instruments for spine



now available!



2 - table of contents/micro

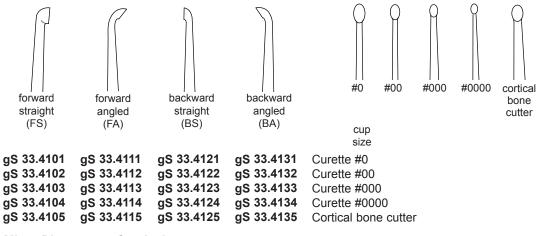
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Black aluminum offset handle is designed to provide increased field visualization while providing greater precision and control during microdiscectomy surgery. Rounded corners and flat sides allow for easy rotation with control, stable power and leverage to help reduce unwanted torque.

Each instrument is marked on front of handle for easy identification.

See side view picture of gS 33.4103 on right for tip orientation.



Micro Discectomy Cervical Curettes and Cortical Bone Cutter

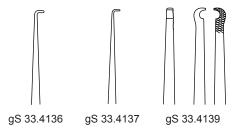
8 1/2"

with offset aluminum handle, black





micro - 3



gS 33.4136 Micro nerve hook, 1.8mm gS 33.4137 Ultra micro nerve hook, 1.5mm gS 33.4139 Bone waxer, 2.0mm

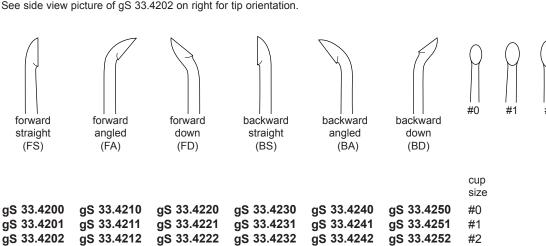
Micro Discectomy Cervical Instruments

8 1/2"

with offset aluminum handle, black



See side view picture of gS 33.4202 on right for tip orientation.



Micro Discectomy Lumbar Curettes

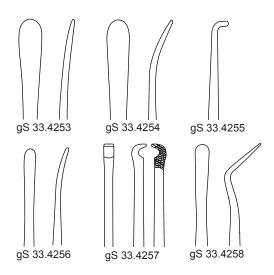
9 1/2"

with offset aluminum handle, black





4 - micro/hand-held and self-retaining retractors



gS 33.4253 Penfield dissector #1, 6mm slightly curved

gS 33.4254 Penfield dissector #2, 6mm curved

gS 33.4255 Nerve hook, 1.3mm

gS 33.4256 Penfield dissector #4, 3mm slightly curved

gS 33.4257 Bone waxer, 2.8mm gS 33.4258 Spine probe, 3.8mm

Micro Discectomy Lumbar Instruments

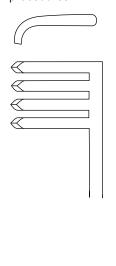
9 1/2"

with offset aluminum handle, black



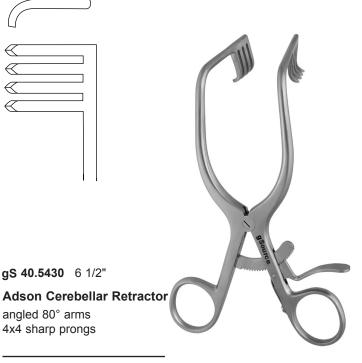
gS 36.6440 side gS 36.6438 gS 36.6436 **gS 36.6436** 6mm gS 36.6438 8mm gS 36.6440 10mm **Caspar Nerve Root Retractor** 9 1/2" malleable

Useful for retraction of the cerebellum in neurological procedures.



gS 40.5430 6 1/2"

angled 80° arms 4x4 sharp prongs





self-retaining retractors - 5

Interchangeable blades slide easily onto the hinged arms of frame allowing for quick set-up and removal. Useful in microdiscectomy or microdecompression spinal surgeries. TiAIN coating helps to eliminate light reflections.



g\$ 40.2000 5 1/2", hinged, frame only

McCulloch Retractor and Blades

60mm spread TiAIN coated, black matte finish serrated narrow blades (pair) gS 40.2030 20x30mm depth

gS 40.2040 20x40mm depth

gS 40.2050 20x50mm depth gS 40.2060 20x60mm depth

gS 40.2070 20x70mm depth

gS 40.2080 20x80mm depth

serrated wide blades (pair)

gS 40.2130 27x30mm depth gS 40.2140 27x40mm depth **gS 40.2150** 27x50mm depth

gS 40.2160 27x60mm depth gS 40.2170 27x70mm depth

g\$ 40.2180 27x80mm depth

hook blades (each)

gS 40.2220 20mm depth gS 40.2230 30mm depth

gS 40.2240 40mm depth **gS 40.2250** 50mm depth

qS 40.2260 60mm depth

gS 40.2270 70mm depth

toothed hook blades (each) gS 40.2320 20mm depth

gS 40.2330 30mm depth gS 40.2340 40mm depth

gS 40.2350 50mm depth

gS 40.2360 60mm depth gS 40.2370 70mm depth



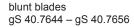




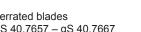


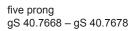
Highly versatile retractor. Double hinged arms fold along patient's back helping to provide unhindered access to surgical site. Interchangeable blades easily connect into openings on hinged arms of frame.

gS 40.7625 Retractor Blade Ejector Forceps can be used for blade removal.



serrated blades gS 40.7657 - gS 40.7667





blunt blades (each)	serrated blades (each)
gS 40.7644	gS 40.7657
gS 40.7647	gS 40.7658
gS 40.7648	gS 40.7659
gS 40.7649	gS 40.7660
gS 40.7650	gS 40.7661
gS 40.7651	gS 40.7662
gS 40.7652	gS 40.7663
gS 40.7653	gS 40.7664
gS 40.7654	gS 40.7665
gS 40.7655	gS 40.7666
gS 40.7656	gS 40.7667







five prong (each)	
gS 40.7678	24x25mm depth
gS 40.7668	24x30mm depth
gS 40.7669	24x35mm depth
gS 40.7670	24x40mm depth
gS 40.7671	24x45mm depth
gS 40.7672	24x50mm depth
gS 40.7673	24x55mm depth
gS 40.7674	24x60mm depth
gS 40.7675	24x65mm depth
gS 40.7676	24x70mm depth
gS 40.7677	24x75mm depth



gS 40.7690 8 3/4", ring handle only



6 - self-retaining retractors

Highly versatile retractor. Hinged arms fold along patient's back helping to provide unhindered access to surgical site. Interchangeable blades easily connect into openings on hinged arms of frame.

See page 5 for Caspar Blades.

gS 40.7625 Retractor Blade Ejector Forceps can be used for blade removal.



gS 40.7610 4 1/2", hinged, frame only

Caspar Cervical Spreader Hinged

4" arms with 85mm spread transversal

Bayoneted blades help to provide optimized visibility to surgical site.

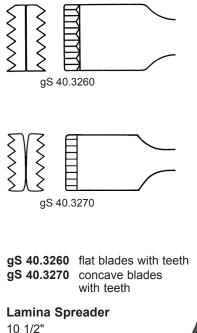


gS 40.3500 11"

Spreader

bayoneted blades with teeth speedlock







gS 40.3265 flat blades without teeth

Lamina Spreader

10 1/2" ratchet

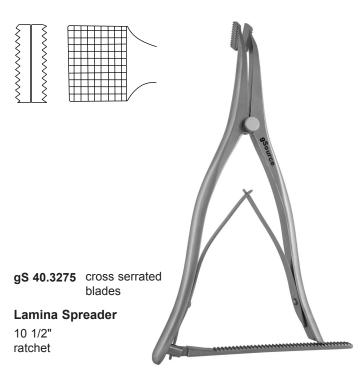




ratchet

self-retaining retractors - 7

WL = Working Length



g\$ 40.8670 7 3/4", 4 1/2" WL
gRetractor, Deep Gelpi
90° angle, 1x1 blunt points
ratchet

Varying working lengths accommodate different patient sizes and are designed to apply limited pressure on tissue and muscle, helping to reduce

tissue necrosis.

g\$ 40.8618 10 1/2", 3" WL g\$ 40.8620 10 1/2", 4" WL g\$ 40.8622 10 1/2", 5" WL

Deep Gelpi Retractor

90° angle, 1x1 blunt points ratchet



g\$ 40.8608 10 1/2", 3" WL g\$ 40.8610 10 1/2", 4" WL g\$ 40.8612 10 1/2", 5" WL

Deep Gelpi Retractor

90° angle, 1x1 blunt points speedlock





8 - self-retaining retractors

WL = Working Length

Useful for lateral posterior lumbar interbody fusion procedures in helping to retract past the transverse process. The wrench helps to provide extra torque to attain maximum exposure.

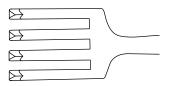


gS 40.8570 10 1/2", 3" WL gS 40.8572 10 1/2", 4" WL

Deep Gelpi Lateral Retractor

90° angle, 1x1 blunt points speedlock, wrench





gS 40.8632 10 1/2", 2" WL gS 40.8638 10 1/2", 3 1/2" WL gS 40.8640 10 1/2", 4" WL gS 40.8642 10 1/2", 5" WL

Deep Gelpi Retractor

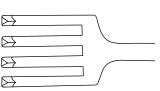
90° angle, 4 sharp prongs speedlock



Useful for the sacral or thoracic region of the spine.



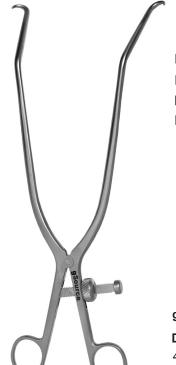






Deep Gelpi Retractor

45° angle, 4 sharp prongs speedlock





gS 40.8628 12", 3" WL

Deep Gelpi Retractor

speedlock

45° angle, 1x1 blunt points

dissector/elevator/bone curettes - 9

Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures.

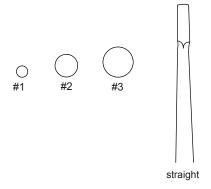


gS 43.9286 10 1/2", slight curved

gDissector

6mm, blunt with knurled handle

Useful in removing excess tissue for sampling or growths during neurological procedures.

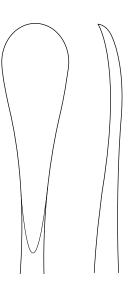


gS 51.5601 15" #1 3mm sharp/sharp **gS 51.5602** 15" #2 6mm sharp/sharp **gS 51.5603** 15" #3 8mm sharp/sharp

Cone Ring Curette

straight round fenestrated cups with aluminum handle

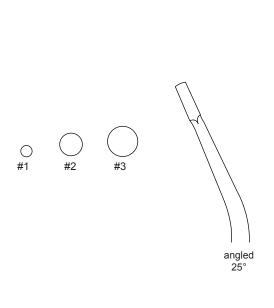
Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures. Double handed grip provides maximum control.



gS 43.9817 17", curved

gElevator, Bone, Double Handed

17mm, sharp with 9" plastic handle, black



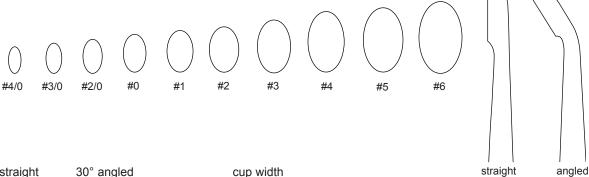
gS 51.5611 15" #1 3mm sharp/sharp **gS 51.5612** 15" #2 6mm sharp/sharp **gS 51.5613** 15" #3 8mm sharp/sharp

Cone Ring Curette

25° angled round fenestrated cups with aluminum handle



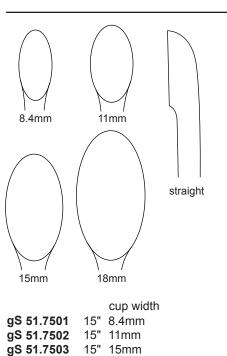
10 - bone curettes



straight	30° angled			cup width
gS 51.7407	gS 51.7427	15"	#4/0	3.3mm
gS 51.7408	gS 51.7428	15"	#3/0	4.2mm
gS 51.7409	gS 51.7429	15"	#2/0	5.1mm
gS 51.7410	gS 51.7430	15"	#0	6.0mm
gS 51.7411	gS 51.7431	15"	#1	6.9mm
gS 51.7412	gS 51.7432	15"	#2	7.8mm
gS 51.7413	gS 51.7433	15"	#3	8.7mm
gS 51.7414	gS 51.7434	15"	#4	9.6mm
gS 51.7415	gS 51.7435	15"	#5	10.5mm
gS 51.7416	gS 51.7436	15"	#6	11.4mm

Bone Curette

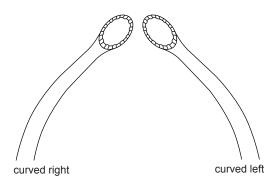
oval cups with hollow handle



15" 18mm gS 51.7504

Bone Curette

straight, oval cups with knurled T-handle Double handed grip provides maximum control.



30°

gS 51.4800 17", straight gS 51.4801 17", curved right gS 51.4802 17", curved left

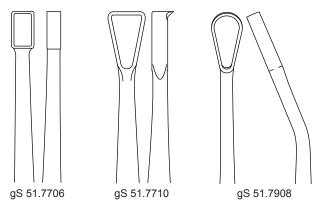
Tooth Curette, Double Handed

6.5mm oval toothed cups with 9" plastic handle, black



bone curettes/mallet - 11

Useful in facilitating discectomy in anterior lumbar fusion and non-fusion procedures. Double handed grip provides maximum control.



gCurette, Box

gS 51.7706 17", straight, 6mm, sharp/blunt

gCurette, Triangle

gS 51.7710 17", straight, 10mm, sharp/blunt

gCurette, Teardrop Ring

gS 51.7908 17", angled, 8mm, sharp/sharp

gCurettes, Double Handed

fenestrated cups with 9" plastic handle, black



Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures. Double handed grip provides maximum control. Angled curettes allow access to posterolateral corners.

gS 51.7814

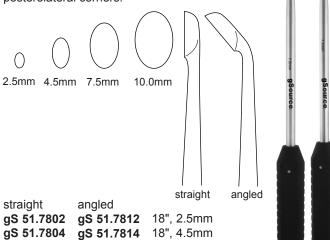
gS 51.7817 **gS 51.7810 gS 51.7820** 18", 10.0mm

gCurette, Double Handed

with 9" plastic handle, black

gS 51.7807

oval cups



18", 7.5mm

Using gentle force, can be utilized as a slaphammer with an extractor device to assist with removal of implants.

Stainless steel head with nylon cap.

Biocompatible silicone handle helps to prevent slippage and provide a secure grip.

13mm slot opening.

gS 59.8810 8 1/2" gMallet, Slotted

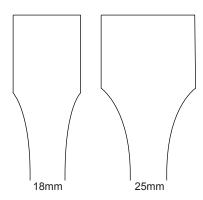
weight: 1lb 5oz [584g] head diameter: 35mm with silicone handle, green





12 - osteotomes/rasp/grasper rongeur

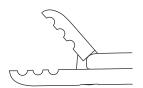
Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures. Double handed grip provides maximum control.



gS 53.7918 17", straight, 18mm gS 53.7925 17", straight, 25mm

gOsteotome, Double Handed with 9" plastic handle, black

Grooved jaw and adjustable locking ratchet help to provide a fixed hold on grasped tissue.





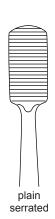


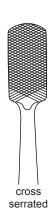
jaw

gS 68.9805 9", straight

gGrasper Rongeur

5mm, grooved jaw, ratchet Ferris-Smith Kerrison handle 5" Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures. Double handed grip provides maximum control.





gS 62.9910 17", straight

gRasp, Double Handed

10x20mm, plain and cross serrated with 9" plastic handle, black





spinal rongeurs - 13

In most spinal rongeurs, tissue and debris can collect and remain trapped between the main body and slider. The gSource Clean Wave Rongeur has a slider with a wavelike shaped design which allows cleaning utensils to easily reach through the recesses and openings between the main body and slider for cleaning prior to sterilization.



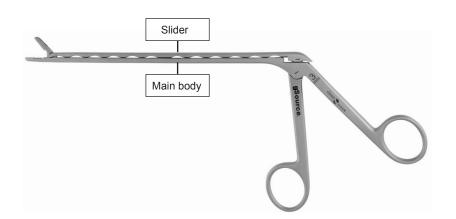


3x12mm

gS 67.0222	7 1/4", straight	2x12mm
gS 67.0223	7 1/4", straight	3x12mm
gS 67.0224	7 1/4", straight	4x14mm
gS 67.0242	7 1/4", up	2x12mm
gS 67.0243	7 1/4", up	3x12mm
gS 67.0244	7 1/4", up	4x14mm
gS 67.0232	7 1/4", down	2x12mm
gS 67.0233	7 1/4", down	3x12mm
gS 67.0234	7 1/4", down	4x14mm

Clean Wave Caspar IVD Rongeur

fenestrated cup, serrated side jaws finger ring handle 4"





2x10mm

gS 67.8300 7", straight **gS 67.8320** 7", up **gS 67.8340** 7", down

Clean Wave Cushing Rongeur

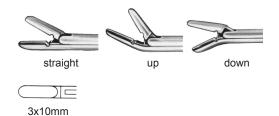
2x10mm bite finger ring handle 4"





14 - spinal rongeurs

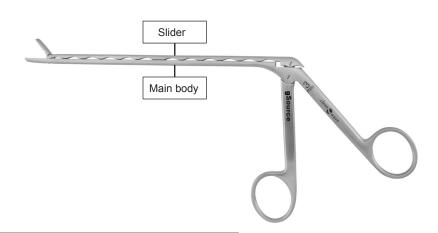
In most spinal rongeurs, tissue and debris can collect and remain trapped between the main body and slider. The gSource Clean Wave Rongeur has a slider with a wavelike shaped design which allows cleaning utensils to easily reach through the recesses and openings between the main body and slider for cleaning prior to sterilization.



gS 67.8800 7", straight **gS 67.8820** 7", up **gS 67.8840** 7", down

Clean Wave Love Gruenwald Rongeur

3x10mm bite finger ring handle 4"







gS 67.9400 7", straight gS 67.9420 7", up gS 67.9440 7", down

Clean Wave Spurling Rongeur

4x10mm bite finger ring handle 4"

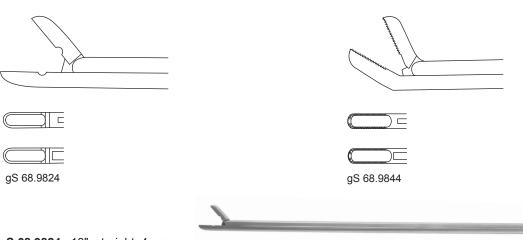




spinal rongeurs and punches - 15

WL = Working Length

Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures.



gS 68.9824 13", straight 4mm **gS 68.9826** 13", straight 6mm

 gS 68.9843
 13", up
 3mm serrated jaws

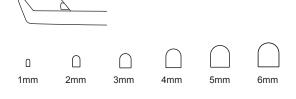
 gS 68.9844
 13", up
 4mm serrated jaws

 gS 68.9848
 13", up
 7.5mm serrated jaws

gRongeur, Disc

non-serrated straight and serrated up jaws Ferris-Smith-Kerrison handle 5"

Bayoneted shaft helps to provide optimized visibility to surgical site.

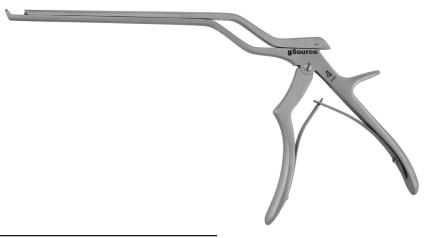


g\$ 70.5841 8", forward 1mm
g\$ 70.5842 8", forward 2mm with bone ejector
g\$ 70.5843 8", forward 3mm with bone ejector
g\$ 70.5844 8", forward 4mm with bone ejector
g\$ 70.5845 8", forward 5mm with bone ejector
g\$ 70.5846 8", forward 6mm with bone ejector

Spurling Kerrison Bayonet Punch

120mm WL regular foot plate

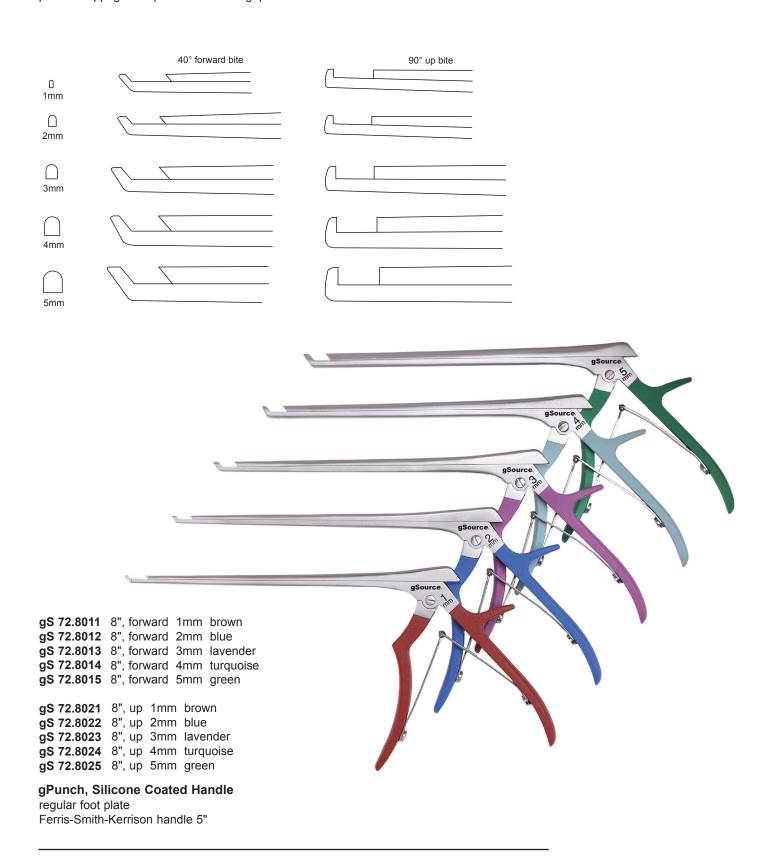
Ferris-Smith-Kerrison handle 5"





16 - spinal punches

Biocompatible silicone coated handles help to prevent slippage and provide a secure grip.





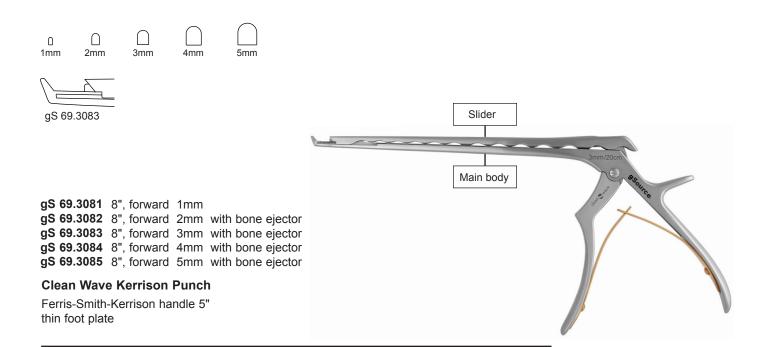
spinal punches - 17

In most spinal punches, tissue and debris can collect and remain trapped between the main body and slider. The gSource Easy2Clean Kerrison Punch has a slider that opens in order to allow for easy and complete cleaning inside the main body. It remains in one piece when opened so there are no loose instrument components. \cap Λ 1mm 2mm 6mm shown in open position gS 69.4081 Slider Main body gS 69.4083 gS 69.4081 8", forward 1mm gS 69.4082 8", forward 2mm with bone ejector gS 69.4083 8", forward 3mm with bone ejector gS 69.4084 8", forward 4mm with bone ejector gS 69.4085 8", forward 5mm with bone ejector gS 69.4086 8", forward 6mm with bone ejector Easy2Clean Kerrison Punch satin finish shown in closed position thin foot plate Ferris-Smith-Kerrison handle 5" TiAIN ceramic coating helps to provide improved strength, increased cutting edge hardness, reduced glare and a smoother action. Ω 1mm 2mm gS 69.8081 shown in open position gS 69.8083 gS 69.8081 8", forward 1mm gS 69.8082 8", forward 2mm with bone ejector gS 69.8083 8", forward 3mm with bone ejector gS 69.8084 8", forward 4mm with bone ejector gS 69.8085 8", forward 5mm with bone ejector gS 69.8086 8", forward 6mm with bone ejector Easy2Clean Kerrison Punch TiAIN ceramic coated, black matte finish thin foot plate Ferris-Smith-Kerrison handle 5" shown in closed position

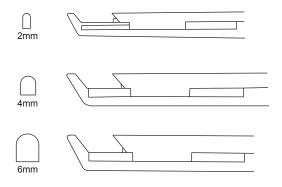


18 - spinal punches

In most spinal punches, tissue and debris can collect and remain trapped between the main body and slider. The gSource Clean Wave Kerrison Punch has a slider with a wavelike shaped design which allows cleaning utensils to easily reach through the recesses and openings between the main body and slider for cleaning prior to sterilization.



Useful in facilitating a discectomy in anterior lumbar fusion and non-fusion procedures.



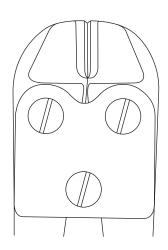




pin cutter/pin and rod shears - 19

DA = Double Action

Double action design provides a smooth and easy cutting action.



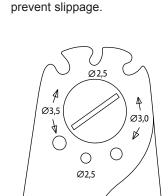
gS 83.8880 9"

gPin Cutter DA Angled

tungsten carbide inserts max cap 2.8mm [7/64"]



Shears pins with ease and provides a clean cut without burrs or sharp edges. Handles are ergonomically designed for a comfortable grip and grooved to help

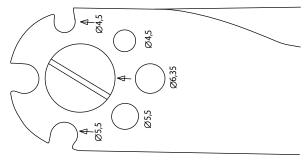


gS 83.9135 11 1/2"

Pin Shears DA

for 2.5mm [.098"], 3.0mm [.118"], 3.5mm [9/64"] diameter pins





Shears rods with ease and provides a clean cut without burrs or sharp edges. Biocompatible silicone handles help to prevent slippage and provide a secure and comfortable grip.





gS 83.7280 22", non-detachable handles **gS** 83.7290 22", detachable handles

gSilicone Rod Shears DA

for 4.5mm [.177"], 5.5mm [.217"], 6.35mm [1/4"] diameter rods black silicone handles



gSource

gSource is committed to putting the finest instruments into the hands of surgeons and their teams.

Not all instruments are created equal. Adequate for the job is, in reality, inadequate. A better instrument reduces distractions and facilitates operations. A better instrument helps a surgeon perform at his/her best. A better instrument leads to better results. gSource provides better instruments.

Orthopedic Focus

We are more than a source for quality instrumentation. gSource is an advocate for the orthopedic community. We can be relied upon to provide superior instrumentation for spinal and orthopedic procedures, and do so in a time critical fashion.

gSource Instrument Attributes

Whether crafted from German surgical stainless steel, or machined from U.S. surgical stainless steel, our instruments are recognized by their finely finished surface. They are designed to perform with precise surgical function and are also conceived to be affordable. It is this combination that distinguishes the gSource brand.

gSource Verified Quality

Every gSource instrument must pass detailed Quality Assurance tests before it can be sold. Instruments are tested for quality of material, workmanship, function, pattern consistency and critical dimensions.

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The gSource catalog contains 3,500 instruments primarily used in orthopedic and spinal procedures. To view our catalog or for a quick answer on availability of other patterns, refer to our website at www.gSource.com. Please inquire about the availability of any instrument not shown in the catalog.

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We will create entirely new instruments in a timely and economical manner. For an accurate quotation and delivery schedule, send us a drawing, sketch or sample.



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Trusted Supplier to World Leaders

Many world leaders and innovators in orthopedics and spine have found in gSource a trusted and reliable partner. We provide superior instrumentation in a time-critical fashion and at realistic prices.

Guarantee

All standard instruments are guaranteed for life against manufacturing defects of material and workmanship. Any instrument proving to be defective will be replaced or the purchase price refunded.

- Tungsten carbide inserts are guaranteed for three years. Replaceable parts, other than springs, are guaranteed for one year. Replaceable springs are guaranteed for life against manufacturing defects of material and workmanship.
- This guarantee is void if instruments are altered or not maintained or repaired properly or if they are not used for their intended surgical purpose.
- Any unused instrument may be returned for full credit within 90 days of invoice date.

gSource Advantages

- On-time delivery
- Realistic price
- Verified quality
- German craftsmanship
- Precise U.S. machining
- · Orthopedic and spinal focus
- Product development support
- CAD support
- · Custom labeling, packaging and marking
- · Large selection and inventory
- · Adaptability/flexibility
- · Superior customer service
- · Full satisfaction guarantee



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