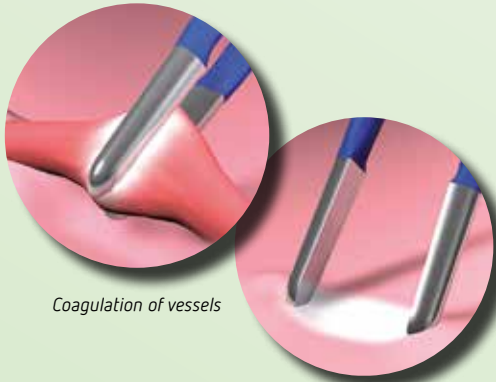




**Bipolar PREMIUM
forceps**
with non-stick technology

The forceps with the cooling effect

Minimizes tissue adhesion at the tips



Coagulation of vessels

Coagulation of tissue

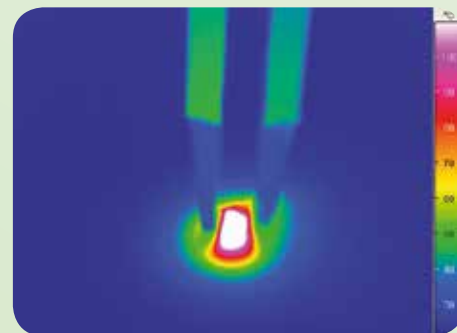
With their non-stick technology, the reusable PREMIUM forceps enable smooth and easy surgical application. A special alloy of the forceps tips reduces tissue adhesion and provides reliable coagulation of tissue and vessels.^{1,2,3} It also reduces the intraoperative cleaning effort while reusability allows cost-efficient working.³

In addition, our VIO® generators support these positive characteristics with the special softCOAG bipolar forceps mode, the AUTO STOP function and automatic power dosing.^{4,5}

The PREMIUM forceps are available in a variety of lengths and shapes and round off our portfolio of forceps made up of the classic and irrigation forceps (see accessories catalog).

ADVANTAGES OF NON-STICK TECHNOLOGY

- ✓ Minimal adhesion of tissue due to high thermal conductivity²
- ✓ Minimal intraoperative cleaning effort³
- ✓ Reliable coagulation of tissue and vessels^{1,2,3}
- ✓ Reusability results in cost-efficiency



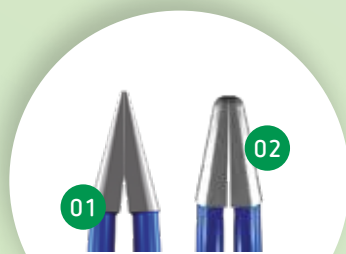
The thermographic image illustrates the low temperature level of the forceps tips during coagulation.²

Tip design

The forceps tips close parallel and have a microstructured surface. This allows the tissue to be grasped precisely. Different tip designs are available for different interventions.

Precise grasping of the tissue with parallel tip design

- 01 Tip design < 1 mm
- 02 Tip design > 1 mm



Technology

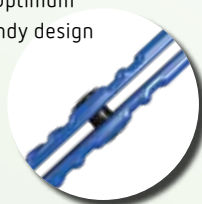
A special alloy with high thermal conductivity prevents the forceps tips from overheating and ensures an even temperature distribution in target tissue. This greatly reduces unwanted sticking effects.^{2,3}

Bayonet forceps for microsurgery



The designs

Our PREMIUM forceps are available in common shapes and sizes with different tip designs – they can be used in numerous surgical disciplines. Optimum handling is supported by ergonomic geometry, perfect balance, handy design and the integrated guide bar.



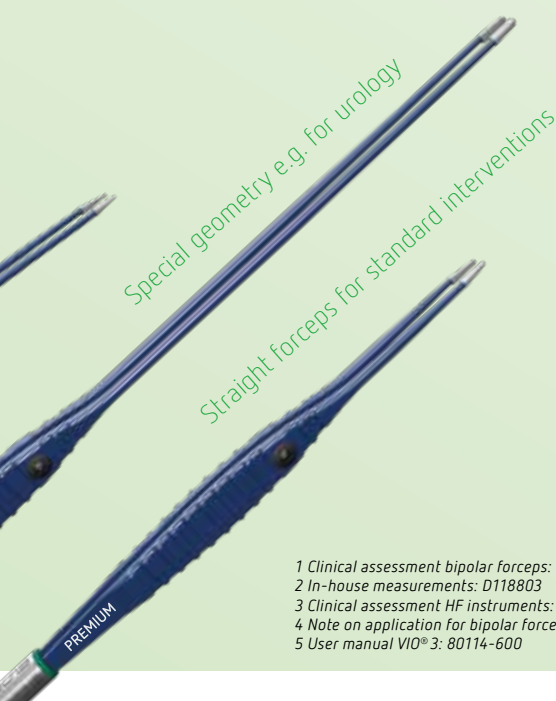
Integrated guide bar

BENEFITS OF THE PRODUCT PORTFOLIO

- ✔ Effective grasping of tissue³
- ✔ Excellent tactile properties support optimized handling
- ✔ Extensive portfolio for different applications⁴

Straight	
20195-501	Tip 0.2 mm, length 120 mm
20195-502	Tip 0.4 mm, length 120 mm
20195-503	Tip 0.7 mm, length 120 mm
20195-504	Tip 0.7 mm, angled, length 120 mm
20195-505	Tip 0.2 mm, length 185 mm
20195-506	Tip 0.4 mm, length 185 mm
20195-507	Tip 0.7 mm, length 185 mm
20195-508	Tip 1.0 mm, length 185 mm
20195-509	Tip 1.0 mm, angled, length 185 mm
20195-510	Tip 1.0 mm, angled, length 185 mm
20195-511	Tip 0.4 mm, length 200 mm
20195-512	Tip 1.0 mm, length 200 mm
20195-513	Tip 1.0 mm, angled, length 200 mm
20195-514	Tip 2.0 mm, angled, length 200 mm
20195-515	Tip 2.0 mm, length 230 mm
20195-516	Tip 1.0 mm, angled, length 260 mm
20195-517	Tip 2.0 mm, angled, length 260 mm NEW
20195-518	Tip 2.0 mm, length 280 mm

Bayonet	
20195-531	Tip 0.2 mm, length 155 mm
20195-532	Tip 0.4 mm, length 155 mm
20195-533	Tip 0.7 mm, length 155 mm
20195-534	Tip 0.2 mm, length 170 mm
20195-557	Tip 0.7 mm, length 170 mm
20195-535	Tip 1.0 mm, length 170 mm
20195-559	Tip 2.0 mm, length 170 mm NEW
20195-560	Tip 0.2 mm, length 200 mm NEW
20195-536	Tip 0.4 mm, length 200 mm
20195-537	Tip 0.7 mm, length 200 mm
20195-538	Tip 1.0 mm, length 200 mm
20195-539	Tip 1.2 mm, length 200 mm
20195-540	Tip 2.0 mm, length 200 mm
20195-541	Tip 1.2 mm, angled downwards, length 200 mm
20195-542	Tip 1.2 mm, angled upwards, length 200 mm
20195-543	Tip 0.2 mm, length 230 mm
20195-544	Tip 0.4 mm, length 230 mm
20195-545	Tip 0.7 mm, length 230 mm
20195-546	Tip 1.0 mm, length 230 mm
20195-547	Tip 1.2 mm, length 230 mm
20195-561	Tip 2.0 mm, length 230 mm NEW
20195-548	Tip 0.7 mm, angled upwards, length 230 mm
20195-549	Tip 1.2 mm, angled upwards, length 230 mm
20195-550	Tip 0.7 mm, angled downwards, length 230 mm
20195-551	Tip 0.2 mm, length 250 mm
20195-552	Tip 0.4 mm, length 250 mm
20195-553	Tip 0.7 mm, length 250 mm
20195-554	Tip 1.0 mm, length 250 mm
20195-555	Tip 1.2 mm, length 250 mm
20195-556	Tip 0.7 mm, angled upwards, length 250 mm
20195-558	Tip 2.0 mm, length 250 mm



1 Clinical assessment bipolar forceps: D094965
 2 In-house measurements: D118803
 3 Clinical assessment HF instruments: D038100
 4 Note on application for bipolar forceps: 30195-120
 5 User manual VIO® 3: 80114-600

Important information

We have prepared this document with care. Nonetheless, we cannot completely rule out errors in this document.

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