



SOFT TECH  
SURGICAL

22

Spinal  
Instruments



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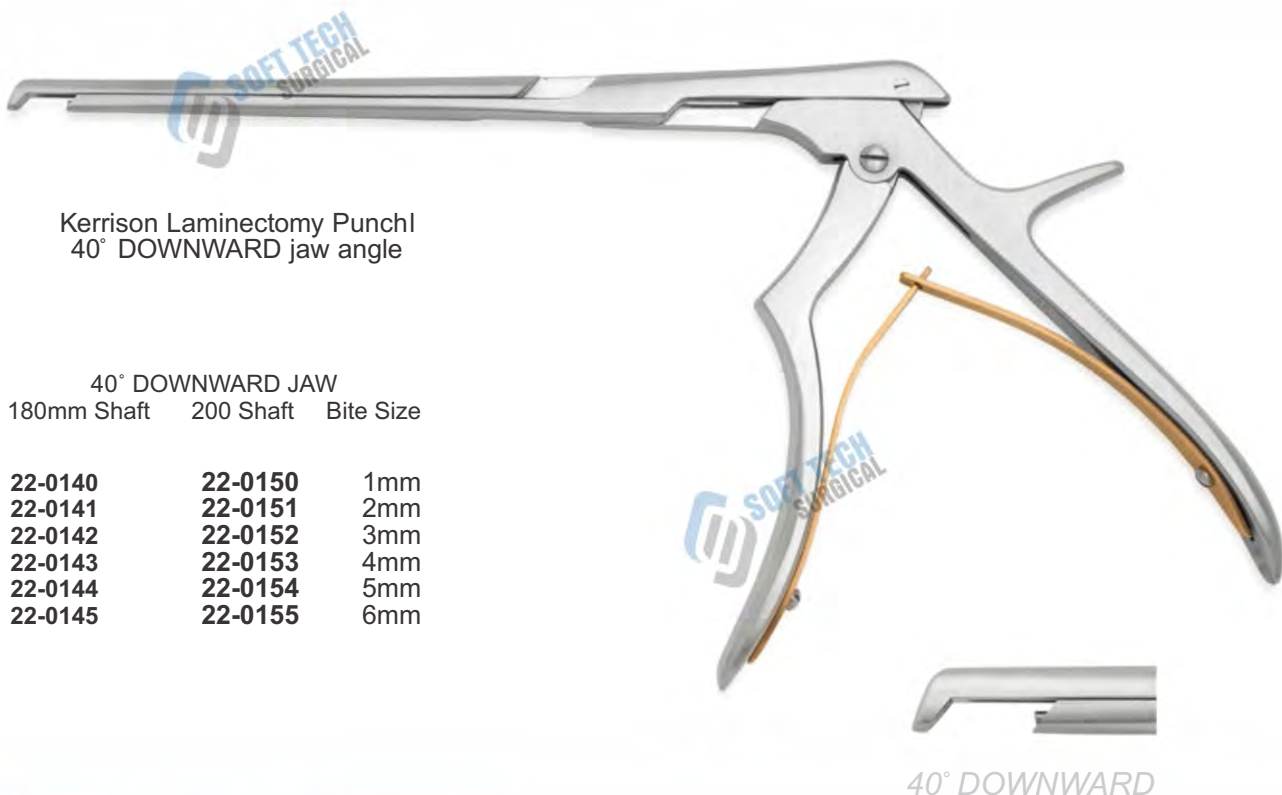
Kerrison Laminectomy Punch  
90° jaw angle

90° UPWARD JAW  
180mm Shaft 200mm Shaft Bite Size

22-0100	22-0110	1mm
22-0101	22-0111	2mm
22-0102	22-0112	3mm
22-0103	22-0113	4mm
22-0104	22-0114	5mm
22-0105	22-0115	6mm

90° DOWNWARD JAW  
180mmShaft 200mm Shaft Bite Size

22-0120	22-0130	1mm
22-0121	22-0131	2mm
22-0122	22-0132	3mm
22-0123	22-0133	4mm
22-0124	22-0134	5mm
22-0125	22-0135	6mm



Kerrison Laminectomy Punch  
40° DOWNWARD jaw angle

40° DOWNWARD JAW  
180mm Shaft 200 Shaft Bite Size

22-0140	22-0150	1mm
22-0141	22-0151	2mm
22-0142	22-0152	3mm
22-0143	22-0153	4mm
22-0144	22-0154	5mm
22-0145	22-0155	6mm



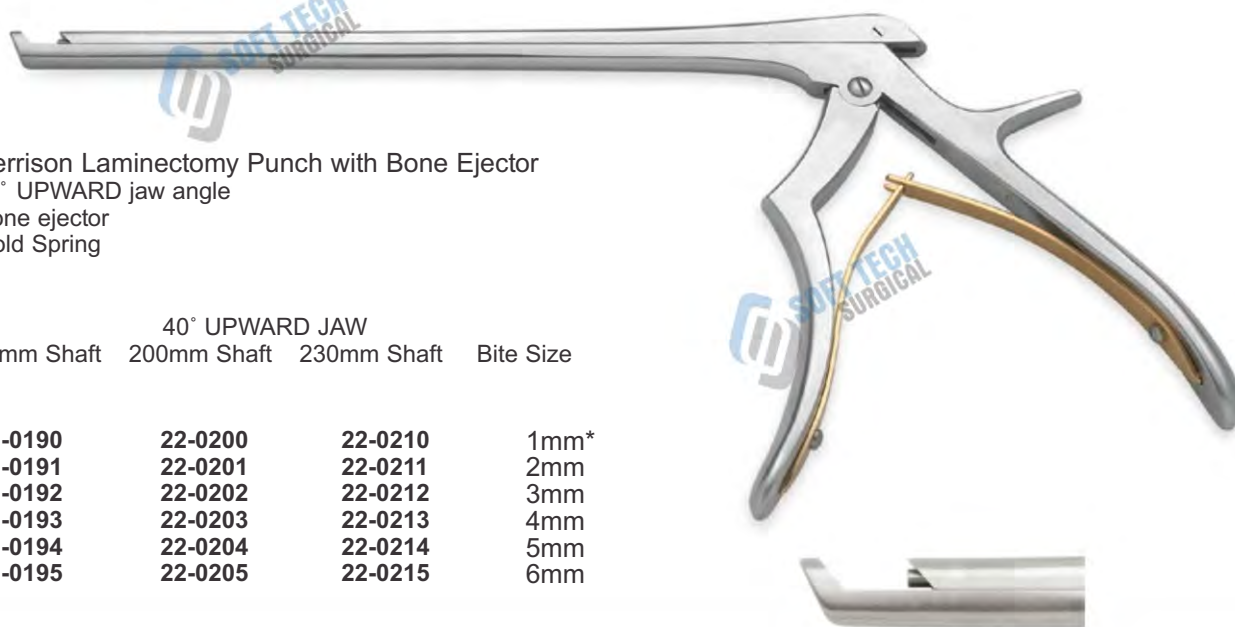
'Black Line' Kerrison Laminectomy Punch  
40° UPWARD jaw angle  
Black titanium coating & Gold Spring

40° UPWARD JAW			Bite Size
180mm Shaft	200mm Shaft	230mm Shaft	
22-0160	22-0170	22-0180	1mm
22-0161	22-0171	22-0181	2mm
22-0162	22-0172	22-0182	3mm
22-0163	22-0173	22-0183	4mm
22-0164	22-0174	22-0184	5mm
22-0165	22-0175	22-0185	6mm

\*1mm size not available with Bone Ejector



40° UPWARD



Kerrison Laminectomy Punch with Bone Ejector  
40° UPWARD jaw angle  
Bone ejector  
Gold Spring

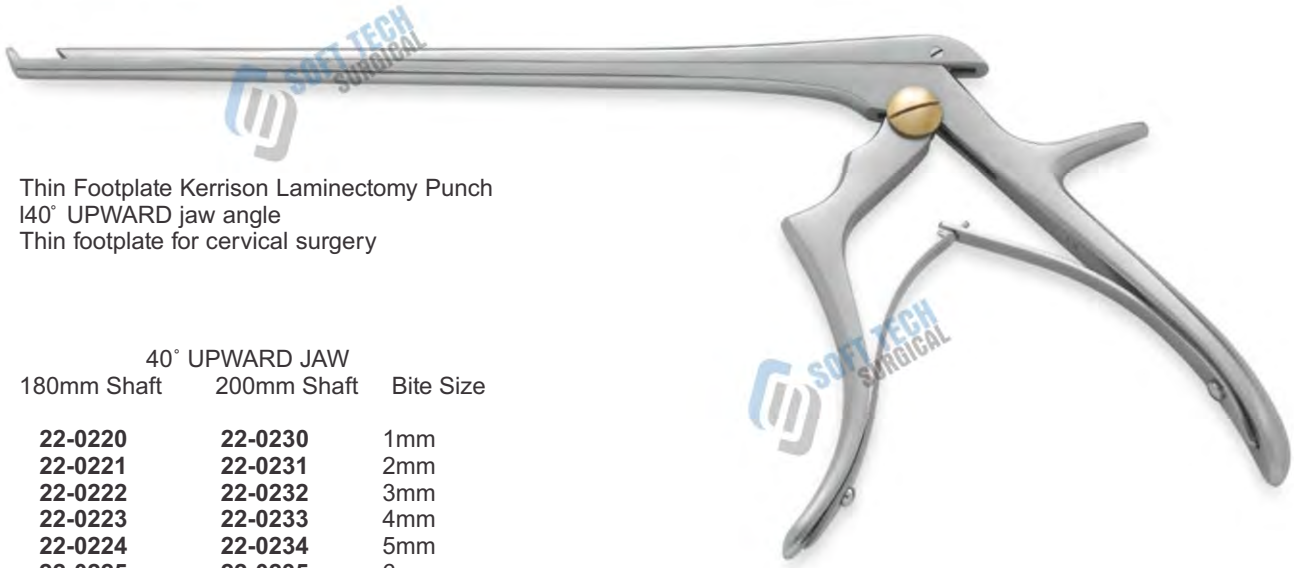
40° UPWARD JAW			Bite Size
180mm Shaft	200mm Shaft	230mm Shaft	
22-0190	22-0200	22-0210	1mm*
22-0191	22-0201	22-0211	2mm
22-0192	22-0202	22-0212	3mm
22-0193	22-0203	22-0213	4mm
22-0194	22-0204	22-0214	5mm
22-0195	22-0205	22-0215	6mm

\*1mm size not available with Bone Ejector



40° UPWARD

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Thin Footplate Kerrison Laminectomy Punch  
140° UPWARD jaw angle  
Thin footplate for cervical surgery

40° UPWARD JAW		
180mm Shaft	200mm Shaft	Bite Size
<b>22-0220</b>	<b>22-0230</b>	1mm
<b>22-0221</b>	<b>22-0231</b>	2mm
<b>22-0222</b>	<b>22-0232</b>	3mm
<b>22-0223</b>	<b>22-0233</b>	4mm
<b>22-0224</b>	<b>22-0234</b>	5mm
<b>22-0225</b>	<b>22-0235</b>	6mm

Reduced footplate



40° UPWARD

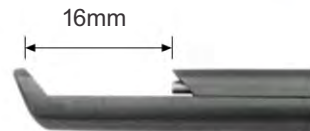
A reduced footplate thickness useful for a restricted operating area



Wide Opening Kerrison Laminectomy Punch  
40° UPWARD jaw angle  
16mm wide opening jaw  
Bone ejector  
Black Titanium coating & Gold spring

40° UPWARD JAW	
200mm Shaft	Bite Size
<b>22-0240</b>	1mm*
<b>22-0241</b>	2mm
<b>22-0242</b>	3mm
<b>22-0243</b>	4mm
<b>22-0244</b>	5mm
<b>22-0245</b>	6mm

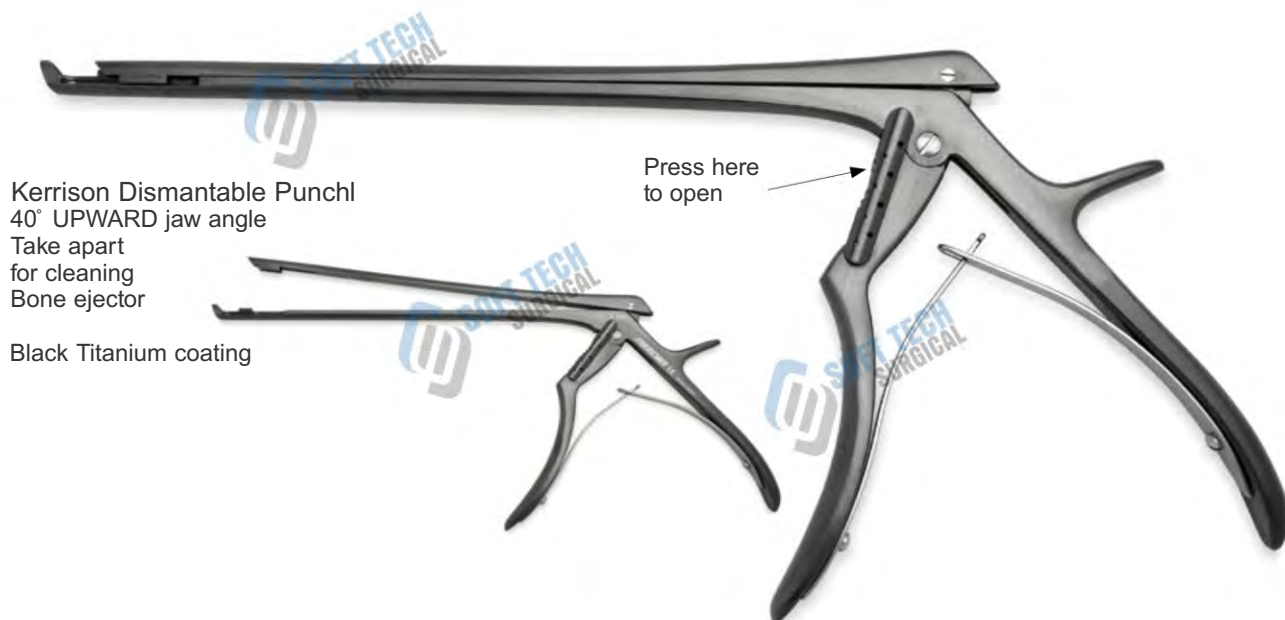
Wide opening jaws allowing the surgeon to envelope more bone



40° UPWARD

\*1mm not available with bone ejector





Kerrison Dismantable Punch  
40° UPWARD jaw angle  
Take apart  
for cleaning  
Bone ejector  
Black Titanium coating

		40° UPWARD JAW		
180mm Shaft	200mm Shaft	230mm Shaft		Bite Size
22-0250	22-0260	22-0270	1mm	
22-0251	22-0261	22-0271	2mm	
22-0252	22-0262	22-0272	3mm	
22-0253	22-0263	22-0273	4mm	
22-0254	22-0264	22-0274	5mm	
22-0255	22-0265	22-0275	6mm	



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

200mm Shaft	Bite Size
22-0280	2mm
22-0281	3mm
22-0282	4mm

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Long Anterior Kerrison Laminectomy Punch  
40° UPWARD jaw angle  
Extra-long shaft for thoracic approach  
Bone ejector

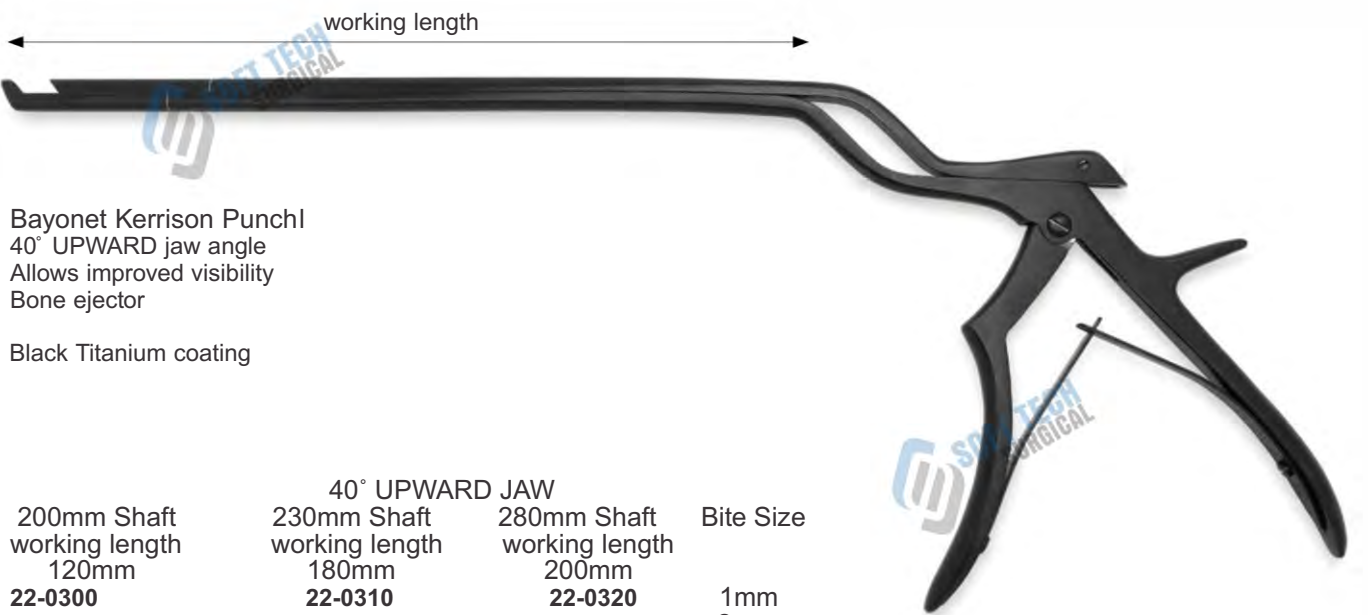
Black Titanium coating

40° UPWARD JAW	
280mm Shaft	Bite Size
<b>22-0290</b>	1mm*
<b>22-0291</b>	2mm
<b>22-0292</b>	3mm
<b>22-0293</b>	4mm
<b>22-0294</b>	5mm
<b>22-0295</b>	6mm



40° UPWARD

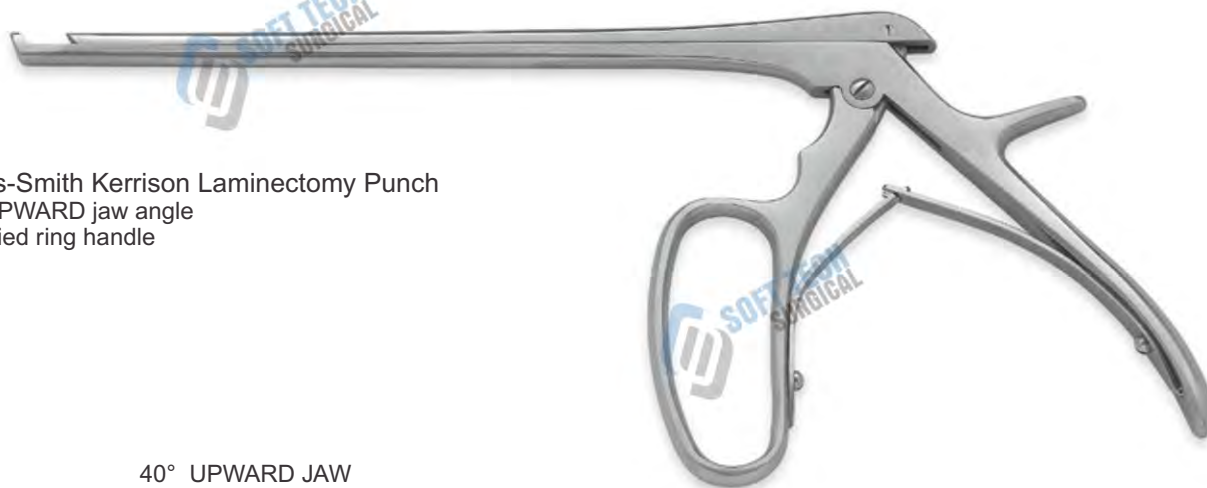
\*1mm not available with bone ejector



Bayonet Kerrison Punch  
40° UPWARD jaw angle  
Allows improved visibility  
Bone ejector

Black Titanium coating

40° UPWARD JAW			
200mm Shaft working length 120mm	230mm Shaft working length 180mm	280mm Shaft working length 200mm	Bite Size
<b>22-0300</b>	<b>22-0310</b>	<b>22-0320</b>	1mm
<b>22-0301</b>	<b>22-0311</b>	<b>22-0321</b>	2mm
<b>22-0302</b>	<b>22-0312</b>	<b>22-0322</b>	3mm
<b>22-0303</b>	<b>22-0313</b>	<b>22-0323</b>	4mm
<b>22-0304</b>	<b>22-0314</b>	<b>22-0324</b>	5mm



Ferris-Smith Kerrison Laminectomy Punch  
40° UPWARD jaw angle  
Modified ring handle

180mm Shaft	200mm Shaft	Bite Size
22-0330	22-0340	2mm
22-0331	22-0341	3mm
22-0332	22-0342	4mm
22-0333	22-0343	5mm
22-0334	22-0344	6mm



40° UPWARD

Intervertebral Disc Rongeur



STRAIGHT JAW

150mm Shaft	180mm Shaft	200mm Shaft	Bite Size
22-0350	22-0360	22-0370	1mm
22-0351	22-0361	22-0371	1.5mm
22-0352	22-0362	22-0372	2mm
22-0353	22-0363	22-0373	3mm
22-0354	22-0364	22-0374	4mm
22-0355	22-0365	22-0375	5mm
22-0356	22-0366	22-0376	6mm
22-0357	22-0367	22-0377	7mm

Intervertebral Disc Rongeur

150mm Shaft	40° ANGLED UPWARD JAW		Bite Size
	180mm Shaft	200mm Shaft	
22-0380	22-0390	22-0400	1mm
22-0381	22-0391	22-0401	1.5mm
22-0382	22-0392	22-0402	2mm
22-0383	22-0393	22-0403	3mm
22-0384	22-0394	22-0404	4mm
22-0385	22-0395	22-0405	5mm
22-0386	22-0396	22-0406	6mm
22-0387	22-0397	22-0407	7mm



Intervertebral Disc Rongeur

150mm Shaft	40° ANGLED DOWNWARD JAW		Bite Size
	180mm Shaft	200mm Shaft	
22-0410	22-0420	22-0430	1mm
22-0411	22-0421	22-0431	1.5mm
22-0412	22-0422	22-0432	2mm
22-0413	22-0423	22-0433	3mm
22-0414	22-0424	22-0434	4mm
22-0415	22-0425	22-0435	5mm
22-0416	22-0426	22-0436	6mm
22-0417	22-0427	22-0437	7mm

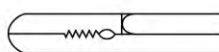




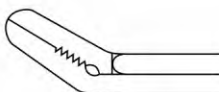
Caspar Toothed Disc Rongeur

Serrated and fenestrated jaws

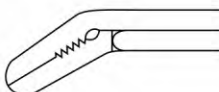
STRAIGHT JAW		Bite Size
160mm Shaft	180mm Shaft	
<b>22-0440</b>	<b>22-0450</b>	2mm
<b>22-0441</b>	<b>22-0451</b>	3mm
<b>22-0442</b>	<b>22-0452</b>	4mm
<b>22-0443</b>	<b>22-0453</b>	5mm



UPWARD JAW		Bite Size
160mm Shaft	180mm Shaft	
<b>22-0460</b>	<b>22-0470</b>	2mm
<b>22-0461</b>	<b>22-0471</b>	3mm
<b>22-0462</b>	<b>22-0472</b>	4mm
<b>22-0463</b>	<b>22-0473</b>	5mm

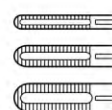


DOWNWARD JAW		Bite Size
160mm Shaft	180mm Shaft	
<b>22-0480</b>	<b>22-0490</b>	2mm
<b>22-0481</b>	<b>22-0491</b>	3mm
<b>22-0482</b>	<b>22-0492</b>	4mm
<b>22-0483</b>	<b>22-0493</b>	5mm



Schlesinger Toothed Rongeur  
Fine serration on the jaw edge

STRAIGHT JAW		Bite Size
150mm Shaft	180mm Shaft	
<b>22-0500</b>	<b>22-0510</b>	2mm
<b>22-0501</b>	<b>22-0511</b>	3mm
<b>22-0502</b>	<b>22-0512</b>	4mm



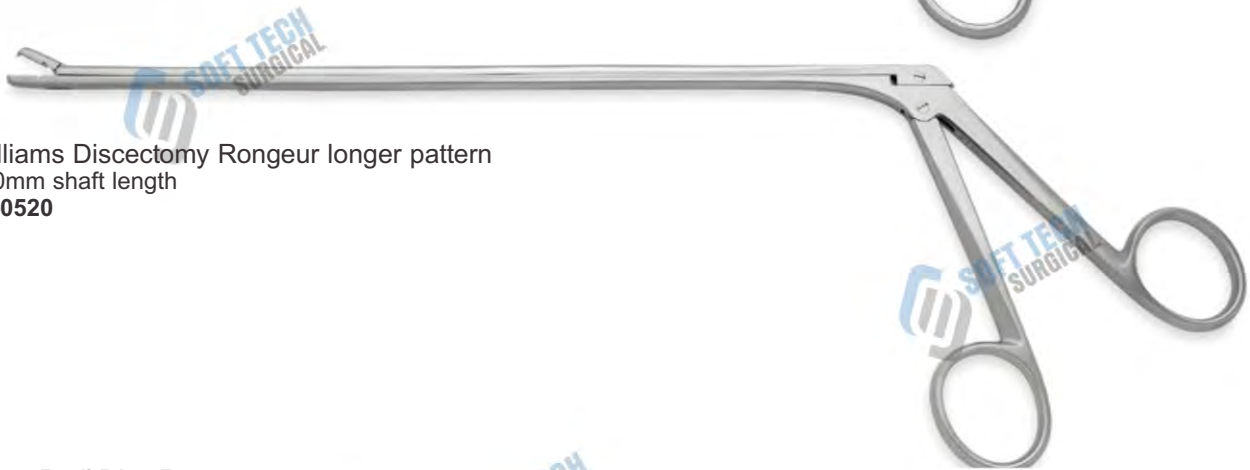
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Williams Discectomy Rongeur  
140mm shaft length  
**22-0515**



Single toothed cup 1mm bite

Williams Discectomy Rongeur longer pattern  
230mm shaft length  
**22-0520**



'Pea Pod' Disc Rongeur  
Short 10mm length jaw

150mm	Bite Size
<b>22-0525</b>	2mm
<b>22-0526</b>	3mm
<b>22-0527</b>	4mm



130mm      Bite Size  
**22-0530**      2mm  
Extra fine pattern 5mm length jaws

Beck Disc Rongeur  
130mm shaft length  
2mm bite size  
**22-0535**



**Munich Grasping Forceps**

180mm shaft length  
1x2 teeth  
Straight jaw

**22-0540**



Toothed serrated jaw

**Weil-Blakesley Forceps**

180mm shaft length  
Fenestrated jaw

Straight  
Jaw

**22-0545**  
**22-0546**  
**22-0547**

Bite Size  
2.5mm  
3.0mm  
3.5mm



Upward 30°  
Angled Jaw

**22-0550**  
**22-0551**  
**22-0552**

Bite Size  
2.5mm  
3.0mm  
3.5mm



**Decker Rongeur**

150mm shaft length  
Straight jaw

**22-0555**

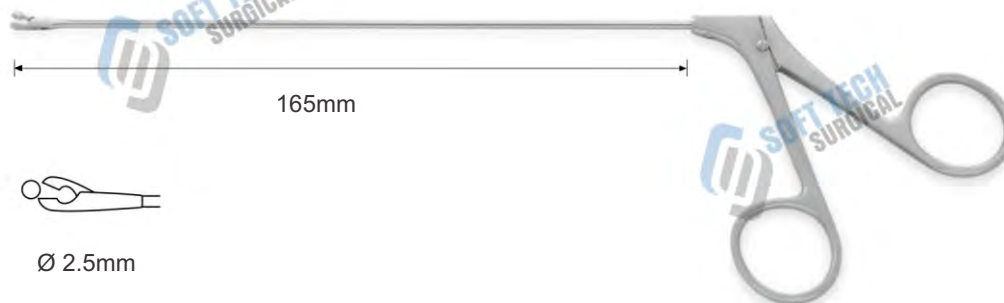


2mm jaw

**Nicola Micro Cupped Biopsy Forceps**

165mm shaft length

**22-0560**

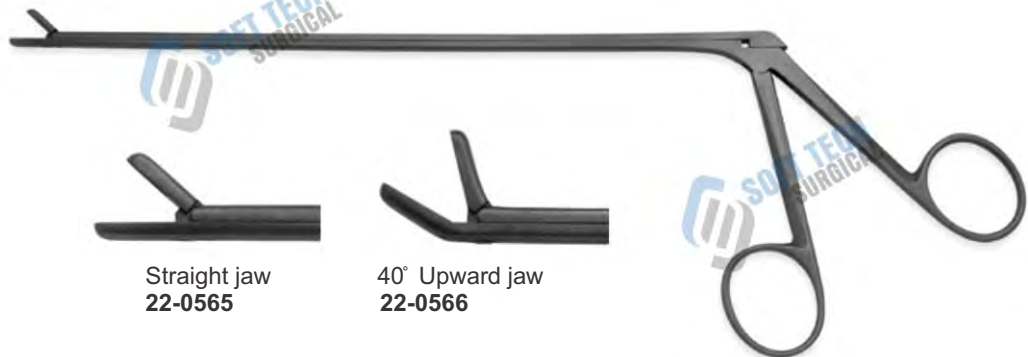


165mm

Ø 2.5mm

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Micro Disc Rongeur  
170mm shaft length  
2mm bite size  
Black titanium coating



Straight jaw  
22-0565

40° Upward jaw  
22-0566

Micro Toothed Disc Rongeur

170mm shaft length  
2mm micro toothed jaw  
Black titanium coating



40° Upward jaw  
22-0570

Cushing Disc Rongeur

170mm shaft length  
2mm x 10mm jaw  
Black titanium coating



40° Upward jaw  
22-0575

Toothed Fine Disc Rongeur

170mm shaft length  
2mm fine toothed jaw  
Black titanium coating



Straight jaw  
22-0580



Ferris-Smith Disc Rongeur  
Ring handle

180mm Shaft	Straight Jaw 200mm Shaft	Bite Size
<b>22-0585</b>	<b>22-0590</b>	2mm
<b>22-0586</b>	<b>22-0591</b>	3mm
<b>22-0587</b>	<b>22-0592</b>	4mm
<b>22-0588</b>	<b>22-0593</b>	5mm

180mm Shaft	40° Upward Jaw 200mm Shaft	Bite Size
<b>22-0595</b>	<b>22-0600</b>	2mm
<b>22-0596</b>	<b>22-0601</b>	3mm
<b>22-0597</b>	<b>22-0602</b>	4mm
<b>22-0598</b>	<b>22-0603</b>	5mm



Anterior Disc Rongeur  
280mm shaft length  
Longer 28cm shaft for greater reach in the anterior approach

Straight	Upward	Bite Size
<b>22-0610</b>	<b>22-0615</b>	2mm
<b>22-0611</b>	<b>22-0616</b>	3mm
<b>22-0612</b>	<b>22-0617</b>	4mm
<b>22-0613</b>	<b>22-0618</b>	5mm



Anterior Disc Rongeur  
350mm shaft length  
Extra-long length shaft for deeper areas

Straight	Upward	Bite Size
<b>22-0620</b>	-	2.4mm
<b>22-0621</b>	<b>22-0625</b>	4mm
<b>22-0622</b>	-	6mm with teeth
<b>22-0623</b>	<b>22-0626</b>	8mm with teeth



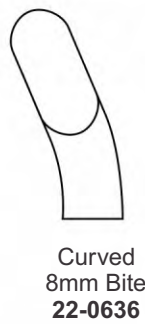
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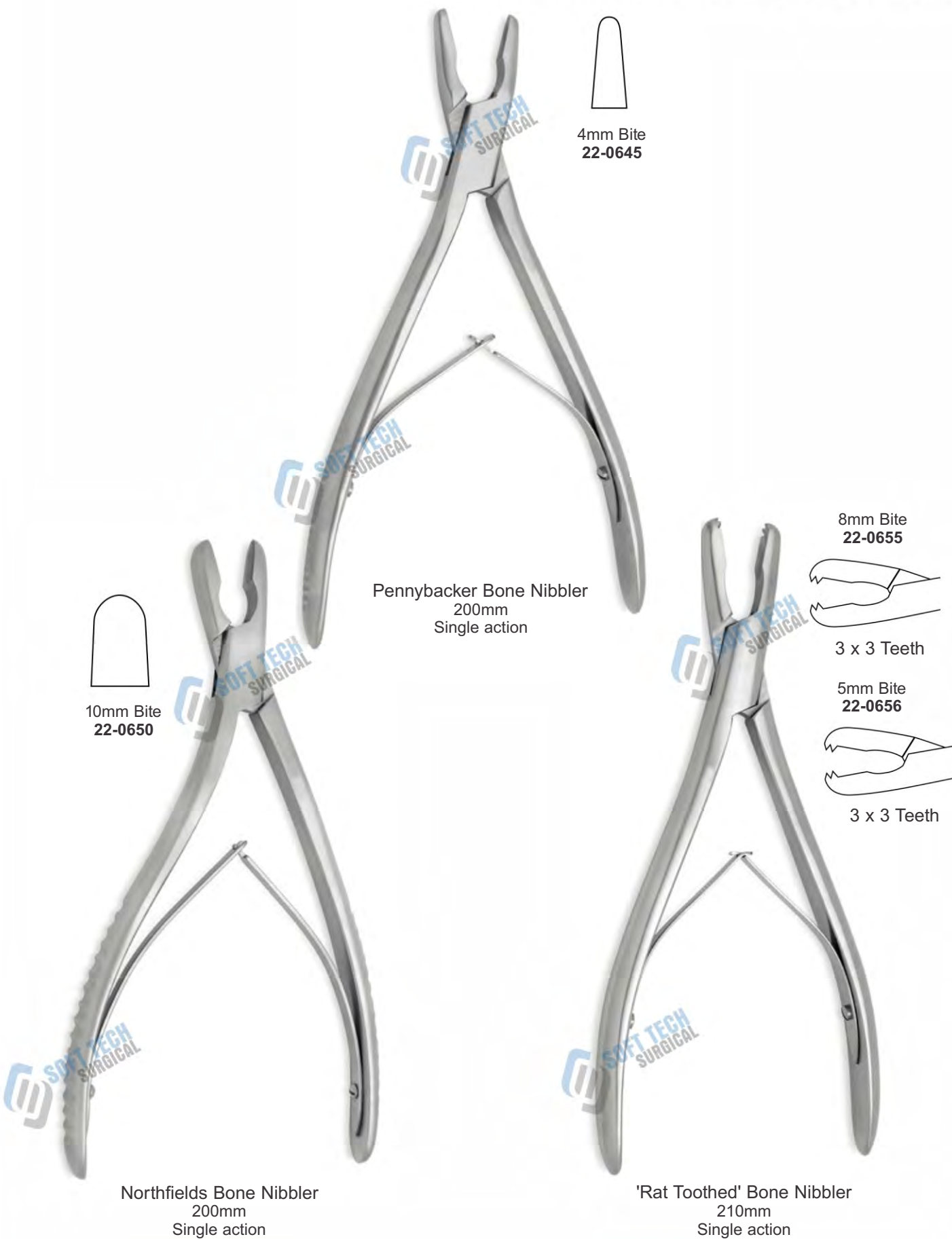
Lempert Bone Nibbler  
190mm  
Single action



Luer Bone Nibbler  
180mm  
Single action



Adson Bone Nibbler  
200mm  
Single action



4mm Bite  
22-0645

Pennybacker Bone Nibbler  
200mm  
Single action

10mm Bite  
22-0650

Northfields Bone Nibbler  
200mm  
Single action

8mm Bite  
22-0655

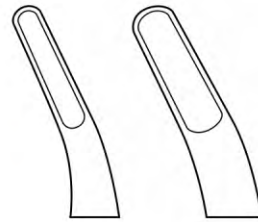
3 x 3 Teeth

5mm Bite  
22-0656

3 x 3 Teeth

'Rat Toothed' Bone Nibbler  
210mm  
Single action

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3mm Bite    5mm Bite

Zielke Intervertebral Rongeur  
Angled parallel jaws

	210mm	250mm	Bite Size
<b>22-0660</b>	<b>22-0665</b>		3mm
<b>22-0661</b>	<b>22-0666</b>		5mm



8mm Bite  
**22-0670**

Matzen Intervertebral Rongeur  
200mm  
Angled jaws



4mm Bite  
**22-0675**

Beyer Bone  
180mm  
Curved double action





5mm Bite  
22-0680

Jansen Bone Nibbler  
180mm  
Curved double action



3mm Bite  
22-0685

Marquardt Bone Nibbler  
200mm  
Curved double action



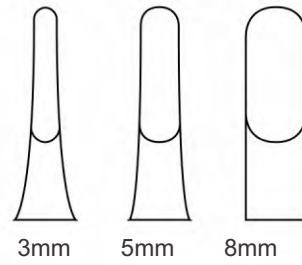
Straight  
3 mm bite

Light Curve  
3 mm bite

Smith-Peterson Bone Nibbler  
240mm  
Double action

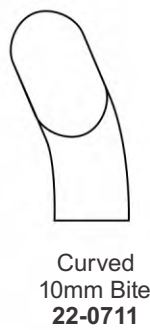
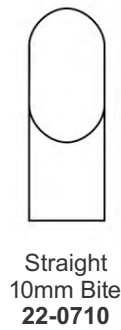
Straight	Light Curve	Bite Size
22-0690	22-0695	3mm
22-0691	22-0696	4mm
22-0692	22-0697	5mm
22-0693	22-0698	6mm

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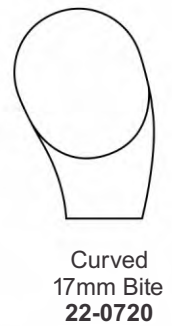


Angled Jaw	Bite Size
<b>22-0705</b>	3mm
<b>22-0706</b>	5mm
<b>22-0707</b>	8mm

Leksell Bone Nibbler  
240mm  
Double action angled



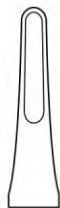
Stille-Luer Bone Nibbler  
220mm  
Double action



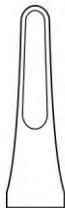
Stille-Luer Bone Nibbler  
260mm  
Double action



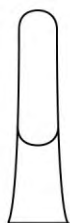
2mm Bite  
22-0720



3mm Bite  
22-0721



4mm Bite  
22-0722



5mm Bite  
22-0725



8mm Bite  
22-0726



22-0730



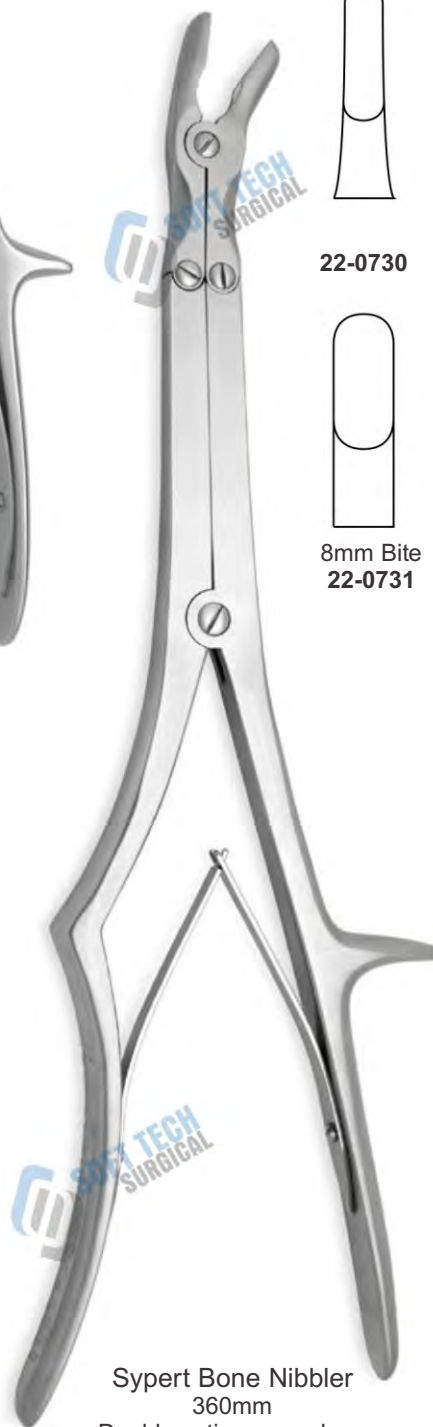
8mm Bite  
22-0731



Long Anterior Leksell Bone Nibbler  
300mm  
Double action



Echlin Duckbill Nibbler  
230mm  
Double action



Sybert Bone Nibbler  
360mm  
Double action - very long

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22-0735

McIndoe Bone Cutters  
180mm  
Double action  
Angled jaws



Straight  
22-0740



Angled  
22-0741

Stille-Liston Bone Cutters  
270mm



22-0745

Liston-Key-Horsley Bone Cutters  
270mm





	Width
22-0750	10mm
22-0751	12mm
22-0752	15mm
22-0753	20mm
22-0754	25mm
22-0755	30mm

Capener Osteotome  
250mm  
Tufnol handle



Straight	Width
22-0770	5mm
22-0771	10mm
22-0772	15mm
22-0773	20mm
22-0774	25mm
22-0775	30mm

Angled	Width
22-0780	5mm
22-0781	10mm
22-0782	15mm
22-0783	20mm
22-0784	25mm
22-0785	30mm

Dahmen Osteotome  
300mm  
Tufnol handle



22-0760
22-0761
22-0762
22-0763
22-0764

Lexer Osteotome  
220mm  
Tufnol handle

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

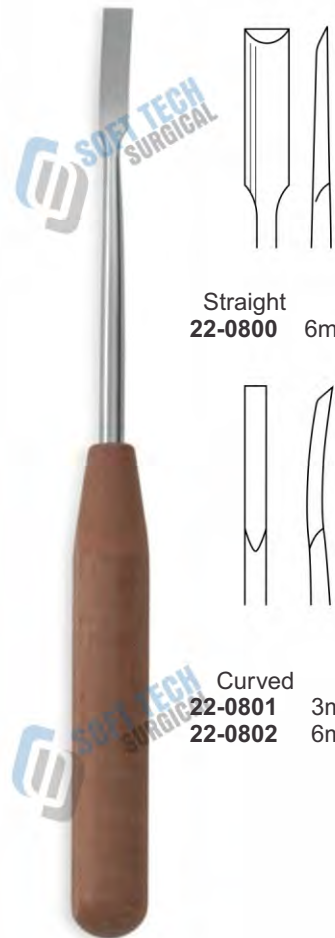
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Width  
**22-0790** 5mm  
**22-0791** 7mm



Width  
**22-0795** 4mm  
**22-0796** 6mm  
**22-0797** 8mm



Straight  
**22-0800** 6mm

Curved  
**22-0801** 3mm  
**22-0802** 6mm

Adson Periosteal Elevator  
160mm  
Curved blunt

Pennybacker Periosteal Elevator  
160mm  
Curved sharp

Bone Raspatory with Tufnol Handle  
190mm



Straight  
**22-0805** 12mm  
 Curved\*  
**22-0806** 12mm



Straight  
**22-0810** 12mm  
 Curved\*  
**22-0811** 12mm

Farabeuf Rugine Elevator  
150mm

Farabeuf Rugine Elevator  
With Hollow Handle  
160mm



Trethowan Bone Elevator  
225mm  
22-0815



Bristow Periosteal Elevator  
230mm  
Curved sharp  
10mm width  
22-0830



Zielke S-Shaped Gouge  
230mm

Curved\*  
22-0820 6mm  
22-0801 9mm



S-Shaped Width  
22-0825 6mm  
22-0826 9mm



Capener Lamina Gouge  
230mm  
Cranked shaft

22-0835 6mm  
22-0836 8mm  
22-0837 11mm  
22-0838 16mm

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Swedish Dissector  
**22-0840**  
180mm

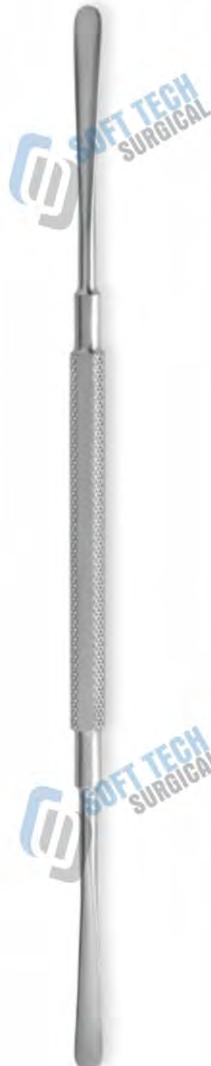


Size  
**22-0845** 180mm  
**22-0846** 230mm  
**22-0847** 255mm

Watson Cheyne Dissector



Howarth Elevator  
**22-0850**  
215mm



Freers Elevator/Dissector  
**22-0855**  
185mm



MacDonald  
Elevator/Dissector  
Size  
**22-0860** 180mm  
**22-0861** 230mm



**Bruns Curette 230mm**

Cup Size	Model Number
0000	22-0870
000	22-0871
00	22-0872
0	22-0873
1	22-0874
2	22-0875
3	22-0875

**Lempert Curette 210mm**

Cup Size	Model Number
00000	22-0890
0000	22-0891
000	22-0892
00	22-0893
0	22-0894
1	22-0895

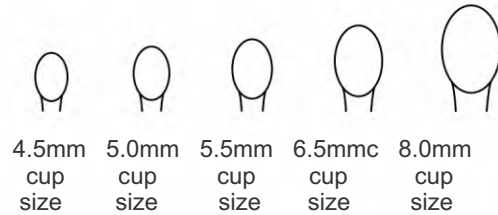
**Tufnol Handle Micro Curette 260mm**

Configuration	Cup Size	Model Number
Straight	00000	22-0900
	00000	22-0901
	000	22-0902
	00	22-0903
	0	22-0904
Angled	00000	22-0905
	00000	22-0910
	000	22-0911
	00	22-0912
	0	22-0913
Angled	0000	22-0920
	000	22-0921
	00	22-0922
	0	22-0923
Angled	1	22-0924

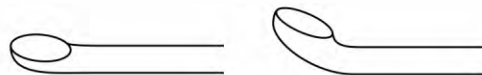
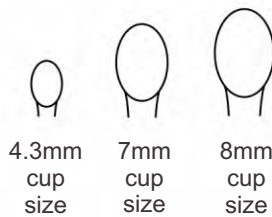
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Cobb Bone Curette  
280mm



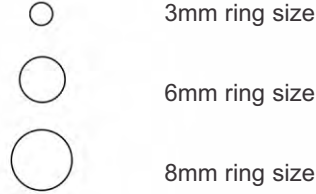
Straight	Cup Size	Angled	Cup Size
<b>22-0930</b>	2.0mm	<b>22-0940</b>	2.0mm
<b>22-0931</b>	2.5mm	<b>22-0941</b>	2.5mm
<b>22-0932</b>	3.0mm	<b>22-0942</b>	3.0mm
<b>22-0933</b>	3.5mm	<b>22-0943</b>	3.5mm
<b>22-0934</b>	4.0mm	<b>22-0944</b>	4.0mm
<b>22-0935</b>	4.5mm	<b>22-0945</b>	4.5mm
<b>22-0936</b>	5.0mm	<b>22-0946</b>	5.0mm
<b>22-0937</b>	5.5mm	<b>22-0947</b>	5.5mm
<b>22-0938</b>	6.5mm	<b>22-0948</b>	6.5mm
<b>22-0939</b>	8.0mm	<b>22-0949</b>	8.0mm



Straight	Cup Size	Angled	Cup Size
<b>22-0950</b>	4.3mm	<b>22-0955</b>	4.3mm
<b>22-0951</b>	7mm	<b>22-0956</b>	7mm
<b>22-0952</b>	8mm	<b>22-0957</b>	8mm



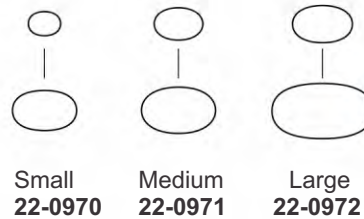
Long Anterior Curette  
380mm



Straight	Ring Size	Angled	Ring Size
<b>22-0960</b>	3mm	<b>22-0965</b>	3mm
<b>22-0961</b>	6mm	<b>22-0966</b>	6mm
<b>22-0962</b>	8mm	<b>22-0967</b>	8mm



Cones Ring Curette  
230mm



Volkman  
Double Ended Curette  
220mm

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Drill Guide



**22-0975**  
Right



**22-0980**  
Left



Screw Driver  
**22-0985**

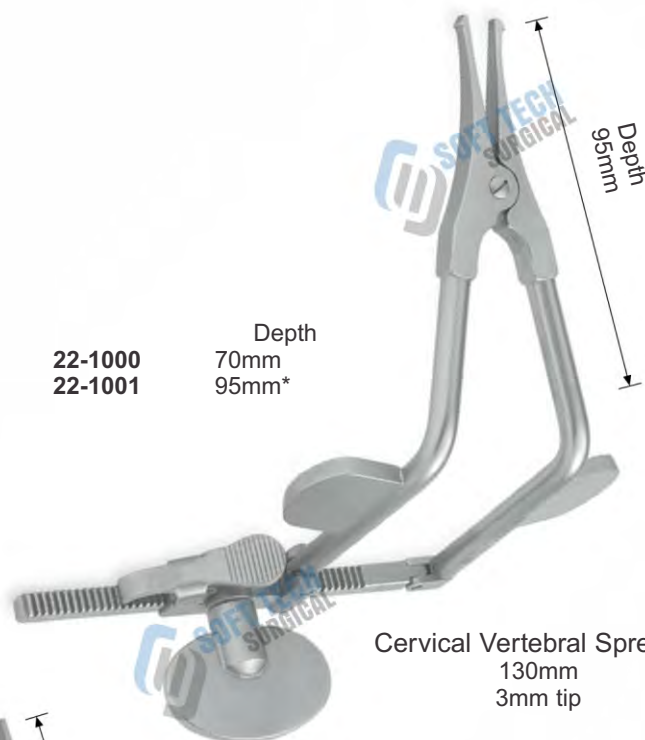


Distraction Drill  
For pre-drilling pilot holes for distraction  
screws in combination with the drill guide  
Drill 2mm Ø  
**22-0990**

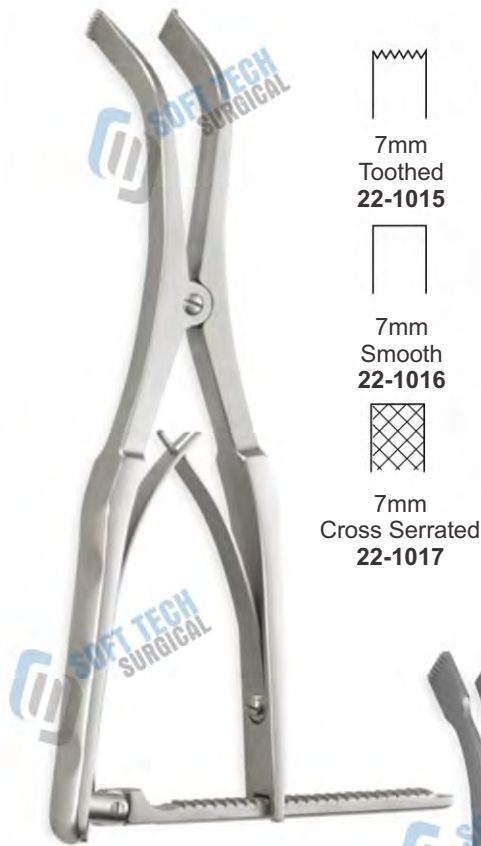


Caspar Distraction Screws  
70mm post length  
Sterile packed





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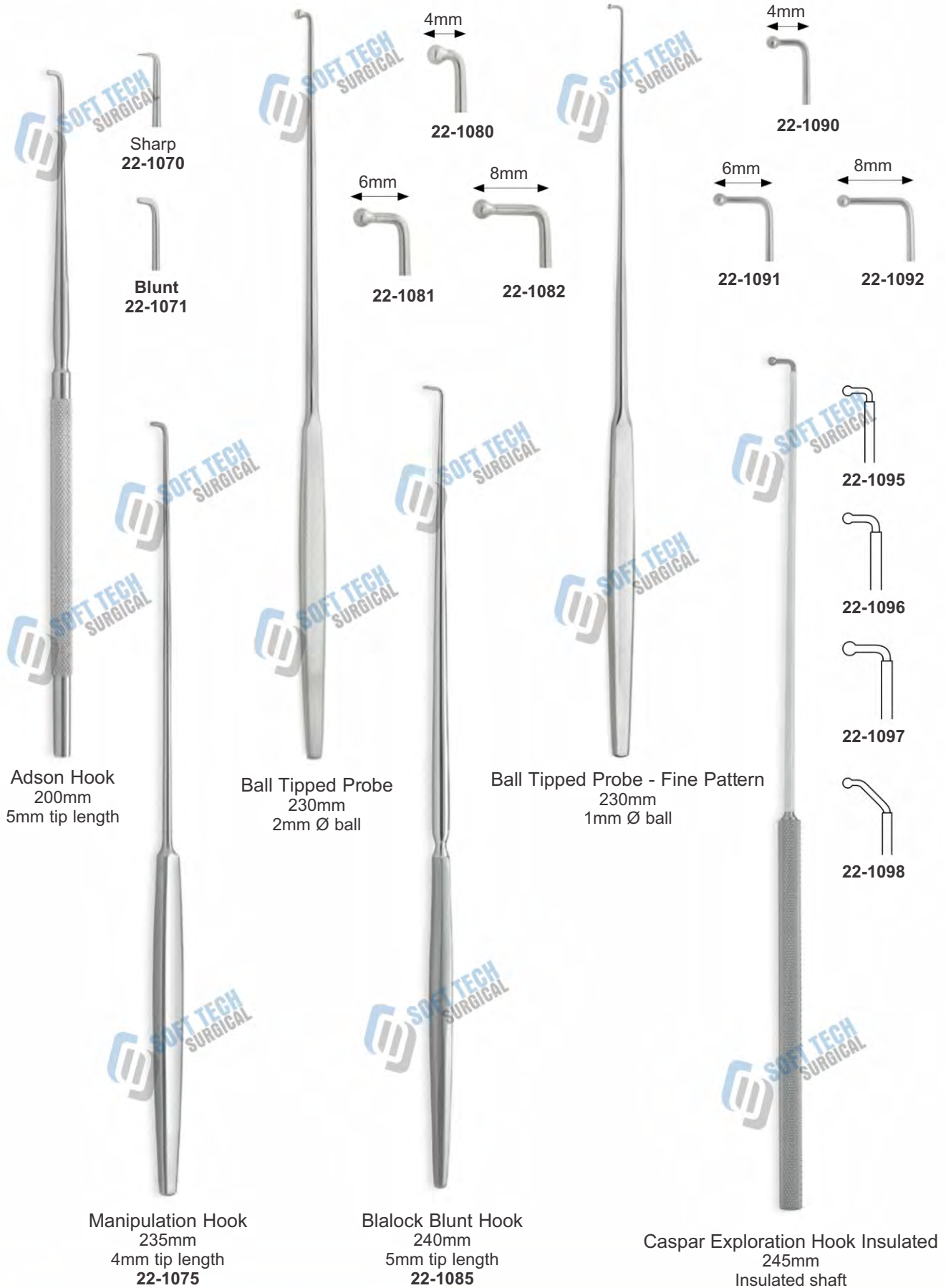
Baby Inge Lamina Spreader  
180mm







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General Surgery  
Instruments  
Rhoton Micro Dissectors  
Titanium Blue Coating



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No.1  
1mm Small  
22-1100

No.2  
2mm Medium  
22-1101

No.3  
3mm Large  
22-1102

No.4  
Curved  
22-1105

No.5  
Angled  
22-1106

Titanium Micro Round Dissectors  
190mm

No.6  
1mm Small  
22-1110

No.7  
1.7mm Medium  
22-1111

No.8  
2mm Large  
22-1112

Titanium Micro Elevators  
190mm

No.9  
90° Semi-sharp  
22-1115

No.10  
90° Blunt  
22-1116

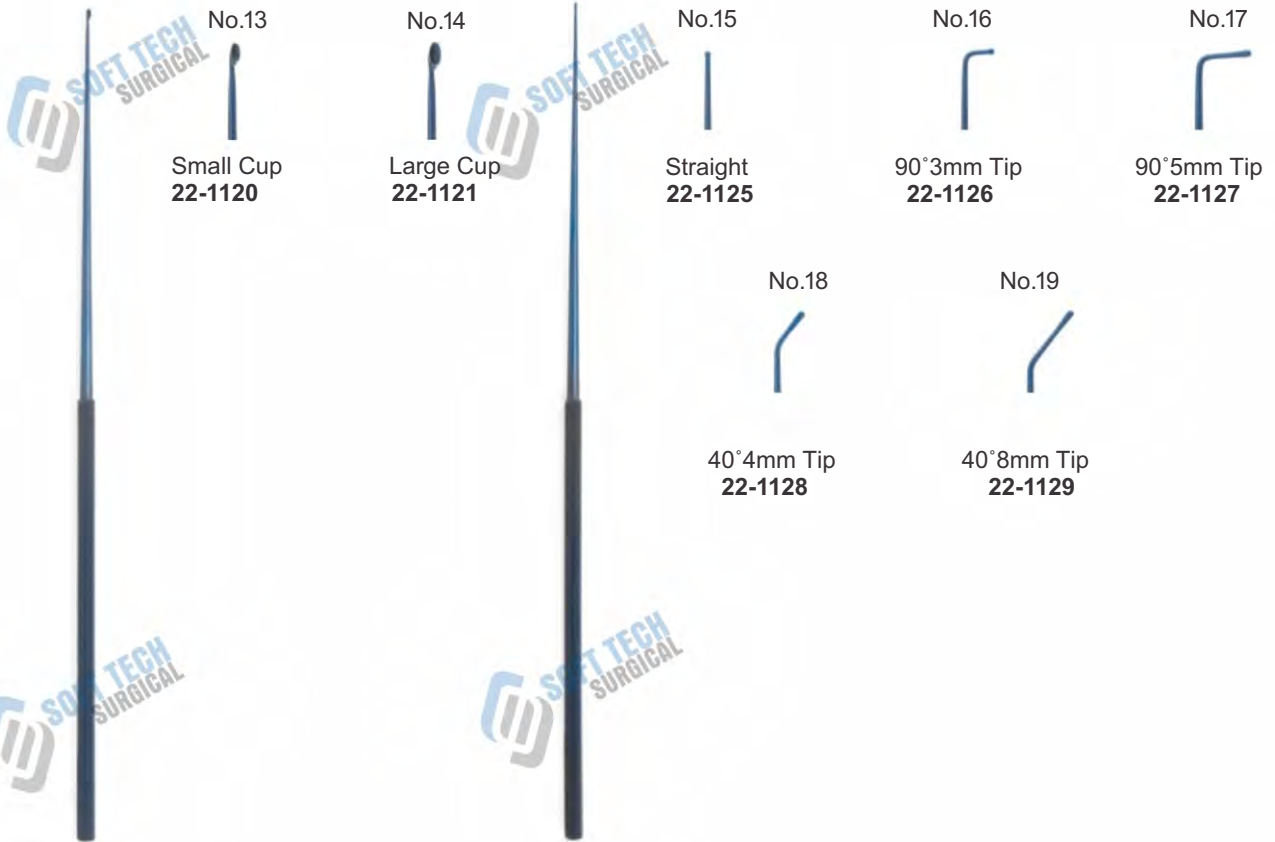
No.11  
45° Semi-sharp  
22-1117

No.12  
Straight point Needle  
22-1118

Titanium Micro Spatula Dissectors  
190mm

Titanium Micro Hooks  
190mm

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Titanium Micro Curettes  
190mm

Titanium Micro Ball Dissectors  
190mm

Complete Set  
Including Rack and 19 Micro Dissectors  
22-1130





**22-1135**  
Width 4mm

Krayenbuhl Nerve  
Root Retractor  
Double bayonet

	Width
210mm <b>22-1140</b>	3mm
240mm <b>22-1141</b>	4mm



Caspar Bayonet Nerve  
Root Retractor  
240mm

	Width
<b>22-1145</b>	4mm
<b>22-1146</b>	6mm

100mm length



Love Bayonet Nerve  
Root Retractor  
210mm



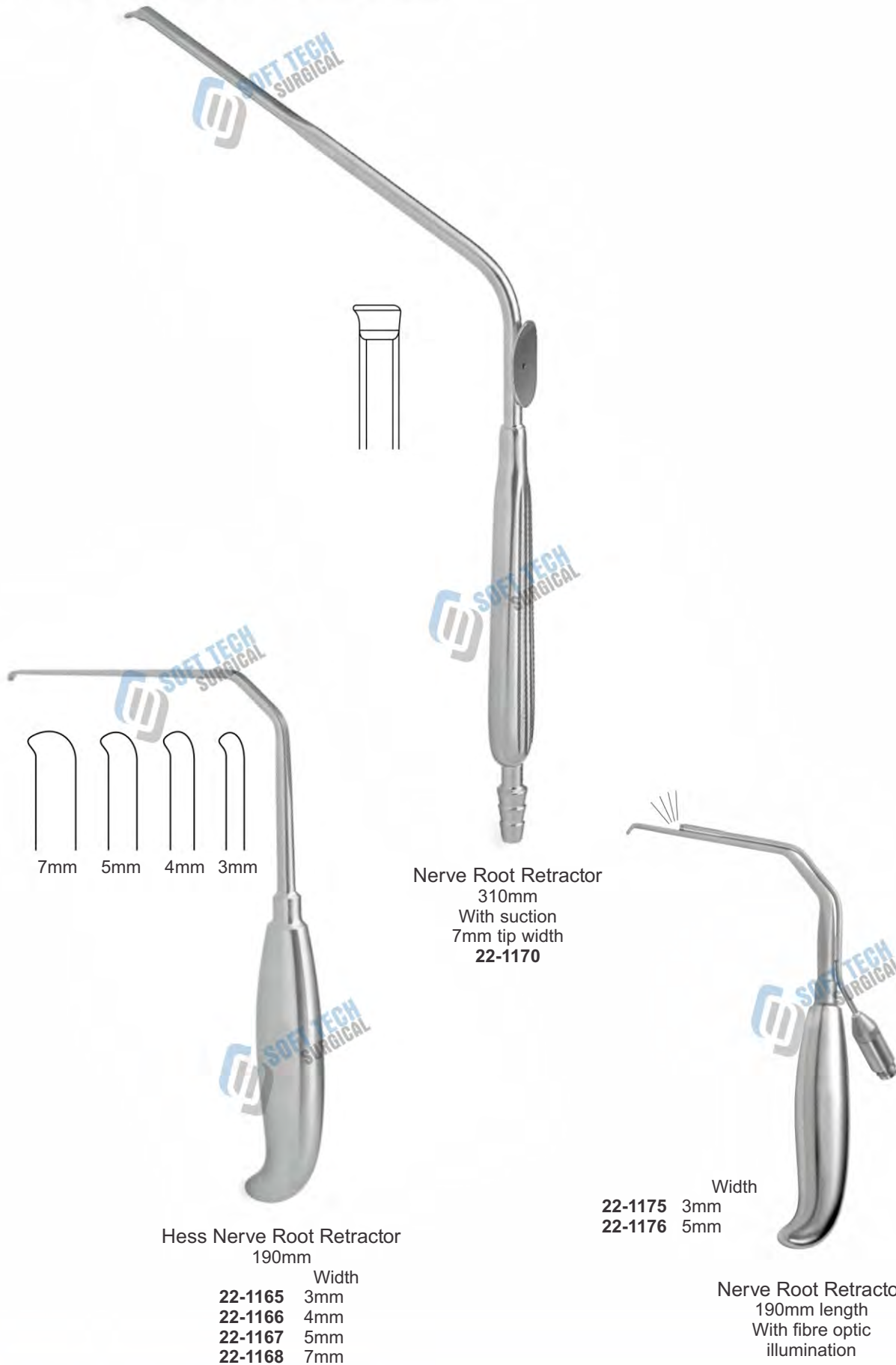
Love Nerve Root Retractor  
220mm  
5mm tip width  
**22-1155** Straight  
**22-1156** 25° Angled  
**22-1157** 90° Angled

O'Connell Nerve Root Retractor  
215mm  
**22-1155**



McCulloch Nerve Root Retractor  
125mm working length  
90° angled  
6mm tip  
**22-1160**

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Hess Nerve Root Retractor  
190mm

	Width
22-1165	3mm
22-1166	4mm
22-1167	5mm
22-1168	7mm

Nerve Root Retractor  
310mm  
With suction  
7mm tip width  
22-1170

	Width
22-1175	3mm
22-1176	5mm

Nerve Root Retractor  
190mm length  
With fibre optic  
illumination



Meyerding Retractor  
225mm



	Blade size
<b>22-1180</b>	50mm x 16mm
<b>22-1181</b>	75mm x 25mm
<b>22-1182</b>	90mm x 50mm

Langenbeck Retractor  
215mm



	Blade size	
<b>22-1185</b>	22mm x 6mm	Small
<b>22-1186</b>	45mm x 13mm	Medium
<b>22-1187</b>	65mm x 25mm	Large
<b>22-1188</b>	90mm x 20mm	X-Large

Taylor Hip Retractor  
190mm

	Depth
<b>22-1190</b>	70mm
<b>22-1191</b>	85mm
<b>22-1192</b>	100mm



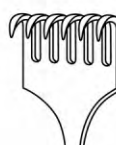
Volkman Catspaw  
Retractor  
215mm  
Semi sharp teeth



15 x 15mm  
3 Prong  
**22-1200**



15 x 20mm  
4 Prong  
**22-1201**



15 x 30mm  
6 Prong  
**22-1202**

Cloward Style Blade Retractor  
110mm

	Width
<b>22-1195</b>	13mm
<b>22-1196</b>	18mm
<b>22-1197</b>	20mm



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West's S/R Retractor  
140mm  
3 x 4 Sharp prongs  
Prong depth 18mm  
**22-1205**



Mollison S/R Retractor - Child  
130mm  
2 x 2 Sharp prongs 12mm depth  
**22-1210**

Weitlaner S/R Retractor  
140mm  
3 x 4 Blunt prongs  
Prong depth 18mm  
**22-1206**



Mollison S/R Retractor - Adult  
170mm  
4 x 4 Sharp prongs 15mm depth  
**22-1215**

Jefferson S/R Retractor  
130mm  
3 x 4 Blunt prongs 16mm depth  
**22-1220**





Irwin S/R Retractor  
175mm  
4 x 4 Sharp prongs  
Prong depth 20mm  
**22-1225**



Travers S/R Retractor  
200mm  
4 x 5 Blunt prongs  
Prong depth 26mm  
**22-1230**



Norfolk and Norwich S/R Retractor  
200mm  
4 x 5 Blunt prongs  
Prong depth 50mm x  
23mm width  
**22-1235**



Norfolk and Norwich Deeper  
Prongs S/R Retractor  
200mm  
4 x 5 Blunt prongs  
Prong depth 70mm x  
23mm width  
**22-1240**

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**Cones Self Retaining Retractor**

3 x 4 Prongs

Jointed arms

Blunt Prongs	Length	Depth	Sharp Prongs	Length	Depth
<b>22-1250</b>	130mm	15mm	<b>22-1260</b>	130mm	15mm
<b>22-1251</b>	160mm	15mm	<b>22-1261</b>	160mm	15mm
<b>22-1252</b>	200mm	20mm	<b>22-1262</b>	200mm	20mm
<b>22-1253</b>	240mm	25mm	<b>22-1263</b>	240mm	25mm



**Harvey Jackson Self Retaining  
Retractor**  
280mm  
Prong depth 45mm  
3x3 Sharp prongs  
**12-0395**



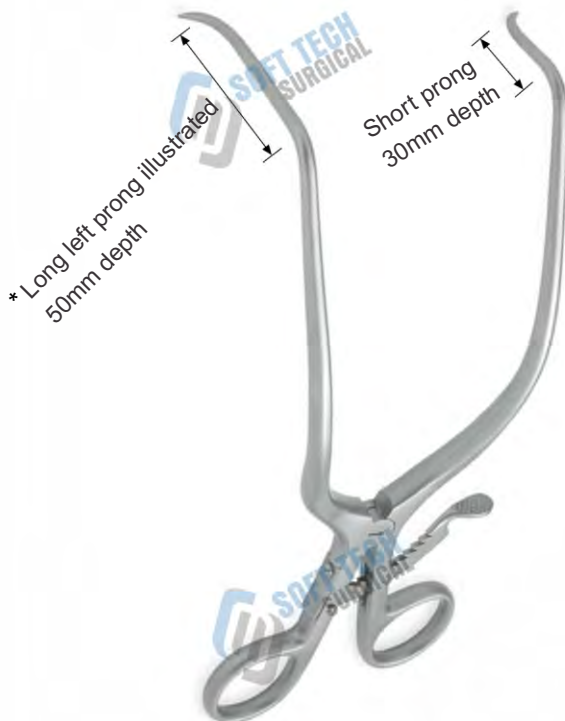
**Beckman - Adson Retractor**  
330mm  
4 x 5 Blunt prongs  
Prong depth 32mm  
Jointed arms  
**22-1275**



Gelpi Laminectomy Retractor

	Sharp Prongs	Prong depth
185mm	<b>22-1280</b>	30mm
195mm	<b>22-1281</b>	50mm
200mm	<b>22-1282</b>	70mm
200mm	<b>22-1283</b>	90mm

	Blunt Prongs	Prong depth
185mm	<b>22-1290</b>	30mm
195mm	<b>22-1291</b>	50mm
200mm	<b>22-1292</b>	70mm
200mm	<b>22-1293</b>	90mm



Hardman Retractor  
200 mm

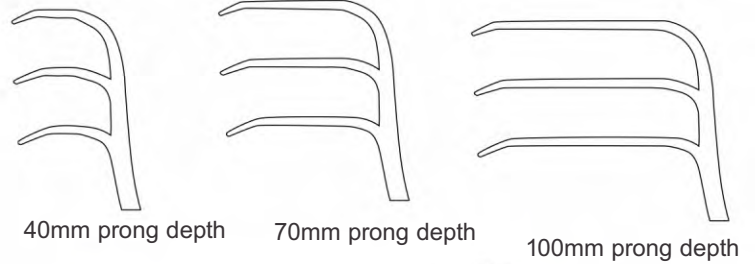
	Prong depth
<b>22-1300</b>	50mm equal prongs
<b>22-1301</b>	long prong - Left*
<b>22-1302</b>	long prong - Right

Meyerding Hemi  
Laminectomy Retractor  
180mm



Solid Blade Left	Blade Size	Solid Blade Right	
<b>22-1310</b>	50 x 10mm	<b>22-1320</b>	Narrow Blade
<b>22-1311</b>	60 x 10mm	<b>22-1321</b>	
<b>22-1312</b>	70 x 10mm	<b>22-1322</b>	
<b>22-1315</b>	50 x 20mm	<b>22-1325</b>	Wide Blade
<b>22-1316</b>	60 x 20mm	<b>22-1326</b>	
<b>22-1317</b>	70 x 20mm	<b>22-1327</b>	

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Depth Prongs  
22-7248-38H 40mm  
22-7248-40H 70mm  
22-7248-50H 100mm

Viper Hinged Scoliosis Retractor  
300mm  
Sharp



Depth Prongs  
22-7248-38 40mm  
22-7248-40 70mm  
22-7248-50 100mm

Viper Scoliosis Retractor  
300mm  
Sharp prongs

Jointed Arms



Jointed arms  
Maximum spread 70mm  
**22-1340**  
Retractor Frame  
Rigid arms  
**22-1341**

Retractor Frame  
Extra long rack 140mm spread **22-1342**



Wide Muscle  
Blades - 6 Teeth

27mm width  
**22-1370** 3cm depth  
**22-1371** 4cm depth  
**22-1372** 5cm depth  
**22-1373** 6cm depth  
**22-1374** 7cm depth  
**22-1375** 8cm depth  
**22-1376** 9cm depth  
**22-1377** 10cm depth  
**22-1378** 12cm depth

Extra deep {



Hook Blades

**22-1390** 2cm depth  
**22-1391** 3cm depth  
**22-1392** 4cm depth  
**22-1393** 5cm depth  
**22-1394** 6cm depth  
**22-1395** 7cm depth  
**22-1396** 8cm depth  
**22-1397** 9cm depth  
**22-1398** 10cm depth

Extra deep {



Narrow Muscle  
Blades - 4 Teeth

20mm width  
**22-1360** 3cm depth  
**22-1361** 4cm depth  
**22-1362** 5cm depth  
**22-1363** 6cm depth  
**22-1364** 7cm depth  
**22-1365** 8cm depth  
**22-1366** 9cm depth  
**22-1367** 10cm depth  
**22-1368** 12cm depth

Extra deep {



Toothed Blades

**22-1380** 2cm depth  
**22-1381** 3cm depth  
**22-1382** 4cm depth  
**22-1383** 5cm depth  
**22-1384** 6cm depth  
**22-1385** 7cm depth  
**22-1386** 8cm depth  
**22-1387** 9cm depth  
**22-1388** 10cm depth

Extra deep {

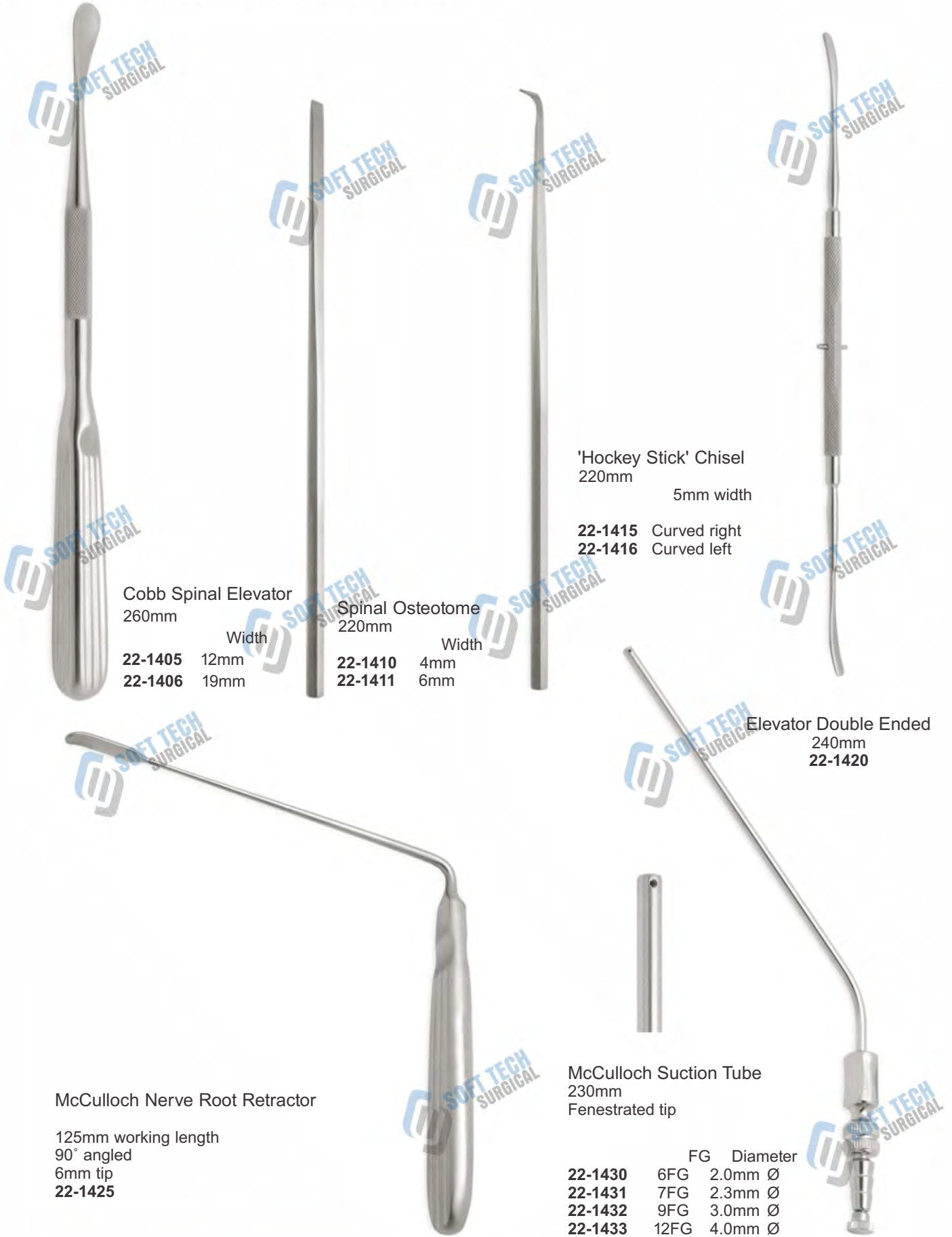


Thin Muscle  
Blades - 2 Teeth

17mm width  
**22-1350** 3cm depth  
**22-1351** 4cm depth  
**22-1352** 5cm depth  
**22-1353** 6cm depth  
**22-1354** 7cm depth  
**22-1355** 8cm depth



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**Cobb Spinal Elevator**  
260mm

	Width
<b>22-1405</b>	12mm
<b>22-1406</b>	19mm

**Spinal Osteotome**  
220mm

	Width
<b>22-1410</b>	4mm
<b>22-1411</b>	6mm

**'Hockey Stick' Chisel**  
220mm

5mm width

- 22-1415** Curved right
- 22-1416** Curved left

**Elevator Double Ended**  
240mm  
**22-1420**

**McCulloch Nerve Root Retractor**

125mm working length  
90° angled  
6mm tip  
**22-1425**

**McCulloch Suction Tube**  
230mm  
Fenestrated tip

	FG	Diameter
<b>22-1430</b>	6FG	2.0mm Ø
<b>22-1431</b>	7FG	2.3mm Ø
<b>22-1432</b>	9FG	3.0mm Ø
<b>22-1433</b>	12FG	4.0mm Ø



General Surgery  
Instruments  
Caspar Micro Lumbar &  
Discectomy Retractor Set



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**Caspar Micro Discectomy Retractor**

This Retractor Set allows a micro surgery approach to Lumbar Disc  
Specula have a black surface finish to prevent glare  
Fenestrated blades on the specula reduce the risk of movement  
during surgery  
Black Titanium Coated Frame & Blades  
Matt Finish

**Complete Set**

**22-1440**

Consisting of:

Lateral Blades	Depth	Specula	Depth
22-1450	40mm	22-1460	40mm
22-1451	45mm	22-1461	45mm
22-1452	50mm	22-1462	50mm
22-1453	55mm	22-1463	55mm
22-1454	60mm	22-1464	60mm
22-1455	65mm	22-1465	65mm
22-1456	75mm	22-1466	75mm
22-1457	80mm	22-1467	80mm
22-1458	85mm	22-1468	85mm
22-1459	100mm	22-1469	100mm

Optional extra depth

- 22-1475 Counter Retractor Frame
- 22-1476 Blade Ejector Forceps
- 22-1477 Sterilising Container
- 22-1478 Tray Insert for Specula
- 22-1479 Tray Insert for Lateral Blades
- Black Titanium Coated Frame & Blades  
Matt Finish

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Lateral Blades  
Black Titanium Coated



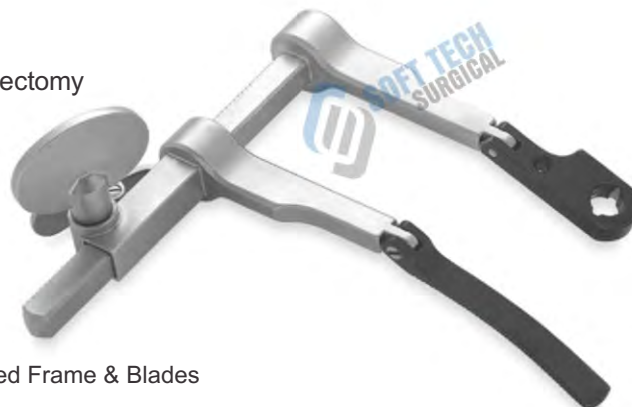
Blade Ejector Forceps  
22-1490  
Black Titanium Coated



Specula Range  
Black Titanium Coated



Casper Micro Discectomy  
Retractor Frame  
22-1500



Black Titanium Coated Frame & Blades  
Matt Finish

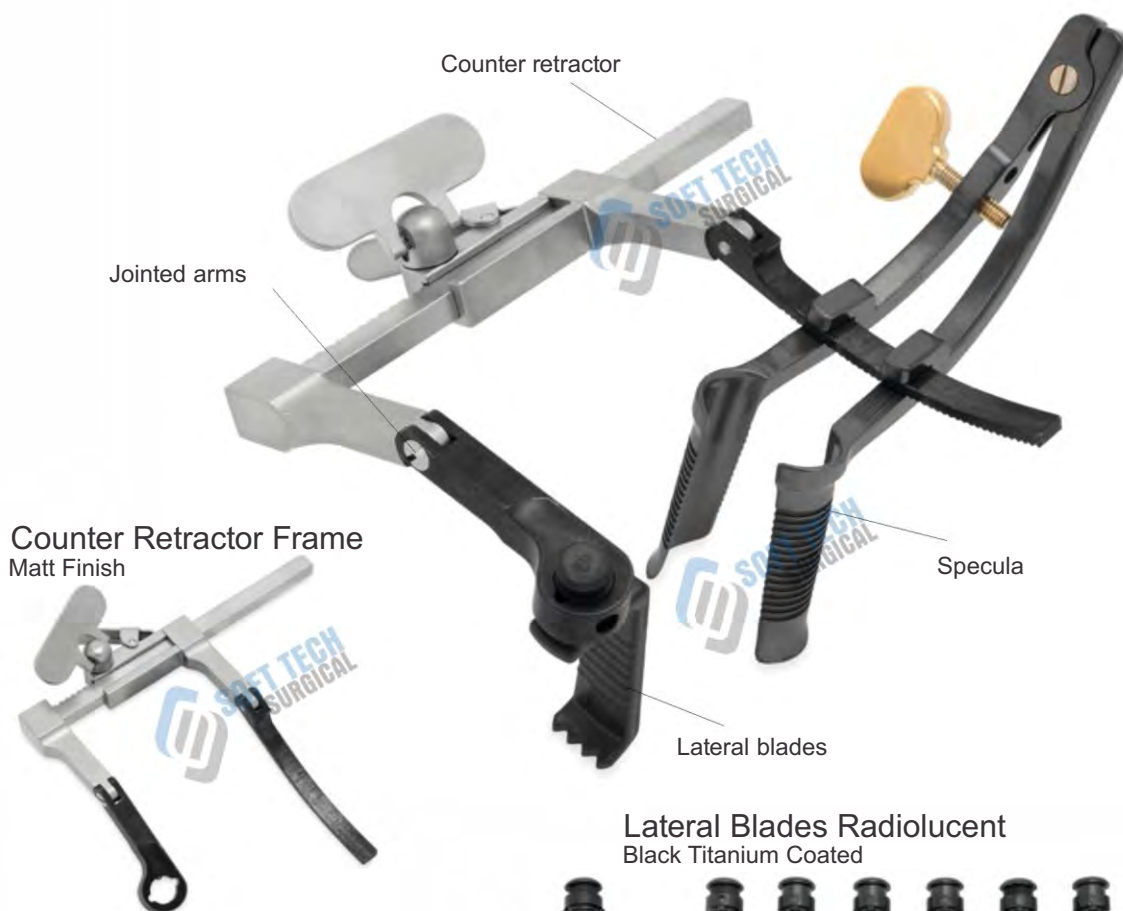
# General Surgery

## Instruments

### Piccolino Mini Lumbar & Retractor Set



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Counter Retractor Frame  
Matt Finish

Lateral Blades Radiolucent  
Black Titanium Coated



Piccolino Mini Lumbar Retractor Set

Micro Lumbar Surgery  
Lateral blades are radiolucent  
Reduced 20mm incision

Complete Set  
22-1510

Consisting of:

Lateral Blades	Depth	Specula	Depth
22-1520	40mm	22-1530	40mm
22-1521	45mm	22-1531	45mm
22-1522	50mm	22-1532	50mm
22-1523	55mm	22-1533	55mm
22-1524	60mm	22-1534	60mm
22-1525	65mm	22-1535	65mm
22-1526	75mm	22-1536	75mm
		22-1537	85mm
22-1540	Counter Retractor Frame		

Specula  
Black Titanium Coated





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Spoon shaped jaws  
225mm **22-1560** Tip size 3mm  
225mm **22-1561** Tip size 5mm



Flat serrated jaws  
225mm **22-1565** Tip size 3mm  
225mm **22-1566** Tip size 5mm



Curette toothed jaws  
225mm **22-1570** Tip size 3mm  
225mm **22-1571** Tip size 5mm



Yasargil Bayonet Tumour Grasping Forceps  
Flat handled

Yasargil Bayonet Micro Forceps  
Flat handled  
Blunt tips

Tip size  
225mm **22-1550** 1mm  
240mm **22-1551** 1mm



Tip size



Bayonet Tumour Grasping Forceps  
Round bodied  
Flat serrated jaws  
230mm **22-1575** 5mm



Tip size

Bayonet Micro Forceps  
Round bodied  
210mm **22-1555** 1mm  
230mm **22-1556** 1mm



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With Lock 230mm	Straight <b>22-1580</b>	Curved <b>22-1585</b>
Without Lock 230mm	Straight <b>22-1581</b>	Curved <b>22-1586</b>

Yasargil Bayonet Micro  
Needle Holder  
Flat handled  
Delicate 1mm jaws



With Lock 210mm 230mm	Straight <b>22-1590</b> <b>22-1591</b>	Curved <b>22-1600</b> <b>22-1601</b>
Without Lock 210mm 23mm	Straight <b>22-1595</b> <b>22-1596</b>	Curved <b>22-1605</b> <b>22-1606</b>

Bayonet Micro Needle Holder  
Round bodied  
Delicate 1mm jaws



Yasargil Bayonet Micro Scissors  
Flat handled  
225mm



Curved  
**22-1610**



Straight  
**22-1615**

Regular  
Blades



Curved  
**22-1611**



Straight  
**22-1616**

Yannas  
Fine  
Blades

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Regular Blades  
Curved  
**22-1620**

Regular Blades  
Straight  
**22-1621**



Vannas  
Fine Blades  
Curved  
**22-1625**

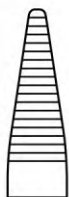
Vannas  
Fine Blades  
Straight  
**22-1626**



Yasargil Bayonet Micro Scissors  
Flat handled  
225mm



Yasargil Bayonet Micro Scissors  
Flat handled  
225mm



Slim Nose  
**22-1630**  
Serrated jaw



Square Ended\*  
**22-1631**



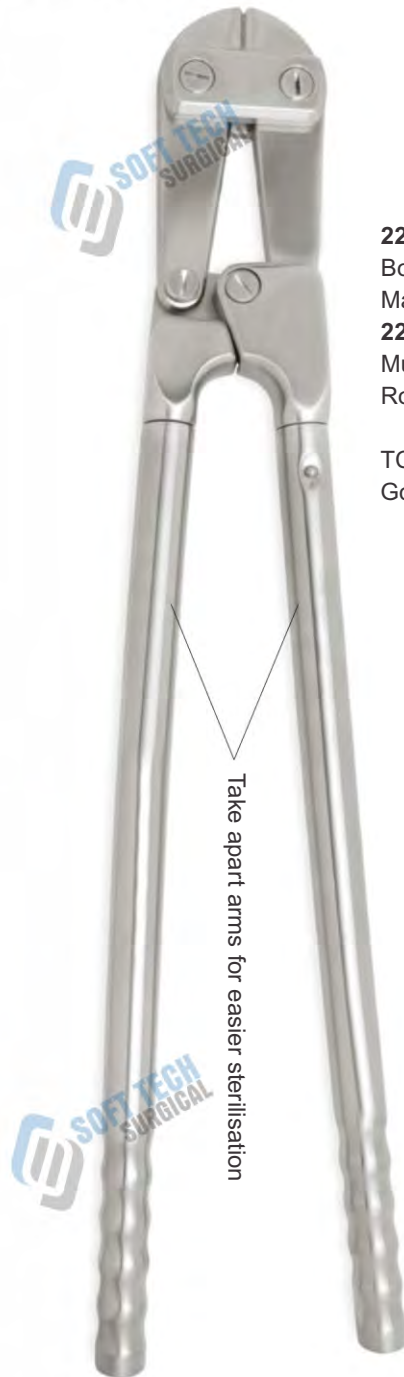
Slim & Square Ended Wire Pliers  
190mm



Muller Claus Wire Cutters  
Tungsten carbide edges  
**22-1635**  
180mm  
Cuts wire up to 2mm Ø  
**22-1636**  
220mm  
Cuts wire up to 3mm Ø



Combined Wire Cutters & Pliers  
180mm  
Suitable for wires up to 1.6mm Ø  
Parallel closing jaws  
**22-1640**



**22-1650**

Bolt Cutters with detachable arms  
Max. cap 6.3mm pins

**22-1655**

Must be used in conjunction with a  
Rod Holder.

TC Carbide Jaws  
Golden Handle



Orthopaedic Locking Pliers  
Hardened jaws

	Length	
<b>22-1645</b>	180mm	Small
<b>22-1646</b>	200mm	Medium
<b>22-1667</b>	240mm	Larg



Needle Nosed Locking Pliers

Code	Length	
<b>22-1660</b>	220mm	Small
<b>22-1661</b>	250mm	Medium
<b>22-1662</b>	300mm	Large

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





Measuring Caliper  
250mm  
Measuring range 0 to 50mm  
**22-1665**



Castroviejo Caliper  
70mm  
Measuring range 3mm to 25mm  
**22-1670**

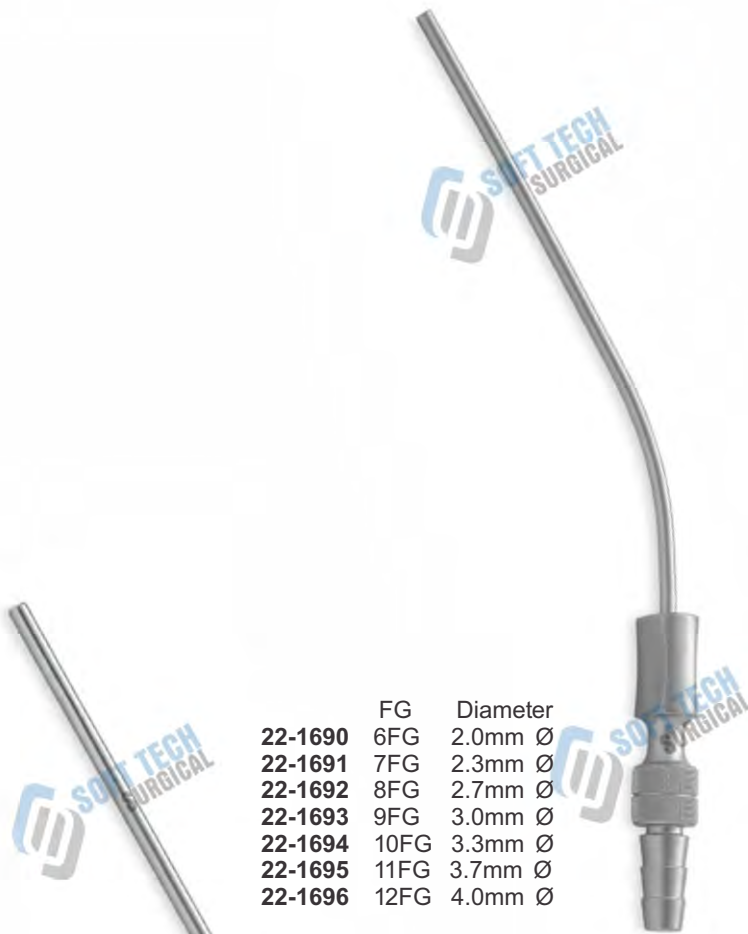


Depth Gauge  
Measuring depth up to 50mm  
**22-1675**



Depth Gauge  
Measuring depth up to 70mm  
**22-1680**

SOFT TECH Surgical, Manufacturer & Exporter of Quality Instruments



	FG	Diameter
<b>22-1690</b>	6FG	2.0mm Ø
<b>22-1691</b>	7FG	2.3mm Ø
<b>22-1692</b>	8FG	2.7mm Ø
<b>22-1693</b>	9FG	3.0mm Ø
<b>22-1694</b>	10FG	3.3mm Ø
<b>22-1695</b>	11FG	3.7mm Ø
<b>22-1696</b>	12FG	4.0mm Ø

Frazier Suction Tube  
170mm

	FG	Diameter
<b>22-1700</b>	6FG	2.0mm Ø
<b>22-1701</b>	7FG	2.3mm Ø
<b>22-1702</b>	8FG	2.7mm Ø
<b>22-1703</b>	9FG	3.0mm Ø
<b>22-1704</b>	10FG	3.3mm Ø
<b>22-1705</b>	11FG	3.7mm Ø
<b>22-1706</b>	12FG	4.0mm Ø

Frazier Suction Tube  
230mm



	Tip Size
<b>22-1710</b>	190mm
<b>22-1711</b>	1mm
<b>22-1711</b>	2mm

	Tip Size
<b>22-1715</b>	210mm
<b>22-1715</b>	1mm
<b>22-1716</b>	2mm

Bayonet Dissecting Forceps



**SOFT TECH  
SURGICAL**


## **General Surgery Instruments Catalogue**

### **SOFT TECH Surgical**

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