DORO®
NON-STICK Bipolar Forceps

DORO® – Simply Better Built ... Simply More Choices.
“Every product we build represents the commitment of our team to put the needs and benefit of the people we serve first.”

Matthias Schüle
PMI Managing Director
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# DORO® NON-STICK Bipolar Forceps

## ADF

Adjustable Dissecting Force

### Standard Portfolio

<table>
<thead>
<tr>
<th>Length</th>
<th>Working length</th>
<th>Tip size</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.0cm (7.5&quot;)</td>
<td>8.5cm (3.3&quot;)</td>
<td>0.7mm</td>
</tr>
<tr>
<td>22.0cm (8.7&quot;)</td>
<td>11.5cm (4.5&quot;)</td>
<td>1.0mm</td>
</tr>
<tr>
<td>25.0cm (9.8&quot;)</td>
<td>14.5cm (5.7&quot;)</td>
<td>1.2mm</td>
</tr>
</tbody>
</table>

### DORO® ADF NON-STICK Bipolar Forceps - Bayonet, 5mm tip length, straight tine angulation

<table>
<thead>
<tr>
<th>Tip size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7mm</td>
<td>5043.013</td>
</tr>
<tr>
<td>1.0mm</td>
<td>5043.014</td>
</tr>
<tr>
<td>1.2mm</td>
<td>5045.015</td>
</tr>
</tbody>
</table>

### DORO® ADF NON-STICK Bipolar Forceps - Bayonet Keyhole, 5mm tip length, straight tine angulation

<table>
<thead>
<tr>
<th>Tip size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7mm</td>
<td>5058.013</td>
</tr>
<tr>
<td>1.0mm</td>
<td>5058.015</td>
</tr>
</tbody>
</table>

### DORO® ADF NON-STICK Bipolar Forceps - Bayonet Irrigation, 5mm tip length, straight tine angulation

<table>
<thead>
<tr>
<th>Tip size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7mm</td>
<td>5045.023</td>
</tr>
<tr>
<td>1.0mm</td>
<td>5045.025</td>
</tr>
</tbody>
</table>

Customization is possible for DORO® ADF NON-STICK Bipolar Forceps. Please see the respective style page for customization details.
Revolutionary Adjustable Dissecting Force (ADF) provides quick adjustment of the tensile strength and the spreading dissecting force as needed for grasping, manipulating, dissecting and coagulating. Just turn the wheel to dial-in your personal preferences.

The use of DORO® ADF NON-STICK Bipolar Forceps may reduce the number of forceps required during surgery.
DORO® NON-STICK Bipolar Forceps

Straight

Standard Portfolio

<table>
<thead>
<tr>
<th>DORO® NON-STICK Bipolar Forceps - Straight, 5mm tip length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
</tr>
<tr>
<td>Working length</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tip size</th>
<th>0.4mm</th>
<th>0.7mm</th>
<th>1.2mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5061.012</td>
<td>5061.013</td>
<td>5062.015</td>
</tr>
<tr>
<td></td>
<td>5062.012</td>
<td>5062.013</td>
<td></td>
</tr>
</tbody>
</table>
Customization Options

Customized DORO® NON-STICK Bipolar Forceps are produced to match your distinct needs. As production starts with your order, those customized forceps are not available from stock. Customization may not be available for all countries due to regulatory reasons.

Please contact your DORO® Representative who will be happy to assist you with all your questions regarding customization of DORO® NON-STICK Bipolar Forceps.

For DORO® NON-STICK Bipolar Forceps Straight the following customization options are available:

**Forceps length**
- 10.0cm, 12.5cm (3.9"), (4.9")

**Tip width**
- 0.3mm, 0.4mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm

**Tip length**
- 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm

**Tip angulation**
- Upwards
  - 15°, 30°, 45°, 90°
### DORO® NON-STICK Bipolar Forceps - Bayonet, 5mm tip length, straight tine angulation

<table>
<thead>
<tr>
<th>Length</th>
<th>15.5cm (6.1”)</th>
<th>17.0cm (6.7”)</th>
<th>19.0cm (7.5”)</th>
<th>19.0cm (7.5”)</th>
<th>20.0cm (7.9”)</th>
<th>22.0cm (8.7”)</th>
<th>22.0cm (8.7”)</th>
<th>24.0cm (9.5”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working length</td>
<td>5.0cm (2.0”)</td>
<td>6.5cm (2.6”)</td>
<td>8.5cm (3.3”)</td>
<td>8.5cm (3.3”)</td>
<td>9.5cm (3.7”)</td>
<td>11.5cm (4.5”)</td>
<td>11.5cm (4.5”)</td>
<td>13.5cm (5.3”)</td>
</tr>
</tbody>
</table>

### Tip size

- **0.4mm**
  - 5021.012
  - 5022.012
  - 5023.012
  - 5024.012
  - 5027.012

- **0.7mm**
  - 5021.013
  - 5022.013
  - 5023.013
  - 5043.013
  - 5024.013
  - 5025.013
  - 5045.013
  - 5027.013

- **1.0mm**
  - 5021.014
  - 5022.014
  - 5023.014
  - 5043.014
  - 5024.014
  - 5025.014

- **1.2mm**
  - 5021.015
  - 5022.015
  - 5023.015
  - 5024.015
  - 5025.015
  - 5045.015
  - 5027.015

- **1.5mm**
  - 5023.016
  - 5024.016
  - 5025.016
  - 5027.016

- **2.0mm**
  - 5023.017

- **1.2mm (45°)**
  - 5023.055

- **1.2mm (45°)**
  - 5023.065
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For DORO® NON-STICK Bipolar Forceps Bayonet the following customization options are available:

**Forceps length**
- Bayonet
  - 15.5cm, 17.0cm, 19.0cm, 20.0cm, 22.0cm, 23.0cm, 24.0cm (6.1”), (6.7”), (7.5”), (7.9”), (8.7”), (9.1”), (9.5”)
- Bayonet ADF
  - 15.5cm, 17.0cm, 19.0cm, 20.0cm, 22.0cm (6.1”), (6.7”), (7.5”), (7.9”), (8.7”)

**Tip width**
- 0.3mm, 0.4mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm

**Tip length**
- 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm

**Tip angulation**
- Upwards
  - 15°, 30°, 45°, 90°
- Downwards
  - 15°, 30°, 45°, 90°

**Tine angulation**
- Straight and downwards angled style available
## DORO® NON-STICK Bipolar Forceps

### Bayonet Irrigation

### Standard Portfolio

| DORO® NON-STICK Bipolar Forceps - Bayonet Irrigation, 5mm tip length, straight tine angulation |
|---|---|---|
| Length | 22.0cm (8.7”) | 22.0cm (8.7”) |
| Working length | 11.5cm (4.5”) | 11.5cm (4.5”) |

<table>
<thead>
<tr>
<th>Tip size</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4mm</td>
<td>5025.022</td>
<td></td>
</tr>
<tr>
<td>0.7mm</td>
<td>5025.023</td>
<td>5045.023</td>
</tr>
<tr>
<td>1.0mm</td>
<td>5025.024</td>
<td></td>
</tr>
<tr>
<td>1.2mm</td>
<td>5025.025</td>
<td>5045.025</td>
</tr>
</tbody>
</table>
Customization Options

Customized DORO® NON-STICK Bipolar Forceps are produced to match your distinct needs. As production starts with your order, those customized forceps are not available from stock. Customization may not be available for all countries due to regulatory reasons.

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For DORO® NON-STICK Bipolar Forceps Bayonet Irrigation the following customization options are available:

**Forceps length**
Bayonet Irrigation
15.5cm, 17.0cm, 19.0cm, 20.0cm, 22.0cm (6.1"), (6.7"), (7.5"), (7.9"), (8.7")
Bayonet Irrigation ADF
15.5cm, 17.0cm, 19.0cm, 20.0cm, 22.0cm (6.1"), (6.7"), (7.5"), (7.9"), (8.7")

**Tip width**
0.3mm, 0.4mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm

**Tip length**
3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm

**Tip angulation**
Upwards
15°, 30°, 45°, 90°
Downwards
15°, 30°, 45°, 90°

**Tine angulation**
Straight and downwards angled style available
# DORO® NON-STICK Bipolar Forceps

## Bayonet Keyhole

### Standard Portfolio

| DORO® NON-STICK Bipolar Forceps - Bayonet Keyhole, 5mm tip length, straight tine angulation |
|---|---|---|---|---|---|
| **Length** | 17.0cm (6.7") | 20.0cm (7.9") | 23.0cm (9.1") | 25.0cm (9.8") | 25.0cm (9.8") | 28.0cm (11.0") |
| **Working length** | 6.5cm (2.6") | 9.5cm (3.7") | 12.5cm (4.9") | 14.5cm (5.7") | 14.5cm (5.7") | 17.5cm (6.9") |

### Tip size

- **0.4mm**
  - 5036.012
  - 5038.012

- **0.7mm**
  - 5032.013
  - 5034.013
  - 5036.013
  - 5038.013
  - 5058.013

- **1.0mm**
  - 5032.014
  - 5036.014

- **1.2mm**
  - 5034.015
  - 5036.015
  - 5038.015
  - 5058.015
  - 5039.015

- **1.5mm**
  - 5039.016

- **0.7mm (15°)**
  - 5036.033

- **0.7mm (45°)**
  - 5036.053
**Customization Options**

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For DORO® NON-STICK Bipolar Forceps Bayonet Keyhole the following customization options are available:

### Forceps length
- **Bayonet Keyhole**
  - 17.0cm, 19.0cm, 20.0cm, 22.0cm, 23.0cm, 24.0cm, 25.0cm, 28.0cm (6.7”, 7.5”, 7.9”, 8.7”, 9.1”, 9.5”, 9.8”, 11.0”)
- **Bayonet Keyhole ADF**
  - 17.0cm, 19.0cm, 20.0cm, 22.0cm, 23.0cm, 24.0cm, 25.0cm (6.7”, 7.5”, 7.9”, 8.7”, 9.1”, 9.5”, 9.8”)

### Tip width
- 0.3mm, 0.4mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm

### Tip length
- 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm

### Tip angulation
- **Upwards**
  - 15°, 30°, 45°, 90°
- **Downwards**
  - 15°, 30°, 45°, 90°

### Tine angulation
- Straight and downwards angled style available
DORO® NON-STICK Bipolar Forceps

Accessories

Bipolar Cables

<table>
<thead>
<tr>
<th>DORO® Reusable Bipolar Cables</th>
<th>Length</th>
<th>3.0m</th>
<th>5.0m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug, generator side</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erbe Connector Twin-Pin Cable</td>
<td></td>
<td>5015-05</td>
<td>5015-06</td>
</tr>
<tr>
<td>Martin, Berchtold, Aesculap GK55 &amp; GK60 Twin-Pin Cable</td>
<td></td>
<td>5015-07</td>
<td>5015-08</td>
</tr>
<tr>
<td>Flat Connector (Fixed Pin) ValleyLab, Lamidey, EMC Twin-Pin Cable</td>
<td></td>
<td>5015-09</td>
<td>5015-11</td>
</tr>
<tr>
<td>Flat Connector (Fixed Pin) ValleyLab, Lamidey, EMC Twin-Pin Cable, angled</td>
<td></td>
<td>5015-10</td>
<td>5015-12</td>
</tr>
</tbody>
</table>

Sterilization Tray

DORO® Sterilization Tray
for 6 DORO® NON-STICK Bipolar Forceps
Item no. 5011.102
**DORO® NON-STICK Bipolar Forceps**

**Features**

**No sticking**

**NON-STICK**
Tips are solid noble silver. Not a coating. Provides high thermal diffusivity and prevents tips from overheating, eliminating sticking and charring of tissue. Uses lower power setting. No need to scrape the tips clean. Non-stick properties are retained for the lifetime of the forceps.

**Pinpoint Coagulation**

**Dual Tip Action**
Design allows pinpoint coagulation for fine microsurgery or coagulation of a larger area when the forceps tips are planed together.

**Planed Coagulation**

**Guide Keeps Tips Precisely Aligned**
Guides on the forceps keep tips aligned and prevent crossing and scissoring. This is especially important on longer forceps.

**Guide**

**Optimal Tissue Manipulation**
Streamlined design: Irrigation lines are inlaid into most of the handle and connector for low profile design for maximum field of view. Irrigation aids in clearing remaining blood from the surgical site and in the evacuation of hematomas. Irrigation also dissipates heat during long procedures.