

# Aesculap Neurosurgery Bone Punches

KERRISON Design



The comprehensive range of bone punches from Aesculap!

# KERRISON Bone Punches from Aesculap



**Non-detachable  
KERRISON Bone Punch**

## **Proven**

...considered a classic for over 100 years. The graceful slim design and excellent cutting properties are its hallmark.



## **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.

## **From raw material to KERRISON bone punch.**

Many steps are needed to transform a piece of steel into an Aesculap bone punch. The precision of each individual component creates the perfection of a finished KERRISON bone punch.



#### Detachable KERRISON Bone Punch

##### **Detachable**

...can be disassembled without tools in only 3 steps for optimal reprocessing.

#### KERRISON Noir® Bone Punch

##### **Aesthetic**

...with a special black coating for reduced light reflection in the operating area.

#### Special KERRISON Bone Punches

##### **Special**

...whether curved, bayonet-shaped, extra long, of intermediate size or with a large jaw – we provide the solution.

## Skilfully and expertly hand-crafted

To ensure that the instruments function precisely, every single part is manufactured by hand and subsequently checked. This is why the bone punches are equal to the high demands of every operation.

# Aesculap Bone Punches

Non-detachable KERRISON punches

Proven

## Thin footplate

These Kerrison punches feature a distinctive golden distal end.

## Large jaw punches

offer a 66 % wider jaw opening compared to standard punches.

<<<<< Large jaw width >>>>>  
15 mm

< Standard jaw width >  
8 - 12 mm



## Extra-long version

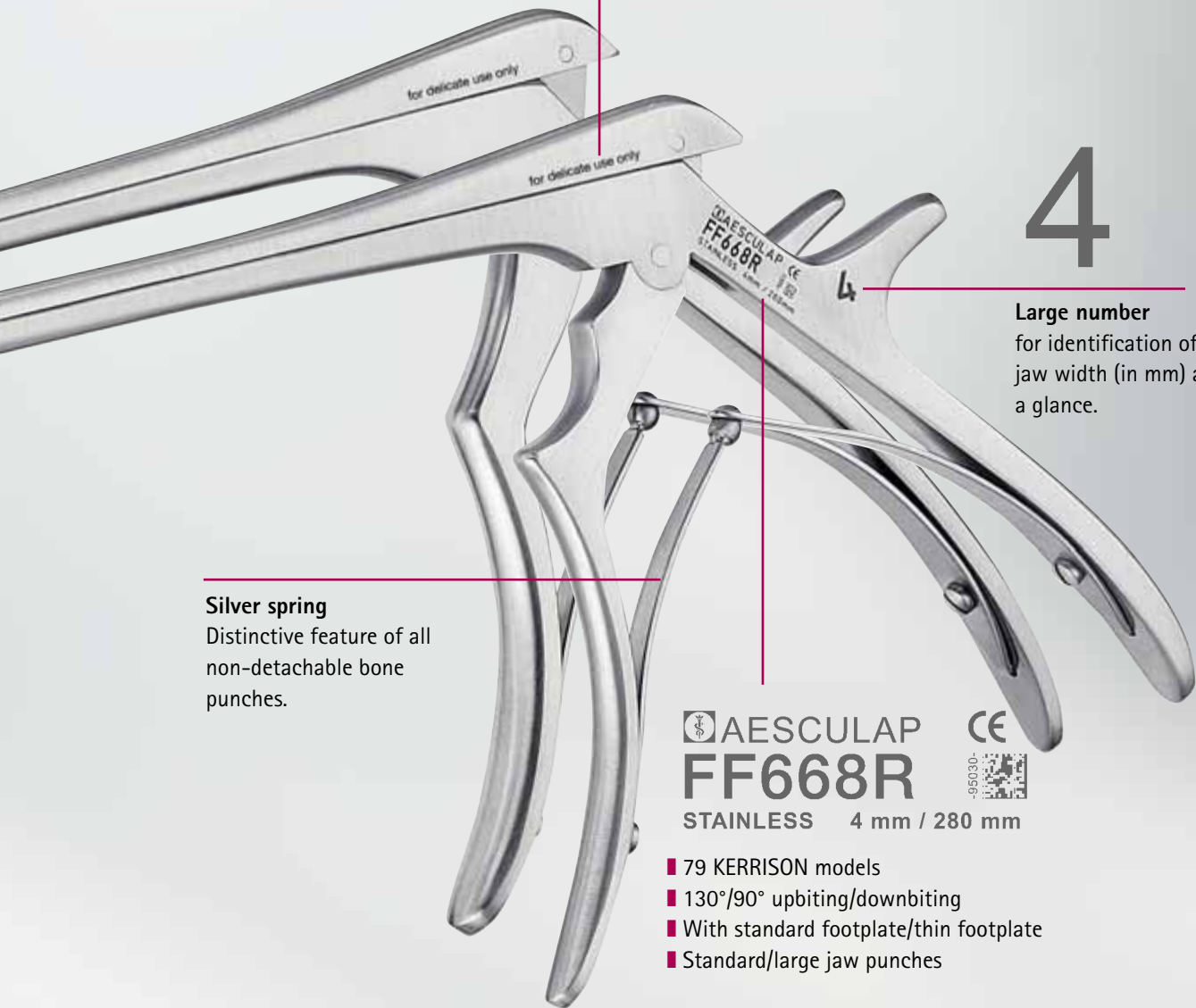
This 280-mm punch completes the portfolio.

Its extra length offers sufficient reserves for bridging the distance to the application site.



for delicate use only

Punches with a thin footplate are used exclusively for removing small portions of bone and soft tissue.




**Silver spring**

Distinctive feature of all non-detachable bone punches.

4

**Large number**  
for identification of  
jaw width (in mm) at  
a glance.

 **AESCULAP**   
**FF668R**  
STAINLESS 4 mm / 280 mm

- 79 KERRISON models
- 130°/90° upbiting/downbiting
- With standard footplate/thin footplate
- Standard/large jaw punches

■ Lengths:	180 mm (7")
	200 mm (8")
	230 mm (9")
	280 mm (11")

■ Jaw widths:	1 - 6 mm
■ Intermediate sizes:	1.5 mm width
	2.5 mm width

- Without ejector

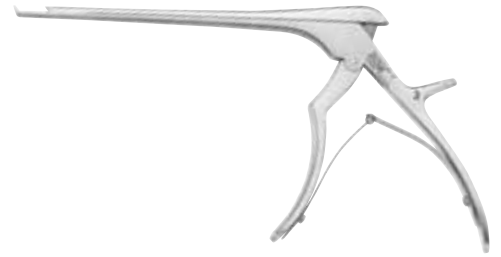
# Aesculap Bone Punches

## Non-detachable KERRISON punches

### Jaw position 130°, upwards




Length	Width	Footplate	Art. no.	Jaw width
180 mm	1.0 mm	standard	FF715R	8 mm
	1.0 mm	thin	FF771R	8 mm
	1.5 mm	standard	FF638R	9 mm
	1.5 mm	thin	FF645R	9 mm
	1.5 mm	standard	FF647R	15 mm
	2.0 mm	standard	FF717R	9 mm
	2.0 mm	thin	FF772R	9 mm
	2.0 mm	standard	FF677R	15 mm
	2.5 mm	standard	FF639R	10 mm
	2.5 mm	thin	FF646R	10 mm
	2.5 mm	standard	FF648R	15 mm
	3.0 mm	standard	FF720R	10 mm
	3.0 mm	thin	FF773R	10 mm
	3.0 mm	standard	FF678R	15 mm
	4.0 mm	standard	FF724R	12 mm
	4.0 mm	thin	FF769R	12 mm
	4.0 mm	standard	FF679R	15 mm
	5.0 mm	standard	FF722R	12 mm
	5.0 mm	thin	FF770R	12 mm
	5.0 mm	standard	FF680R	15 mm
	6.0 mm	standard	FF726R	12 mm
	6.0 mm	standard	FF681R	15 mm
200 mm	1.0 mm	thin	FF661R	8 mm
	1.5 mm	standard	FF649R	9 mm
	1.5 mm	thin	FF658R	9 mm
	2.0 mm	standard	FF737R	9 mm
	2.0 mm	thin	FF662R	9 mm
	2.0 mm	standard	FF660R	15 mm
	2.5 mm	standard	FF657R	10 mm
	2.5 mm	thin	FF659R	10 mm
	3.0 mm	standard	FF738R	10 mm
	3.0 mm	thin	FF663R	10 mm
	3.0 mm	standard	FF739R	15 mm
	4.0 mm	standard	FF727R	12 mm
	4.0 mm	thin	FF664R	12 mm
	4.0 mm	standard	FF745R	15 mm
	5.0 mm	standard	FF728R	12 mm
	5.0 mm	thin	FF665R	12 mm
	5.0 mm	standard	FF751R	15 mm
	6.0 mm	standard	FF729R	12 mm
	6.0 mm	standard	FF753R	15 mm
230 mm	2.0 mm	standard	FF682R	9 mm
	2.0 mm	thin	FF746R	9 mm
	3.0 mm	standard	FF683R	10 mm
	3.0 mm	thin	FF747R	10 mm
	4.0 mm	standard	FF684R	12 mm
	4.0 mm	thin	FF748R	12 mm
	5.0 mm	standard	FF685R	12 mm
	5.0 mm	thin	FF749R	12 mm
280 mm	2.0 mm	thin	FF666R	9 mm
	3.0 mm	thin	FF667R	10 mm
	4.0 mm	thin	FF668R	12 mm
	5.0 mm	thin	FF669R	12 mm



### Jaw position 130°, downwards

Length	Width	Footplate	Art. no.	Jaw width
180 mm	1.0 mm	standard	FF711R	8 mm
	1.0 mm	thin	FF781R	8 mm
	2.0 mm	standard	FF712R	9 mm
	2.0 mm	thin	FF782R	9 mm
	3.0 mm	standard	FF713R	10 mm
	3.0 mm	thin	FF783R	10 mm
	4.0 mm	standard	FF714R	12 mm
	4.0 mm	thin	FF784R	12 mm
	5.0 mm	standard	FF725R	12 mm
	5.0 mm	thin	FF785R	12 mm
230 mm	2.0 mm	standard	FF692R	9 mm
	3.0 mm	standard	FF693R	10 mm
	4.0 mm	standard	FF694R	12 mm
	5.0 mm	standard	FF695R	12 mm

130°

### Jaw position 90°, upwards

Length	Width	Footplate	Art. no.	Jaw width
180 mm	1.0 mm	standard	FF716R	8 mm
	2.0 mm	standard	FF718R	9 mm
	3.0 mm	standard	FF750R	10 mm
	4.0 mm	standard	FF752R	12 mm
	5.0 mm	standard	FF754R	12 mm
	6.0 mm	standard	FF755R	12 mm

90°

### Jaw position 90°, downwards

Length	Width	Footplate	Art. no.	Jaw width
180 mm	1.0 mm	standard	FF741R	8 mm
	2.0 mm	standard	FF719R	9 mm
	3.0 mm	standard	FF721R	10 mm
	4.0 mm	standard	FF742R	12 mm
	5.0 mm	standard	FF723R	12 mm
	6.0 mm	standard	FF743R	12 mm

90°

Proven



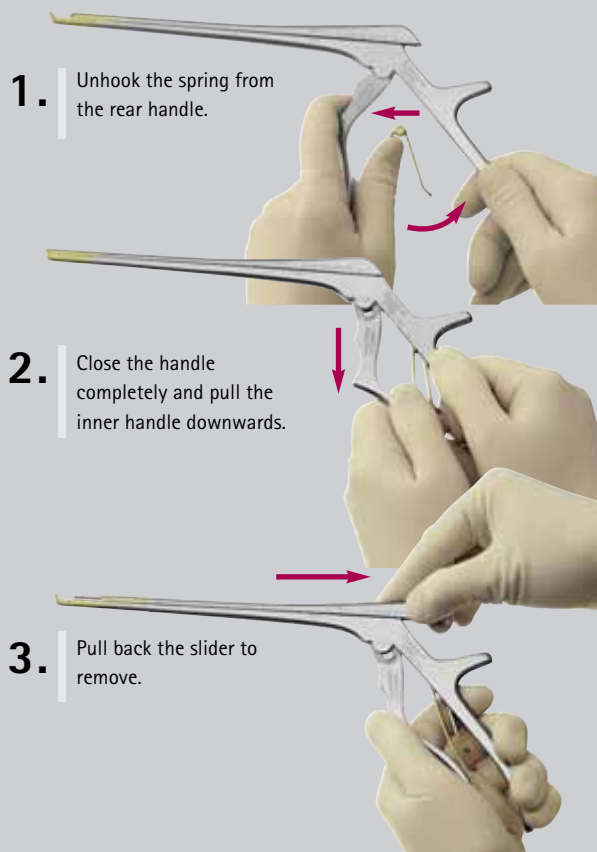
# Aesculap Bone Punches

## Detachable KERRISON punches

### Detachable

- Easy disassembly and assembly
- Efficient cleaning and sterilization
- Nothing can be lost

### Disassembly in 3 steps:



Detachable KERRISON punches with thin footplate clearly recognizable by the golden distal end.



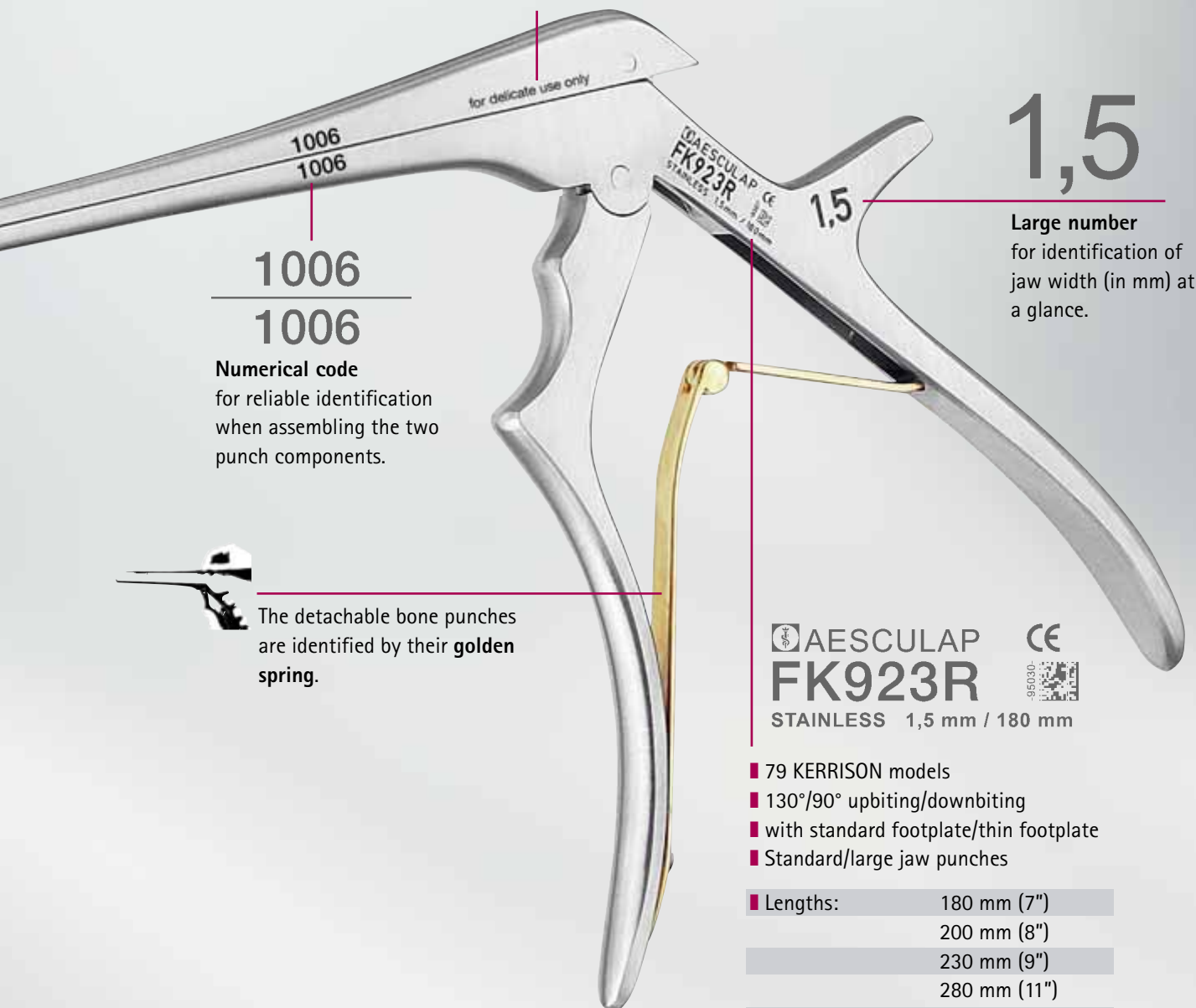
Ejector – for easy removal of punched-out material.





## for delicate use only

Punches with a thin footplate are used exclusively for removing small portions of bone and soft tissue.



1006  
1006

**Numerical code**  
for reliable identification  
when assembling the two  
punch components.

1,5

**Large number**  
for identification of  
jaw width (in mm) at  
a glance.



The detachable bone punches  
are identified by their **golden  
spring**.

**AESCULAP** **FK923R** **CE**  
STAINLESS 1,5 mm / 180 mm

- 79 KERRISON models
- 130°/90° upbiting/downbiting
- with standard footplate/thin footplate
- Standard/large jaw punches


■ Lengths:	180 mm (7")
	200 mm (8")
	230 mm (9")
	280 mm (11")

■ Jaw widths:	1 - 6 mm
■ Intermediate sizes:	1.5 mm width
	2.5 mm width

# Aesculap Bone Punches

## Detachable KERRISON punches

### Jaw position 130°, upwards

Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK900R	-	8 mm
	1.0 mm	thin	FK906R	-	8 mm
	1.5 mm	standard	FK911R	-	9 mm
	1.5 mm	thin	FK923R	-	9 mm
	1.5 mm	standard	FK941R	-	15 mm
	2.0 mm	standard	FK901R	✓	9 mm
	2.0 mm	thin	FK907R	✓	9 mm
	2.0 mm	standard	FK971R	✓	15 mm
	2.5 mm	standard	FK912R	✓	10 mm
	2.5 mm	thin	FK924R	✓	10 mm
	2.5 mm	standard	FK942R	✓	15 mm
	3.0 mm	standard	FK902R	✓	10 mm
	3.0 mm	thin	FK908R	✓	10 mm
	3.0 mm	standard	FK972R	✓	15 mm
	4.0 mm	standard	FK903R	✓	12 mm
	4.0 mm	thin	FK909R	✓	12 mm
	4.0 mm	standard	FK973R	✓	15 mm
	5.0 mm	standard	FK904R	✓	12 mm
	5.0 mm	thin	FK910R	✓	12 mm
	5.0 mm	standard	FK974R	✓	15 mm
	6.0 mm	standard	FK905R	✓	12 mm
	6.0 mm	standard	FK975R	✓	15 mm
200 mm	1.0 mm	thin	FK961R	-	8 mm
	1.5 mm	standard	FK966R	-	9 mm
	1.5 mm	thin	FK968R	-	9 mm
	2.0 mm	standard	FK913R	✓	9 mm
	2.0 mm	thin	FK962R	✓	9 mm
	2.0 mm	standard	FK970R	✓	15 mm
	2.5 mm	standard	FK967R	✓	10 mm
	2.5 mm	thin	FK969R	✓	10 mm
	3.0 mm	standard	FK914R	✓	10 mm
	3.0 mm	thin	FK963R	✓	10 mm
	3.0 mm	standard	FK982R	✓	15 mm
	4.0 mm	standard	FK915R	✓	12 mm
	4.0 mm	thin	FK964R	✓	12 mm
	4.0 mm	standard	FK983R	✓	15 mm
	5.0 mm	standard	FK916R	✓	12 mm
	5.0 mm	thin	FK965R	✓	12 mm
	5.0 mm	standard	FK984R	✓	15 mm
	6.0 mm	standard	FK917R	✓	12 mm
	6.0 mm	standard	FK985R	✓	15 mm
230 mm	2.0 mm	standard	FK919R	✓	9 mm
	2.0 mm	thin	FK925R	✓	9 mm
	3.0 mm	standard	FK920R	✓	10 mm
	3.0 mm	thin	FK926R	✓	10 mm
	4.0 mm	standard	FK921R	✓	12 mm
	4.0 mm	thin	FK927R	✓	12 mm
	5.0 mm	standard	FK922R	✓	12 mm
	5.0 mm	thin	FK928R	✓	12 mm
280 mm	2.0 mm	thin	FK976R	✓	9 mm
	3.0 mm	thin	FK977R	✓	10 mm
	4.0 mm	thin	FK978R	✓	12 mm
	5.0 mm	thin	FK979R	✓	12 mm



### Jaw position 130°, downwards

Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK930R	-	8 mm
	1.0 mm	thin	FK936R	-	8 mm
	2.0 mm	standard	FK931R	✓	9 mm
	2.0 mm	thin	FK937R	✓	9 mm
	3.0 mm	standard	FK932R	✓	10 mm
	3.0 mm	thin	FK938R	✓	10 mm
	4.0 mm	standard	FK933R	✓	12 mm
	4.0 mm	thin	FK939R	✓	12 mm
	5.0 mm	standard	FK934R	✓	12 mm
	5.0 mm	thin	FK940R	✓	12 mm
230 mm	2.0 mm	standard	FK943R	✓	9 mm
	3.0 mm	standard	FK944R	✓	10 mm
	4.0 mm	standard	FK945R	✓	12 mm
	5.0 mm	standard	FK946R	✓	12 mm

130°

### Jaw position 90°, upwards

Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK948R	-	8 mm
	2.0 mm	standard	FK949R	✓	9 mm
	3.0 mm	standard	FK950R	✓	10 mm
	4.0 mm	standard	FK951R	✓	12 mm
	5.0 mm	standard	FK952R	✓	12 mm
	6.0 mm	standard	FK953R	✓	12 mm

90°

### Jaw position 90°, downwards

Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK945R	-	8 mm
	2.0 mm	standard	FK955R	✓	9 mm
	3.0 mm	standard	FK956R	✓	10 mm
	4.0 mm	standard	FK957R	✓	12 mm
	5.0 mm	standard	FK958R	✓	12 mm
	6.0 mm	standard	FK959R	✓	12 mm

90°

Detachable

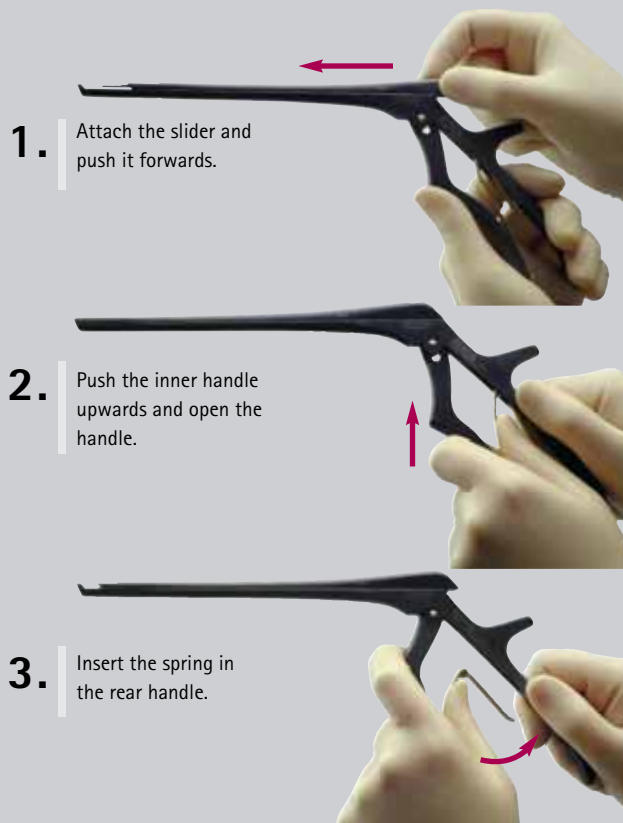
# Aesculap Bone Punches

Noir® – coated KERRISON punches

## Aesthetic

- Easy disassembly and assembly
- Noir® coating

## Assembly in 3 steps:



The black surface coating prevents distracting light reflection.



**Ejector** – for the easy removal of punched-out material.



## for delicate use only

Punches with a thin footplate are used exclusively for removing small portions of bone and soft tissue.



1001  
1001

**Numerical code**  
for reliable identification  
when assembling the two  
punch components.



The detachable bone punches  
are identified by their **golden  
spring**.

3

**Large number**  
for identification of  
jaw width (in mm) at  
a glance.

AESCULAP  
**FK908B**

STAINLESS 3 mm / 180 mm



- 55 KERRISON Noir® models
- 130°/90° upbiting
- with standard footplate/thin footplate
- Standard/large jaw punches



■ Lengths:	180 mm (7")
	200 mm (8")
	230 mm (9")
	280 mm (11")

■ Jaw widths:	1 - 6 mm
■ Intermediate sizes:	1.5 mm width
	2.5 mm width

# Aesculap Bone Punches

Noir® – coated KERRISON punches

## Jaw position 130°, upwards

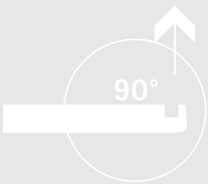



Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK900B	-	8 mm
	1.0 mm	thin	FK906B	-	8 mm
	1.5 mm	standard	FK911B	-	9 mm
	1.5 mm	thin	FK923B	-	9 mm
	1.5 mm	standard	FK941B	-	15 mm
	2.0 mm	standard	FK901B	✓	9 mm
	2.0 mm	thin	FK907B	✓	9 mm
	2.0 mm	standard	FK971B	✓	15 mm
	2.5 mm	standard	FK912B	✓	10 mm
	2.5 mm	thin	FK924B	✓	10 mm
	2.5 mm	standard	FK942B	✓	15 mm
	3.0 mm	standard	FK902B	✓	10 mm
	3.0 mm	thin	FK908B	✓	10 mm
	3.0 mm	standard	FK972B	✓	15 mm
	4.0 mm	standard	FK903B	✓	12 mm
	4.0 mm	thin	FK909B	✓	12 mm
	4.0 mm	standard	FK973B	✓	15 mm
	5.0 mm	standard	FK904B	✓	12 mm
	5.0 mm	thin	FK910B	✓	12 mm
	5.0 mm	standard	FK974B	✓	15 mm
	6.0 mm	standard	FK905B	✓	12 mm
	6.0 mm	standard	FK975B	✓	15 mm
200 mm	1.0 mm	thin	FK961B	-	8 mm
	1.5 mm	standard	FK966B	-	9 mm
	1.5 mm	thin	FK968B	-	9 mm
	2.0 mm	standard	FK913B	✓	9 mm
	2.0 mm	thin	FK962B	✓	9 mm
	2.0 mm	standard	FK970B	✓	15 mm
	2.5 mm	standard	FK967B	✓	10 mm
	2.5 mm	thin	FK969B	✓	10 mm
	3.0 mm	standard	FK914B	✓	10 mm
	3.0 mm	thin	FK963B	✓	10 mm
	3.0 mm	standard	FK982B	✓	15 mm
	4.0 mm	standard	FK915B	✓	12 mm
	4.0 mm	thin	FK964B	✓	12 mm
	4.0 mm	standard	FK983B	✓	15 mm
	5.0 mm	standard	FK916B	✓	12 mm
	5.0 mm	thin	FK965B	✓	12 mm
	5.0 mm	standard	FK984B	✓	15 mm
	6.0 mm	standard	FK917B	✓	12 mm
	6.0 mm	standard	FK985B	✓	15 mm
230 mm	2.0 mm	thin	FK925B	✓	9 mm
	3.0 mm	thin	FK926B	✓	10 mm
	4.0 mm	thin	FK927B	✓	12 mm
	5.0 mm	thin	FK928B	✓	12 mm
280 mm	2.0 mm	thin	FK976B	✓	9 mm
	3.0 mm	thin	FK977B	✓	10 mm
	4.0 mm	thin	FK978B	✓	12 mm
	5.0 mm	thin	FK979B	✓	12 mm



### Jaw position 90°, upwards

Length	Width	Footplate	Art. no.	Ejector	Jaw width
180 mm	1.0 mm	standard	FK948B	-	8 mm
	2.0 mm	standard	FK949B	✓	9 mm
	3.0 mm	standard	FK950B	✓	10 mm
	4.0 mm	standard	FK951B	✓	12 mm
	5.0 mm	standard	FK952B	✓	12 mm
	6.0 mm	standard	FK953B	✓	12 mm



Width (mm) 1.0 1.5 2.0 2.5 3.0 4.0 5.0 6.0



# Aesculap Bone Punches

## Special KERRISON Bone Punches

### Special

In addition to standard punches, Aesculap offers a portfolio of special bone punches for almost every surgical situation.

#### ■ 8 special bayonet-shaped and curved punches

- Classic non-detachable bone punch with an upbiting curved jaw for easy removal of bone material, especially from between the vertebral arches.

#### Curved KERRISON punch, upbiting

Length	Width	Art. no.	Jaw width
200 mm	2.0 mm	FF466R	10 mm
	3.0 mm	FF467R	10 mm
	4.0 mm	FF468R	10 mm
	5.0 mm	FF469R	10 mm

- Classic non-detachable bayonet-shaped bone punch for optimal vision over the shaft of the instrument in the operating area.

#### Bayonet-shaped KERRISON punch, 130°, upbiting

Length	Width	Working length	Art. no.	Jaw width
240 mm	2.0 mm	170 mm	FF496R	10 mm
	3.0 mm	170 mm	FF497R	10 mm
	4.0 mm	170 mm	FF498R	10 mm
	5.0 mm	170 mm	FF499R	10 mm

#### ■ Extra long – 12 KERRISON models

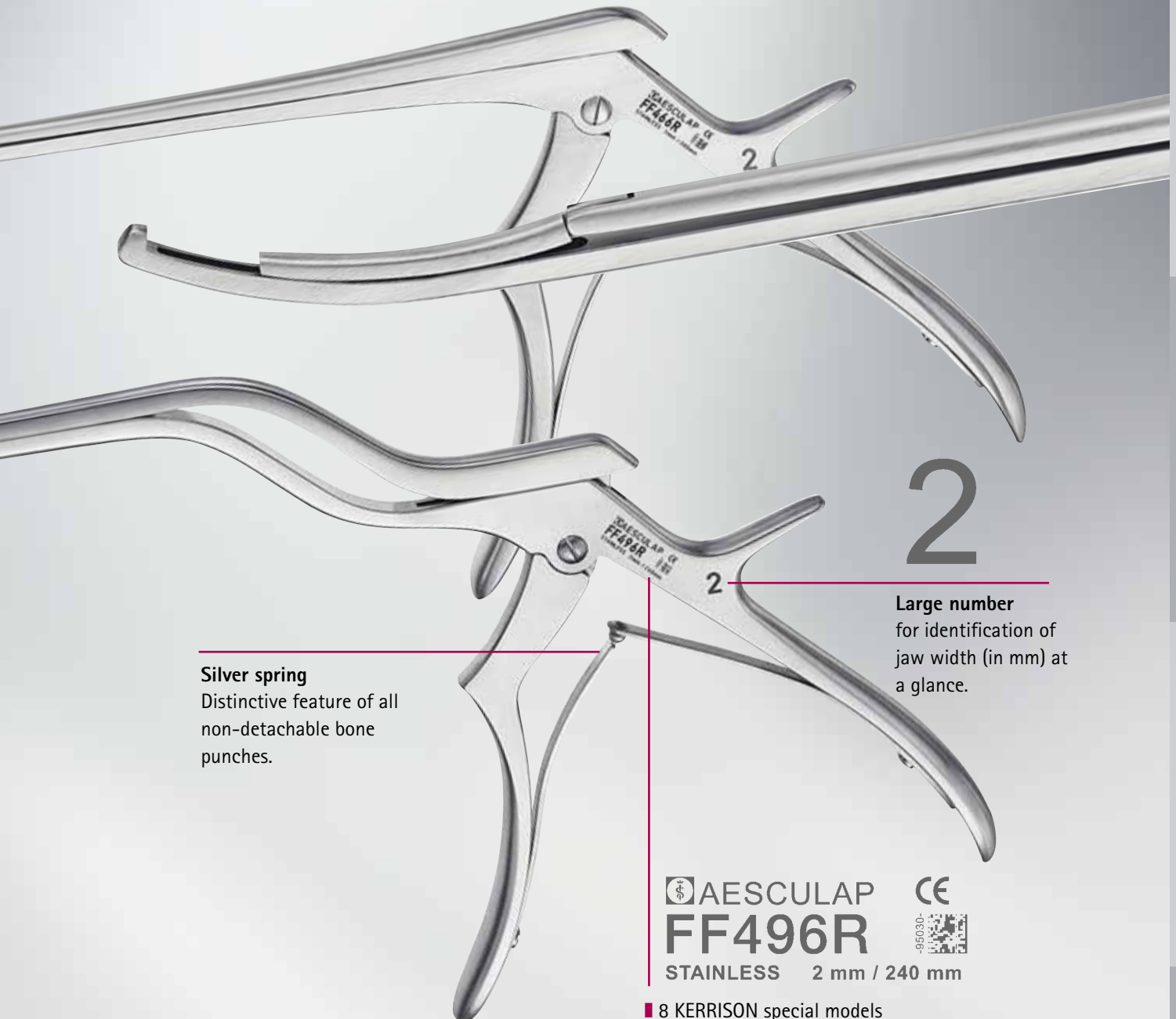


#### ■ Intermediate sizes – 30 KERRISON models



#### ■ Large jaw – 36 KERRISON models





#### Silver spring

Distinctive feature of all non-detachable bone punches.

# 2

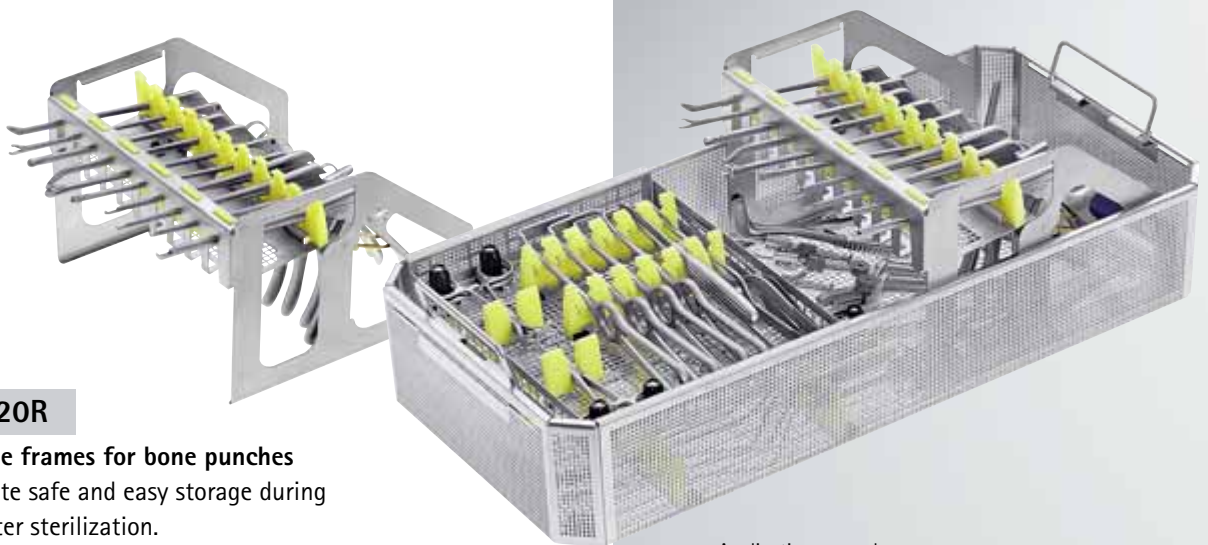
**Large number**  
for identification of  
jaw width (in mm) at  
a glance.

 **AESCULAP**   
**FF496R**  
STAINLESS 2 mm / 240 mm

- 8 KERRISON special models
- bayonet-shaped, for an optimal overview
- curved, for areas that are difficult to reach

- Length: 200 mm (8")
- Jaw widths: 2 - 5 mm
- Without ejector

# Aesculap Bone Punches



## JF120R

Storage frames for bone punches facilitate safe and easy storage during and after sterilization.

Application example:  
Transsphenoidal hypophysectomy set



For further information on the reprocessing of instruments, please refer to the brochure "Proper Maintenance of Instruments".



Information on disassembly and reprocessing of the KERRISON bone punch is also available on the KERRISON poster C22911.



For further information on the Aesculap Instrument Organization System, please refer to the brochure C81901.



For further information on the pneumatic bone punch, please refer to the brochure C24301.



## **KAIRISON<sup>®</sup>** Pneumatic Bone Punch



Technology that makes life easier.

The KAIRison is a new bone punch powered by compressed air. Air is used to transform the KERRISON into the innovative KAIRison punch!

**Easy and safe – at the touch of a button!**



AESCULAP®

**B | BRAUN**  
SHARING EXPERTISE

**Aesculap AG**

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