

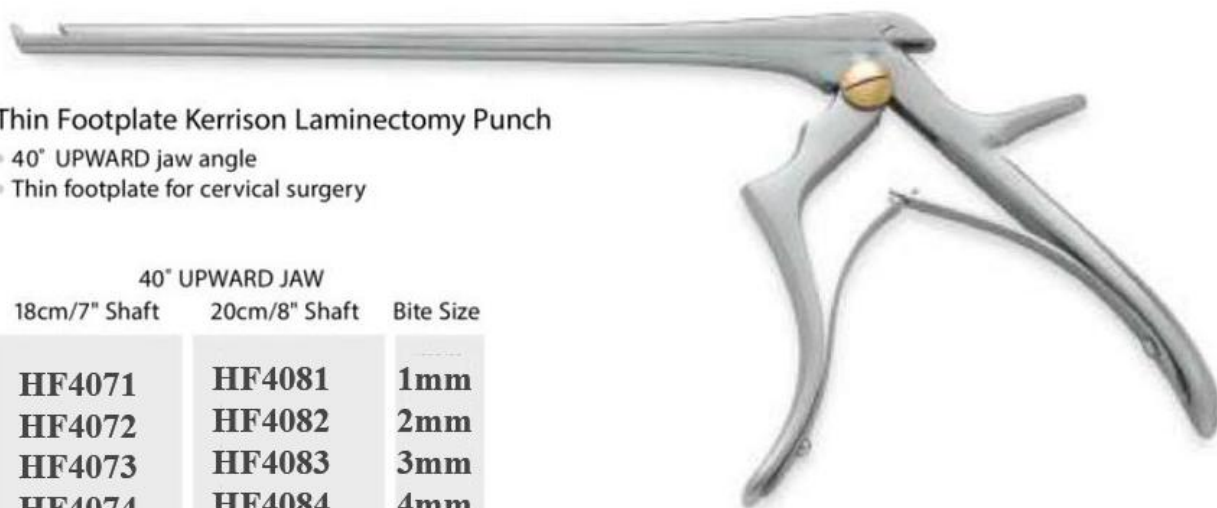


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Thin Footplate Kerrison Laminectomy Punch

- 40° UPWARD jaw angle
- Thin footplate for cervical surgery

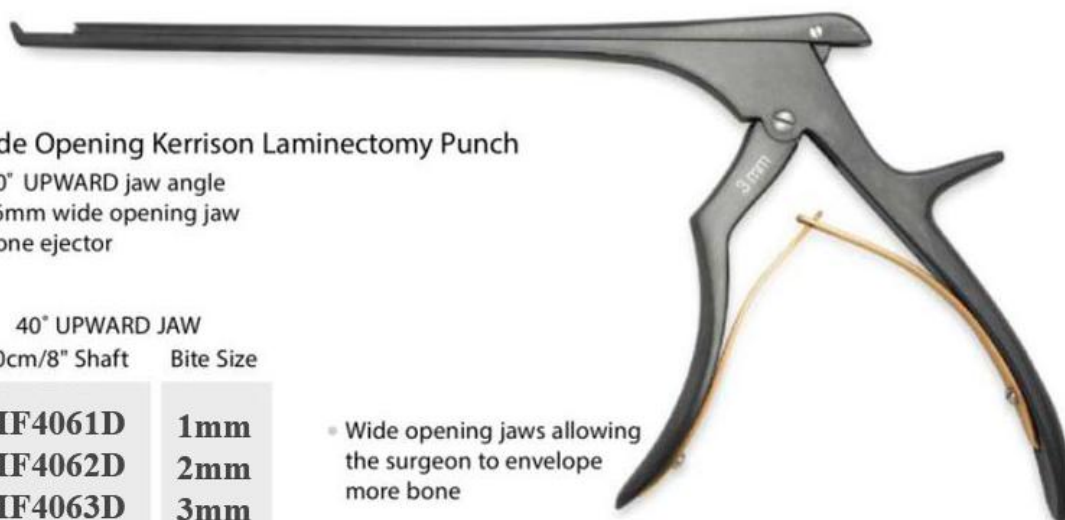
40° UPWARD JAW		
18cm/7" Shaft	20cm/8" Shaft	Bite Size
HF4071	HF4081	1mm
HF4072	HF4082	2mm
HF4073	HF4083	3mm
HF4074	HF4084	4mm
HF4075	HF4085	5mm

Reduced footplate



40° UPWARD

- A reduced footplate thickness useful for a restricted operating area

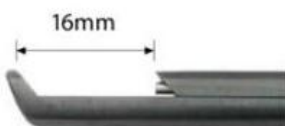


Wide Opening Kerrison Laminectomy Punch

- 40° UPWARD jaw angle
- 16mm wide opening jaw
- Bone ejector

40° UPWARD JAW	
20cm/8" Shaft	Bite Size
HF4061D	1mm
HF4062D	2mm
HF4063D	3mm
HF4064D	4mm
HF4065D	5mm

- Wide opening jaws allowing the surgeon to envelope more bone



40° UPWARD

*1mm not available with bone ejector

Munich Grasping Forceps

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

HF4024-16



Toothed serrated jaw

Weil-Blakesley Forceps

- 18cm/7" shaft length
- Fenestrated jaw

Straight
Jaw

Bite Size

HF4025-17 2.5mm

HF4030-17 3.0mm

HF4035-17 3.5mm

Upward 30°
Angled Jaw

Bite Size

HF4025-18 2.5mm

HF4030-18 3.0mm

HF4035-18 3.5mm



Decker Rongeur

- 15cm/6" shaft length
- Straight jaw

HF4023-15

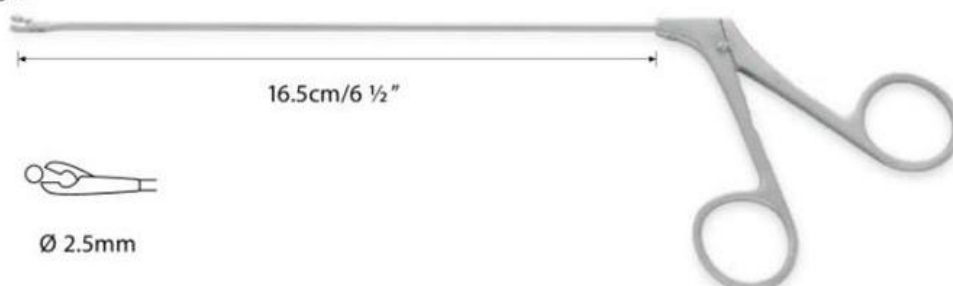


2mm jaw

Nicola Micro Cupped Biopsy Forceps

- 16.5cm/6 ½" shaft length

HF4022-15



16.5cm/6 ½"

Ø 2.5mm

Lempert Bone Nibbler

- 19cm/7 ½" length
- Single action

3mm Bite
HF1002-18



Luer Bone Nibbler

- 18cm/7" length
- Single action



Straight
8mm Bite

HF1003-18



Curved
8mm Bite

HF1006-18



Adson Bone Nibbler

- 20cm/8" length
- Single action



7mm Bite

HF1004-18I



Pennybacker Bone Nibbler

- 20cm/8" length
- Single action



4mm Bite

HF1040-21



Northfields Bone Nibbler

- 20cm/8" length
- Single action



10mm Bite

HF1043-21



'Rat Toothed' Bone Nibbler

- 21cm/8 1/4" length
- Single action

5mm Bite

HF1034-21



8mm Bite

HF1031-21



Williams Discectomy Rongeur

- 14cm/5 ½" shaft length

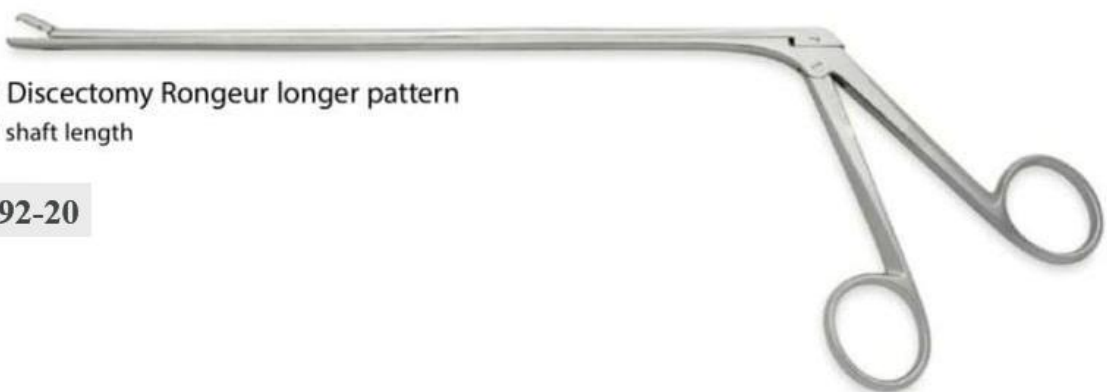
HF60091-20



Williams Discectomy Rongeur longer pattern

- 23cm/9" shaft length

HF60092-20



'Pea Pod' Disc Rongeur

- Short 10mm length jaw

15cm/6" Bite Size

HF60093-20	2mm
HF60094-20	3mm
HF60095-20	4mm



13cm/5 ¼" Bite Size

HF60096-20 2mm

Extra fine pattern 5mm length jaws

Beck Disc Rongeur

- 13cm/5 ¼" shaft length
- 2mm bite size

HF60097-20



Echlin Duckbill Nibbler

- 23cm/9" length
- Double action



2mm Bite

HF60098



3mm Bite

HF60099



4mm Bite

HF70000

Long Anterior Leksell Bone Nibbler

- 30cm/12" length
- Double action



5mm Bite

HF70001



8mm Bite

HF70002

Sypert Bone Nibbler

- 36cm/14 1/4" length
- Double action - very long



5mm Bite

HF70002



8mm Bite

HF70003

Leksell Bone Nibbler

- 24cm/9 ½" length
- Double action angled



Angled Jaw

Bite Size

HF1018-24

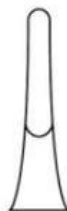
3mm

HF1019-24

5mm

HF1020-24

8mm



3mm



5mm



8mm

Stille-Luer Bone Nibbler

- 22cm/8 ¾" length
- Double action



Straight
10mm Bite

HF1006-22



Curved
10mm Bite

HF1007-22



'Mr Blobby' Stille-Luer Bone Nibbler

- 26cm/10 ¼" length
- Double action



Straight
17mm Bite

HF1008-26



Curved
17mm Bite

HF1009-26



Jansen Bone Nibbler

- 18cm/7" length
- Curved double action

5mm Bite

HF70011



Marquardt Bone Nibbler

- 20cm/8" length
- Curved double action

3mm Bite

HF70012



Smith-Peterson Bone Nibbler

- 24cm/9 1/2" length
- Double action



Straight

Light Curve

Bite Size

HF70013	SP1014-24	2mm
HF70014	SP1016-24	3mm
HF70015	SP1017-24	4mm
HF70016	SP1018-24	5mm



Straight



Light Curve

Zielke Intervertebral Rongeur

- Angled parallel jaws



21cm/8 1/4"

HF70017
HF70018

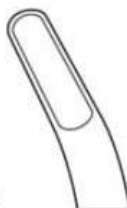
25cm/9 3/4"

HF70019
HF70020

Bite Size

3mm
5mm


3mm Bite



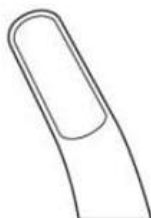
5mm Bite

Matzen Intervertebral Rongeur

- 20cm/8" length
- Angled jaws



8mm Bite

HF70021


Beyer Bone Nibbler

- 18cm/7" length
- Curved double action



4mm Bite

HF70022


Caspar Toothed Disc Rongeur

- Serrated and fenestrated jaws

STRAIGHT JAW

16cm/6 ¼" Shaft	18cm/7" Shaft	Bite Size
HF70023-18	HF70027-15	2mm
HF70024-18	HF70028-15	3mm
HF70025-18	HF70029-15	4mm
HF70026-18	HF70030-15	5mm



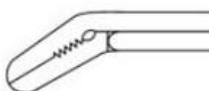
UPWARD JAW

16cm/6 ¼" Shaft	18cm/7" Shaft	Bite Size
HF70031-17	HF70035-13	2mm
HF70032-17	HF70036-13	3mm
HF70033-17	HF70037-13	4mm
HF70034-17	HF70038-13	5mm



DOWNWARD JAW

16cm/6 ¼" Shaft	18cm/7" Shaft	Bite Size
HF70039-18	HF70043-18	2mm
HF70040-18	HF70044-18	3mm
HF70041-18	HF70045-18	4mm
HF70042-18	HF70046-18	5mm

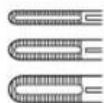


Schlesinger Toothed Rongeur

- Fine serration on the jaw edge

STRAIGHT JAW

15cm/6" Shaft	18cm/7" Shaft	Bite Size
HF70047-14	HF70050-14	2mm
HF70048-14	HF70051-14	3mm
HF70049-14	HF70052-14	4mm



McIndoe Bone Cutters

- 18cm/7" length
- Double action
- Angled jaws



HF70054



Stille-Liston Bone Cutters

- 27cm/10 ¾" length



Straight

HF70055



Angled

HF70056



Liston-Key-Horsley Bone Cutters

- 27cm/10 ¾" length



HF70057



Tudor Edwards/Vehmehren Costotome

- 24cm/9 ½" length
- For cutting ribs

HF70058



Capener Osteotome

- 25cm/9 ¾" length
- Tufnol handle



	Width
HF70059	10mm
HF70060	12mm
HF70061	15mm
HF70062	20mm
HF70063	25mm
HF70064	30mm

Lexer Osteotome

- 22cm/8 ½" length
- Tufnol handle



	Width
HF70065	7mm
HF70066	10mm
HF70067	15mm
HF70068	20mm
HF70069	25mm

Dahmen Osteotome

- 30cm/12" length
- Tufnol handle



	5mm
	10mm
	15mm
	20mm
	25mm
	30mm

Straight	Width
	HF70070 5mm
	HF70075 10mm
	HF70080 15mm
	HF70085 20mm
	HF70090 25mm
	HF70095 30mm

Angled	Width
	HF80000 5mm
	HF80005 10mm
	HF80010 15mm
	HF80015 20mm
	HF80020 25mm
	HF80025 30mm

Measuring Caliper

- 25cm/10" length
- Measuring range 0 to 50mm

HF7334-20



Castroviejo Caliper

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

HF7334-10



Vernier Caliper

- 22.5cm/9" length
- Measuring range 15cm

HF7338-00



Depth Gauge

- Measuring depth up to 50mm

HF7350-00



Depth Gauge

- Measuring depth up to 70mm

HF7370-00



Direct Reading Depth Gauge

- 23cm length
- Measuring depth up to 40mm

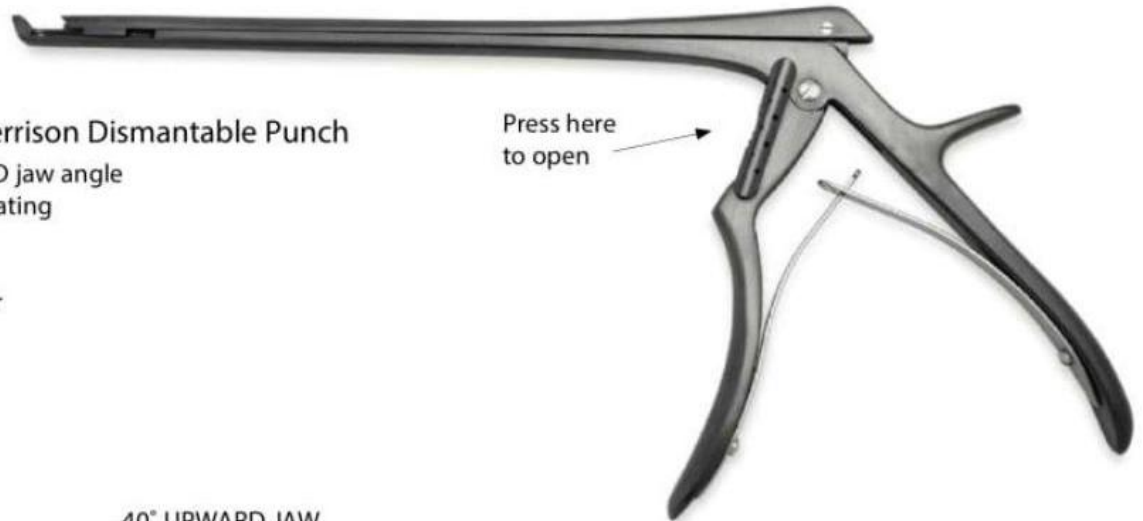
HF7333-10



Titanium Kerrison Dismantable Punch

- 40° UPWARD jaw angle
- Titanium coating
- Take apart for cleaning
- Bone ejector

Press here
to open



40° UPWARD JAW			
18cm/7" Shaft	20cm/8" Shaft	23cm/9" Shaft	Bite Size
HF80026Ti	HF80032Ti	HF80038Ti	1mm
HF80027Ti	HF80033Ti	HF80039Ti	2mm
HF80028Ti	HF80034Ti	HF80040Ti	3mm
HF80029Ti	HF80035Ti	HF80041Ti	4mm
HF80030Ti	HF80036Ti	HF80042Ti	5mm
HF80031Ti	HF80037Ti	HF80043Ti	6mm



40° UPWARD

Curved Foramenotomy Punch

- 40° UPWARD jaw angle
- Curved shaft designed to improve access to the foramen



20cm/8" Shaft	Bite Size
HF80044Ti	2mm
HF80045Ti	3mm
HF80046Ti	4mm
HF80047Ti	5mm



Scaglietti Straight Osteotome Set

MS7452-00



Complete set consisting of:

Qty	Order Code	Description
5	HF80047	scaglietti osteotomes-5size
1	HF80048	instrument case

Scaglietti Osteotomes

• 28cm/11" length



Straight	Size
HF80049	6mm
HF80050	9mm
HF80051	12mm
HF80052	16mm
HF80053	19mm

Lambotte Osteotome



25cm/9 ¾" length		23cm/9" length	
Straight	Width	Curved	Width
HF80054-2	2mm	HF80064-2	2mm
HF80055-3	3mm	HF80065-3	3mm
HF80056-4	4mm	HF80066-4	4mm
HF80057-5	5mm	HF80067-5	5mm
HF80058-6	6mm	HF80068-6	6mm
HF80059-7	7mm	HF80069-7	7mm
HF80060-8	8mm	HF80070-8	8mm
HF80061-9	9mm	HF80071-9	9mm
HF80062-10	10mm	HF80072-10	10mm
HF80063-11	11mm	HF80073-11	11mm

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
HF80074T	1mm
HF80075T	2mm
HF80076T	3mm
HF80077T	4mm
HF80078T	5mm
HF80079T	6mm



40° UPWARD

*1mm not available with bone ejector

working length

Bayonet Kerrison Punch

- 40° UPWARD jaw angle
- Allows improved visibility
- With special titanium coating on surface
- Bone ejector

40° UPWARD JAW			
20cm/7 ¾" Shaft working length 12cm/4 ¾"	23cm/9" Shaft working length 18cm/7"	28cm/11" Shaft working length 20cm/7 ¾"	Bite Size
HF80080-2	HF80086-2	HF80091-2	2mm
HF80082-4	HF80087-4	HF80092-4	3mm
HF80083-6	HF80088-6	HF80093-6	4mm
HF80084-8	HF80089-8	HF80094-8	5mm
HF80085-10	HF80090-10	HF80095-10	6mm

Mini-Stille Osteotome

- 16cm/6 ¼" length

Straight	Width
HF90027-16	4mm
HF90028-16	6mm
HF90029-16	8mm



Stille (Swedish) Osteotome

- 20cm/8" length

Straight	Width
HF80096-20	6mm
HF80097-20	8mm
HF80098-20	10mm
HF80099-20	12mm
HF80100-20	15mm
HF90001-20	20mm
HF90002-20	25mm
HF90003-20	30mm



Hibbs Osteotome with thin blade

- 20cm/8" length
- Extra thin blade

Straight	Width	Curved	Width
HF90004-20	4mm	HF90013-20	4mm
HF90005-20	6mm	HF90014-20	6mm
HF90006-20	8mm	HF90015-20	8mm
HF90007-20	10mm	HF90016-20	10mm
HF90008-20	12mm	HF90017-20	12mm
HF90009-20	15mm	HF90018-20	15mm
HF90010-20	20mm	HF90019-20	20mm
HF90011-20	25mm	HF90020-21	25mm
HF90012-20	30mm	HF90021-20	30mm



Smith Petersen Osteotome

- 20cm/8" length

Straight	Width
HF90022-20	10mm
HF90023-20	15mm
HF90024-20	20mm
HF90025-20	25mm
HF90026-20	30mm



Comfort Cobb Elevator

- 32cm/12 ½" overall length
- 20cm/8" handle length

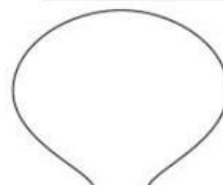


10mm	15mm	20mm	25mm	30mm
HF90027	HF90028	HF90029	HF90030	HF90031
				

Karl Cobb Elevator

- 32.5cm/12 ¾" overall length
- 20cm/8" handle length

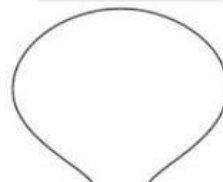


10mm	15mm	20mm	25mm	30mm
HF90032	HF90033	HF90034	HF90035	HF90036
				

Long Anterior Comfort Cobb Elevator

- 47cm/18 ¼" overall length



10mm	15mm	20mm	25mm	30mm
HF90037	HF90038	HF90039	HF90040	HF90041
				

Cobb Spinal Elevator

- 31cm/12 ¼" overall length
- 18cm/7" handle length



10mm

HF90042


13mm

HF90043


19mm

HF90044


Harrington Cobb Spinal Elevator

- 30.5cm/12" overall length



10mm

HF90045


13mm

HF90046


19mm

HF90047


Cobb Spinal Elevator Extra Long Handle

- 34cm/13 ½" overall length
- 22cm/8 ¾" handle length



10mm

HF90048


15mm

HF90049


20mm

HF90050


25mm

HF90051


30mm

HF90052


London Splint Mallet

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

HF90053-24**Ombredanne Mallet**

- 24cm/9 ½" length
- Head size 40mm Ø
- Weight 550g/20oz

HF90054-24**Mallet with Tufnol Handle**

- 24cm/9 ½" length
- Lead filled head
- Weight 400g/14oz

HF90055-24**Tufnol Mallet**

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

HF90056-25

Ferris-Smith Kerrison Laminectomy Punch

- 40° UPWARD jaw angle
- Modified ring handle



40° UPWARD JAW

18cm/7" Shaft	20cm/8" Shaft	Bite Size
HF90057-21	HF90063-21	2mm
HF90058-21	HF90064-21	3mm
HF90059-21	HF90065-21	4mm
HF90060-21	HF90066-21	5mm
HF90061-21	HF90067-21	6mm
HF90062-21	HF90068-21	8mm



40° UPWARD

'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
HF90069ET	HF90075ET	HF90081ET	1mm
HF90070ET	HF90076ET	HF90082ET	2mm
HF90071ET	HF90077ET	HF90083ET	3mm
HF90072ET	HF90078ET	HF90084ET	4mm
HF90073ET	HF90079ET	HF90085ET	5mm
HF90074ET	HF90080ET	HF90086ET	6mm

*1mm size not available with Bone Ejector



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
HF90087E	HF90093E	HF40001E	1mm
HF90088E	HF90094E	HE40002E	2mm
HF90089E	HF90095E	HF40003E	3mm
HF90090E	HF90096E	HF40004E	4mm
HF90091E	HE90097E	HF40005E	5mm
HF90092E	HF90098E	HF40006E	6mm

*1mm size not available with Bone Ejector



40° UPWARD

Toffee Mallet

- 19cm/7 ½" length
- Head size 22mm Ø
- Weight 165g/6oz

HF40007



Ultra Fine Mallet

- 17cm/6 ¾" length
- Head size 20mm Ø
- Weight 145g/5oz

HF40008-22



Heath Mallet

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

HF40009-23



Mallet with Tufnol Handle

- 23cm/9" length
- Small head size 30mm Ø
- Weight 350g/12oz

HF40010-19

- Medium head size 35mm Ø
- Weight 550g/20oz

HF40011-19

- Large head size 40mm Ø
- Weight 700g/25oz

HF40012-20



Cervical Bone Graft Impactor 90° Offset

• 22cm/8 ½" length



6mm x 12mm Tip

HF20013-10



3.5mm x 6mm Tip

HF20014-19

18cm length



Lumbar Bone Graft Impactor

• 22cm/8 ½" length



7mm x 12mm

HF20015-20



10mm x 13mm

HF20016-20



Anterior Bone Graft Impactor

• 34cm/13 ½" length



9 x 16mm Tip

HF20017-18



9 x 23mm Tip

HF20018-18



Caspar Bone Graft Holder and Impactor

• 21.8cm/8 ¼" length



6 x 12mm Tip
HF20019-19

Dowel holder for taking larger
block grafts and for vertebral
body replacement

Swedish Dissector

- 18cm/7" overall length



HF20020-18

Howarth Elevator

- 21.5cm/8 ½" overall length



HF20021-18

MacDonald Elevator/Dissector



Size

HF20022-4 18cm/7"

HF20023-4 23cm/9"

Watson Cheyne Dissector



Size

HF20024-3 18cm/7"

HF20025-3 23cm/9"

HF20026-3 24cm/10"

Freers Elevator/Dissector

- 18.5cm/7 ¼" overall length



HF20027-5

Trethowan Bone Elevator

- 22.5cm/8 ½" length

HF20028-22



Bristow Periosteal Elevator

- 23cm/9" length
- Curved sharp
- 10mm width

HF20029-22



- Zielke S-Shaped Gouge
- 23cm/9" length



*illustrated

Curved*	Width		S-Shaped	Width
HF20030-4	6mm		HF20032-3	6mm
HF20031-4	9mm		HF20033-3	9mm

Capener Lamina Gouge

- 23cm/9" length
- Cranked shaft



	Width
HF20034-7	6mm
HF20035-7	8mm
HF20036-7	11mm
HF20037-7	16mm

Kerrison Laminectomy Punch

• 90° jaw angle



90° UPWARD JAW

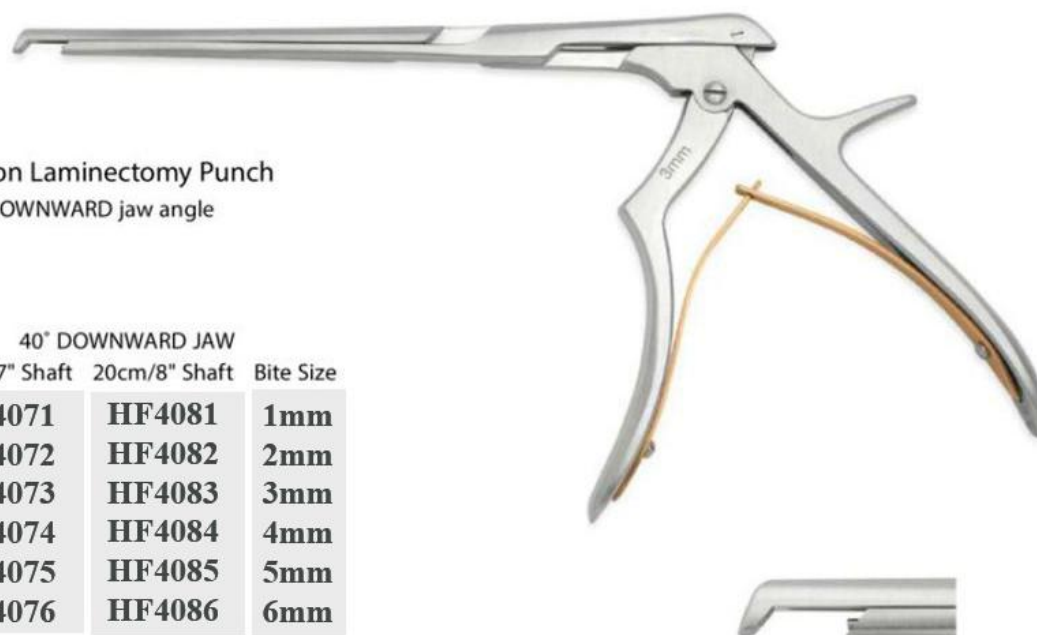
18cm/7" Shaft	20cm/8" Shaft	Bite Size
HF9071	HF9081	1mm
HF9072	HF9082	2mm
HF9073	HF9083	3mm
HF9074	HF9084	4mm
HF9075	HF9085	5mm
HF9076	HF9086	6mm

90° DOWNWARD JAW

18cm/7" Shaft	20cm/8" Shaft	Bite Size
HF9077	HF9089	1mm
HF9078	HF9090	2mm
HF9079	HF9091	3mm
HF9080	HF9092	4mm
HF9087	HF9093	5mm
HF9088	HF9094	6mm

Kerrison Laminectomy Punch

• 40° DOWNWARD jaw angle



40° DOWNWARD JAW

18cm/7" Shaft	20cm/8" Shaft	Bite Size
HF4071	HF4081	1mm
HF4072	HF4082	2mm
HF4073	HF4083	3mm
HF4074	HF4084	4mm
HF4075	HF4085	5mm
HF4076	HF4086	6mm

40° DOWNWARD

Frazier Suction Tube

• 17cm/6 ¾" length

29



	FG	Diameter
HF9041-1	6FG	2.0mmØ
HF9042-1	7FG	2.3mmØ
HF9043-1	8FG	2.7mmØ
HF9044-1	9FG	3.0mmØ
HF9045-1	10FG	3.3mmØ
HF9046-1	11FG	3.7mmØ

Frazier Suction Tube

• 23cm/9" length



	FG	Diameter
HF9041-2	6FG	2.0mm
HF9042-2	7FG	2.3mm
HF9043-2	8FG	2.7mm
HF9044-2	9FG	3.0mm
HF9045-2	10FG	3.3mm
HF9046-2	11FG	3.7mm

Bayonet Dissecting Forceps



19cm/7 ½"	Tip Size
HF9701-19	1mm
HF9702-19	2mm

21cm/8 ½"	Tip Size
HF9701-21	1mm
HF9702-21	2mm

Lempert Curette

• 21cm/8 1/4" overall length



Straight	Cup Size	Angled	Cup Size
HF20075	00000	HF20090	00000
HF20076	0000	HF20091	0000
HF20077	000	HF20092	000
HF20078	00	HF20093	00
HF20079	0	HF20094	0
HF20080	1	HF20096	1

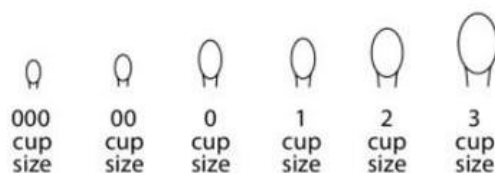


Bruns Curette

• 23cm/9" overall length



Straight	Cup Size	Angled	Cup Size
HF20097-2	000	HF30004	000
HF20098-2	00	HF30005	00
HF20099-2	0	HF30006	0
HF30001-2	1	HF30007	1
HF30002-2	2	HF30008	2
HF30003-2	3	HF30009	3



Tufnol Handle Micro Curette

• 26cm/10" overall length



Straight	Cup Size	Angled	Cup Size
HF30010	0000	HF30015	0000
HF30011	000	HF30016	000
HF30012	00	HF30017	00
HF30013	0	HF30018	0
HF30014	1	HF30019	1



Light-Grip Cervical Curettes

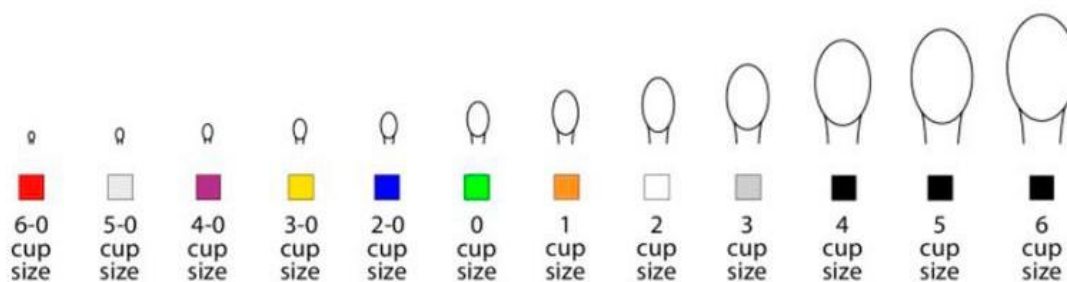
- 26cm/10 1/4" overall length
- 13cm/5 1/4" handle length
- Colour coded handles



Light-Grip Cervical Curette Rack
Holds 12 Cervical Curettes

MS7404-90

			
Cup Size	Straight	Forward Angled	Down Angled
 6-0	HF30056	HF30068	HF30089
 5-0	HF30057	HF30069	HF30090
 4-0	HF30058	HF30070	HF30091
 3-0	HF30059	HF30080	HF30092
 2-0	HF30060	HF30081	HF30093
 0	HF30061	HF30082	HF30094
 1	HF30062	HF30083	HF30095
 2	HF30063	HF30084	HF30096
 3	HF30064	HF30085	HF30097
 4	HF30065	HF30086	HF30098
 5	HF30066	HF30087	HF30099
 6	HF30067	HF30088	HF30999



Zielke Curette

- 21cm/8 1/4" overall length



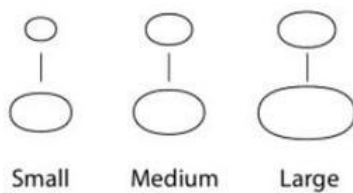
Straight	Size	Angled	Size
HF40030-4	8mm	HF40032-3	8mm
HF40031-4	11mm	HF40033-3	11mm

Volkman Double Ended Curette

- 22cm/8 3/4" overall length

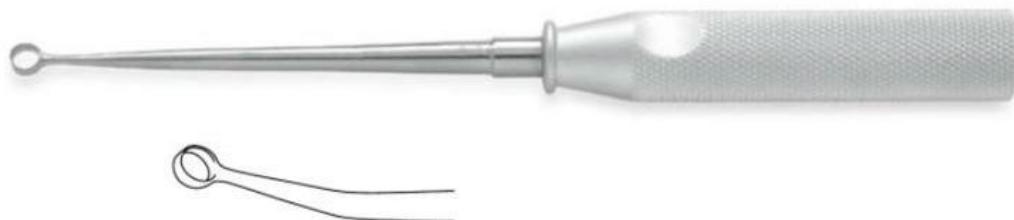


	Size
HF40034-22	small
HF40035-22	medium
HF40036-23	large



Cones Ring Curette

• 23cm/9" overall length



Straight	Ring Size	Angled	Ring Size		
HF40037	3mm	HF40040	3mm		3mm ring size
HF40038	6mm	HF40041	6mm		6mm ring size
HF40039	8mm	HF40042	8mm		8mm ring size

Karl Ring Curette

• 32.5cm/12 3/4" overall length



Straight	Ring Size	Angled	Ring Size		
HF40043	6mm	HF40046	6mm		6mm ring size
HF40044	8mm	HF40047	8mm		8mm ring size
HF40045	10mm	HF40048	10mm		10mm ring size

Light-Grip Lumbar Curettes

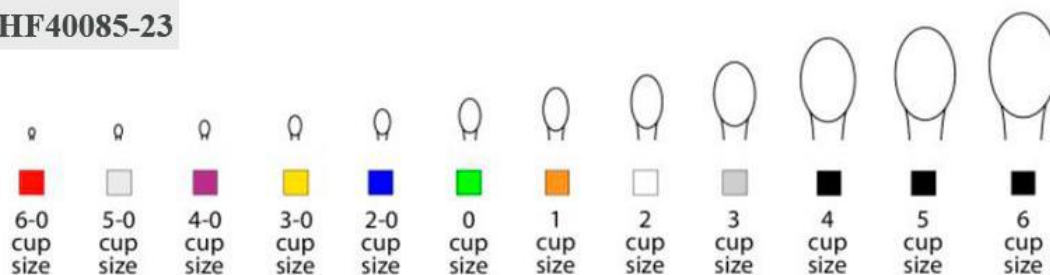
- 34cm/13 1/2" overall length
- 20cm/8" handle length
- Colour coded handles



			
Cup Size	Straight	Forward Angled	Down Angled
 6-0	HF40049	HF40061	HF40073
 5-0	HF40050	HF40062	HF40074
 4-0	HF40051	HF40063	HF40075
 3-0	HF40052	HF40064	HF40076
 2-0	HF40053	HF40065	HF40077
 0	HF40054	HF40066	HF40078
 1	HF40055	HF40067	HF40079
 2	HF40056	HF40068	HF40080
 3	HF40057	HF40069	HF40081
 4	HF40058	HF40070	HF40082
 5	HF40059	HF40071	HF40083
 6	HF40060	HF40072	HF40084

Light-Grip Lumbar Curette Rack
Holds 12 Lumbar Curettes

HF40085-23



Drill Guide

HF40086-1 Right



HF40087-2 Left



Screw Driver

HF40088-6



Distraction Drill

- For pre-drilling pilot holes for distraction screws in combination with the drill guide
- Drill 2mmØ

HF40089-2



Caspar Distraction Screws

- 7cm/2¾" post length
- Sterile packed

Thread length



	Thread length
HF40090-5	12mm
HF40091-4	14mm
HF40092-9	16mm



Supplied sterile in boxes of 10

Cervical Vertebral Spreader

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

	Depth
HF40093	70mm
HF40094	95mm



Cloward Cervical Spreader

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

HF40095



Cloward Lamina Spreader

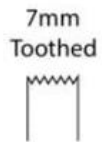
- 15cm/6" length

HF40096

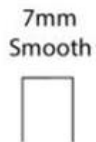


Baby Inge Lamina Spreader

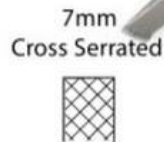
- 18cm/7" length



HF40097



HF40098



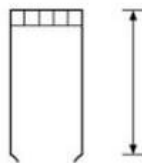
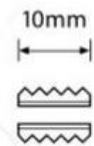
HF40099



Inge Lamina Spreader

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

HF50031-2



Scaglietti Lamina Spreader

- 28cm/11" length
- With speed lock

HF50032



Long Anterior Lamina Spreader

- 28cm/11" length
- Max opening 40mm

HF50033



Pedicle Probe

- 22.5cm/8 ¾" length
- Graduated with ball tip

HF0034-C2



Pedicle Probe

- 27.5cm/11 ½" length
- Graduated with ball tip

HF50035-C2



Adson Dural Hook

- 19cm/7 ½" length
- 3mm tip length

Sharp

HF50036-C2

Blunt

HF50037-C2



Weary Blunt Nerve Hook

- 19.5cm/7 ¾" length
- 6mm fine tip length

HF50038-C2



Crile Blunt Hook

- 20cm/8" length
- 7mm tip length

HF50039-C2



Emmet Sharp Hook

- 22cm/8 ¾" length
- 5mm tip length

HF50040-C2



Cushing Blunt Hook

- 28cm/11" length
- 5mm tip length

HF50041-C2



Love Bayonet Nerve Root Retractor

- 21cm/8 ¼" length

	Width
HF50042	4mm



Krayenbuhl Nerve Root Retractor

- Double bayonet

	Width
21cm/8 ¼" HF50043	3mm
24cm/9 ½" HF50044	4mm



Caspar Bayonet Nerve Root Retractor

- 24cm/9 ½" length

	Width
HF50045	4mm
HF50046	6mm



O'Connell Nerve Root Retractor

- 21.5cm/8 ½" length

HF50047



Love Nerve Root Retractor

- 22cm/8 ¾" length
- 5mm tip width

	Straight
HF50048	25° Angled*
HF50049	90° Angled



McCulloch Nerve R

- 12.5cm/5" working le
- 90° angled
- 6mm tip

HF50050



Titanium Micro Curettes

- 19cm/7 ½" length

No.13



Small Cup

HF50051-4

No.14



Large Cup

HF50052-4


Titanium Micro Ball Dissectors

- 19cm/7 ½" length

No.15



Straight

HF50053-4

No.16



90° 3mm Tip

HF50054-4

No.17



90° 5mm Tip

HF50055-4

No.18



40° 4mm Tip

HF50056-4

No.19



40° 8mm Tip

HF50057-4


Complete Set

- Including Rack and 19 Micro Dissectors

HF50058-4


Dissector Sterilising Rack

- To hold 19 Micro Dissectors

HF50059-4

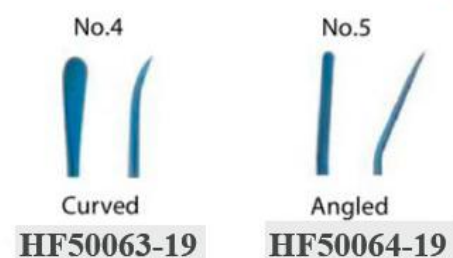

Titanium Micro Round Dissectors

• 19cm/7 ½" length



Titanium Micro Elevators

• 19cm/7 ½" length



Titanium Micro Spatula Dissectors

• 19cm/7 ½" length



Titanium Micro Hooks

• 19cm/7 ½" length



HOOKS & PROBES

Adson Hook

- 20cm/8" length
- 5mm tip length



Ball Tipped Probe

- 23cm/9" length
- 2mm Ø ball



Ball Tipped Probe - Fine Pattern

- 23cm/9" length
- 1mm Ø ball



Manipulation Hook

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

HF50080-2

Blalock Blunt Hook

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

HF50081-2

Caspar Exploration Hook Insulated

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



Irwin S/R Retractor

- 17.5cm/6 ¾" length
- 4 x 4 Sharp prongs
- Prong depth 20mm

HF50086-17



Travers S/R Retractor

- 20cm/8" length
- 4 x 5 Blunt prongs
- Prong depth 26mm

HF50087-17



Norfolk and Norwich S/R Retractor

- 20cm/8" length
- 4 x 5 Blunt prongs
- Prong depth 50mm x 23mm width

HF50088-17



Norfolk and Norwich Deeper Prongs S/R Retractor

- 20cm/8" length
- 4 x 5 Blunt prongs
- Prong depth 70mm x 23mm width

HF50089-17



West's S/R Retractor

- 14cm/5 ½" length
- 3 x 4 Sharp prongs
- Prong depth 18mm

HF50090-14



Weitlaner S/R Retractor

- 14cm/5 ½" length
- 3 x 4 Blunt prongs
- Prong depth 18mm

HF50091-14

Mollison S/R Retractor - Child

- 13cm/5 ¼" length
- 2 x 2 Sharp prongs 12mm depth

HF50092-14



Mollison S/R Retractor - Adult

- 17cm/6 ¾" length
- 4 x 4 Sharp prongs 15mm depth

HF50093-14



Jefferson S/R Retractor

- 13cm/5 ¼" length
- 3 x 4 Blunt prongs 16mm depth

HF50094-14



Meyerding Retractor

- 22.5cm/9" length

	Blade size
HF50095-1	50mm x 16mm
HF50096-1	75mm x 25mm
HF50097-1	90mm x 50mm



Langenbeck Retractor

- 21.5cm/8 1/2" length

	Blade size	
HF50098-1	22mm x 6mm	Small
HF50099-1	45mm x 13mm	Medium
HF60000-1	65mm x 25mm	Large
HF60001-1	90mm x 20mm	X-Large



Taylor Hip Retractor

- 19cm/7 1/2" length

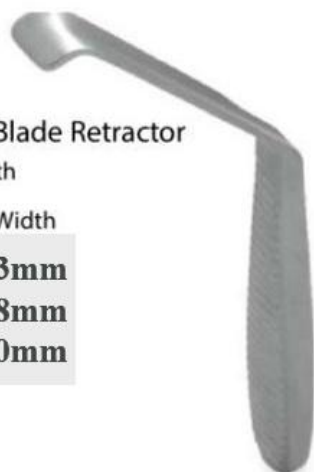
	Depth
HF60002	70mm
HF60003	85mm
HF60004	100mm



Cloward Style Blade Retractor

- 11cm/4 1/4" length

	Width
HF60006	13mm
HF60007	18mm
HF60008	20mm



Volkman Catspaw Retractor

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



15 x 15mm
3 Prong

HF60005



15 x 20mm
4 Prong

HF60006



15 x 30mm
6 Prong

HF60009



Shepperd Suction Nerve Root Retractor

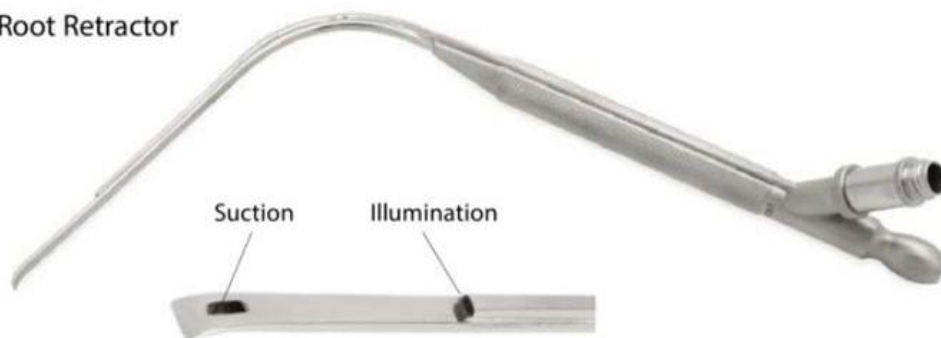
- With suction aspiration
- Fibre optic illumination
- 4mm tip width

26cm/10 ½" length

HF50001

31cm/12 ¼" length

HF50002



Nerve Root Retractor

- 31cm/12" length
- With suction
- 7mm tip width

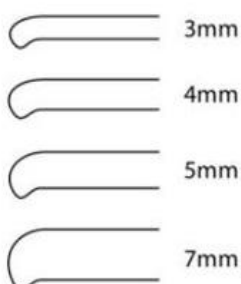
HF50003



Hess Nerve Root Retractor

- 19cm/7 ½" length

	Width
HF50004	3mm
HF50005	4mm
HF50006	5mm
HF50007	7mm



Nerve Root Retractor

- 19cm/7 ½" length
- With fibre optic illumination



	Width
HF50008	3mm
HF50009	5mm

Cones Self Retaining Retractor

- 3x4 Prongs
- Jointed arms



Blunt Prongs	Length	Depth	Sharp Prongs	Length	Depth
HF50010	13cm/5"	15mm	HF50014	13cm/5"	15mm
HF50011	16cm/6 ½"	15mm	HF50015	16cm/6 ½"	15mm
HF50012	20cm/8"	20mm	HF50016	20cm/8"	20mm
HF50013	24cm/9 ½"	25mm	HF50017	24cm/9 ½"	25mm

Harvey Jackson Self Retaining Retractor

- 30.5cm/12" length
- Prong depth 45mm
- 3x3 Sharp prongs

HF50018



Beckman - Adson Retractor

- 33cm/13" length
- 4 x 5 Blunt prongs
- Prong depth 32mm
- Jointed arms

HF50019



Cobb Spinal Elevator

- 26cm/10 ¼" length



	Width
HF5250-07	12mm
HF5250-08	19mm

Spinal Osteotome

- 22cm/8 ½" length



	Width
HF5250-03	4mm
HF5250-04	6mm

'Hockey Stick' Chisel

- 22cm/8 ¾" length
- 5mm width



HF5250-05	Curved right
HF5250-06	Curved left

Elevator Double Ended

- 24cm/9 ¾" length



HF5250-01

McCulloch Suction Tube

- 23cm/9" length
- Fenestrated tip



	FG	Diameter
HF5250-09	6FG	2.0mm
HF5250-10	7FG	2.3mm
HF5250-11	9FG	3.0mm
HF5250-12	12 FG	4.0mm

McCulloch Nerve Root Retractor

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

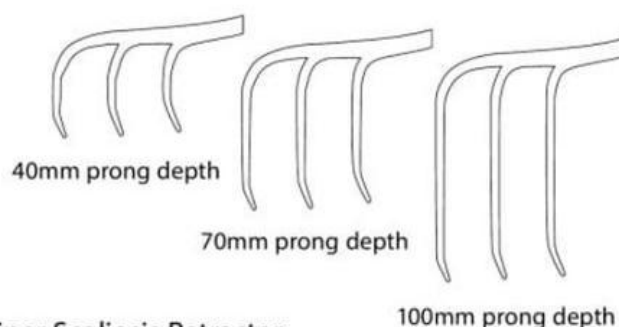
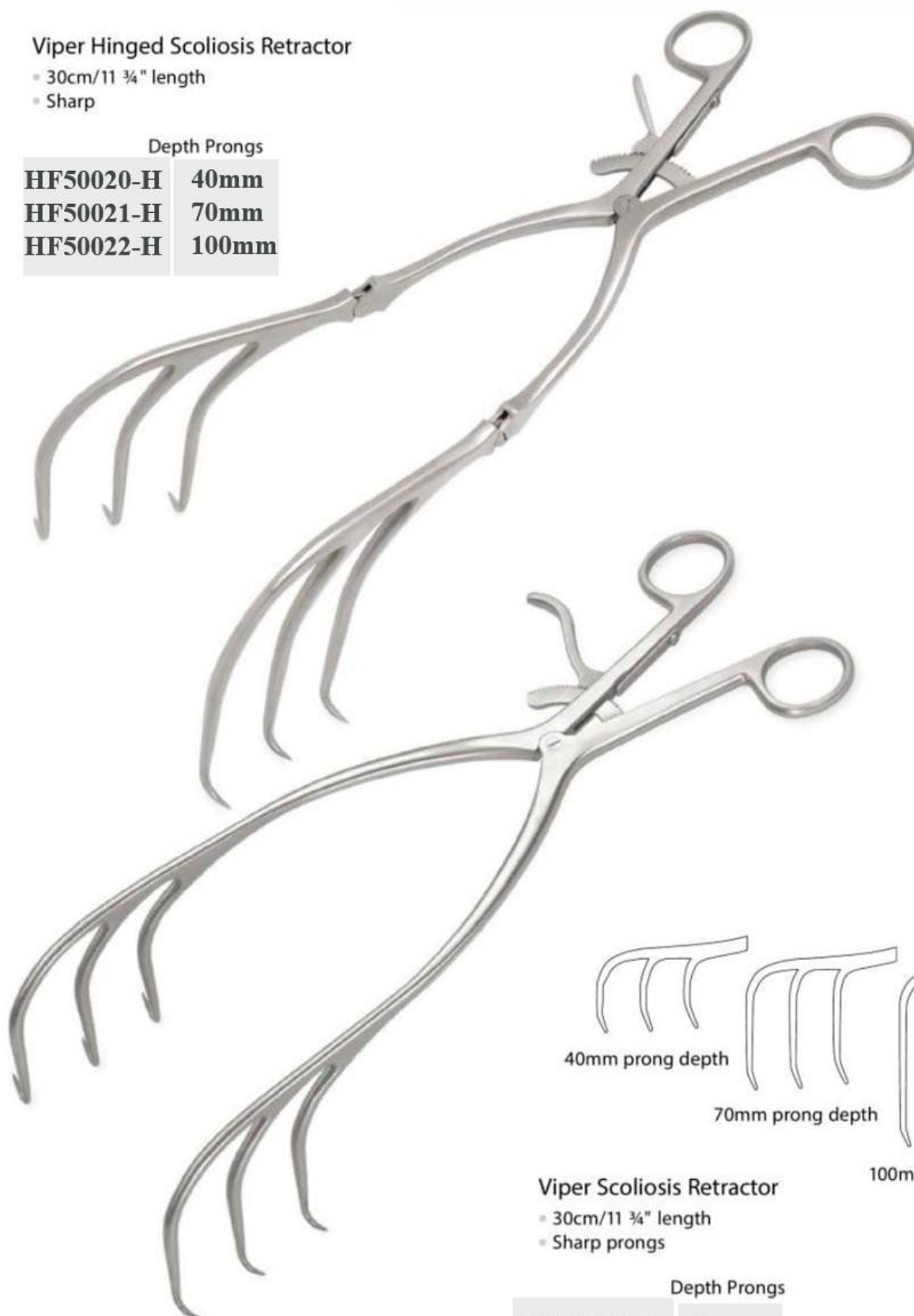


HF5250-02

Viper Hinged Scoliosis Retractor

- 30cm/11 ¾" length
- Sharp

	Depth Prongs
HF50020-H	40mm
HF50021-H	70mm
HF50022-H	100mm



Viper Scoliosis Retractor

- 30cm/11 ¾" length
- Sharp prongs

	Depth Prongs
HF50023-38	40mm
HF50024-38	70mm
HF50025-38	100mm



- This Specialist Retractor allows the consultant the optimal exposure to the disc with the minimum incision.
- The design of the retractor allows unhindered access around the wound with the jointed arms folding along the patients back.

- The black finish eliminates distracting reflections under the microscope during surgery.
- The wide selection of blades available allows the surgeon full flexibility in approaches to the disc.

Basic McCulloch Retractor Set

HF5200-0

Complete set consisting of:

Qty	Order Code	Description
2 each	HF5202-0	Retractor Frame
6 pears	HF5204-4	Wide Muscle Blades Sizes 4cm to 7cm depth
6 pears	HF5206-4	Narrow Muscle Blades Sizes 4cm to 7cm depth
6 each	HF5208-4	Hook Blades Sizes 3cm to 6cm depth
6 each	HF5210-4	Toothed Blades Sizes 3cm to 6cm depth
1 each	HF5211-4	Instrument Container

Extended McCulloch Retractor Set

HF5200-0

Complete set consisting of:

Qty	Order Code	Description
2 each	HF5202-0	Retractor Frames
6 pears	HF5204-6	Wide Muscle Blades Sizes 3cm to 8cm depth
6 pears	HF5206-6	Narrow Muscle Blades Sizes 3cm to 8cm depth
6 each	HF5208-6	Hook Blades Sizes 2cm to 7cm depth
6 each	HF5210-6	Toothed Blades Sizes 2cm to 7cm depth
1 each	HF5020-6	Instrument Container



An advanced cervical retractor system suitable for both anterior and posterior cervical surgery but with attachments for micro discectomy surgery.

Basic 'Black Belt' Cervical Retractor System

7320-00

Complete set consisting of:

Qty	Order Code	Description
1	7320-10	Retractor Frame RIGHT
1	7320-20	Retractor Frame LEFT
1	7320-30	Retractor Frame OFFSET
2	7320-40	Blade Insertion Clamps
14	7322-34/70	Pronged Blades 34mm-70mm
14	7324-34/70	Blunt Blades 34mm-70mm
12	7326-40/55	Two Level Pronged Blades 40mm-55mm
6	7328-40/55	Two Level Blunt Blades 40mm-55mm
1	7320-50	Container

Extended 'Black Belt' Cervical Retractor System

7320-05

Consisting of:

Standard 'Black Belt' Retractor with the addition of Micro Discectomy Attachments as detailed on page 56.

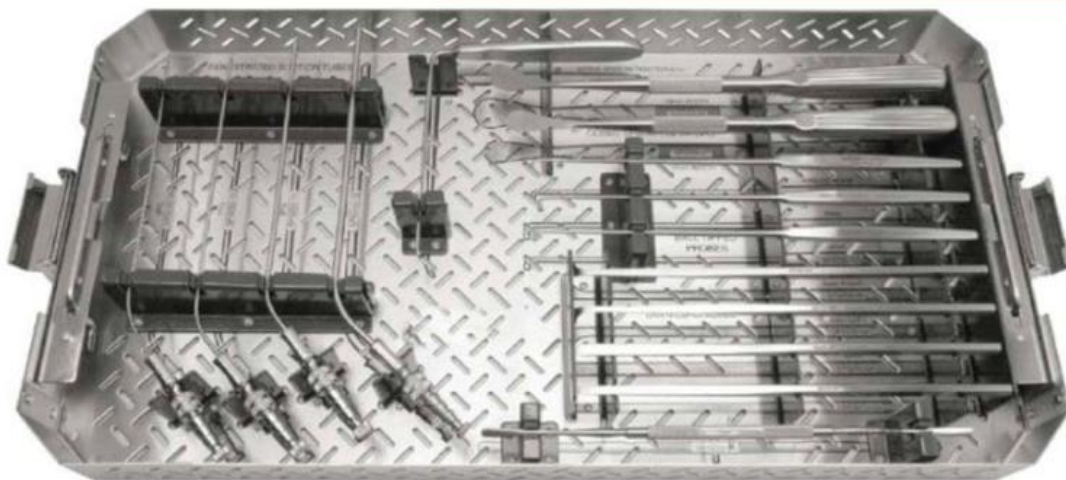
Coloured Titanium

Extended 'Black Belt' Cervical Retractor System

7320-0

Complete set consisting of:

Qty	Order Code	Description
1	7320-1020	Retractor Frame RIGHT
1	7320-20	Retractor Frame LEFT
1	7320-30	Retractor Frame OFFSET
2	7320-40	Blade Insertion Clamps
14	7322-34/70	Pronged Blades 34mm-70mm
14	7324-34/70	Blunt Blades 34mm-70mm
12	7326-40/55	Two Level Pronged Blades 40mm-55mm
6	7328-40/55	Two Level Blunt Blades 40mm-55mm
1	7320-50	Container
1	7321-10	Micro Disc attachment
1	7321-20	Spike Blade
1	7321-30	T-Shape Blade
1	7321-40	Inner Spine Ligament Blade
1	7321-85	Pronged Blade 85mm depth



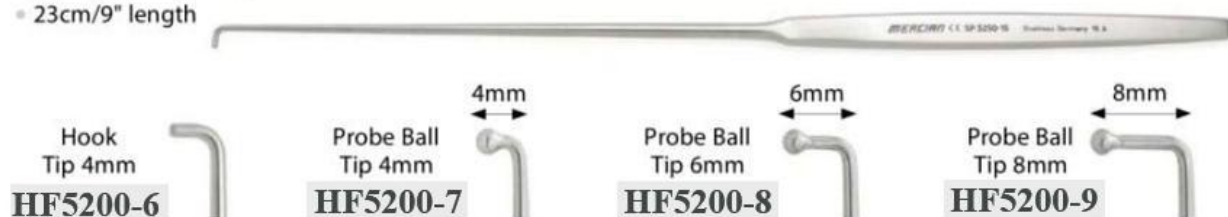
McCulloch Style Intrument Set with Container **HF5200-5**

Complete set consisting of:

Qty	Order Code	Description
1	HF52501	McCulloch Spinal Hook, 4mm tip - 23cm/9" length
1	HF52502	McCulloch Spinal Probe, 4mm tip - 23cm/9" length
1	HF52503	McCulloch Spinal Probe, 6mm tip - 23cm/9" length
1	HF52504	Cobb Spinal Elevator, 12mm width - 26cm/10 ¼" length
1	HF52505	Cobb Spinal Elevator, 19mm width - 26cm/10 ¼" length
1	HF52506	Spinal Osteotome, 4mm width - 22cm/8 ½" length
1	HF52507	Spinal Osteotome, 6mm width - 22cm/8 ½" length
1	HF52508	'Hockey Stick' Chisel, 5mm width - 22cm/8 ½" length, curved right
1	HF52509	'Hockey Stick' Chisel, 5mm width - 22cm/8 ½" length, curved left
1	HF525010	Elevator Double Ended, 24cm/9 ¾" length
1	HF525011	McCulloch Suction Tube, Fenestrated tip, 23cm/9" length, 6FG, 2.0mm Ø
1	HF525012	McCulloch Suction Tube, Fenestrated tip, 23cm/9" length, 7FG, 2.3mm Ø
1	HF525013	McCulloch Suction Tube, Fenestrated tip, 23cm/9" length, 9FG, 3.0mm Ø
1	HF525014	McCulloch Suction Tube, Fenestrated tip, 23cm/9" length, 12FG, 4.0mm Ø
1	HF525015	McCulloch Nerve Root Retractor, 9 0° angled, 6mm tip, 12.5cm/5" working length

McCulloch Style Spinal Hook/Probe

• 23cm/9" length



LEVEL 3



LEVEL 2



LEVEL 1





- **Black Belt Micro Discectomy Retractor Set**
A specialist retractor for Lumbar Micro Discectomy Surgery featuring:

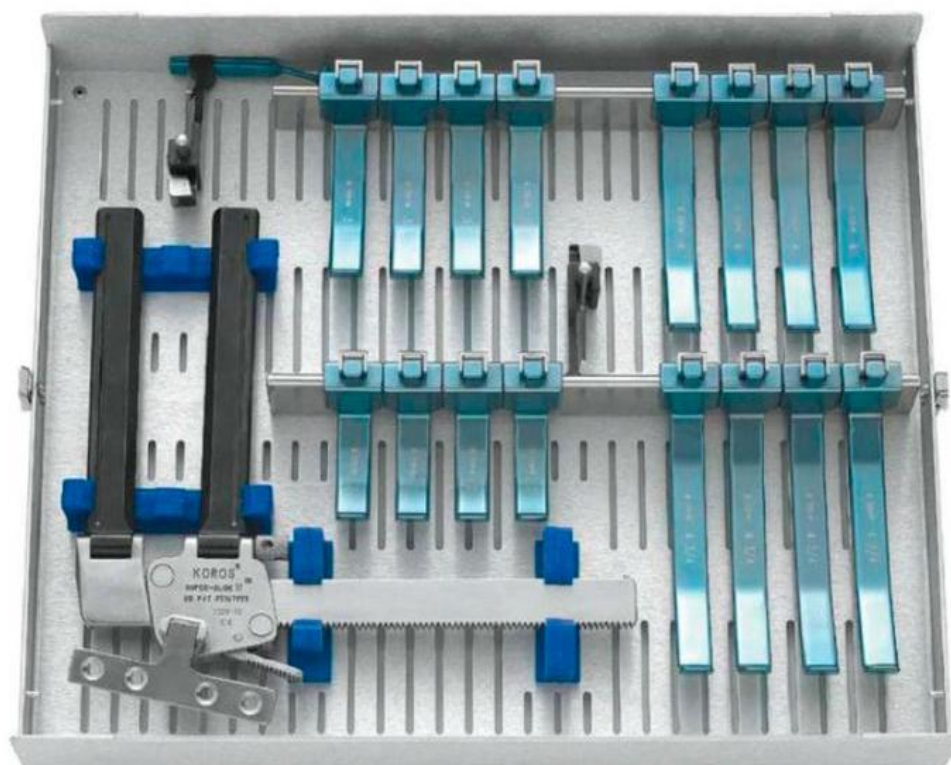
- Jointed retractor arms
- Adjustable blade depth
- Range of pronged blades
- Powerful ratchet action with quick release mechanism

7276-00 Complete Set

Complete set consisting of:

Qty	Order Code	Description
1	7276-10	Retractor Frame
1	7276-15	Blade Inserting Clamp
1	7276-20	Spike Blade
1	7276-30	T-Shape Blade
1	7276-35	Inner Spine - Ligament Blade
1	7276-40	Pronged Blade 40mm
1	7276-45	Pronged Blade 45mm
1	7276-50	Pronged Blade 50mm
1	7276-60	Pronged Blade 60mm
1	7276-70	Pronged Blade 70mm
1	7276-85	Pronged Blade 85mm
1	7276-90	Sterilising Container





- ✓ A powerful retractor with a selection of blade depths which can be positioned anywhere along the retractor arms. Allows excellent exposure of the spine in Pedicle Screw and Laminectomy procedures.

Super-Slide Retractor Basic Set

7329-00

Complete set consisting of:

Qty	Order Code	Description
1	7329-10	Retractor Frame
4	7329-20	Small Blades 2" depth
4	7329-30	Medium Blades 3" depth
4	7329-40	Large Blades 4" depth
1	7329-50	Instrument Container

Super-Slide Retractor Extended Set

7329-05 Includes components of basic set plus:

Qty	Order Code	Description
4	7329-47	Supplementary Blades 4¾" depth
2	7329-60	Unilateral Blade heads
2	7329-62	Unilateral T-Blades

Titanium Super-Slide Retractor Basic Set

7329-06

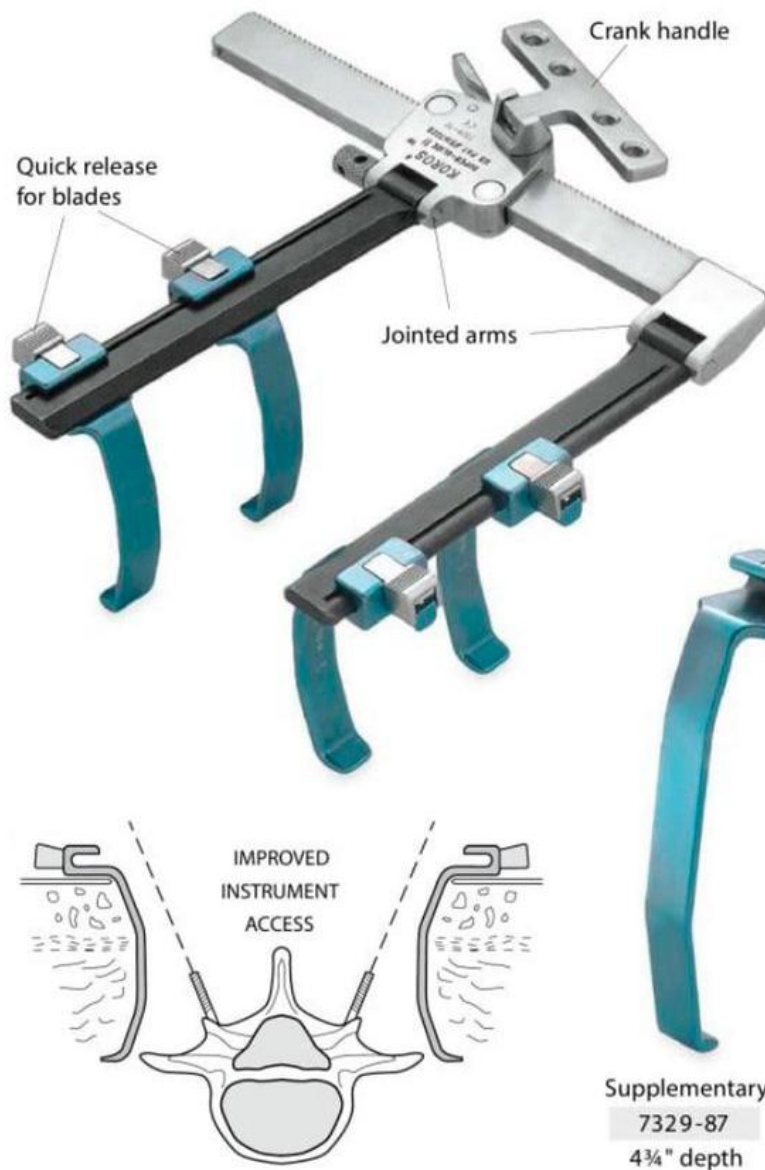
Complete set consisting of:

Qty	Order Code	Description
1	7329-10	Retractor Frame
4	7329-82	Small Titanium Blades 2" depth
4	7329-84	Medium Titanium Blades 3" depth
4	7329-86	Large Titanium Blades 4" depth
1	7329-90	Instrument Container

Titanium Super-Slide Retractor Extended Set

7329-09 Includes components of titanium basic set plus:

Qty	Order Code	Description
4	7329-87	Supplementary Titanium Blades 4¾" depth
2	7329-60	Unilateral Blade Heads
2	7329-62	Unilateral Titanium T-Blades



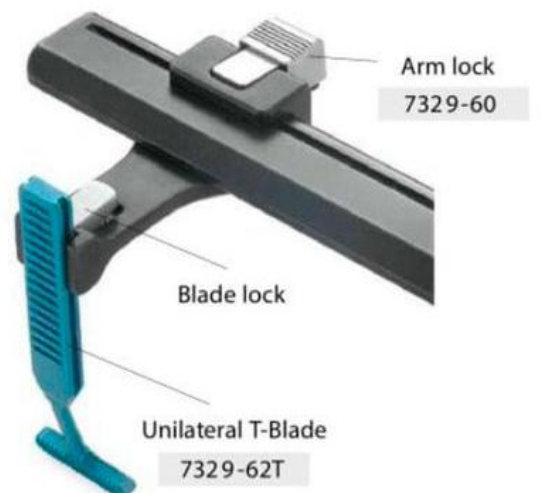
Super-Slide Retractor Blades

- Will not slip out of wound during surgery
- Narrow blade design minimises potential of tissue necrosis at blade and tissue contact point
- Blades feature quick release locking system



Unilateral Blade Attachment

- Blades lock into any chosen position along the retractor arms and may be changed at any time during surgery
- Arm locks allow the surgeon the choice of either attaching to the retractor arms then placing the unit into the wound or placing the blades into the wound then engaging the frame arms
- To obtain a unilateral exposure, use the unilateral blade attachments contained in the extended set. The T-Blade is designed to attain a firm purchase on the Spinous process
- The T-Blade can be adjusted to the correct depth with the blade lock





- Full jointed retractor arms
- Black non-glare finish
- Wide blade range
- Suitable for single or multi level retraction



Blades

- The blade shape is designed to resist climbing out of the surgical site
- The wider two level blades have an extra bend near the tip, which follows the contour of the vertebrae for visualising



22mm wide blunt blade

22mm wide pronged blade

27mm wide two level blunt blade

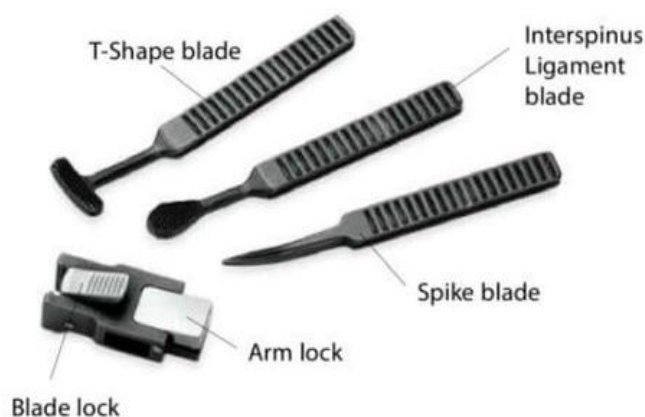
27mm wide two level pronged blade

17mm wide optional narrow Cervical blades 40mm to 60mm depth



Blade Inserter Clamp

- Spring loaded clamped jaws for easy blades engagement
- Clamp handles can minimal visual obstruction
- Blade/clamp assembly may be used for hand retraction
- Clamps are quickly/easily removed after retractor arms have securely engaged the blades



Lumbar Micro Discectomy Attachments

With this set the standard Cervical Retractor becomes a Lumbar Microdiscectomy Retractor unit.

7321-00

Complete set consisting of:

Qty	Order Code	Description
1	7321-10	Micro Disc attachment
1	7321-20	Spike Blade
1	7321-30	T-Shape Blade
1	7321-40	Inner Spine Ligament Blade
1	7322-85	Pronged Blade 85mm depth

Lateral Blades



Blade Ejector Forceps

HF5103-00



Specula Range



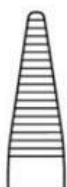
Caspar Micro Disectomy Retractor Frame

HF5102-00



Slim & Square Ended Wire Pliers

- 19cm/7 1/2" length



Slim Nose

HF7645-19

Serrated jaw



Square Ended*

HF7644-19



*illustrated

Muller Claus Wire Cutters

- Tungsten carbide edges

8-810E18

- 18cm/7" length*
- Cuts wire up to 2mm Ø

8-800E22

- 22cm/8 3/4" length
- Cuts wire up to 3mm Ø



*illustrated

Combined Wire Cutters & Pliers

- 18cm/7" length
- Suitable for wires up to 1.6mm Ø
- Parallel closing jaws

200-512-185

