

November 2019

Monopolar electrodes for electro-surgery, reusable



**Ø 4mm Ansatz /
connection /
embout**

**Dental-
elektroden
Ø 1,6 mm**



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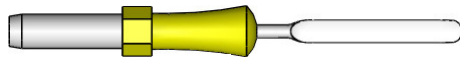
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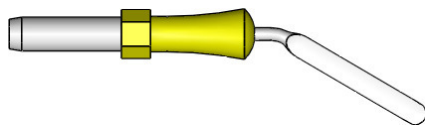
- 03 - 09 Monopolar electrodes, 4 mm connection, insulated*
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Monopolar electrodes for electro-surgery, 4 mm connection

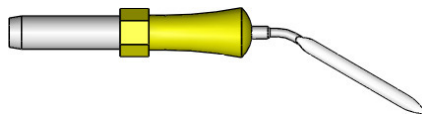
Item number *Monopolar electrode, 4 mm connection, insulated*



90.114.00 *Spatula electrode, straight, insulated*



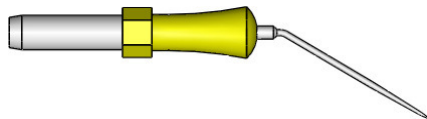
90.114.01 *Spatula electrode, angled, insulated*



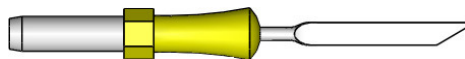
90.114.08 *Knife electrode MAGENAU type, angled, insulated*

Monopolar electrodes for electro-surgery, 4 mm connection

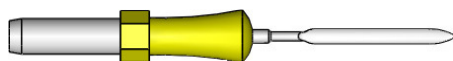
Item number *Monopolar electrode, 4 mm connection, insulated*



90.114.03 *Needle electrode, angled, insulated*



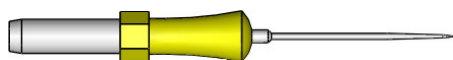
90.114.07 *Knife electrode bellied KIRSCHNER type, straight, insulated*



90.114.09 *Knife electrode, lancet shaped, straight, insulated*



90.114.10 *Knife electrode, sword shaped, straight, insulated*



90.114.12 *Needle electrode, straight, insulated*

Monopolar electrodes for electro-surgery, 4 mm connection

Item number *Monopolar electrode, 4 mm connection, insulated*



90.114.19 *Ball electrode Ø 2mm, straight, insulated*



90.114.20 *Ball electrode Ø 4mm, straight, insulated*



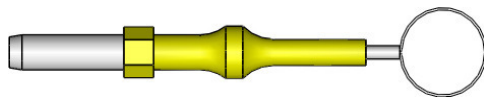
90.114.21 *Ball electrode Ø 6mm, straight, insulated*

Monopolar electrodes for electro-surgery, 4 mm connection

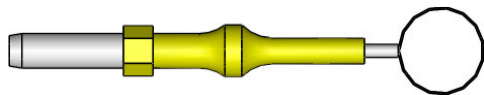
Item number *Monopolar electrode, 4 mm connection, insulated*



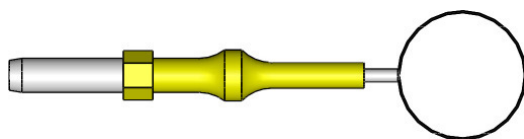
90.114.97 *Wire loop electrode Ø 5mm, straight, insulated*



90.114.91 *Wire loop electrode Ø 10mm, straight, insulated*



90.114.93 *Loop electrode band type Ø 10mm, straight, insulated*



90.114.94 *Loop electrode band type Ø 15mm, straight, insulated*

Monopolar electrodes for electro-surgery, 4 mm connection

Item number *Monopolar electrode, 4 mm connection, insulated*



90.114.66 *Needle electrode MITTERMAIER type for ENT, angled, shaft: 100mm, insulated*



90.114.32 *Ball electrode Ø 2mm for ENT, angled, shaft: 112mm, insulated*



90.110.75 *Hook electrode 90° for arthroscopy, strong tip 4mm, shaft: 125mm, insulated*

Monopolar electrodes for electro-surgery, 4 mm connection

Item number

Monopolar electrode, 4 mm connection, insulated, malleable

The illustrations show the products with a length of shaft of 100mm



- 90.113.33 *Lancet electrode, straight, shaft: 60mm, insulated, malleable*
- 90.113.34 *Lancet electrode, straight, shaft: 100mm, insulated, malleable*
- 90.113.35 *Lancet electrode, straight, shaft: 150mm, insulated, malleable*
- 90.113.36 *Lancet electrode, straight, shaft: 200mm, insulated, malleable*



- 90.113.24 *Needle electrode, straight, shaft: 100mm, insulated, malleable*
- 90.113.56 *Needle electrode, straight, shaft: 150mm, insulated, malleable*
- 90.113.57 *Needle electrode, straight, shaft: 200mm, insulated, malleable*



- 90.113.38 *Ball electrode Ø 2mm, straight, shaft: 100mm, insulated, malleable*



- 90.113.37 *Ball electrode Ø 4mm, straight, shaft: 60mm, insulated, malleable*
- 90.113.26 *Ball electrode Ø 4mm, straight, shaft: 100mm, insulated, malleable*
- 90.113.52 *Ball electrode Ø 4mm, straight, shaft: 150mm, insulated, malleable*



- 90.113.27 *Ball electrode Ø 6mm, straight, shaft: 100mm, insulated, malleable*
- 90.113.54 *Ball electrode Ø 6mm, straight, shaft: 150mm, insulated, malleable*

Monopolar electrodes for electro-surgery, 4 mm connection

Item number *Monopolar electrode, 4 mm connection, insulated, malleable*

The illustrations show the products with a length of shaft of 100mm



Ø 4 mm



90.113.25 *Knife electrode bellied, straight, shaft: 100mm, insulated, malleable*



90.113.44 *Spatula electrode, straight, shaft: 60mm, insulated, malleable*
90.113.49 *Spatula electrode, straight, shaft: 100mm, insulated, malleable*



90.113.29 *Wire loop electrode Ø 10mm, straight, shaft:100mm, insulated, malleable*
90.113.60 *Wire loop electrode Ø 10mm, straight, shaft:150mm, insulated, malleable*

Monopolar electrodes for gynecology, 4 mm connection

Item number *Monopolar electrode, 4 mm connection, insulated*



90.725.01 *Electrode for cervix conisation, small 13mm, shaft:130mm, insulated*



90.725.02 *Electrode for cervix conisation, medium 17,5mm, shaft:130mm, insulated*



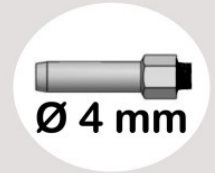
90.725.03 *Electrode for cervix conisation, large 23mm, shaft:130mm, insulated*



90.726.01 *Spare loop for electrodes for cervix conisation suitable for all sizes 90.725.XX*

Monopolar electrodes for gynecology, 4 mm connection

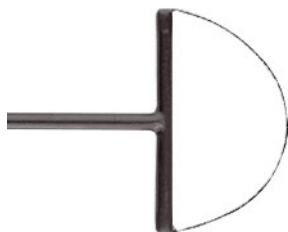
Item number *Monopolar electrode, 4 mm connection, insulated*



90.720.10 *Conisation electrode LLETZ straight bar, Ø 10mm, shaft: 100mm, insulated*



90.720.20 *Conisation electrode LLETZ straight bar, Ø 20mm, shaft: 100mm, insulated*



90.720.30 *Conisation electrode LLETZ straight bar, Ø 30mm, shaft: 100mm, insulated*

Monopolar electrodes for gynecology, 4 mm connection

Item number *Monopolar electrode, 4 mm connection, insulated*



90.722.10 *Conisation electrode LLETZ round bar, Ø 10mm, shaft: 100mm, insulated*

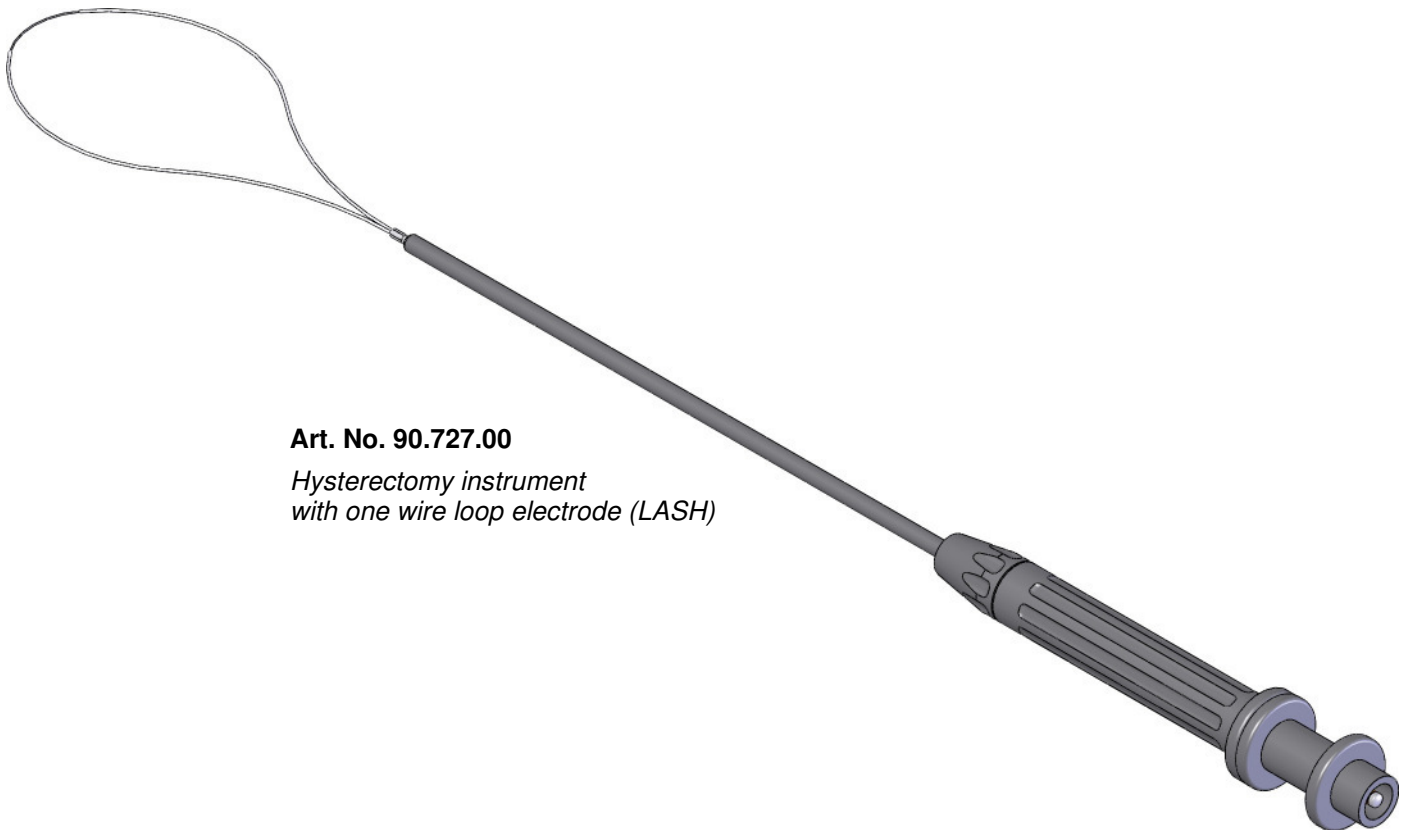


90.722.20 *Conisation electrode LLETZ round bar, Ø 20mm, shaft: 100mm, insulated*



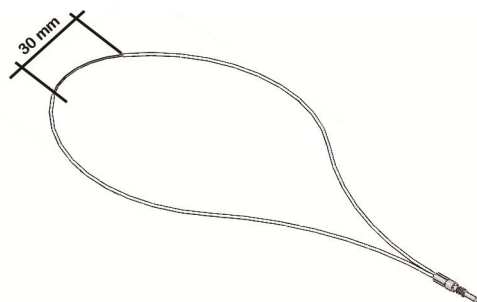
90.722.30 *Conisation electrode LLETZ round bar, Ø 30mm, shaft: 100mm, insulated*

Monopolar cutting loop for supra-cervical hysterectomy (LASH)



Art. No. 90.727.00

*Hysterectomy instrument
with one wire loop electrode (LASH)*



Art. No. 90.727.01

Spare wire loop electrode for single use

System Messroghli

Micro-needle electrode monopolar for endoscopy

Ø 5 mm

Indications:

- Endoscopic adhesiolysis in the abdomen
- Fallopian tube incision during organ-preserving operations i.e. tubal pregnancy
- Uterine incisions when performing a myoma enucleation
- Myoma ablation
- Cholecystectomy
- Fragmentation of tissues
- Appendectomy and hernia surgeries



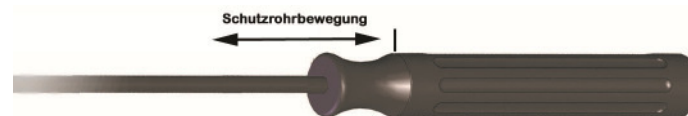
90.717.32

Micro needle electrode monopolar for endoscopic micro-surgery with **32 cm working length**

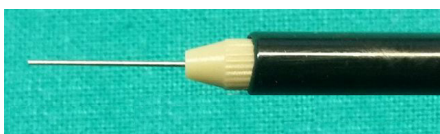
90.717.42

Micro needle electrode monopolar for endoscopic micro-surgery with **42 cm working length**

The micro-needle electrode can be retracted back into the outer sleeve during introduction thru a trocar and into the abdominal cavity.



Micro-needle electrode
(extended = working position)
for ultra fine cuts:



Micro-needle electrode
(retracted):



System Messroghli

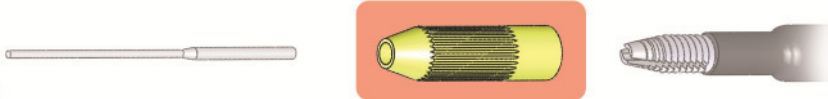
Micro-needle electrode monopolar for endoscopy

Ø 5 mm

Consisting of:



Inner shaft Ø 5mm with screw cap and micro-needletip



90.717.52

Screw cap for fixation of the micro-needletip with the inner shaft of the micro-needle coagulation electrode



90.525.05

Micro-needletip monopolar 0,3mm, shaft Ø 0,8mm, 23 mm long



Outer shaft Ø 5mm with sealing cap



***070717-35**

Sealing cap for outer shaft

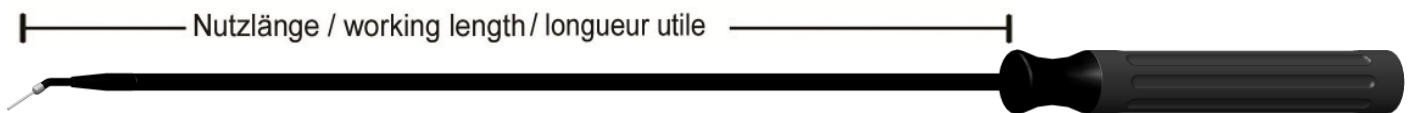
System Messrogli

***Combined micro-needle coagulation electrode
monopolar for endoscopy***

Ø 5 mm

Indications:

- Endoscopic adhesiolysis in the abdomen
- Fallopian tube incision during organ-preserving operations i.e. tubal pregnancy
- Uterine incisions when performing a myoma enucleation
- Myoma ablation
- Cholecystectomy
- Fragmentation of tissues
- Appendectomy and hernia surgeries



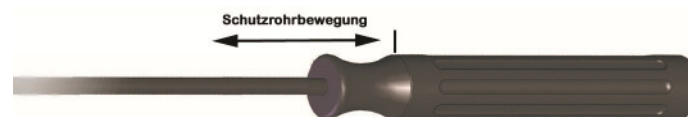
90.718.32

*Combined micro-needle coagulation electrode
monopolar for endoscopic micro-surgery with
32 cm working length*

90.718.42

*Combined micro-needle coagulation electrode
monopolar for endoscopic micro-surgery with
42 cm working length*

The combined micro-needle electrode can be guided and retracted back into the outer sleeve during introduction thru a trocar and into the abdominal cavity.



***Combined micro-needle electrode
(extended) for ultra fine cuts:***



***Combined micro-needle electrode
(retracted) ready for coagulation like
a ball shaped electrode:***



System Messroghli

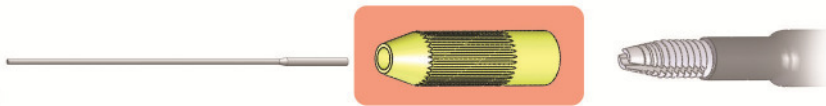
***Combined micro-needle coagulation electrode
monopolar for endoscopy***

Ø 5 mm

Consisting of:



Inner shaft Ø 5mm with screw cap and micro-needletip



90.717.52

Screw cap for fixation of the micro-needletip with the inner shaft of the micro-needle coagulation electrode



90.525.04

Micro-needletip monopolar 0,25mm, shaft Ø 0,8mm, 50 mm long



Outer shaft Ø 5mm with sealing cap, insulation piece and needle guidance tube



***070717-34**

Needle guidance tube complete for comb. micro-needle, Art.No. EZ718-32, EZ718-42 and 90.718.32, 90.718.42



***070717-33**

Insulation piece for comb. micro-needle, Art.No. EZ718-32, EZ718-42 and 90.718.32, 90.718.42



***070717-35**

Sealing cap for outer shaft

Dental electrodes for electro-surgery, 1,6 mm connection



Fig.1

90.010.01



Fig.2

90.010.02

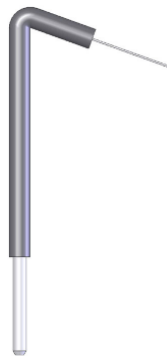
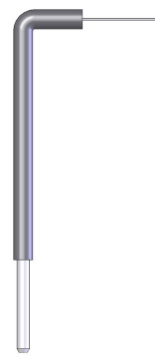


Fig.3

90.010.03



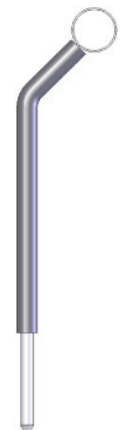
NEW: Fig.62
(Fig 4)

90.011.62



NEW: Fig.51
(Fig 5)

90.011.51



NEW: Fig.56
(Fig 6)

90.011.56



Fig.11

90.010.11



Fig.12

90.010.12



Fig.13

90.010.13



Fig.14

90.010.14



Fig.15

90.010.15



Fig.16

90.010.16

Dental electrodes for electro-surgery, 1,6 mm connection



Fig.17

90.010.17



Fig.18

90.010.18



NEW: Fig.55
(Fig 24)

90.011.55



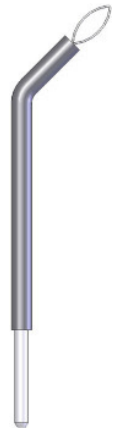
NEW: Fig.21
(Fig 27)

90.010.21



NEW: Fig.54
(Fig 28)

90.011.54



NEW: Fig.52
(Fig 29)

90.011.52



NEW: Fig.53
(Fig 30)

90.011.53

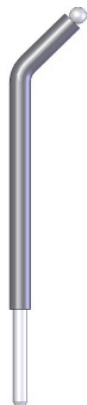


Fig.33

90.010.33



Fig.34

90.010.34



Fig.35

90.010.35

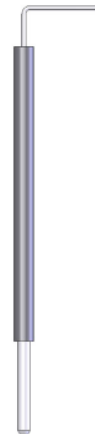


Fig.36

90.010.36



NEW: Fig.61
(Fig 37)


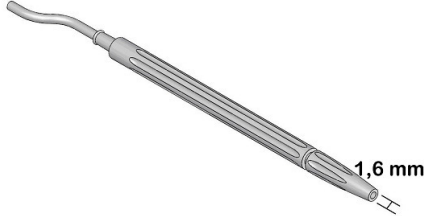

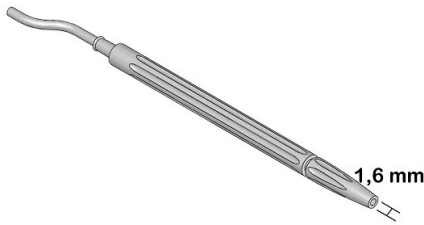

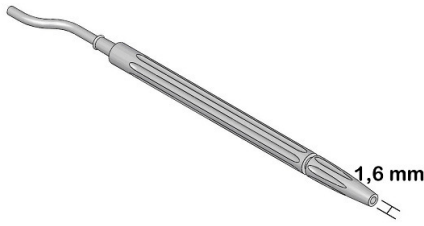
90.011.61



Fig.31

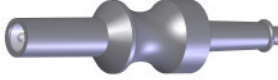



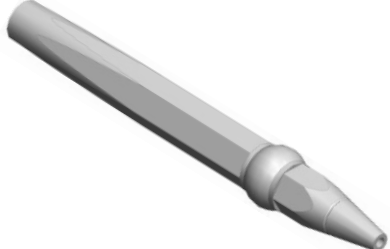
90.010.31

Electrosurgical pencils for dental units

Connector to RF-unit	Art.-No. / description	Connector Ø 1,6mm
 <p>for Elektrotom 70D & 70DSE System Berchtold</p>	<p>90.213.07</p> <p>Electrosurgical pencil Ø1,6 mm, with chuck, 2 m cable, for Elektrotom 70 D & 70 DSE</p>	 <p>1,6 mm</p> <p>for dental electrodes Ø 1,6 mm connection</p>
 <p>for Martin MD62</p>	<p>90.213.09</p> <p>Electrosurgical pencil Ø1,6 mm, with chuck, 3 m cable, for MD 62</p>	 <p>1,6 mm</p> <p>for dental electrodes Ø 1,6 mm connection</p>
 <p>for ancient Berchtold 70D</p>	<p>90.213.10</p> <p>Electrosurgical pencil Ø1,6 mm, with chuck, 2 m cable, for ancient Elektrotom 70D</p>	 <p>1,6 mm</p> <p>for dental electrodes Ø 1,6 mm connection</p>

Electrosurgical pencils for dental units




Electrosurgical pencils and cables apart

	<p>90.282.20 = 2 m <i>Cable 2,0 m for ESU: Berchtold/Martin 70D / 70 DSE, for electrode handle: EZ213-02, 90.213.02</i></p>	
	<p>90.282.22 = 2 m <i>Cable 2,0 m for ESU: Berchtold ET 505/Martin MD 62 for electrode handle: EZ213-02, 90.213.02</i></p>	
	<p>90.213.02 <i>Electrosurgical pencil w/ finger switch for use with dental electrodes Ø 1,6 mm connection for Elektrotom 70D / 70DSE, without cable</i></p>	 <p><i>for dental electrodes Ø 1,6 mm connection</i></p>

Adapters / reducers

 <p>Ø 4mm Ø 0,8mm</p>	<p>90.532.10 Adapter/reducer Ø 4mm, to adapt needle electrodes with Ø 0,8mm shaft to an ESU pencil with Ø 4mm</p>
 <p>Ø 4mm Ø 1,6 mm</p>	<p>90.534.10 Adapter/reducer Ø 4mm, to adapt dental electrodes with Ø 1,6mm shaft to an ESU pencil with Ø 4mm</p>
 <p>Ø 4mm Ø 0,8 mm</p>	<p>90.532.00 Adapter/reducer Ø 4mm, to adapt needle electrodes with Ø 0,8mm shaft to an ESU pencil with Ø 4mm (for pencils with screw cap)</p>
 <p>Ø 4mm Ø 1,6mm</p>	<p>90.460.04 Adapter/reducer Ø 4mm, to adapt dental electrodes with Ø 1,6mm shaft to an ESU pencil with Ø 4mm (for pencils with screw cap)</p>
 <p>Ø 1,6mm Ø 0,8mm</p>	<p>90.533.00 Adapter/reducer Ø 1,6mm, to adapt needle electrodes with Ø 0,8mm shaft to an ESU pencil with Ø 1,6mm</p>

Needles / needle electrodes

	<p>90.525.04 Needle electrode MILLER extra delicate (pack of 12 pieces), shaft Ø 0,8mm, length 50 mm, needle Ø 0,25mm</p>
	<p>90.525.05 MESSROGHLI micro-needle electrode (pack of 12 pieces), shaft 0,8mm, length: 23mm, needle: 0,3mm</p>
	<p>90.530.01 Epilation needle, insulated, tip 0,11mm x 3,3mm, shaft: Ø 0,8mm, total length 19mm</p>

Numerical Index

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