



SQ.line® KERRISON Bone Punches

Consistent. Comfortable. Clean. Convenient.

OPERATE WITH GREATER PRECISION™



AESCULAP®

SQ.line® KERRISON Bone Punches

Consistent. Comfortable. Clean. Convenient.

Aesculap – a tradition of high quality.

Aesculap has manufactured KERRISON bone punches for over 100 years.

Throughout the world, "Made by Aesculap" is synonymous with high quality and durability.

The SQ.line KERRISON bone punches are a prime example of our commitment to quality and precision. SQ.line KERRISON bone punches are engineered specifically for the demands of spinal and cranial neurosurgery.

Consistent

Designed to increase performance and durability

Comfortable

Ergonomic handle design

Clean

Easy to clean design

Convenient

Fast and intuitive disassembly/assembly



SQ.line® KERRISON Bone Punches

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Consistent

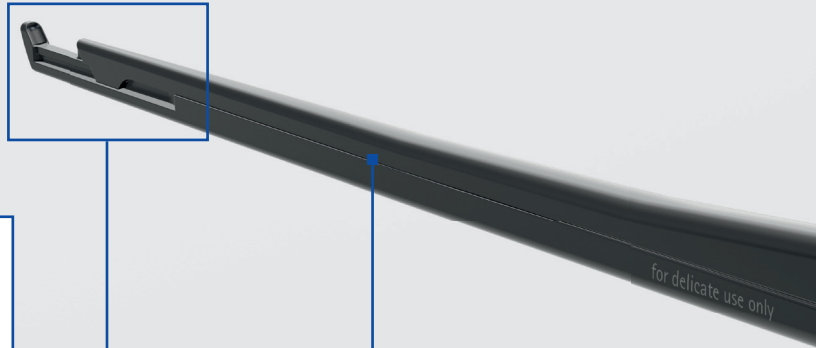
Designed to withstand the rigors of complex procedures, with an increased durability and consistency.

- Up to a 300% increase in durability compared to predecessor¹
- Reduced risk of jamming compared to predecessor¹
- Controlled and fast ejection of bone and tissue¹
- Approximately 50% less light reflection compared to non-coated punches at the working end¹

Flat surface for controlled and fast removal of bone and tissue from the jaw.¹

All SQ.line KERRISON bone punches are equipped with an ejector.

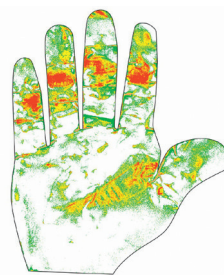
NOIR™ plus coating for reduced occurrence of light reflections¹ plus reduced risk of jamming¹.



Comfortable

The SQ.line® KERRISON bone punch's ergonomic handle design is intended to reduce pressure points for comfortable use during extended surgical procedures.

- Superior comfort for forward and backhand punching^{1*}
- Reduction of pressure peaks (areas with highest surface pressure) by 27%^{1**}
- Suitable for many hand sizes^{1***}



Highest surface pressure
→ maximum discomfort

— Lowest surface pressure
→ maximum comfort

Measurement of SQ.line KERRISON bone punch's surface pressure distribution with a pressure measuring foil.



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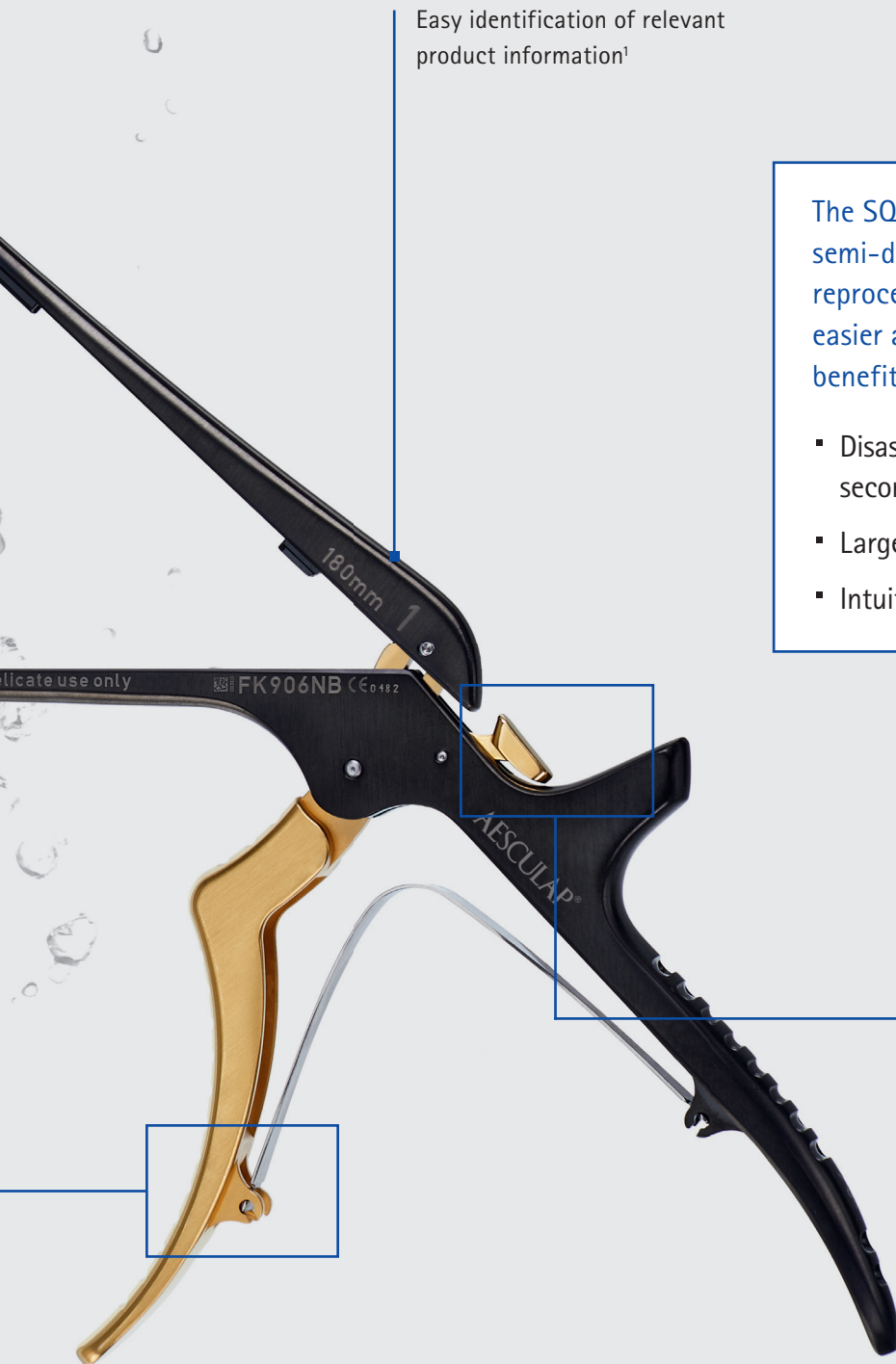
Clean

SQ.line KERRISON bone punches were designed to enhance instrument processing, cleaning and efficiency.

- Easy-to-clean design
- Fully machine washable without manual pre-cleaning
- Designed for visual inspection

Easy-to-clean design of the external spring.





Easy identification of relevant product information¹

Convenient

The SQ.line® KERRISON bone punch's semi-detachable design makes reprocessing and disassembly/assembly easier and more intuitive. This feature also benefits intraoperative cleaning.

- Disassembled/assembled within seconds^{1****}
- Large time-saving potential¹
- Intuitive disassembly/assembly^{1*****}



Gold latch automatically closes when the front handle is pressed.

SQ.line® KERRISON Bone Punches

Portfolio Overview

Product range

- Working lengths: 7", 8", 9", 11"
- Jaw widths: 1 – 6 mm
- Footplates: standard and thin
- Laminectomy jaw openings: 15 mm
- Jaw angles: 40° and 90°
- Jaw positions:
 - upward punching (semi-detachable)
 - downward punching (fully-detachable)



Standard footplate,
40° upwards opening



Standard footplate,
15 mm (Laminectomy) jaw opening,
40° upwards opening

Thin footplate, 40° downwards opening

Standard footplate, 40° downwards opening

Thin footplate, 40° upwards opening

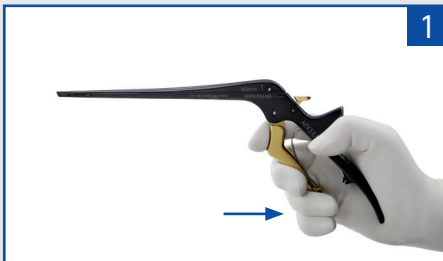
SQ.line® KERRISON Bone Punches

Product Anatomy and Disassembly/Assembly

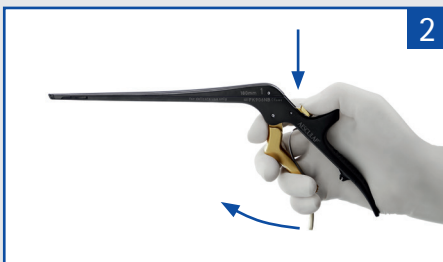
Semi-Detachable KERRISON



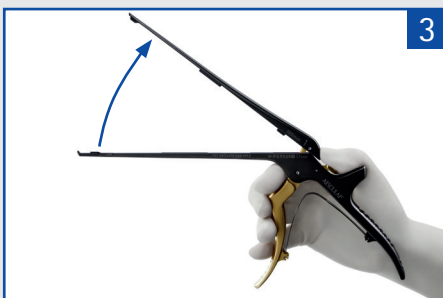
Disassembly



1 Close the front handle.



2 Press down the golden latch completely and release the front handle.



3 Open up the slider.

Chart above excludes downward punches

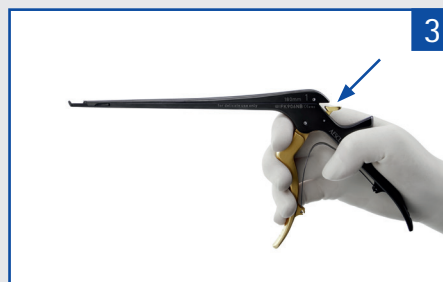
Assembly



1 Close the slider.



2 Close and release the front handle.

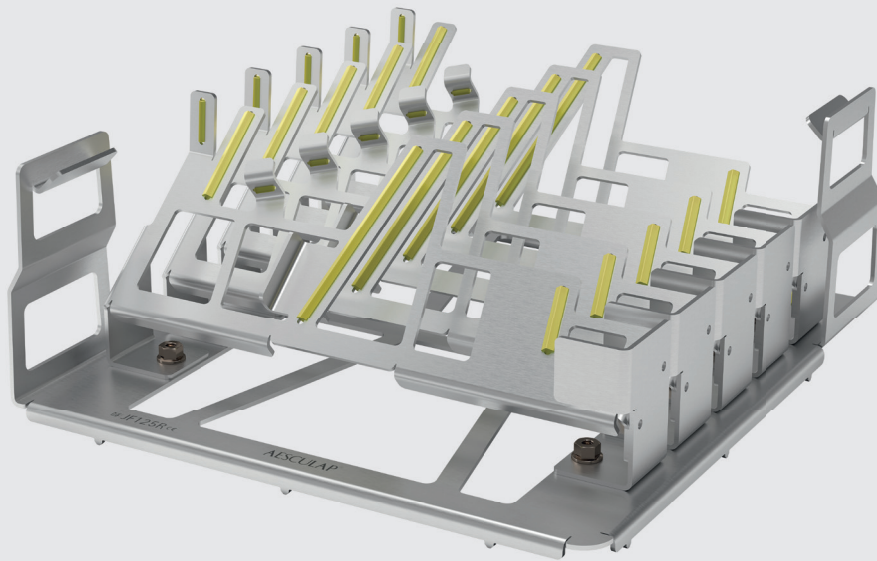


3 The golden latch will close by itself.

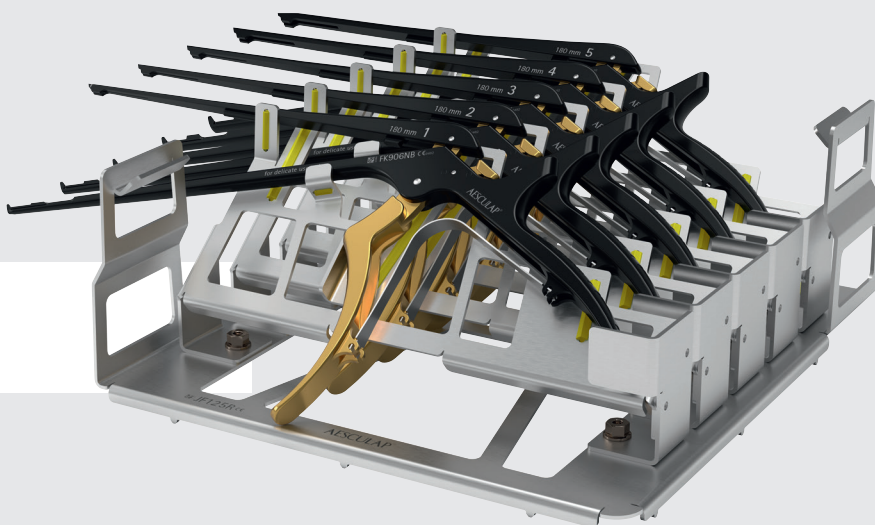
SQ.line® KERRISON Bone Punches

Racks

Protecting the cutting edges and surfaces of the instruments during transport is essential to ensure product durability. The SQ.line KERRISON racks, which offer increased protection during transport, ensure that the bone punches consistently arrive to the operating room in good condition.



- Increased protection of cutting edges and surfaces against transport damages (compared to transportation without rack).¹
- Suitable for the entire instrument cycle (mechanical cleaning, sterilization and instrumentation).
- The racks are designed with cleaning positions and sterilization positions.
- Suitable for the entire SQ.line KERRISON bone punches portfolio in all lengths and sizes.
- Racks including punches are suitable for standard instrument trays with an inner height of 92 mm, including a lid.



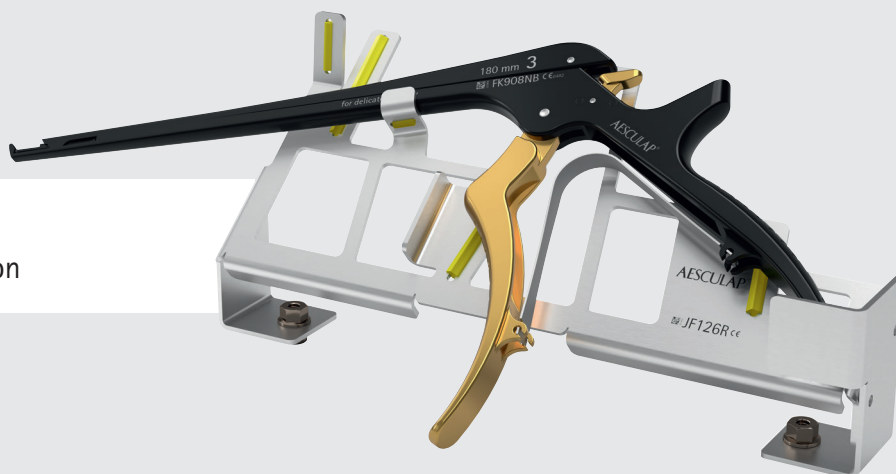
Cleaning position

- KERRISONS are in open position

SQ.line® KERRISON bone punch rack for five punches

Rack is removable from the tray for instrumentation use in the OR.†

JF125R – Rack for five punches (209 mm x 231 mm x 91 mm)



Sterilization position

- KERRISONS are in closed position

SQ.line KERRISON bone punch rack for one punch


Fixed to the tray with two screws.

JF126R – Rack for one punch (192 mm x 68 mm x 83 mm)

SQ.line® KERRISON Bone Punches

Product Overview



Jaw position	Working length	Jaw width	KERRISON standard footplate	KERRISON thin footplate	KERRISON 15 mm (Laminectomy) Jaw
40° upwards 	7" (180 mm)	1 mm	FK900NB	FK906NB	-
		2 mm	FK901NB	FK907NB	-
		3 mm	FK902NB	FK908NB	-
		4 mm	FK903NB	FK909NB	-
		5 mm	FK904NB	FK910NB	-
	8" (200 mm)	1 mm	FK960NB	FK961NB	-
		2 mm	FK913NB	FK962NB	FK970NB
		3 mm	FK914NB	FK963NB	FK982NB
		4 mm	FK915NB	FK964NB	FK983NB
		5 mm	FK916NB	FK965NB	FK984NB
		6 mm	FK917NB	-	-
	9" (230 mm)	1 mm	FK918NB	FK929NB	
		2 mm	FK919NB	FK925NB	
		3 mm	FK920NB	FK926NB	
		4 mm	FK921NB	FK927NB	
		5 mm	FK922NB	FK928NB	
	11" (280 mm)	1 mm	FK981NB	FK980NB	
		2 mm	FK986NB	FK976NB	
		3 mm	FK987NB	FK977NB	
		4 mm	FK988NB	FK978NB	
		5 mm	FK989NB	FK979NB	




Jaw position	Working length	Jaw width	KERRISON standard footplate	KERRISON thin footplate
90° upwards 	8" (200 mm)	1 mm	FK090NB	-
		2 mm	FK091NB	-
		3 mm	FK092NB	-
		4 mm	FK093NB	-
		5 mm	FK094NB	-
40° downwards 	8" (200 mm)	1 mm	FK990NB	FK995NB
		2 mm	FK991NB	FK996NB
		3 mm	FK992NB	FK997NB
		4 mm	FK993NB	FK998NB
		5 mm	FK994NB	FK999NB
90° downwards 	8" (200 mm)	1 mm	FK095NB	
		2 mm	FK096NB	
		3 mm	FK097NB	
		4 mm	FK098NB	
		5 mm	FK099NB	

Width (mm)	 1 mm	 2 mm	 3 mm	 4 mm	 5 mm	 6 mm
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Scan for more information
on our latest KERRISON Bone
Punches or contact your local
sales representative.





Through collaborative
excellence we will improve the
quality of a patient's life and
meet the needs of the changing
healthcare environment.

¹ Aesculap, Inc. Data on File

* Attested by majority of users in comparison to predecessor items and a leading competitor

** In a test with one user

*** Tested with 12 surgeons with gloves sizes from S – L

**** Result of usability test with CSSD staff

***** Confirmed by interviewed CSSD staff; 80% disassembly and > 90% assembly, excludes downward punches

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