

# EC/IC Bypass Instruments



Aesculap Neurosurgery

AESCULAP®

# EC/IC Bypass Instruments



## Product Details

- Micro scissors for very fine, delicate incisions  
e.g. – to expose fine vessels in bypass surgery
- Micro forceps for grasping fine, delicate tissue  
e.g. – to hold the vessels during anastomosis in bypass surgery
- Needle holders for grasping fine needles and suture material during bypass surgery
- Vessel punch for punching holes in vessels for subsequent anastomosis

## Product Features

- Round golf ball handle design provides a secure grip and allows for easy rotation
- Fine instrument tips, which are particularly important for these anatomical structures
- Short, medium and long working lengths adapt to allow exposure of varying surgical field depths
- **Noir™, No Irritating Reflections**  
The aesthetic black Noir surface coating effectively prevents irritating light reflections



**Peter Vajkoczy, MD**  
Berlin, Germany

The reliable performance of the full armamentarium of bypass types, at different depths along the basal cisterns and the sylvian fissure, remains a challenge, to both the surgeon and his instruments. Aesculap has to be congratulated for their Bypass set which very efficiently masters this challenge. These instruments combine a straightforward concept and delicate design with a high degree of durability. This allows these instruments to withstand the stress put on them by their routine use in the OR and sterilization process. In addition, the design of the handles provides a maximum of precise maneuverability and turns the use of this set into a balanced and joyful daily experience.



**Thomas A. Kopitnik, MD**  
Casper, Wyoming, USA

The feel, balance, and precision is extraordinary and it is clear that much consideration and attention was given to the length, construction, and coating of these instruments. This matched set of instruments provide the surgeon a comprehensive solution to microvascular techniques ranging from superficial to very deep exposures. This bypass set should be in any surgical suite where fine microvascular repairs or anastomosis may be necessary.



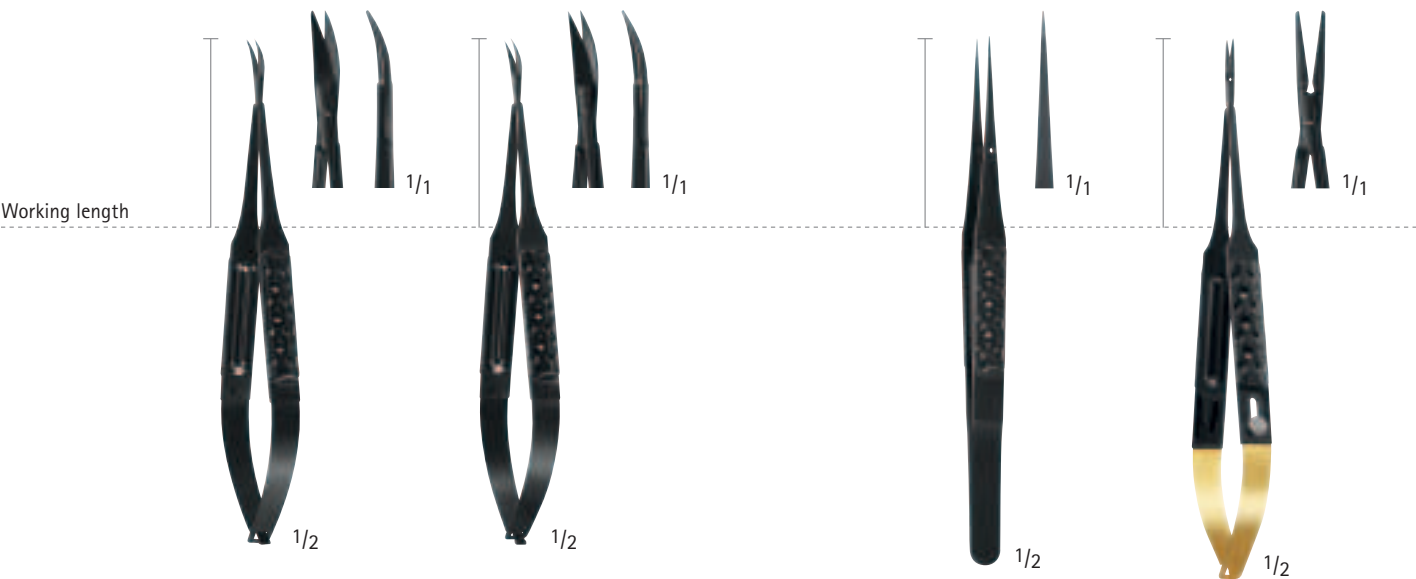
# EC/IC Bypass Instruments

## Short micro instruments

Noir™ Bypass scissors

Noir Bypass forceps

Noir Bypass needle holder



sharp/sharp	>
blunt/sharp	>>
Working length	50 mm
Total length	140 mm

FD481B
50 mm
140 mm

FD482B
50 mm
140 mm

0.3 mm	=====
0.5 mm	=====
Working length	50 mm
Total length	140 mm

FD488B
50 mm
140 mm

FD493B
50 mm
150 mm



Noir™ Diamond knife  
wedge blade



**FD115D**

Working length

80 mm

Total length

205 mm

# EC/IC Bypass Instruments

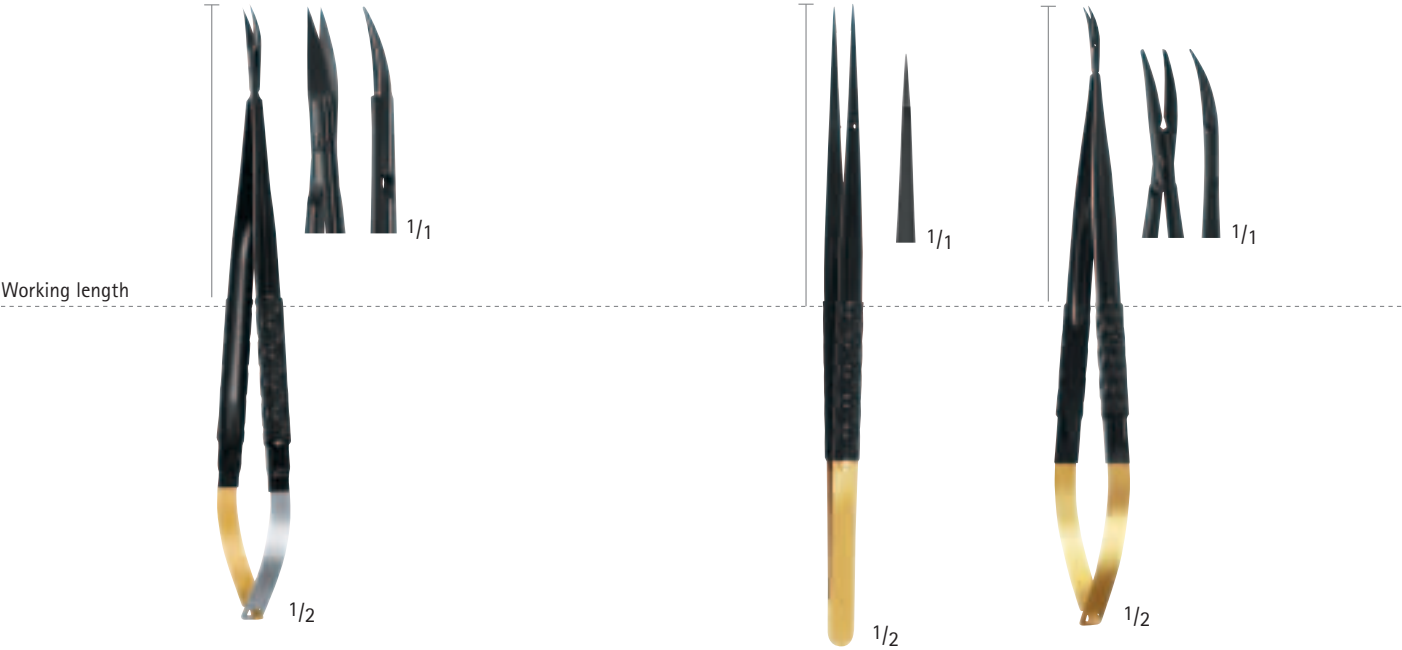
## Medium micro instruments






Noir™ Bypass scissors

Noir Bypass forceps

Noir Bypass needle holder



sharp/sharp 	<b>FD483B</b>
Working length	80 mm
Total length	170 mm

0.3 mm 	<b>FD489B</b>
0.5 mm 	
Working length	80 mm
Total length	170 mm

	<b>FD494B</b>
Working length	80 mm
Total length	170 mm



Medium

Noir™ Bypass  
vessel punch

Noir Diamond knife  
wedge blade



**FB194B**

**FD115D**

Working length

50 mm

80 mm

Total length

140 mm

205 mm

# EC/IC Bypass Instruments

Long micro instruments

Noir™ Bypass scissors



Working length

sharp/sharp >

blunt/sharp >>

Working length

Total length

FD484B

FD485B

100 mm, 0°

100 mm, 45°

225 mm

225 mm

Noir Bypass forceps



Working length

0.3 mm

0.5 mm

Working length

Total length

FD490B

100 mm

210 mm

Noir Bypass needle holder



Working length

Working length

Total length

FD495B

100 mm

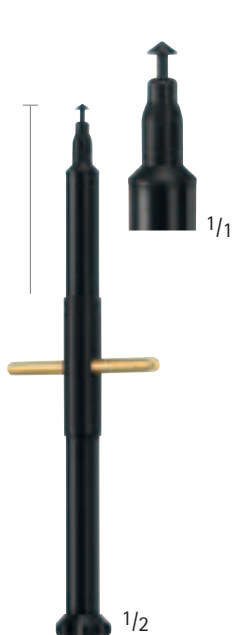
210 mm

8





Noir™ Bypass  
vessel punch



**FB194B**

Working length

50 mm

Total length

140 mm

Noir Diamond knife  
wedge blade



**FD115D**

80 mm

205 mm

Bypass instrument storage basket



**FD460R**

410 x 257 x 56 mm

# EC/IC Bypass Instruments



Quantity	Item No.	Product Description
1 x	<b>FD481B</b>	Bypass scissors, Noir™, curved, blunt/sharp, 140 mm
1 x	<b>FD482B</b>	Bypass scissors, Noir, curved, sharp/sharp, 140 mm
1 x	<b>FD483B</b>	Bypass scissors, Noir, curved, sharp/sharp, 170 mm
1 x	<b>FD484B</b>	Bypass scissors, Noir, curved, sharp/sharp, 225 mm
1 x	<b>FD485B</b>	Bypass scissors, Noir, curved, blunt/sharp, 225 mm
2 x	<b>FD488B</b>	Bypass forceps, Noir, straight, 0.3 mm, 140 mm
2 x	<b>FD489B</b>	Bypass forceps, Noir, straight, 0.3 mm, 170 mm
2 x	<b>FD490B</b>	Bypass forceps, Noir, straight, 0.3 mm, 210 mm
1 x	<b>FD493B</b>	Bypass needle holder, Noir, straight, 0.5 mm, 150 mm
1 x	<b>FD494B</b>	Bypass needle holder, Noir, curved, 0.5 mm, 170 mm
1 x	<b>FD495B</b>	Bypass needle holder, Noir, curved, 0.5 mm, 210 mm
1 x	<b>FD115D</b>	Diamond knife, Noir, 45° wedge blade
1 x	<b>FB194B</b>	Noir Bypass vessel punch
1 x	<b>FD460R</b>	Bypass instrument storage basket

\*Recommended set list by Peter Vajkoczy, MD:



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