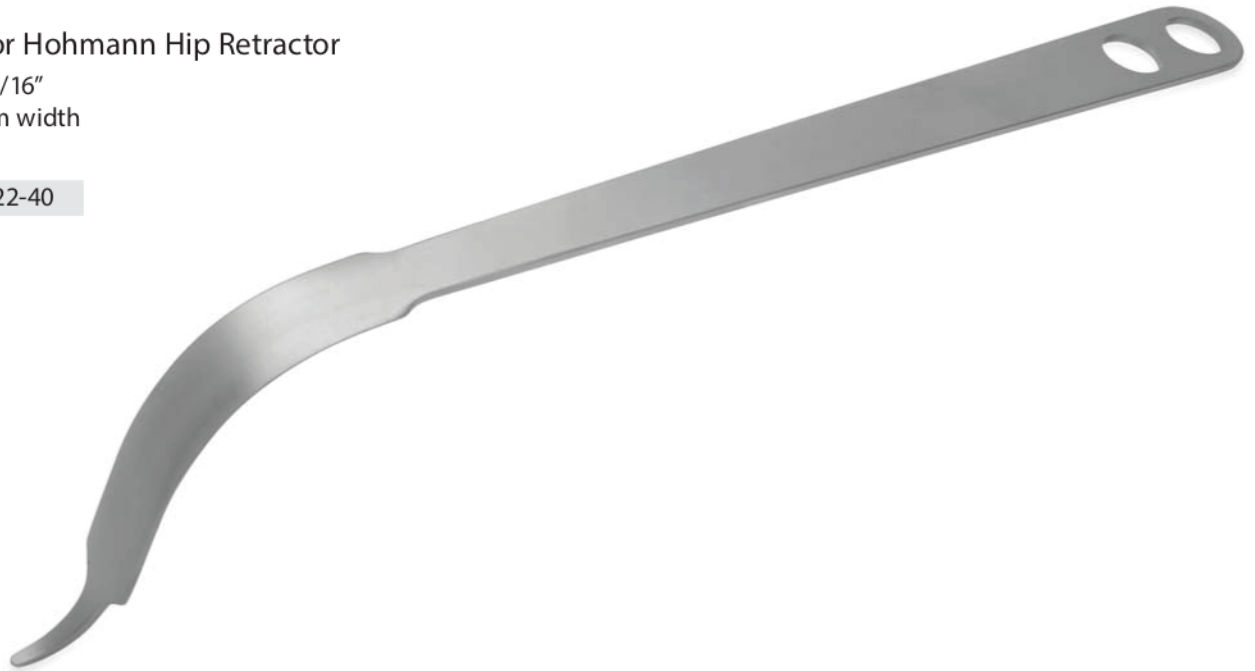
Width

PS3008-22	8mm
PS3018-24	18mm
PS3043-24	43mm

Inferior Hohmann Hip Retractor

- 40cm/16"
- 22mm width

PS3022-40



Zielke Gouge

- 23cm/9"

*illustrated



Curved*

PS6520-23	6mm
PS6521-23	9mm

S-Shaped

PS6522-23	6mm
PS6523-23	9mm



Capener Lamina Gouge

- 23cm/9"
- Cranked Shaft

Width

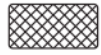
PS6506-23	6mm
PS6508-23	8mm
PS6511-23	11mm
PS6516-23	16mm



BONE GRAFT IMPACTORS

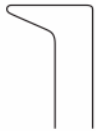
Cervical Bone Graft Impactor 90° Offset

• 22cm/8 1/2"



6mm x 12mm Tip

PS7222-10



3.5mm x 6mm Tip

PS7222-55

18cm length



Lumbar Bone Graft Impactor

• 22cm/8 1/2"



7mm x 12mm

PS7222-40



10mm x 13mm

PS7222-50



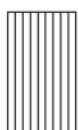
Anterior Bone Graft Impactor

• 34cm/13 1/2"



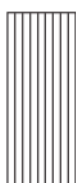
9 x 16mm Tip

PS7439-48



9 x 23mm Tip

PS7439-50



COBB ELEVATORS

Cobb Spinal Elevator

- 31cm/12 1/4" overall length
- 18cm/7" handle length



10mm

PS7561-10



13mm

PS7561-13



19mm

PS7561-19



Harrington Cobb Spinal Elevator

- 30.5cm/12" overall length



10mm

PS7661-10



13mm

PS7661-13



19mm

PS7661-19



Cobb Spinal Elevator Extra Long Handle

- 34cm/13 1/2" overall length
- 22cm/8 3/4" handle length



10mm

PS7662-10



15mm

PS7662-15



20mm

PS7662-20



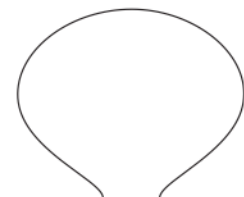
25mm

PS7662-25



30mm

PS7662-30



COBB ELEVATORS

Comfort Cobb Elevator

- 32cm/12 1/2" overall length
- 20cm/8" handle length



10mm

PS7551-10



15mm

PS7551-15



20mm

PS7551-20



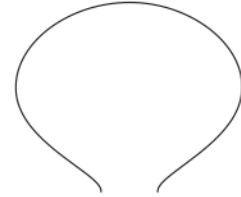
25mm

PS7551-25



30mm

PS7551-30



Long Anterior Comfort Cobb Elevator

- 47cm/18 1/2"



10mm

PS7551-50



15mm

PS7551-55



20mm

PS7551-60



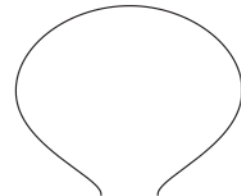
25mm

PS7551-65



30mm

PS7551-70



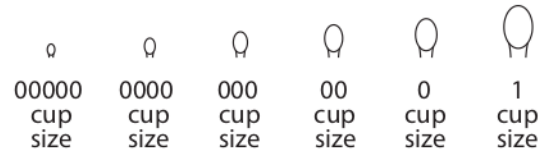
SPINAL CURETTES

Lempert Curette

• 21cm/8 1/4"



Straight	Cup Size	Angled	Cup Size
PS8010-21	00000	SP8110-21	00000
PS8015-21	0000	SP8115-21	0000
PS8020-21	000	SP8120-21	000
PS8025-21	00	SP8125-21	00
PS8030-21	0	SP8130-21	0
PS8040-21	1	SP8140-21	1

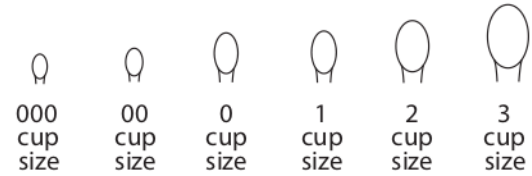


Bruns Curette

• 23cm/9"



Straight	Cup Size	Angled	Cup Size
PS8220-23	000	SP8320-23	000
PS8225-23	00	SP8325-23	00
PS8230-23	0	SP8330-23	0
PS8240-23	1	SP8340-23	1
PS8250-23	2	SP8350-23	2
PS8260-23	3	SP8360-23	3



Tufnol Handle Micro Curette

• 27cm/10"



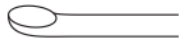
Straight	Cup Size	Angled	Cup Size
PS8010-27	0000	SP8110-27	0000
PS8020-27	000	SP8120-27	000
PS8030-27	00	SP8130-27	00
PS8040-27	0	SP8140-27	0
PS8050-27	1	SP8150-27	1



SPINAL CURETTES

Double Handled Extra Large Curette

- 38cm/15" overall length
- 21cm/8 3/4" handle length



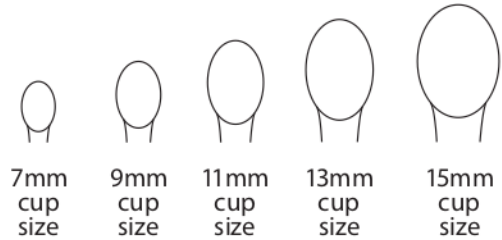
Straight Cup Size

PS8807-34	7mm
PS8809-34	9mm
PS8811-34	11mm
PS8813-34	13mm
PS8815-34	15mm



Angled Cup Size

PS8907-34	7mm
PS8909-34	9mm
PS8911-34	11mm
PS8913-34	13mm
PS8915-34	15mm



Comfort Handle Curette

- 29cm/11 1/2" overall length
- 20cm handle length



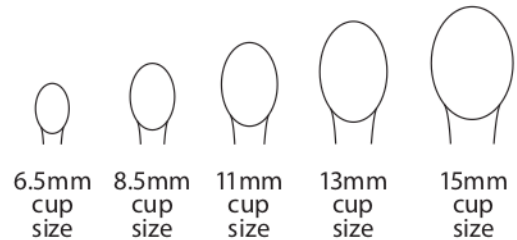
Straight Cup Size

PS7561-07	6.5mm
PS7561-09	8.5mm
PS7561-11	11mm
PS7561-13	13mm
PS7561-15	15mm



Angled Cup Size

PS7563-07	6.5mm
PS7563-09	8.5mm
PS7563-11	11mm
PS7563-13	13mm
PS7563-15	15mm



Long Anterior Curette

- 38cm/15" overall length



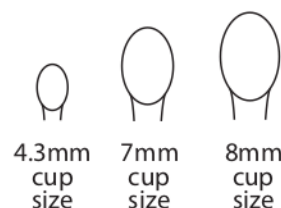
Straight Cup Size

PS8043-38	4.3mm
PS8070-38	7mm
PS8080-38	8mm



Angled Cup Size

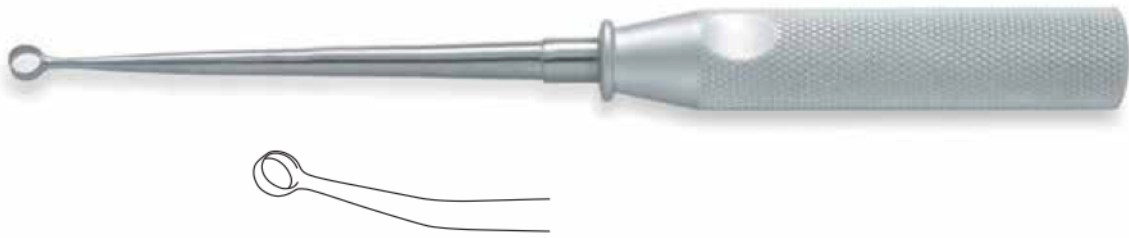
PS8143-38	4.3mm
PS8170-38	7mm
PS8180-38	8mm




SPINAL CURETTES

Cones Ring Curette

• 23cm/9"



Straight	Ring Size	Angled	Ring Size		
PS8803-23	3mm	PS8903-23	3mm		3mm ring size
PS8806-23	6mm	PS8906-23	6mm		6mm ring size
PS8808-23	8mm	PS8908-23	8mm		8mm ring size

Zielke Curette

• 21cm/8 1/4"









Straight	Size	Angled	Size
PS8608-21	8mm	PS8708-21	8mm
PS8611-21	11mm	PS8711-21	11mm

Volkman Double Ended Curette

• 22cm/8 3/4"



	Size			
PS8401-22	Small			
PS8402-22	Medium			
PS8403-22	Large	Small	Medium	Large

DISSECTORS

Swedish Dissector

- 18cm/7"



PS9201 -18

Howarth Elevator

- 21.5cm/8 1/2"



PS9207 -21

MacDonald Elevator/Dissector



Size

PS7105 -19	18cm/7"
PS9206 -23	23cm/9"

Watson Cheyne Dissector



Size

HA7203 -18	18cm/7"
PS9203 -23	23cm/9"
PS9203 -25	25.5cm/10"

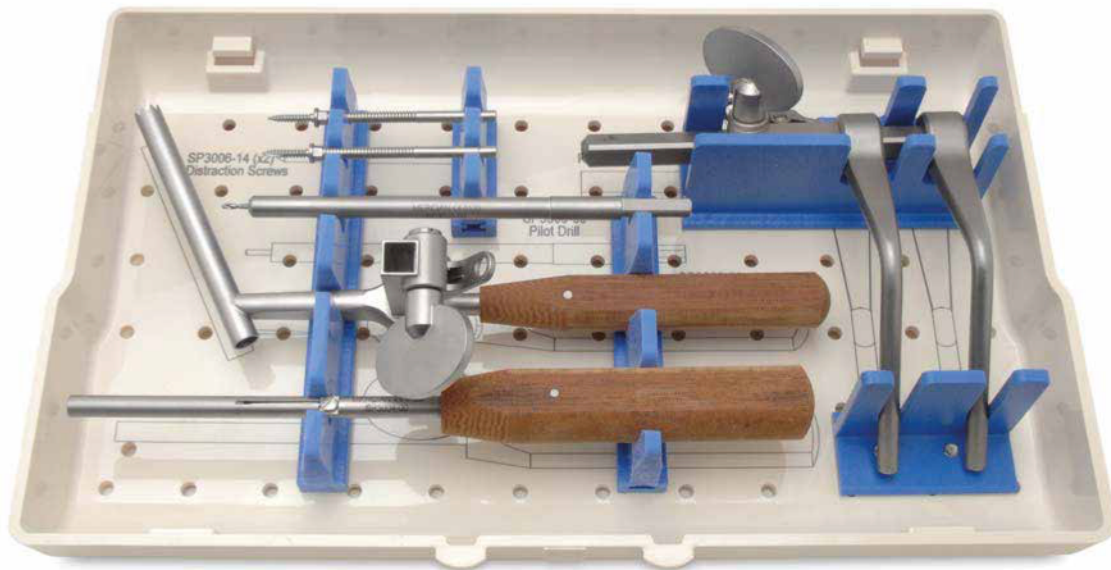
Freers Elevator/Dissector

- 18.5cm/7 1/4"



PS7602 -18

CASPAR CERVICAL DISTRACTION SET



Caspar Vertebral Body Distraction Set

SP3001-00

- For retraction of the vertebral body in the cervical spine to allow access to the disc
- Less instrumentation in the disc space
- Distraction screws are secured into the vertebral body either side of the disc, the retractor is then slid over the screws and retracted

Complete set consisting of:

Qty	Order Code	Description
1	PS3002-00	Retractor Right
1	PS3003-00	Drill Guide Right
1	PS3004-00	Screw Driver
1	PS3005-00	Distraction Drill
1	PS3006-14	Sterile Distraction Screws 14mm Boxes of 10

Distraction Retractor

PS3002-00 Right (illustrated)

PS3002-10 Left



CASPAR CERVICAL DISTRACTION SET

Drill Guide

PS3003-00 Right (illustrated)

PS3003-10 Left



Screw Driver

PS3004-00



Distraction Drill

PS3005-00

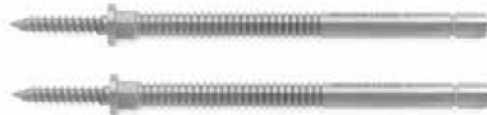


- For pre-drilling pilot holes for screws with drill guide 2mm

Distraction Screws

- 7cm post length
- Sterile packed

	Thread length
PS3006-12	12mm
PS3006-14	14mm
PS3006-16	16mm



LAMINA & VERTEBRAL SPREADERS

Cervical Vertebral Spreader

- 13cm/5 1/4"
- 3mm tip

	Depth
PS2002-70	70mm
PS2002-95	95mm *



Cloward Cervical Spreader

- 17cm/6 3/4"
- Max opening 20mm

PS2003-17



Cloward Lamina Spreader

- 15cm/6"

PS2004-70

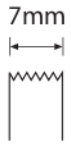


LAMINA & VERTEBRAL SPREADERS

Baby Inge Lamina Spreader

- 18cm/7"

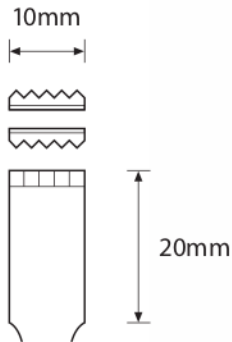
PS5134-18



Inge Lamina Spreader

- 24cm/9 1/2", Max opening 50mm

PS2006-24



Scaglietti Lamina Spreader

- 28cm/11"
- With speed lock

PS2009-28



Long Anterior Lamina Spreader

- 28cm/11"
- Max opening 40mm

PS2008-28



HOOKS & PROBES

Adson Dural Hook

- 19cm/7 1/2"

Sharp
SP9103-19

Blunt
SP9104-19



Titanium Micro Hooks

- 19cm/7 1/2"



90° Semi-sharp

PS8109-19



90° Blunt

MV8110-19



Crile Blunt Hook

- 20cm/8"
- 7mm tip length



PS9111-20

Emmet Sharp Hook

- 22cm/8 3/4"
- 5mm tip length



PS9106-22

Cushing Blunt Hook

- 28cm/11"
- 4mm tip length



PS9107-28

HOOKS & PROBES

Adson Hook

- 20cm/8"
- 5mm tip length



McCulloch Probe with Ball End

- 23.5cm/9 1/4"



Manipulation Hook

- 23.5cm/9 1/4"
- 4mm tip length



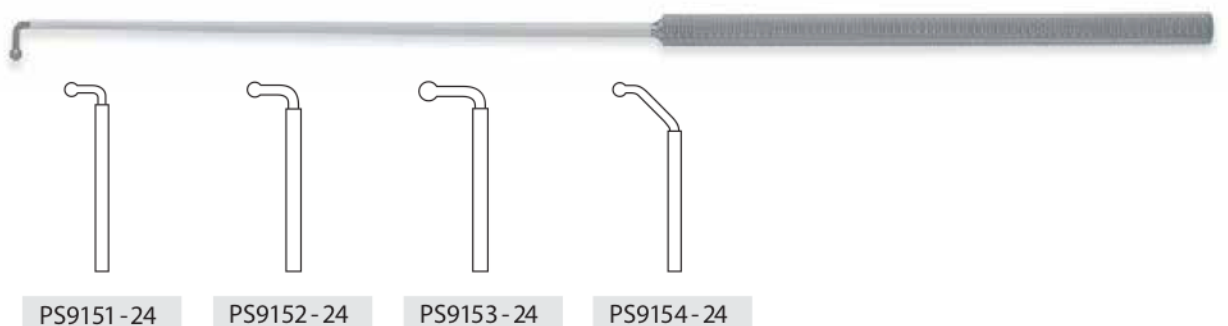
Blalock Blunt Hook

- 24cm/9 1/2"
- 5mm tip length



Caspar Exploration Probe

- 24.5cm/9 3/4"
- Insulated shaft



NERVE ROOT RETRACTORS

Love Bayonet Nerve Root Retractor

- 21cm/8 1/4"

PS5000-21



Krayenbuhl Nerve Root Retractor

- Double bayonet
- 21cm/8 1/4"

21cm/8 1/4" PS5041-21

24cm/9 1/2" PS5042-24



O'Connell Nerve Root Retractor

- 21.5cm/8 1/2"

PS5002-21



Love Nerve Root Retractor

- 22cm/8 3/4"
- 5mm tip width

PS5010-22

Straight

PS5011-22

25° Angled

*illustrated

PS5012-22

90° Angled

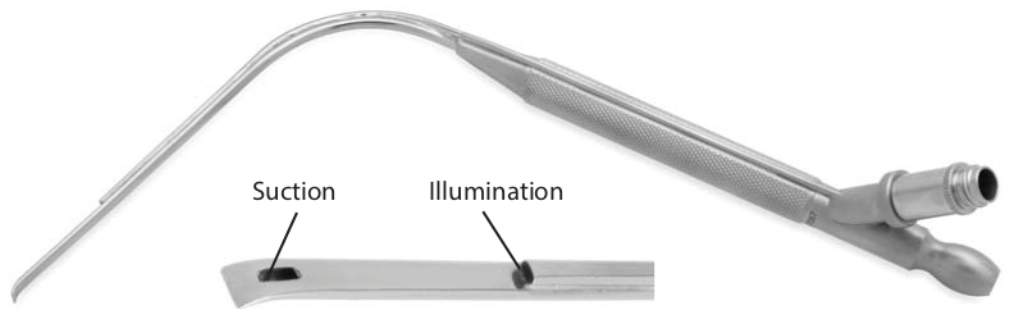


NERVE ROOT RETRACTORS

Shepherd Suction Nerve Root Retractor

- 26cm/10 1/2"
- With suction aspiration
- Fibre optic illumination
- 4mm tip width

PS5015-26



Nerve Root Retractor with suction

- 31cm/12"
- 7mm tip width

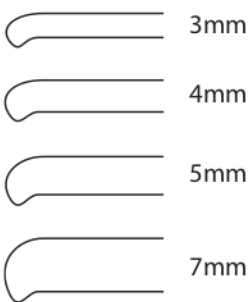
PS5013-31



Hess Nerve Root Retractor

- 19cm/7 1/2"

	Width
PS5003-19	3mm
PS5004-19	4mm
PS5005-19	5mm
PS5007-19	7mm



Nerve Root Retractor

- 19cm/7 1/2"
- with fibre optic illumination



	Width
PS5033-19	3mm
PS5055-19	5mm

HAND HELD RETRACTORS

Meyerding Retractor

- 22.5cm/9"



Blade size

PS5050-22	50mm x 16mm
PS5075-22	75mm x 25mm
PS5090-22	90mm x 50mm

Langenbeck Retractor

- 21.5cm/8 1/2"



Blade size

PS5122-21	22mm x 6mm
PS5145-21	45mm x 13mm
PS5165-21	65mm x 25mm
PS5190-21	90mm x 20mm

Taylor Hip Retractor

- 19cm/7 1/2"



Depth

PS5006-19	70mm
PS5008-19	85mm
PS5010-19	100mm

Bone Hook

- 24.5cm/9 3/4"
- Sharp

PS9050-24



Volkman Cataspaw Retractor

- Semi sharp teeth
- 21.5cm/8 1/2"



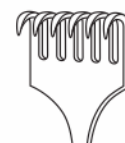
15 x 15mm
3 Prong

PS5015-21



15 x 20mm
4 Prong

PS5020-21



15 x 30mm
6 Prong

PS5030-21



Cloward Style Blade Retractor

- 11cm/4 1/4"

Width

PS5013-11	13mm
PS5018-11	18mm
PS5020-11	20mm



SELF RETAINING RETRACTORS

Baby Weitlaner S/R Retractor

- 11.5cm/4 1/2"
- 2 x 3 Blunt Prongs

PS5701-10



Mollison S/R Retractor - Child

- 13cm/5 1/4"
- 2 x 2 Sharp prongs 12mm depth

PS4005-13



Mollison S/R Retractor - Adult

- 17cm/6 3/4"
- 4 x 4 Sharp prongs 14mm depth

PS4005-17



SELF RETAINING RETRACTORS

West's S/R Retractor

- 14cm/5 1/2"
- 3 x 4 Sharp Prongs

PS4003-14



Weitlaner S/R Retractor

- 14cm/5 1/2"
- 3 x 4 Blunt Prongs

PS4002-14

Travers S/R Retractor

- 20cm/8"
- 4 x 5 Blunt Prongs

PS4004-20



Norfolk and Norwich S/R Retractor

- 20cm/8"
- 4 x 5 Blunt Prongs

PS4000-20



SELF RETAINING RETRACTORS

Cones Self Retaining Retractor

- 3 x 4 Prongs
- Jointed Arms



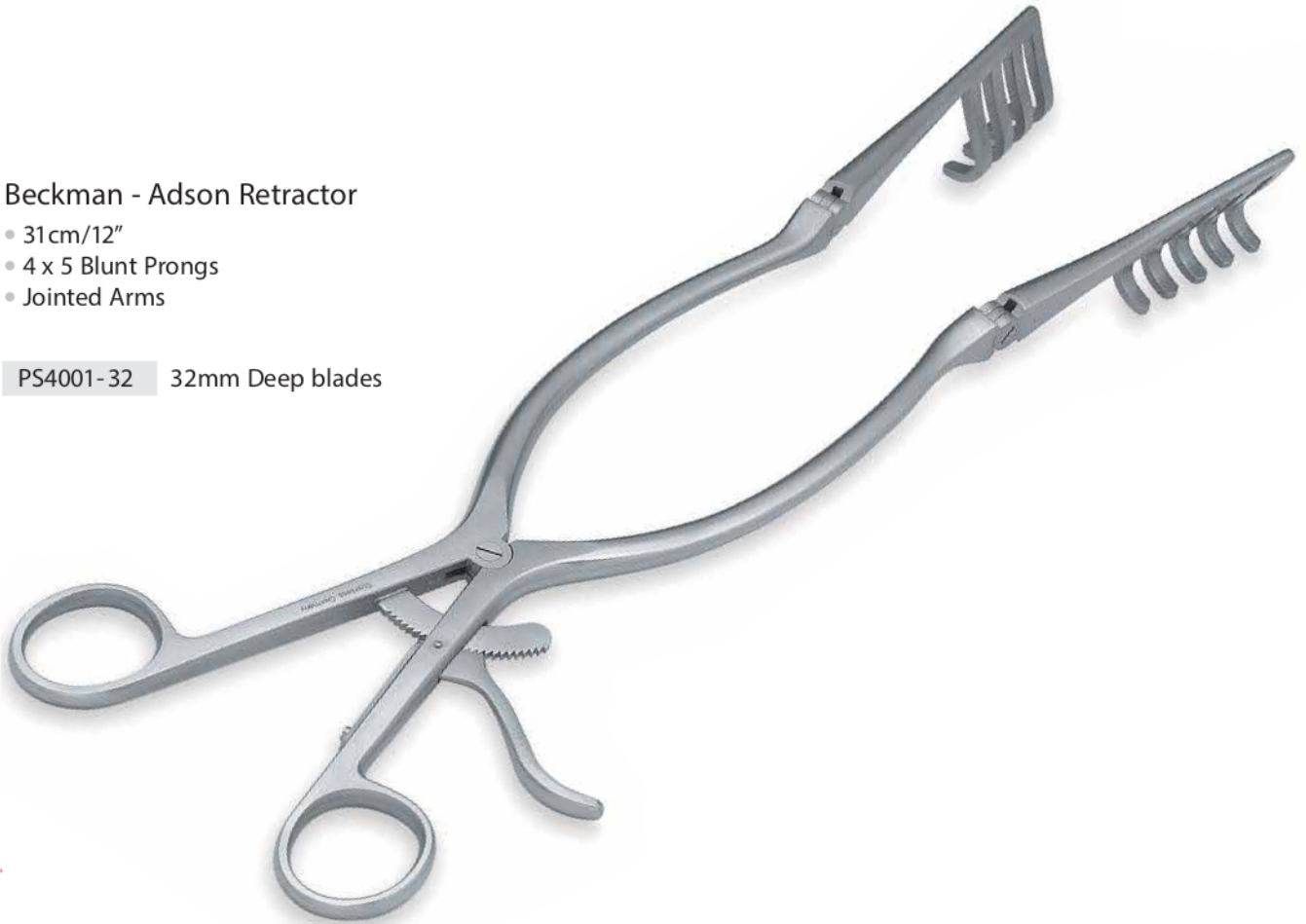
Blunt Prongs	Length
PS4064-13	13cm/5"
PS4066-16	16cm/6 1/2"
PS4068-20	20cm/8"
PS4070-24	24cm/9 1/2"

Sharp Prongs	Length
PS4063-13	13cm/5"
PS4065-16	16cm/6 1/2"
PS4067-20	20cm/8"
PS4069-24	24cm/9 1/2"

Beckman - Adson Retractor

- 31cm/12"
- 4 x 5 Blunt Prongs
- Jointed Arms

PS4001-32 32mm Deep blades



SELF RETAINING RETRACTORS

Gelpi Laminectomy Retractor

- Sharp Prongs

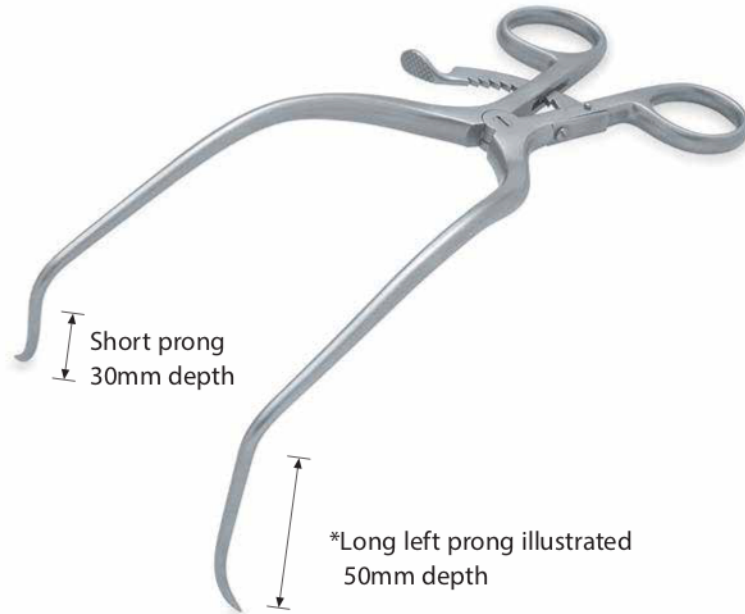
		Prong depth
18.5cm/7 1/4"	PS4030-16	30mm
19.5cm/7 3/4"	PS4050-16	50mm
20cm/8"	PS4070-16	70mm



Hardman Retractor

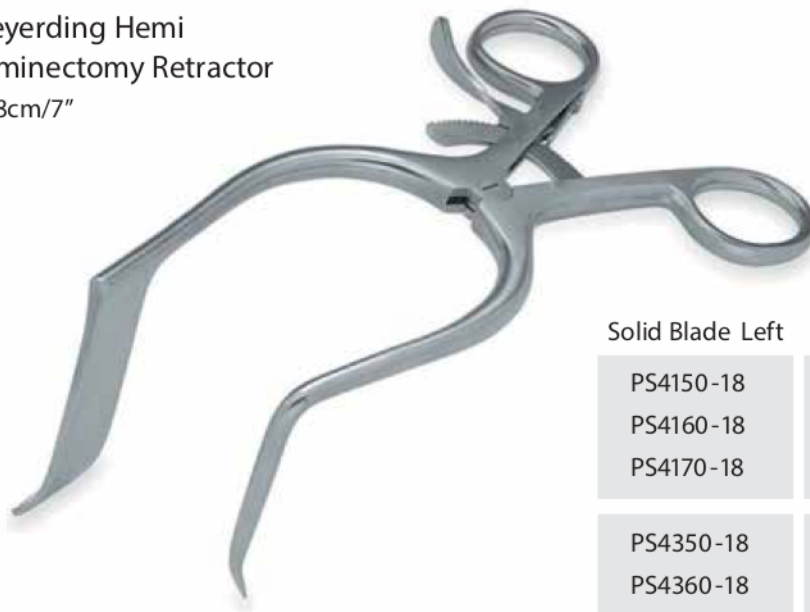
- 20cm/8"

	Prong depth
PS4550-20	50mm equal prongs
PS4500-20	long prong - Left*
PS4300-20	long prong - Right



Meyering Hemi Laminectomy Retractor

- 18cm/7"



Solid Blade Left	Blade Size	Solid Blade Right	
PS4150-18	50 x 10mm	SP4250-18	Narrow Blade
PS4160-18	60 x 10mm	SP4260-18	
PS4170-18	70 x 10mm	SP4270-18	
PS4350-18	50 x 20mm	SP4450-18	Wide Blade
PS4360-18	60 x 20mm	SP4460-18	
PS4370-18	70 x 20mm	SP4470-18	

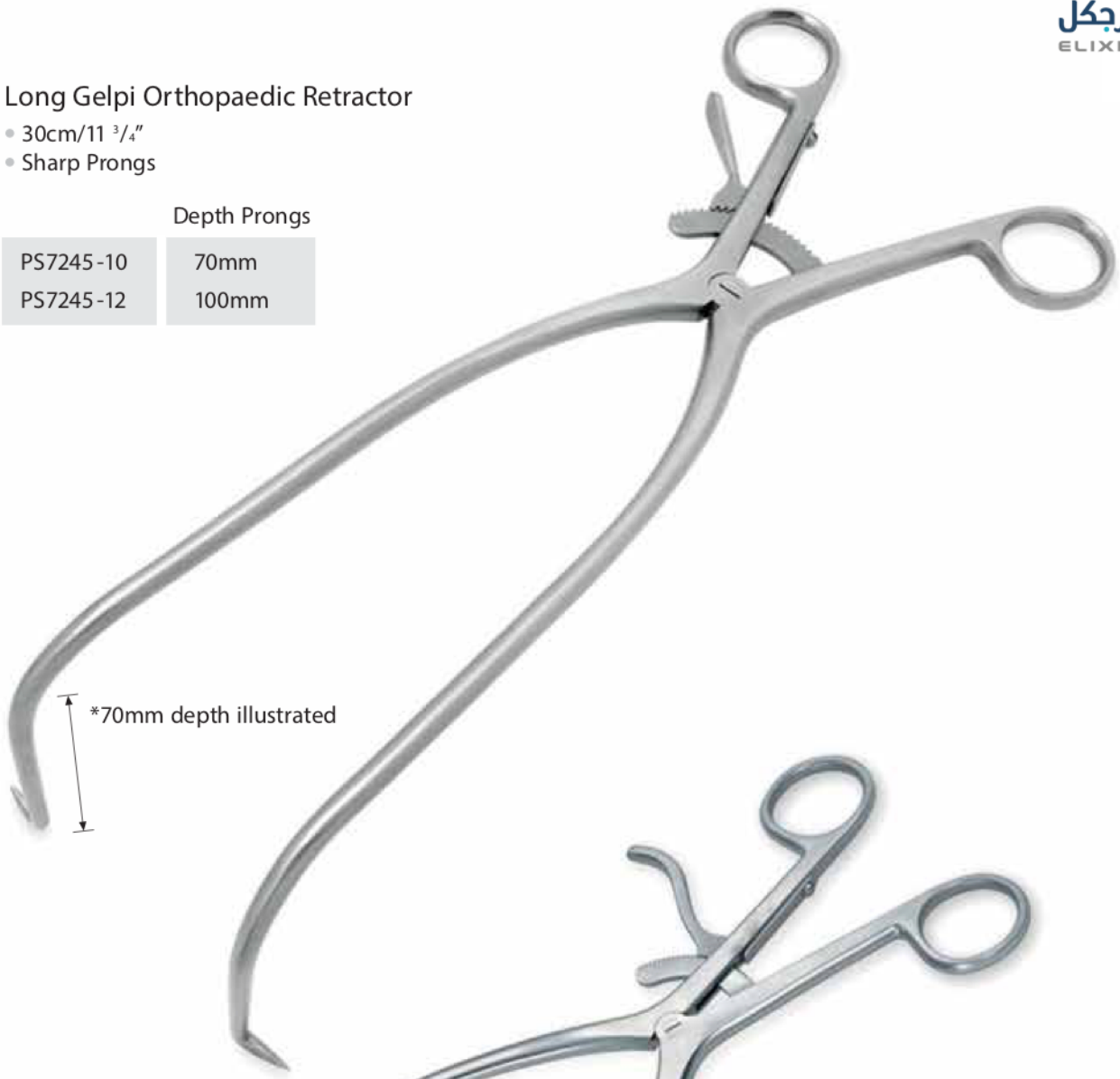
SELF RETAINING RETRACTORS

Long Gelpi Orthopaedic Retractor

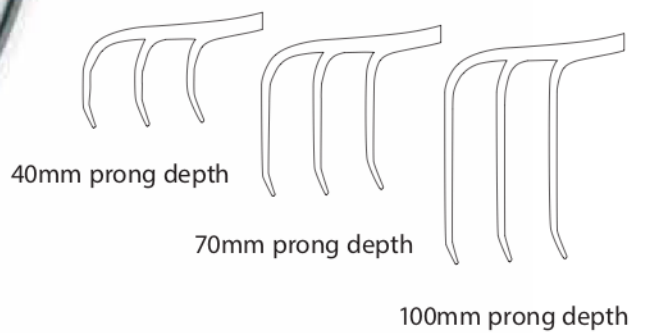
- 30cm/11 3/4"
- Sharp Prongs

Depth Prongs

PS7245-10	70mm
PS7245-12	100mm



*70mm depth illustrated



Viper Scoliosis Retractor

- 30cm/11 3/4"
- Sharp Prongs

Depth Prongs

PS7248-38	40mm
PS7248-40	70mm
PS7248-50	100mm

MICRO DISCECTOMY SET

Cobbs Spinal Elevator

- 26cm/10 1/4" length



Width

PS5250-07	12mm
PS5250-08	19mm

Spinal Osteotome

- 22cm/8 1/2" length



Width

PS5250-03	4mm
PS5250-04	6mm

'Hockey Stick' Chisel

- 5mm Width
- 22cm/8 1/2" length



PS5250-05 Curved right

PS5250-06 Curved left

Elevator Double Ended

- 24cm/9 3/4" length



PS5250-01

McCulloch Suction Tube

- 23cm/9" length
- Fenestrated tip



FG Diameter

PS5250-09	6FG	2.0mm Ø
PS5250-10	7FG	2.3mm Ø
PS5250-11	9FG	3.0mm Ø
PS5250-12	12FG	4.0mm Ø

McCulloch Nerve Root Retractor

- 90° Angled
- 6mm tip
- 12.5cm/5" working length



PS5250-02

BAYONET MICRO INSTRUMENTS FOR DURAL REPAIRS

Yasargil Bayonet Micro Needle Holder

- Flat Handled
- Delicate 1mm Jaws



With Lock	Straight	Curved	Without Lock	Straight	Curved
23cm/9"	MV1012-23	MV1013-23	23cm/9"	MV1112-23	MV1113-23

Bayonet Micro Needle Holder

- Round Bodied
- Delicate 1mm Jaws



With Lock	Straight	Curved	Without Lock	Straight	Curved
21cm/8 1/4"	MV1010-21	MV1011-21	21cm/8 1/4"	MV1110-21	MV1111-21
23cm/9"	MV1010-23	MV1011-23	23cm/9"	MV1110-23	MV1111-23

Yasargil Bayonet Micro Forceps

- Flat Handled
- Blunt 1mm Tips



22.5cm/8 1/4"	MV2301-22
24cm/9 1/2"	MV2301-24

Yasargil Bayonet Micro Scissors

- Flat Handled
- 22.5cm/8 3/4" length



Standard Blade



Straight
PS3005-22



Curved
PS3006-22

Vannas Blade



Straight
PS3007-22



Curved
PS3008-22

MISC INSTRUMENTS

Slim Nose Wire Twisters

- 19cm/7 1/2"

PS7645-19



Orthopaedic Locking Grips

- Hardened jaws



Length

200-511-180	18cm/7"	Small
200-511-200	20cm/8"	Medium
200-511-240	24cm/9 1/2"	Large

Combined Wire Cutter & Pliers

- 18cm/7"
- Suitable for wires up to 1.6mm

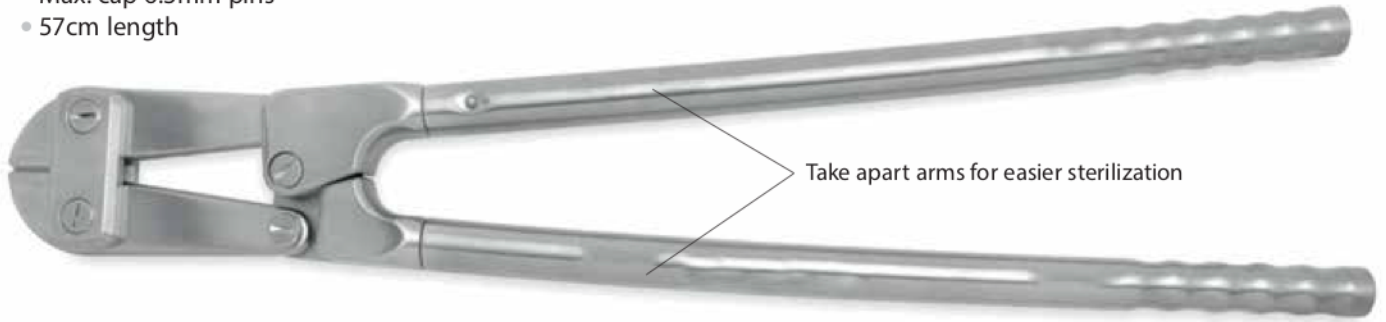
200-512-185



MISC INSTRUMENTS

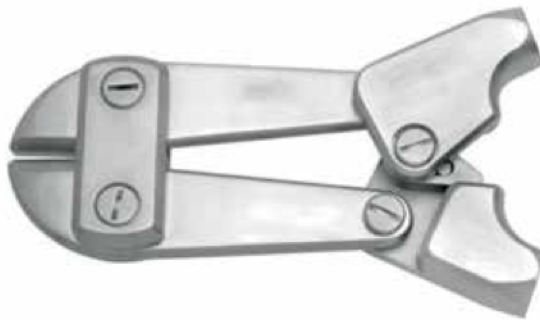
Bolt Cutters with dismantable arms

- Max. cap 6.3mm pins
- 57cm length



Take apart arms for easier sterilization

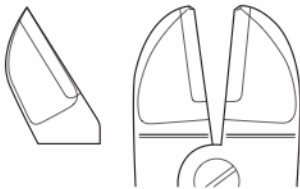
200-500-585



- Must be used in conjunction with a Rod Holder. Ordering Code: 200-675-200

Muller-Claus Wire Cutters

- Tungsten Carbide Jaws
- Double Action



Length

8-810E18

18cm/7"

- Sui

8-800E22

22cm/8 3/4"

- Suitable for wires up to 3mm diameter

Needle Nosed Locking Pliers



Length

200-514-220

22cm/8 3/4"

Small

200-515-250

25cm/9 3/4"

Medium

200-516-300

30cm/11 3/4"

Large

- A very useful instrument for orthopaedic surgery allowing the surgeon to securely clamp on to wires and implants.

MISC INSTRUMENTS

Measuring Caliper

- 25cm/10"

PS7334-20



Castroviejo Caliper

- 7cm/2 3/4"
- Measuring range 3mm to 25mm

PS7334-10



Vernier Caliper

- 22.5cm/9"
- Measuring range 15cm

PS7338-00



Depth Gauge

- Measuring depth up to 50mm

PS7350-00



Depth Gauge

- Measuring depth up to 70mm

PS7370-00



Direct Reading Depth Gauge

- 23cm length
- Measuring range 0.5 to 40mm

PS7333-10



MISC INSTRUMENTS

Frazier Suction Tube

- 17cm/6 3/4"



PS9041-17	6FG	2.0mm
PS9042-17	7FG	2.3mm
PS9043-17	8FG	2.7mm
PS9044-17	9FG	3.0mm
PS9045-17	10FG	3.3mm
PS9046-17	11FG	3.7mm
PS9047-17	12FG	4.0mm

Frazier Suction Tube

- 23cm/9"



PS9041-23	6FG	2.0mm
PS9042-23	7FG	2.3mm
PS9043-23	8FG	2.7mm
PS9044-23	9FG	3.0mm
PS9045-23	10FG	3.3mm
PS9046-23	11FG	3.7mm
PS9047-23	12FG	4.0mm

Bayonet Dissecting Forceps



19cm/7 1/2" Tip Size

PS9701-19	1mm
PS9702-19	2mm

21cm/8 1/2" Tip Size

PS9701-21	1mm
PS9702-21	2mm