



NEURO
Instruments



The perfect biting Rongeurs!

GEISTER



An efficient cleaning concept!

Efficient surgery. Less invasive. Optimum results.

In close cooperation with surgeons and industry partners we are developing our comprehensive product range for Neurosurgery, with a focus on less traumatic, minimally invasive procedures, to restore and maintain the function of the spine. Many years of experience and profound expertise in the production of finest surgical instruments lead to the development of our new detachable Spinal IVD and Laminectomy Rongeurs that meet the highest standard hygiene requirements for avoiding surgical site infections. While multiple-component instruments are usually difficult to process, our detachable rongeurs ensure easy handling, efficient cleaning and effective sterilization.

The particular advantages are:

- excellent cutting properties
- lasting durability
- easy bone removal
- safe and easy detaching
- efficient cleaning and sterilization of the total instrument
- all parts stay together and thus cannot get lost
- easy and quick assembly

Minimally invasive spinal approaches have advanced considerably over the past decade, anticipating that patients will experience reduced postoperative pain, improved physiologic muscle function, and more acceptable cosmetic results. Whether a true percutaneous approach, through a tubular dilator retractor approach, or a muscle splitting approach is the method of choice, our special bayonet-shaped rongeurs with slim shafts will provide the surgeon with the visibility, the deep reach and the preferential instrument maneuverability required.





Geister Spinal IVD Rongeurs

Geister Spinal

IVD Rongeurs



Newly developed Geister Spinal IVD Rongeurs designed for easy detaching at the push of the gold button.

- the gold button indicates the detachability
- jaws are available in 2, 3 and 4 mm widths
- extremely firm construction of jaw
- shafts available in various lengths, straight, bayonet up, left or right designs
- working ends straight, 45° upwards or 45° downwards biting
- easy and safe detaching at the push of the gold button
- efficient cleaning and sterilization of the total instrument
- all parts stay together and thus cannot get lost





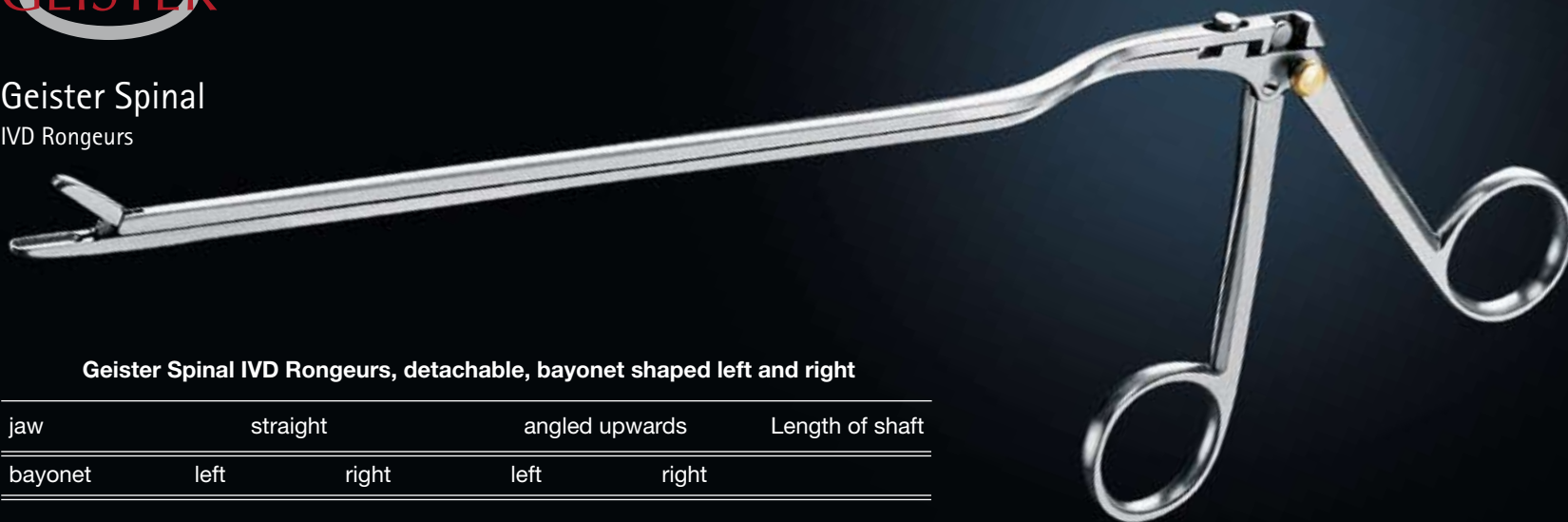
Geister Spinal IVD Rongeurs, detachable

jaw	straight	upwards	downwards	Length of shaft
2 mm	40-2620.16Z	40-2621.16Z	40-2622.16Z	15.5 cm
	40-2620.18Z	40-2621.18Z	40-2622.18Z	18.0 cm
3 mm	40-2625.16Z	40-2626.16Z	40-2627.16Z	15.5 cm
	40-2625.18Z	40-2626.18Z	40-2627.18Z	18.0 cm
4 mm	40-2630.16Z	40-2631.16Z	40-2632.16Z	15.5 cm
	40-2630.18Z	40-2631.18Z	40-2632.18Z	18.0 cm



Geister Spinal IVD Rongeurs

Geister Spinal IVD Rongeurs



Geister Spinal IVD Rongeurs, detachable, bayonet shaped left and right

jaw	straight		angled upwards		Length of shaft
	left	right	left	right	
2 mm	40-2651.20Z	40-2652.20Z	40-2654.20Z	40-2655.20Z	11 cm
	40-2661.20Z	40-2662.20Z	40-2664.20Z	40-2665.20Z	15 cm
	40-2671.20Z	40-2672.20Z	40-2674.20Z	40-2675.20Z	18 cm
3 mm	40-2651.30Z	40-2652.30Z	40-2654.30Z	40-2655.30Z	11 cm
	40-2661.30Z	40-2662.30Z	40-2664.30Z	40-2665.30Z	15 cm
	40-2671.30Z	40-2672.30Z	40-2674.30Z	40-2675.30Z	18 cm
4 mm	40-2651.40Z	40-2652.40Z	40-2654.40Z	40-2655.40Z	11 cm
	40-2661.40Z	40-2662.40Z	40-2664.40Z	40-2665.40Z	15 cm
	40-2671.40Z	40-2672.40Z	40-2674.40Z	40-2675.40Z	18 cm
5 mm	40-2651.50Z	40-2652.50Z	40-2654.50Z	40-2655.50Z	11 cm
	40-2661.50Z	40-2662.50Z	40-2664.50Z	40-2665.50Z	15 cm
	40-2671.50Z	40-2672.50Z	40-2674.50Z	40-2675.50Z	18 cm



**Geister Spinal IVD Rongeurs, detachable,
bayonet shaped up**

jaw	straight	angled upwards	Length of shaft
2 mm	40-2650.20Z	40-2653.20Z	11cm
	40-2660.20Z	40-2663.20Z	15 cm
	40-2670.20Z	40-2673.20Z	18 cm
3 mm	40-2650.30Z	40-2653.30Z	11 cm
	40-2660.30Z	40-2663.30Z	15 cm
	40-2670.30Z	40-2673.30Z	18 cm
4 mm	40-2650.40Z	40-2653.40Z	11 cm
	40-2660.40Z	40-2663.40Z	15 cm
	40-2670.40Z	40-2673.40Z	18 cm
5 mm	40-2650.50Z	40-2653.50Z	11 cm
	40-2660.50Z	40-2663.50Z	15 cm
	40-2670.50Z	40-2673.50Z	18 cm

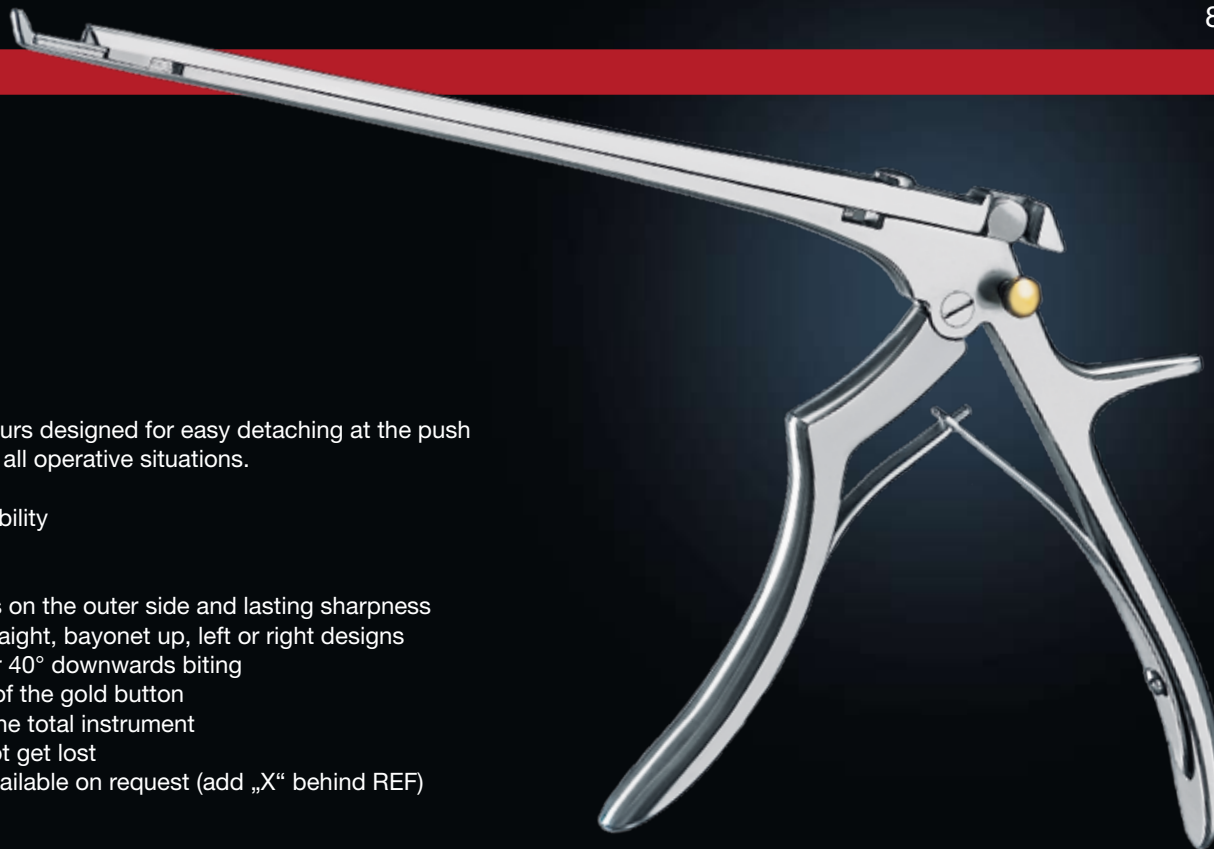


Geister-Kerrison

Laminectomy Rongeurs

Newly developed Geister-Kerrison Rongeurs designed for easy detaching at the push of the gold button and perfect function in all operative situations.

- the gold button indicates the detachability
- jaws are available in 1-5 mm widths
- ejector for easy bone removal
- strongly constructed jaws with guides on the outer side and lasting sharpness
- shafts available in various lengths, straight, bayonet up, left or right designs
- working ends 40° and 90° upwards or 40° downwards biting
- easy and safe detaching at the push of the gold button
- efficient cleaning and sterilization of the total instrument
- all parts stay together and thus cannot get lost
- extra thin footplate for cervical use available on request (add „X“ behind REF)





Geister-Kerrison Laminectomy Rongeurs, detachable with bone-ejector up-biting

jaw	Length of shaft					
	18 cm	20 cm	23 cm	25 cm	28 cm	30 cm
1 mm 90°	40-1418A1	40-1420A1	40-1423A1	40-1425A1	40-1428A1	40-1430A1
2 mm 90°	40-1418A2	40-1420A2	40-1423A2	40-1425A2	40-1428A2	40-1430A2
3 mm 90°	40-1418A3	40-1420A3	40-1423A3	40-1425A3	40-1428A3	40-1430A3
4 mm 90°	40-1418A4	40-1420A4	40-1423A4	40-1425A4	40-1428A4	40-1430A4
5 mm 90°	40-1418A5	40-1420A5	40-1423A5	40-1425A5	40-1428A5	40-1430A5
1 mm 40°	40-1418C1	40-1420C1	40-1423C1	40-1425C1	40-1428C1	40-1430C1
2 mm 40°	40-1418C2	40-1420C2	40-1423C2	40-1425C2	40-1428C2	40-1430C2
3 mm 40°	40-1418C3	40-1420C3	40-1423C3	40-1425C3	40-1428C3	40-1430C3
4 mm 40°	40-1418C4	40-1420C4	40-1423C4	40-1425C4	40-1428C4	40-1430C4
5 mm 40°	40-1418C5	40-1420C5	40-1423C5	40-1425C5	40-1428C5	40-1430C5



Geister-Kerrison Laminectomy Rongeurs

Geister-Kerrison
Laminectomy Rongeurs



Geister-Kerrison Laminectomy Rongeurs, detachable with bone-ejector down-biting

jaw	Length of shaft					
	18 cm	20 cm	23 cm	25 cm	28 cm	30 cm
1 mm 40°	40-1418D1	40-1420D1	40-1423D1	40-1425D1	40-1428D1	40-1430D1
2 mm 40°	40-1418D2	40-1420D2	40-1423D2	40-1425D2	40-1428D2	40-1430D2
3 mm 40°	40-1418D3	40-1420D3	40-1423D3	40-1425D3	40-1428D3	40-1430D3
4 mm 40°	40-1418D4	40-1420D4	40-1423D4	40-1425D4	40-1428D4	40-1430D4
5 mm 40°	40-1418D5	40-1420D5	40-1423D5	40-1425D5	40-1428D5	40-1430D5



**Geister-Kerrison Foraminotomy Rongeurs,
detachable with bone-ejector, curved**

jaw	Length of shaft	
	18 cm	20cm
1 mm 40°	40-2700.10Z	40-2702.10Z
2 mm 40°	40-2700.20Z	40-2702.20Z
3 mm 40°	40-2700.30Z	40-2702.30Z
4 mm 40°	40-2700.40Z	40-2702.40Z
5 mm 40°	40-2700.50Z	40-2702.50Z



Geister-Kerrison Laminectomy Rongeurs

Geister-Kerrison
Laminectomy Rongeurs



**Geister-Kerrison Laminectomy Rongeurs, detachable with
bone-ejector up-biting, bayonet-shaped left and right**

Length of shaft

jaw	left			right		
	11 cm	15 cm	18 cm	11 cm	15 cm	18 cm
1 mm 40°	40-2710.10Z	40-2712.10Z	40-2714.10Z	40-2720.10Z	40-2722.10Z	40-2724.10Z
2 mm 40°	40-2710.20Z	40-2712.20Z	40-2714.20Z	40-2720.20Z	40-2722.20Z	40-2724.20Z
3 mm 40°	40-2710.30Z	40-2712.30Z	40-2714.30Z	40-2720.30Z	40-2722.30Z	40-2724.30Z
4 mm 40°	40-2710.40Z	40-2712.40Z	40-2714.40Z	40-2720.40Z	40-2722.40Z	40-2724.40Z
5 mm 40°	40-2710.50Z	40-2712.50Z	40-2714.50Z	40-2720.50Z	40-2722.50Z	40-2724.50Z
1 mm 90°	40-2730.10Z	40-2732.10Z	40-2734.10Z	40-2740.10Z	40-2742.10Z	40-2744.10Z
2 mm 90°	40-2730.20Z	40-2732.20Z	40-2734.20Z	40-2740.20Z	40-2742.20Z	40-2744.20Z
3 mm 90°	40-2730.30Z	40-2732.30Z	40-2734.30Z	40-2740.30Z	40-2742.30Z	40-2744.30Z
4 mm 90°	40-2730.40Z	40-2732.40Z	40-2734.40Z	40-2740.40Z	40-2742.40Z	40-2744.40Z
5 mm 90°	40-2730.50Z	40-2732.50Z	40-2734.50Z	40-2740.50Z	40-2742.50Z	40-2744.50Z



Geister-Kerrison Laminectomy Rongeurs, detachable with bone-ejector up-biting, bayonet-shaped up

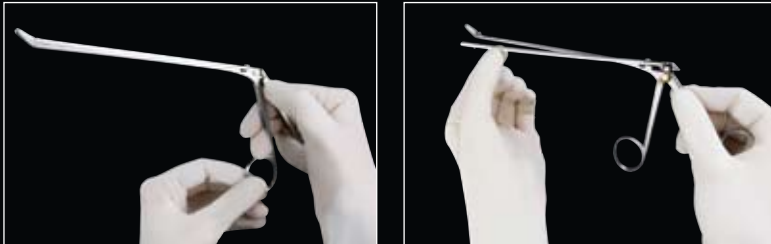
jaw	Length of shaft		
	11 cm	15 cm	18 cm
1 mm 40°	40-2750.10Z	40-2752.10Z	40-2754.10Z
2 mm 40°	40-2750.20Z	40-2752.20Z	40-2754.20Z
3 mm 40°	40-2750.30Z	40-2752.30Z	40-2754.30Z
4 mm 40°	40-2750.40Z	40-2752.40Z	40-2754.40Z
5 mm 40°	40-2750.50Z	40-2752.50Z	40-2754.50Z
1 mm 90°	40-2770.10Z	40-2772.10Z	40-2774.10Z
2 mm 90°	40-2770.20Z	40-2772.20Z	40-2774.20Z
3 mm 90°	40-2770.30Z	40-2772.30Z	40-2774.30Z
4 mm 90°	40-2770.40Z	40-2772.40Z	40-2774.40Z
5 mm 90°	40-2770.50Z	40-2772.50Z	40-2774.50Z



Disassembly Instructions

- Close the handle.
- Push the gold button and keep it pushed.
- Open the handle.
- The upper movable shaft is unlocked and can be slid to the left by a slide move upwards.

Advice: If the handle is closed again, the shaft remains swivelled out so that the instrument can be sterilised in open position.



Demontage

- Griff schließen.
- Goldenen Knopf drücken und gedrückt halten.
- Griff wieder öffnen.
- Das obere Schiebeteil ist entriegelt und kann nach oben abgehoben und nach links ausgeschwenkt werden.

Hinweis: Durch nochmaliges Schließen des Griffes bleibt der Schaft ausgeschwenkt und das Instrument kann in offenem Zustand sterilisiert werden.

Assembly Instructions

- Put back the upper jaw to an open position.
- Close the handle, push the gold button and keep it pushed.
- Open the handle and slide back the movable shaft on the instrument.
- Put the movable shaft in the groove of the jaw and push the shaft downwards.
- Close the handle and the instrument is locked.



Montage

- Maul zurückstellen in offene Position.
- Griff schließen. Goldenen Knopf drücken und gedrückt halten.
- Griff öffnen und Schieber einschwenken.
- Schieber in die Maulkerbe einfädeln und Schieber nach unten drücken.
- Griff schließen – das Instrument ist verriegelt.



Disassembly Instructions

- Close the handle.
- Push the gold button and keep it pushed.
- Open the handle.
- The upper movable shaft is unlocked and can be slit to the left by a slide move upwards.

Advice: If the handle is closed again, the shaft remains swivelled out so that the instrument can be sterilised in open position.



Demontage

- Griff schließen.
- Goldenen Knopf drücken und gedrückt halten.
- Griff wieder öffnen.
- Das obere Schiebeteil ist entriegelt und kann nach oben abgehoben und nach links ausgeschwenkt werden.

Hinweis: Durch nochmaliges Schließen des Griffes bleibt der Schaft ausgeschwenkt und das Instrument kann in offenem Zustand sterilisiert werden.

Assembly Instructions

- Close the handle.
- Push the gold button and keep it pushed.
- Open the handle and slide back the movable shaft on the instrument.
- Put the movable shaft in the lower guide in front and push the shaft downwards.
- Close the handle and the instrument is locked.



Montage

- Griff schließen.
- Goldenen Knopf drücken und gedrückt halten.
- Griff öffnen und Schieber einschwenken.
- Schieber in die untere Führung einsetzen und Schieber nach unten drücken.
- Griff schließen – das Instrument ist verriegelt.



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