

# Modular Instruments



Big on Detail



# Modular Instruments

## The System

The modular construction makes it possible to assemble an optimum instrument for surgery from a choice of jaw inserts, tubular sheaths and handles.

Thanks to the accurately manufactured bayonet lock between the jaw insert and the sheath, as well as twist connections between the sheath and the various handles, the instruments can be dismantled in no time. This makes it possible to clean parts of the equipment that would otherwise be difficult to access, and also makes the procurement of individual modules a cost-effective matter.

Sheaths and jaw inserts of the instruments can be rotated through 360°. The uncomplicated construction and the use of state of the art materials guarantee a long service life of the instruments.

### Jaw inserts

- 5 und 10 mm diameter
- working lengths of 31 cm, 23 cm and 43 cm



### Tubular sheaths

- 5 und 10 mm diameter
- working lengths of 31 cm, 23 cm und 43 cm
- rotatable through 360°, or fixed
- insulated or available in stainless steel



### Handles



- standard handles in plastic or stainless steel
- without, with internal or with external ratchet



- axial handles in PEEK in two sizes
- standard size with or without ratchet
- small size with switchable ratchet



- all plastic handles with ergonomically positioned HF-connector



# Modular Instruments

## Article codes

With modular instruments, only the individual components are visibly marked with an article number. The code of the complete instrument results from the combination of the single article numbers.

All instruments of the following pages are equipped with standard handles. Of course any other type of handle can be used alternatively.



### ABC DEF GHI Article codes

#### AB diameter

- 01 10 mm
- 05 5 mm

#### C Working length

- 2 23 cm
- 3 31 cm
- 4 43 cm

#### DEF Jaw inserts

#### G Sheath type

- 1 insulated, rotatable
- 2 steel, rotatable
- 5 insulated, non-rotatable
- 6 steel, non-rotatable

#### HI Handle

##### Plastic (PEEK)

- 01 standard handle, with HF-connector
- 02 standard handle, without HF-connector
- 11 standard handle, with HF-connector, with internal ratchet
- 12 standard handle, without HF-connector, with internal ratchet
- 21 standard handle, with HF-connector, with external ratchet
- 22 standard handle, without HF-connector, with external ratchet
- 05 standard handle, with HF-connector, colour code white (scissors)
- 41 axial handle, small, with ratchet
- 42 axial handle, without ratchet
- 43 axial handle, with ratchet

##### Steel

- 32 standard handle, without HF-connector
- 52 standard handle, with HF-connector



## Scissors and biopsy forceps 5 mm

	Working length	31 cm	23 cm	43 cm
 <p><b>METZENBAUM scissors</b> curved, „Super Cut“, HF-connector</p>	Complete Instrument	053 001 105	052 001 105	054 001 105
	Insert	053 001 000	052 001 000	054 001 000
	Sheath	053 000 100	052 000 100	054 000 100
	Handle	000 000 005	000 000 005	000 000 005
 <p><b>Mini-METZENBAUM scissors</b> curved, „Super Cut“, HF-connector</p>	Complete Instrument	053 002 105	052 002 105	054 002 105
	Insert	053 002 000	052 002 000	054 002 000
	Sheath	053 000 100	052 000 100	054 000 100
	Handle	000 000 005	000 000 005	000 000 005
 <p><b>Hook scissors</b> straight, HF-connector</p>	Complete Instrument	053 004 105	052 004 105	054 004 105
	Insert	053 004 000	052 004 000	054 004 000
	Sheath	053 000 100	052 000 100	054 000 100
	Handle	000 000 005	000 000 005	000 000 005
 <p><b>Scissors</b> tungsten carbide, curved, HF-connector</p>	Complete Instrument	053 003 105	052 003 105	054 003 105
	Insert	053 003 000	052 003 000	054 003 000
	Sheath	053 000 100	052 000 100	054 000 100
	Handle	000 000 005	000 000 005	000 000 005
 <p><b>Peritoneal scissors</b> tungsten carbide, HF-connector</p>	Complete instrument	053 006 105	052 006 105	054 006 105
	Insert	053 006 000	052 006 000	054 006 000
	Sheath	053 000 100	052 000 100	054 000 100
	Handle	000 000 005	000 000 005	000 000 005



# Modular Instruments



Working length                      31 cm                      23 cm                      43 cm

**Mini scissors**  
curved, HF-connector

Complete instrument	053 005 105	052 005 105	054 005 105
Insert	053 005 000	052 005 000	054 005 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 005	000 000 005	000 000 005



**Biopsy forceps**  
without spikes, HF-connector

Complete instrument	053 060 101	052 060 101	054 060 101
Insert	053 060 000	052 060 000	054 060 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 001	000 000 001	000 000 001



**Biopsy forceps**  
with spikes, HF-connector

Complete instrument	053 061 101	052 061 101	054 061 101
Insert	053 061 000	052 061 000	054 061 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 001	000 000 001	000 000 001



## Dissecting forceps and grasping forceps 5 mm

Working length                      31 cm                      23 cm                      43 cm



### Dissecting forceps

short, curved, HF-connector, to be used with 8 mm trocar sleeves

Complete instrument	053 037 101	052 037 101	054 037 101
Insert	053 037 000	052 037 000	054 037 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 001	000 000 001	000 000 001



### Dissecting forceps

short, curved, HF-connector

Complete instrument	053 040 101	052 040 101	054 040 101
Insert	053 040 000	052 040 000	054 040 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 001	000 000 001	000 000 001



### Dissecting forceps

straight, HF-connector

Complete instrument	053 042 101	052 042 101	054 042 101
Insert	053 042 000	052 042 000	054 042 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 001	000 000 001	000 000 001



### Grasping forceps

small front hooks, HF-connector, handle with ratchet

Complete instrument	053 020 121	052 020 121	054 020 121
Insert	053 020 000	052 020 000	054 020 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



### Grasping forceps

two pairs of hooks, HF-connector, handle with ratchet

Complete instrument	053 021 121	052 021 121	054 021 121
Insert	053 121 000	052 021 000	054 021 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



# Modular Instruments



Working length                      31 cm                      23 cm                      43 cm

**Grasping forceps**  
universal, HF-connector, handle with ratchet

Complete instrument	053 022 121	052 022 121	054 022 121
Insert	053 022 000	052 022 000	054 022 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



**Grasping forceps**  
straight, tapered, HF-connector, handle with ratchet

Complete instrument	053 024 121	052 024 121	054 024 121
Insert	053 024 000	052 024 000	054 024 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



**Claw grasping forceps**  
without HF-connector, handle with ratchet

Complete instrument	053 030 122	052 030 122	054 030 122
Insert	053 030 000	052 030 000	054 030 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 022	000 000 022	000 000 022



**Atraumatic grasping forceps**  
curved, HF-connector, handle with ratchet

Complete instrument	053 023 121	052 023 121	054 023 121
Insert	053 023 000	052 023 000	054 023 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



**Atraumatic grasping forceps**  
straight, HF-connector, handle with ratchet

Complete instrument	053 025 121	052 025 121	054 025 121
Insert	053 025 000	052 025 000	054 025 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



**Grasping forceps (BABCOCK)**  
without HF-connector, handle with ratchet

Complete instrument	053 027 122	052 027 122	054 027 122
Insert	053 027 000	052 027 000	054 027 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 022	000 000 022	000 000 022





Working length                      31 cm                      23 cm                      43 cm

**Grasping forceps (DeBAKEY)**  
without HF-connector, handle with ratchet

Complete instrument	053 035 122	052 035 122	054 035 122
Insert	053 035 000	052 035 000	054 035 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 022	000 000 022	000 000 022



**Bowel grasping forceps**  
without HF-connector, handle with ratchet

Complete instrument	053 036 122	052 036 122	054 036 122
Insert	053 036 000	052 036 000	054 036 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 022	000 000 022	000 000 022



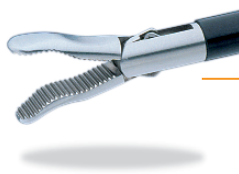
**Oviduct grasping forceps**  
without HF-connector, handle with ratchet

Complete instrument	053 044 122	052 044 122	054 044 122
Insert	053 044 000	052 044 000	054 044 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 022	000 000 022	000 000 022



**Mesometrium grasping forceps**  
HF-connector, handle with ratchet

Complete instrument	053 045 121	052 045 121	054 045 121
Insert	053 045 000	052 045 000	054 045 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



**Adhesion and dissecting forceps**  
HF-connector, handle with ratchet

Complete instrument	053 046 121	052 046 121	054 046 121
Insert	053 046 000	052 046 000	054 046 000
Sheath	053 000 100	052 000 100	054 000 100
Handle	000 000 021	000 000 021	000 000 021



# Modular Instruments

## Scissors, dissecting forceps and grasping forceps 10 mm



Working length 31 cm

**MAYO scissors**  
curved, „Super-Cut“, HF-connector

Complete instrument	013 011 105
Insert	013 011 000
Sheath	013 000 100
Handle	000 000 005



**Dissecting forceps (OVERHOLD/MIXTER)**  
HF-connector

Complete instrument	013 048 101
Insert	013 048 000
Sheath	013 000 100
Handle	000 000 001



**Grasping forceps (DEBAKEY)**  
without HF-connector, handle with ratchet

Complete instrument	013 031 122
Insert	013 031 000
Sheath	013 000 100
Handle	000 000 022



**Grasping forceps (BABCOCK)**  
without HF-connector, handle with ratchet

Complete instrument	013 026 122
Insert	013 026 000
Sheath	013 000 100
Handle	000 000 022



Working length 31 cm

**Atraumatic grasping forceps**  
without HF-connector, handle with ratchet

Complete instrument	053 049 122
Insert	053 049 000
Sheath	053 000 100
Handle	000 000 022



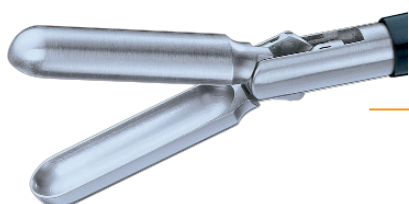
**Grasping forceps**  
universal, without HF-connector, handle with ratchet

Complete instrument	013 025 122
Insert	013 025 000
Sheath	013 000 100
Handle	000 000 022



**Claw grasping forceps**  
without HF-connector, handle with ratchet

Complete instrument	013 032 122
Insert	013 032 000
Sheath	013 000 100
Handle	000 000 022



**Big spoon forceps**  
without HF-connector, handle with ratchet

Complete instrument	013 070 122
Insert	013 070 000
Sheath	013 000 100
Handle	000 000 022





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