

LANDANGER

1947



**ÉLECTROCHIRURGIE**

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***ELECTRO-CIRUGÍA***

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FRANCE

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L A N D A N G E R

Depuis 1947 / Since 1947 / Desde 1947





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### Pinces bipolaires, standards - Bipolar forceps, Standard - Pinzas bipolares, estándares

Fines  
Fine  
Finas



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Droites  
Straight  
Rectas

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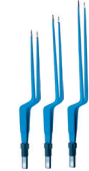


Coudées  
Angled  
Acodadas

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Baïonnette droite  
Bayonet straight  
Bayoneta recta



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Baïonnette coudée  
Bayonet angled  
Bayoneta acodada

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Diverses  
Miscellaneous  
Diversas

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Avec irrigation  
With irrigation  
Con irrigación



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Titane  
Titanium  
Titanio

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### Pinces bipolaires anti-adhésives - No sticking bipolar forceps - Pinzas bipolares no adhesivas

Fines  
Fine  
Finas



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Droites et coudées  
Straight and angled  
Rectas y acodadas

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Baïonnette, droites  
Bayonet, straight tip  
Bayoneta, rectas

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Baïonnette, coudées  
Bayonet, angled  
Bayoneta, acodadas



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Fines, droites  
Fines, straight  
Finas, rectas

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Fines, coudées  
Fines, angled  
Finas, acodadas

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Fines, baïonnette, droites  
Fines, bayonet, straight tip  
Finas, bayoneta, rectas



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### Ciseaux bipolaires - Bipolar scissors - Tijeras bipolares

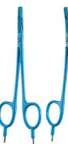
Ciseaux bipolaires  
Bipolar scissors  
Tijeras bipolares



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Ciseaux-pinces bipolaires  
Bipolar forceps-scissors  
Pinzas-tijeras bipolares

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### Instruments bipolaires - Bipolar instruments - Instrumentos bipolares

Double courbure  
Double curved  
Doble curva



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### Électrodes bipolaires - Bipolar electrodes - Electrodoos bipolares

MIS à crochet en L  
 MIS L hook  
 MIS gancho L



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### Pinces monopolaires - Monopolar forceps - Pinzas monopolares

Avec connecteur  
 With plug  
 Con enchufe



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Sans connecteur  
 Without plug  
 Sin enchufe



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### Poignées réutilisables - Reusable handles - Mangos reutilizables

Pour électrodes monopolaires  
 For monopolar electrodes  
 Para electrodoos monopolares



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### Électrodes monopolaires - Monopolar electrodes - Electrodoos monopolares

ø 4 mm  
 ø 4 mm  
 ø 4 mm



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ø 2,4 mm  
 ø 2,4 mm  
 ø 2,4 mm



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### Rallonges monopolaires - Monopolar extensions - Extensiones monopolar

ø 4 mm  
 ø 4 mm  
 ø 4 mm



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ø 2,4 mm  
 ø 2,4 mm  
 ø 2,4 mm



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### Câbles - Cables - Cables

Câbles bipolaires  
 Bipolar cables  
 Cables bipolares



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Câbles monopolaires  
 Monopolar cables  
 Cables monopolares



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### Adaptateurs - Adapters - Adaptadores

Câbles bipolaires  
 Bipolar cables  
 Cables bipolares



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Câbles monopolaires  
 Monopolar cables  
 Cables monopolares



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### Électrodes - Electrodes - Electrodoos

Neutres réutilisables  
 Reusable neutral  
 Neutros reutilizables



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### Câbles pour électrodes - Cables for electrodes - Cables para electrodoos

Neutres à usage unique  
 Disposable neutral  
 Neutros desechables



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300 Vp max

## McPHERSON

Bijoutier  
Jeweler  
Relojero

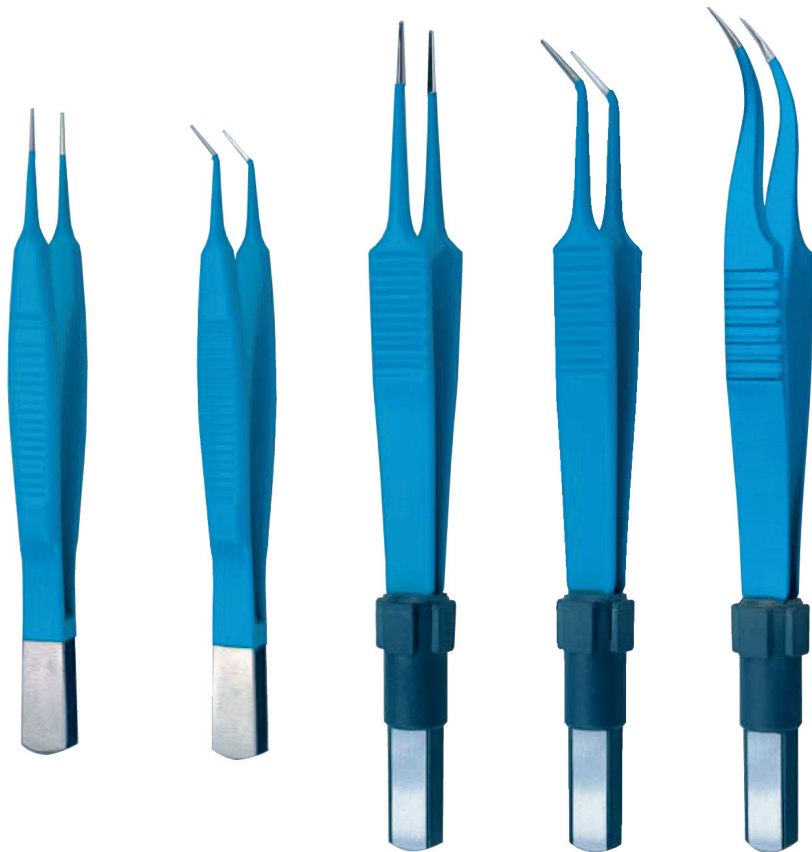
Droite  
Straight  
Recta

Coudée  
Angled  
Acodada

Droite  
Straight  
Recta

Coudée  
Angled  
Acodada

Courbe  
Curved  
Curvo



Largeur des pointes  
Width of tips  
Anchura de las puntas

Connecteur  
Plug  
Enchufe

105 mm

105 mm

110 mm

110 mm

110 mm

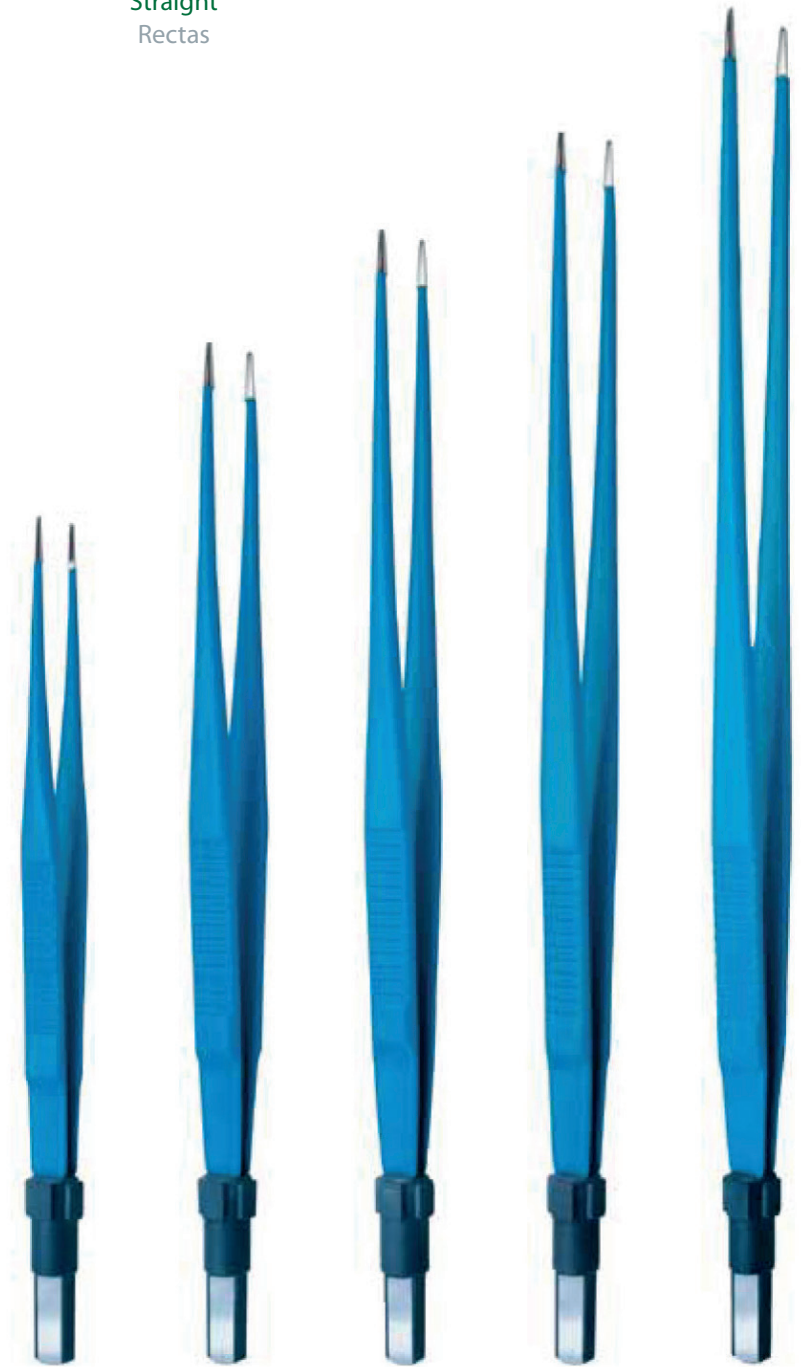
0,25 mm		
0,45 mm		
1,00 mm		

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-	-	HF1511103	HF1511113	-



500 Vp max

Droites  
Straight  
Rectas



Largeur des pointes  
Width of tips  
Anchura de las puntas

Connecteur  
Plug  
Enchufe

150 mm

180 mm

200 mm

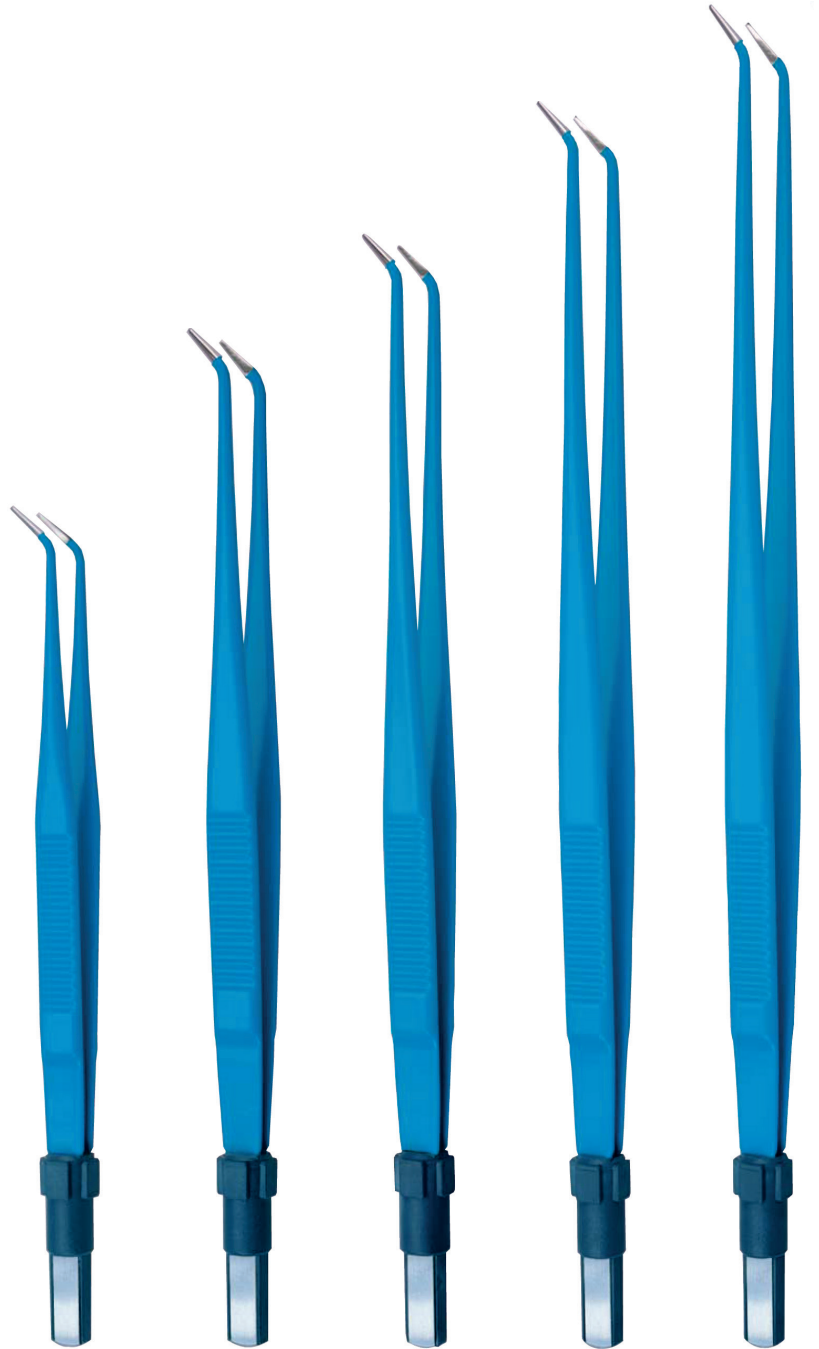
220 mm

240 mm

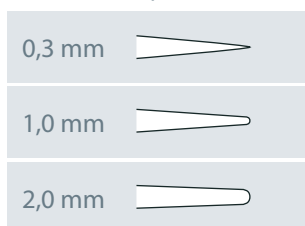
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0,6 mm			HF1515204	HF1518204	<b>HF1520204</b>	-	-
			HF1515201	HF1518201	HF1520201	<b>HF1522201</b>	<b>HF1524201</b>
1,0 mm			HF1615201	HF1618201	HF1620201	HF1622201	HF1624201
			HF1515202	HF1518202	HF1520202	HF1522202	HF1524202
2,0 mm			HF1615202	HF1618202	HF1620202	HF1622202	HF1624202

500 Vp max

Coudées  
Angled  
Acodadas



Largeur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



150 mm

180 mm

200 mm

220 mm

240 mm

HF1515210	HF1518210	HF1520210	HF1522210	HF1524210
HF1615210	HF1618210	HF1620210	HF1622210	HF1624210
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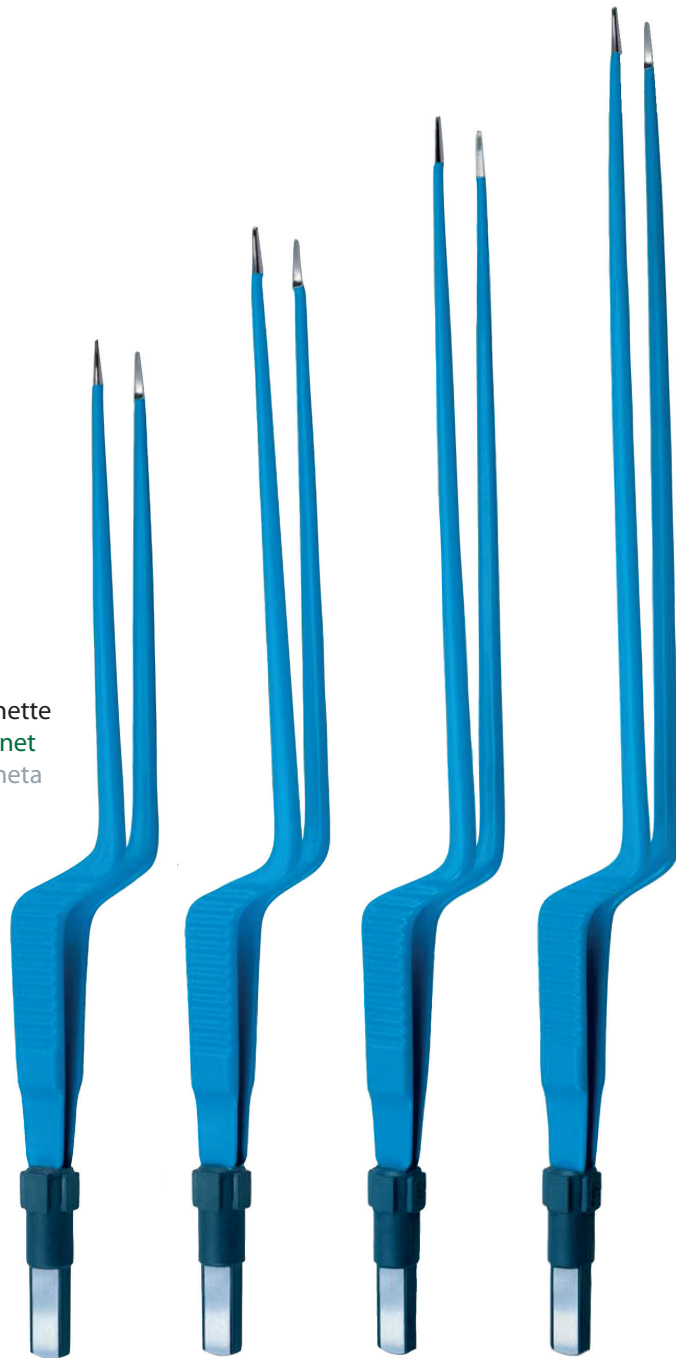




500 Vp max

Droites  
Straight  
Rectas

Baïonnette  
Bayonet  
Bayoneta



Largeur des pointes  
Width of tips  
Anchura de las puntas

0,3 mm



1,0 mm



2,0 mm



Connecteur  
Plug  
Enchufe



180 mm

200 mm

220 mm

240 mm

HF1518300

HF1520300

HF1522300

HF1524300

HF1618300

HF1620300

HF1622300

HF1624300

HF1518301

HF1520301

HF1522301

HF1524301

HF1618301

HF1620301

HF1622301

HF1624301

HF1518302

HF1520302

HF1522302

HF1524302

HF1618302

HF1620302



HF1622302

HF1624302

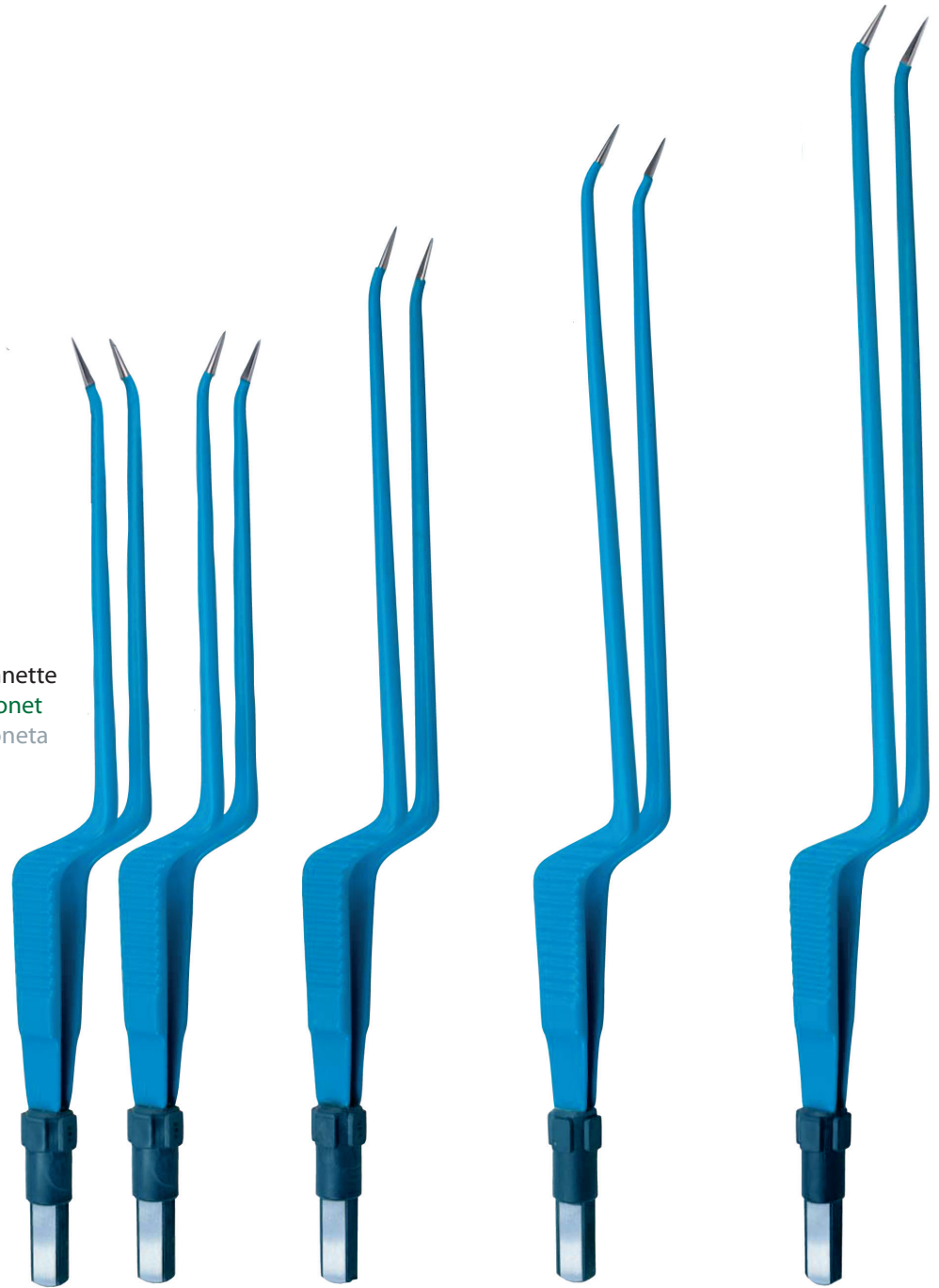




500 Vp max

- 
 Coudée en bas  
 Angled down tip  
 Acodada hacia abajo
- 
 Coudée en haut  
 Angled up tip  
 Acodada hacia arriba

Baïonnette  
 Bayonet  
 Bayoneta



Largueur des pointes  
 Width of tips  
 Anchura de las puntas

Connecteur  
 Plug  
 Enchufe

180 mm

200 mm

220 mm

240 mm

0,3 mm			HF1518340	HF1518330	HF1520340	HF1520330	HF1522340	HF1522330	HF1524340	HF1524330
1,0 mm			HF1518341	HF1518331	HF1520341	HF1520331	HF1522341	HF1522331	HF1524341	HF1524331
2,0 mm			HF1518342	HF1518332	HF1520342	HF1520332	HF1522342	HF1522332	HF1524342	HF1524332
			HF1618340	HF1618330	HF1620340	HF1620330	HF1622340	HF1622330	HF1624340	HF1624330
			HF1618341	HF1618331	HF1620341	HF1620331	HF1622341	HF1622331	HF1624341	HF1624331
			HF1618342	HF1618332	HF1620342	HF1620332	HF1622342	HF1622332	HF1624342	HF1624332

500 Vp max

ADSON

Courbe  
Curved  
Curvo

Droite  
Straight  
Recta



Largeur des pointes  
Width of tips  
Anchura de las puntas

0,3 mm	
1,0 mm	
2,0 mm	

Connecteur  
Plug  
Enchufe



170 mm

HF1517400	
HF1617400	
HF1517401	
HF1617401	
HF1517402	
HF1617402	

120 mm

-	
-	
HF1512601	
HF1612601	
-	
-	

**300 Vp max**

Anti-adhésives  
Non-stick  
No adhesivas

Bijoutier  
Jeweler  
Relojero

Droite  
Straight  
Recta

Coudée  
Angled  
Acodada



Largeur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



110 mm

110 mm

**HF0511100**

**HF0511110** 

HF0611100

HF0611110

HF0511101

HF0511111

HF0611101

HF0611111

HF0511103

HF0511113

HF0611103

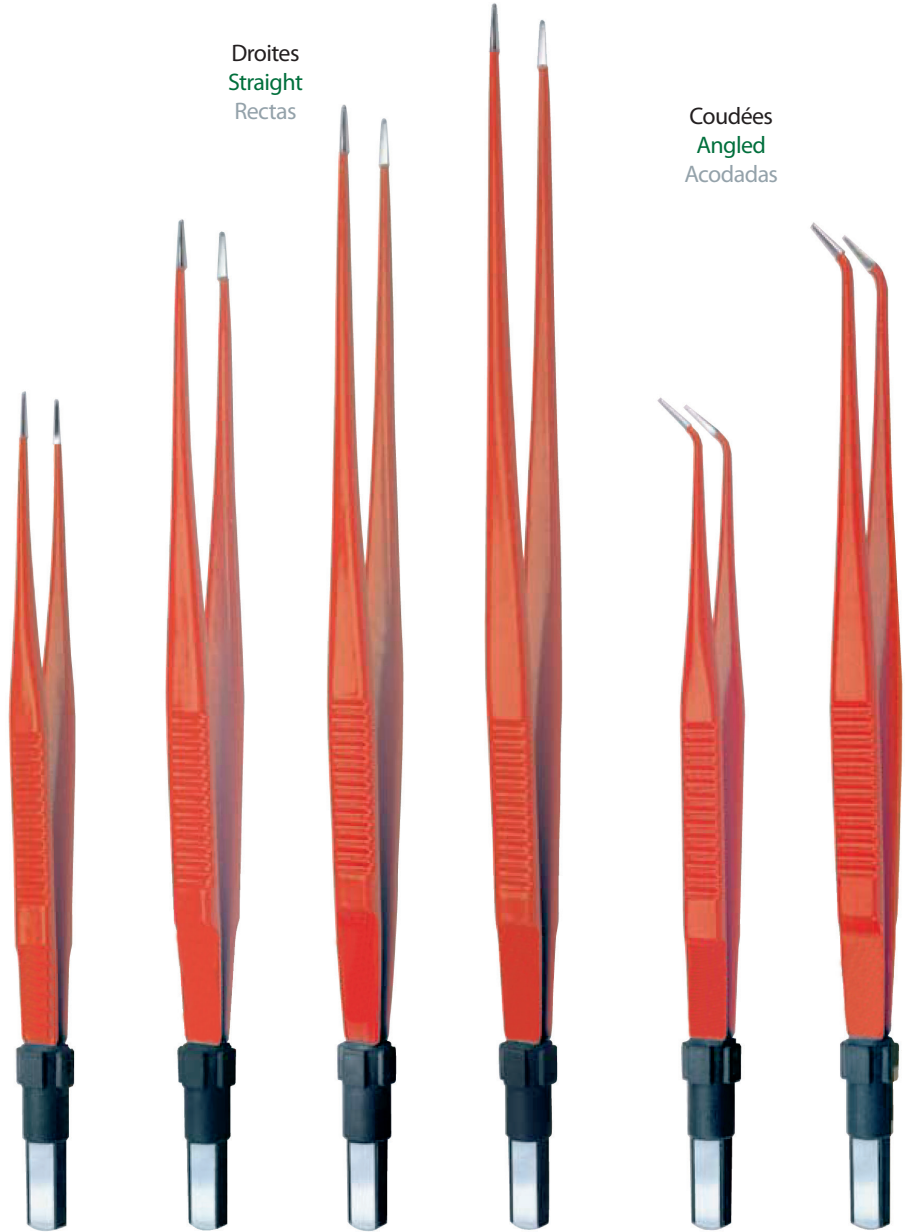
HF0611113

500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

Droites  
Straight  
Rectas

Coudées  
Angled  
Acodadas



150 mm

180 mm

200 mm

220 mm

150 mm

180 mm

Largeur des pointes  
Width of tips  
Anchura de las puntas

Connecteur  
Plug  
Enchufe



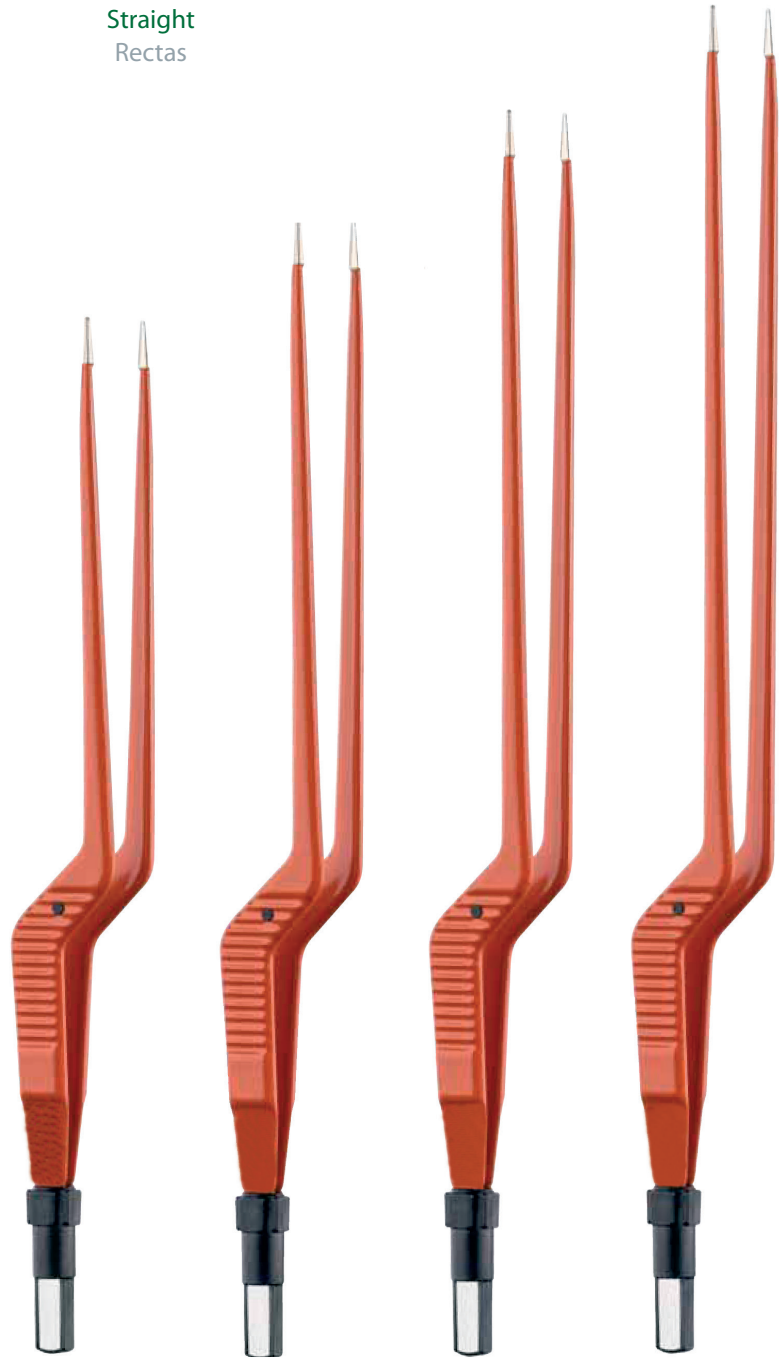
HF0515200	HF0518200	HF0520200	HF0522200	HF0515210	HF0518210
HF0615200	HF0618200	HF0620200	HF0622200	HF0615210	HF0618210
HF0515206	HF0518206	HF0520206	HF0522206	HF0515216	HF0518216
HF0615206	HF0618206	HF0620206	HF0622206	HF0615216	HF0618216
HF0515201	HF0518201	HF0520201	HF0522201	HF0515211	HF0518211
HF0615201	HF0618201	HF0620201	HF0622201	HF0615211	HF0618211
HF0515202	HF0518202	HF0520202	HF0522202	HF0515212	HF0518212
HF0615202	HF0618202	HF0620202	HF0622202	HF0615212	HF0618212

500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

Droites  
Straight  
Rectas

Baïonnette  
Bayonet  
Bayoneta



Largeur des pointes  
Width of tips  
Anchura de las puntas

0,3 mm	
0,6 mm	
1,0 mm	
2,0 mm	

Connecteur  
Plug  
Enchufe



180 mm

200 mm

220 mm



240 mm

HF0518300	HF0520300	HF0522300	HF0524300
HF0618300	HF0620300	HF0622300	HF0624300
HF0518306	HF0520306	HF0522306	HF0524306
HF0618306	HF0620306	HF0622306	HF0624306
<b>HF0518301</b>	<b>HF0520301</b>	<b>HF0522301</b>	<b>HF0524301</b>
HF0618301	HF0620301	HF0622301	HF0624301
HF0518302	HF0520302	HF0522302	HF0524302
HF0618302	HF0620302	HF0622302	HF0624302



500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

 Coudée en bas  
Angled down tip  
Acodada hacia abajo  
 Coudée en haut  
Angled up tip  
Acodada hacia arriba

Baïonnette  
Bayonet  
Bayoneta

Largeur des pointes  
Width of tips  
Anchura de las puntas

1,0 mm



Connecteur  
Plug  
Enchufe



200 mm

HF0520341

HF0520331

HF0620341

HF0620331



220 mm

HF0522341

HF0522331

HF0622341

HF0622331



500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

Droites et fines  
Straight and thin  
Rectas y finas

Manches ronds à guidage intégré  
Round handle with integrated guide  
Mango redondo con guía integrada



Largueur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



155 mm

180 mm

200 mm

225 mm

HF41011500  
HF41011506  
HF41011510  
HF41011520

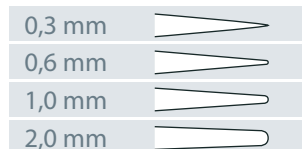
HF41011800  
HF41011806  
HF41011810  
HF41011820

HF41012000  
HF41012006  
HF41012010  
HF41012020

HF41012200  
HF41012206  
HF41012210  
HF41012220



Largueur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



140 mm

165 mm

185 mm

210 mm

HF41021500  
HF41021506  
HF41021510  
HF41021520

HF41021800  
HF41021806  
HF41021810  
HF41021820

HF41022000  
HF41022006  
HF41022010  
HF41022020

HF41022200  
HF41022206  
HF41022210  
HF41022220

500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

Coudées et fines  
Angled and thin  
Acodadas y finas

Manches ronds à guidage intégré  
Round handle with integrated guide  
Mango redondo con guía integrada



Largeur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



155 mm

180 mm

200 mm

225 mm

HF41111500  
HF41111506  
**HF41111510**  
HF41111520

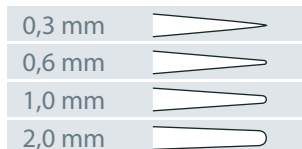
HF41111800  
HF41111806  
**HF41111810**  
HF41111820

HF41112000  
HF41112006  
**HF41112010**  
HF41112020

HF41112200  
HF41112206  
**HF41112210**  
HF41112220



Largeur des pointes  
Width of tips  
Anchura de las puntas



Connecteur  
Plug  
Enchufe



140 mm

165 mm

185 mm

210 mm

HF41121500  
HF41121506  
HF41121510  
HF41121520

HF41121800  
HF41121806  
HF41121810  
HF41121820

HF41122000  
HF41122006  
HF41122010  
HF41122020

HF41122200  
HF41122206  
HF41122210  
HF41122220



500 Vp max

Anti-adhésives  
Non-stick  
No adhesivas

Droites et fines  
Straight and thin  
Rectas y finas

Manches ronds à guidage intégré  
Round handle with integrated guide  
Mango redondo con guía integrada



Largueur des pointes  
Width of tips  
Anchura de las puntas

0,3 mm		
0,6 mm		
1,0 mm		
2,0 mm		

Connecteur  
Plug  
Enchufe

180 mm

200 mm

225 mm

250 mm

HF42011800  
HF42011806  
HF42011810  
HF42011820

HF42012000  
HF42012006  
HF42012010  
HF42012020

HF42012200  
HF42012206  
HF42012210  
HF42012220

HF42012500  
HF42012506  
HF42012510  
HF42012520



Largueur des pointes  
Width of tips  
Anchura de las puntas

0,3 mm		
0,6 mm		
1,0 mm		
2,0 mm		

Connecteur  
Plug  
Enchufe

165 mm

185 mm

210 mm

235 mm

HF42021800  
HF42021806  
HF42021810  
HF42021820

HF42022000  
HF42022006  
HF42022010  
HF42022020

HF42022200  
HF42022206  
HF42022210  
HF42022220

HF42022500  
HF42022506  
HF42022510  
HF42022520

500 Vp max

Droite  
Straight  
Recta



Baïonnette  
Bayonet  
Baioneta



Largeur des pointes  
Width of tips  
Anchura de las puntas

Connecteur  
Plug  
Enchufe

180 mm

200 mm

180 mm

200 mm

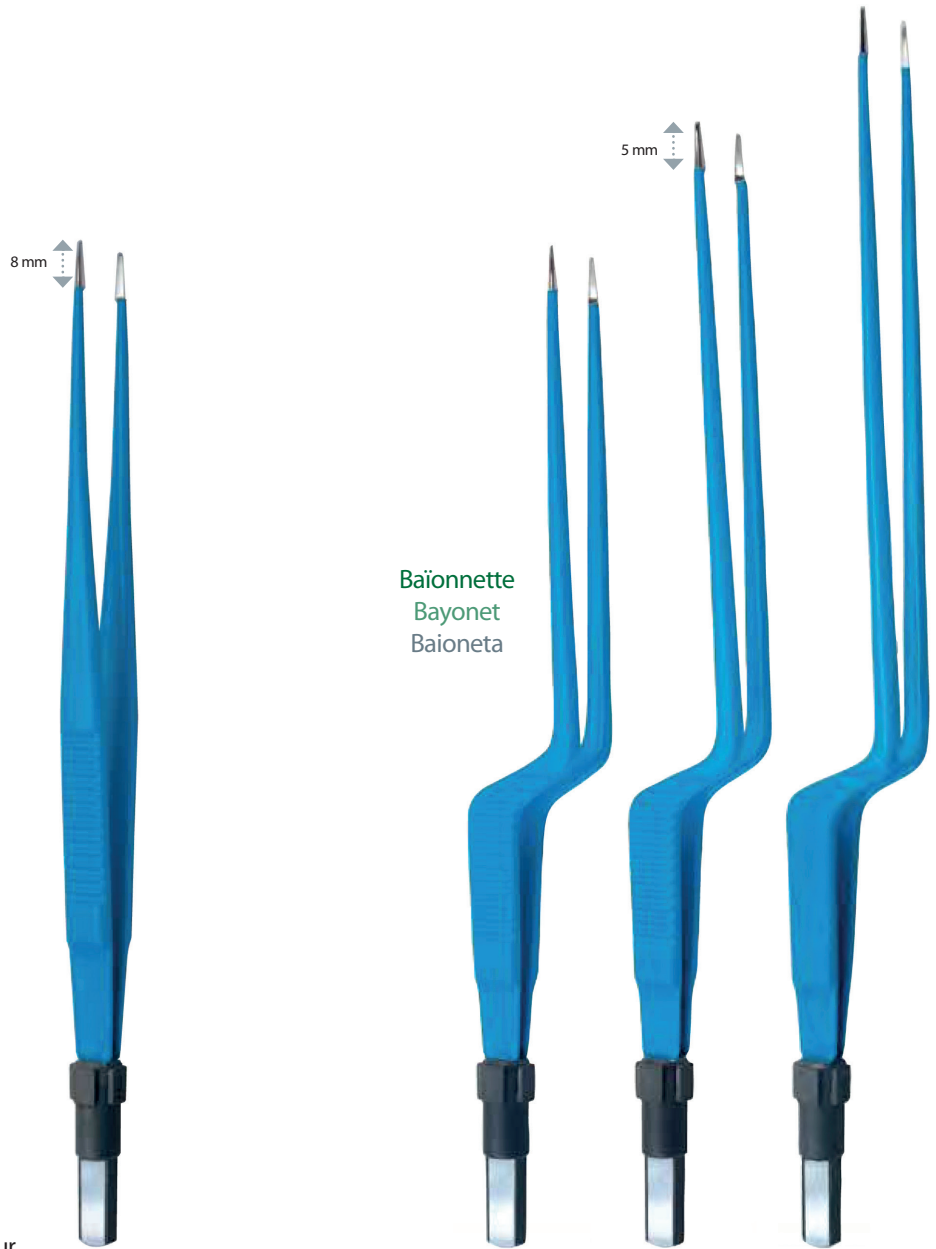
220 mm

0,5			<b>HF1018204</b>	<b>HF1020204</b>	0,5		<b>HF1018304</b>	<b>HF1020304</b>	<b>HF1022304</b>
			HF1118204	HF1120204			HF1118304	HF1120304	HF1122304
1,0			<b>HF1018201</b>	<b>HF1020201</b>	1,0		<b>HF1018301</b>	<b>HF1020301</b>	<b>HF1022301</b>
			HF1118201	HF1120201			HF1118301	HF1120301	HF1122301
2,0			<b>HF1018202</b>	<b>HF1020202</b>	1,5		<b>HF1018303</b>	<b>HF1020303</b>	<b>HF1022303</b>
			HF1118202	HF1120202			HF1118303	HF1120303	HF1122303

500 Vp max

Titane  
Titanium  
Titanio

Droite  
Straight  
Recta



Baionnette  
Bayonet  
Baioneta

Largeur des pointes  
Width of tips  
Anchura de las puntas

Connecteur  
Plug  
Enchufe

180 mm

180 mm

200 mm

220 mm

0,5			HF51011805		HF52011805	HF52012005	HF52012205	
			HF51021805		HF52021805	HF52022005	HF52022205	
1,0			HF51011810		HF52011810	HF52012010	HF52012210	
			HF51021810		HF52021810	HF52022010	HF52022210	
2,0			HF51011820		HF52011815	HF52012015	HF52012215	
			HF51021820	1,5		HF52021815	HF52022015	HF52022215

300 Vp max



Lame standard  
Standard blade  
Hoja estándar

Courbe  
Curved  
Curva



180 mm

HF5718110



210 mm

HF5721110



230 mm

HF5723110



280 mm

HF5728110

300 Vp max



Lame effilée  
Delicate blade  
Hoja delgada

Courbe  
Curved  
Curva



180 mm

HF5718120



210 mm

HF5721120



230 mm

HF5723120



280 mm

HF5728120

300 Vp max



Lame micro  
Micro blade  
Hoja micro



Lame Rasoir  
Razor blade  
Hoja Navaja



130 mm

**HF65361383**

140 mm

**HF65361483**

175 mm

**HF65361783**



180 mm

**HF65361884**

210 mm

**HF65362184**

250 Vp max



Droit  
Straight  
Recta

Courbe  
Curved  
Curva

Droit  
Straight  
Recta

Courbe  
Curved  
Curva



140 mm

HF5791450



140 mm

HF5791451



190 mm

HF5791900



190 mm

HF5791901

300 Vp max



Double courbure  
Double curved  
Doble curva

Câble rond p 45  
Round cable p 45  
Cable redondo p 45



L : 270 mm

HF65362791



L : 270 mm

HF65362781



300 Vp max

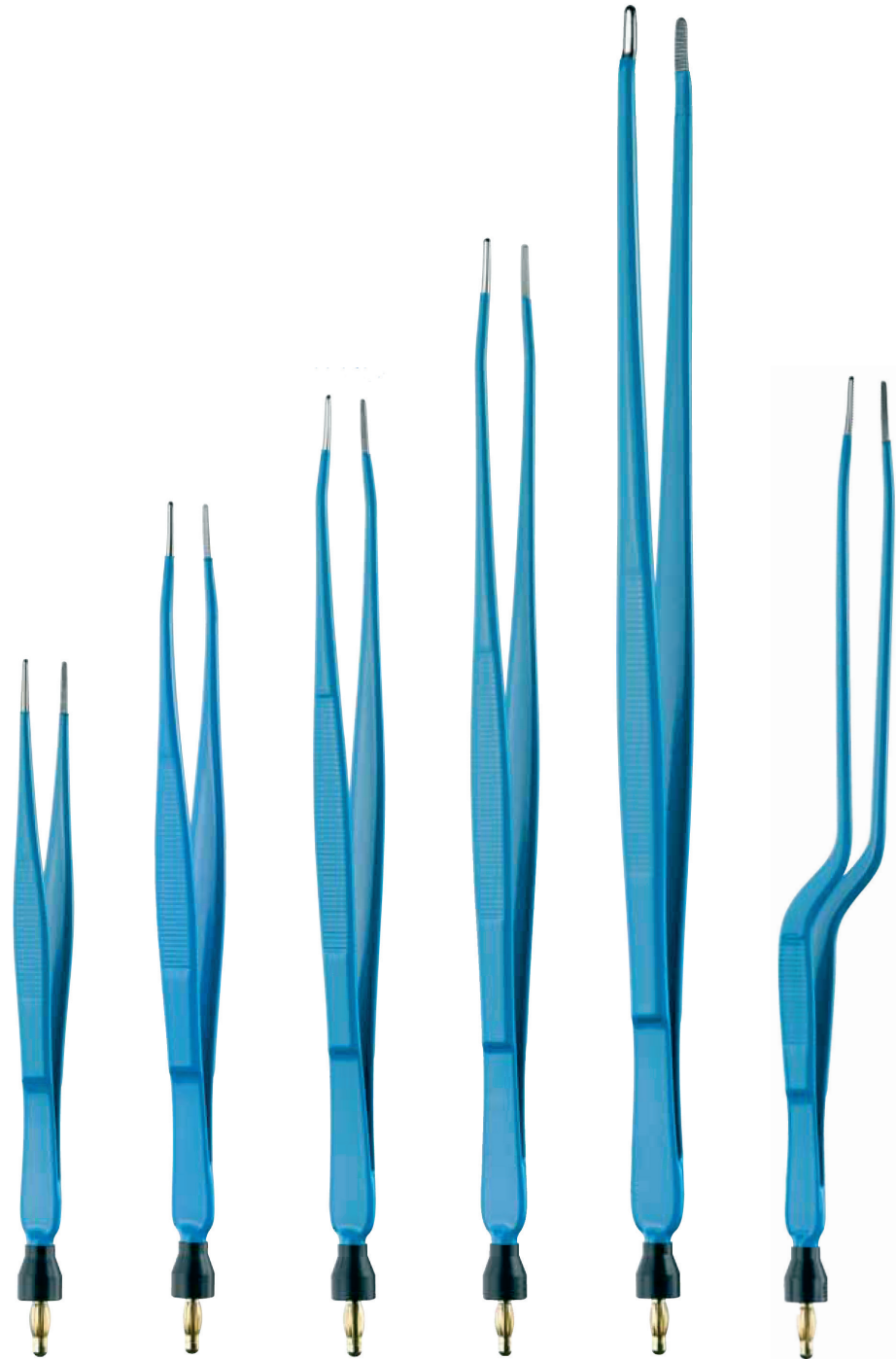
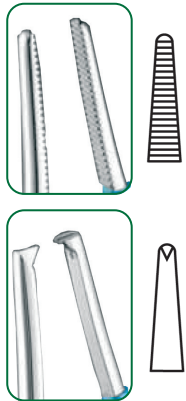


# LANDANGER

Pinces monopolaires avec connecteur - Monopolar forceps with plug - Pinzas monopolares con enchufe

2 kVp max

Droit  
Straight  
Recta



Connecteur Ø 4 mm  
Plug Ø 4 mm  
Enchufe Ø 4 mm

145 mm

180 mm

210 mm

250 mm

300 mm

210 mm

Sans griffe  
Without teeth  
Sin dientes



HF9714112

HF9618112

HF9621112

HF9625112

HF9630112

HF9621312



Avec griffe  
With teeth  
Con dientes



HF9714122

HF9618122

HF9621122

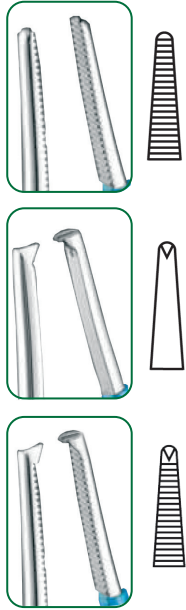
HF9625122

HF9630122

HF9621322

2 kVp max

Droit  
Straight  
Recta

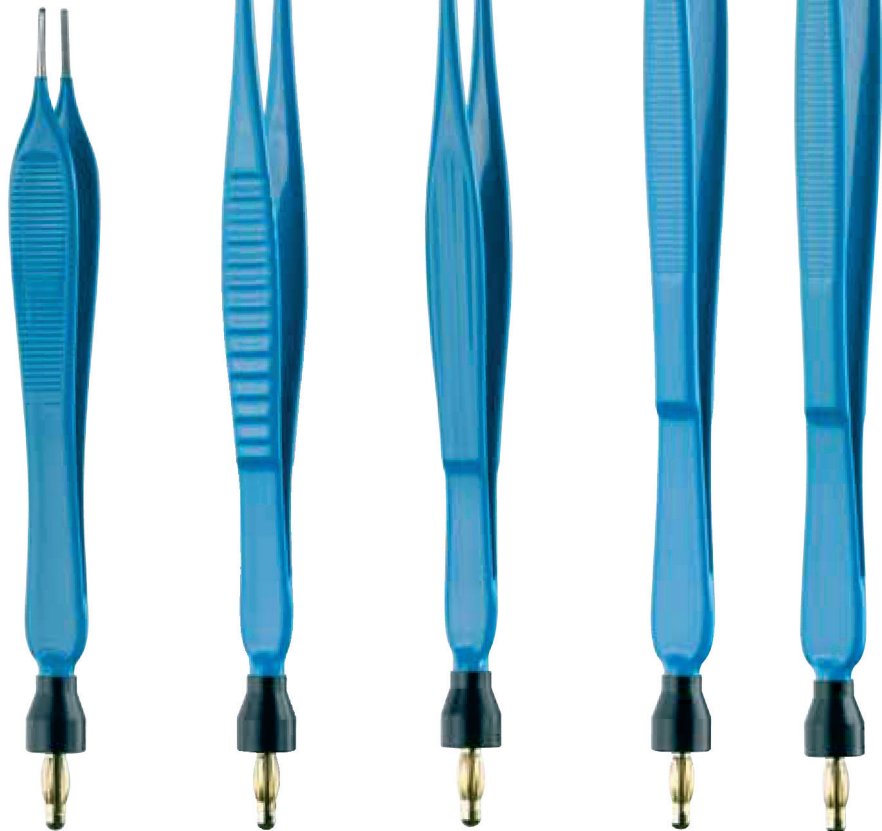


WAUGH

McINDOE

GILLIES

ADSON



Connecteur Ø 4 mm  
Plug Ø 4 mm  
Enchufe Ø 4 mm

Sans griffe  
Without teeth  
Sin dientes



HF9690002

-

HF9690022

HF9690032

-

Avec griffe  
With teeth  
Con dientes



-

HF9690012

-

-

-



-

-

-

-

HF9690042

130 mm

150 mm

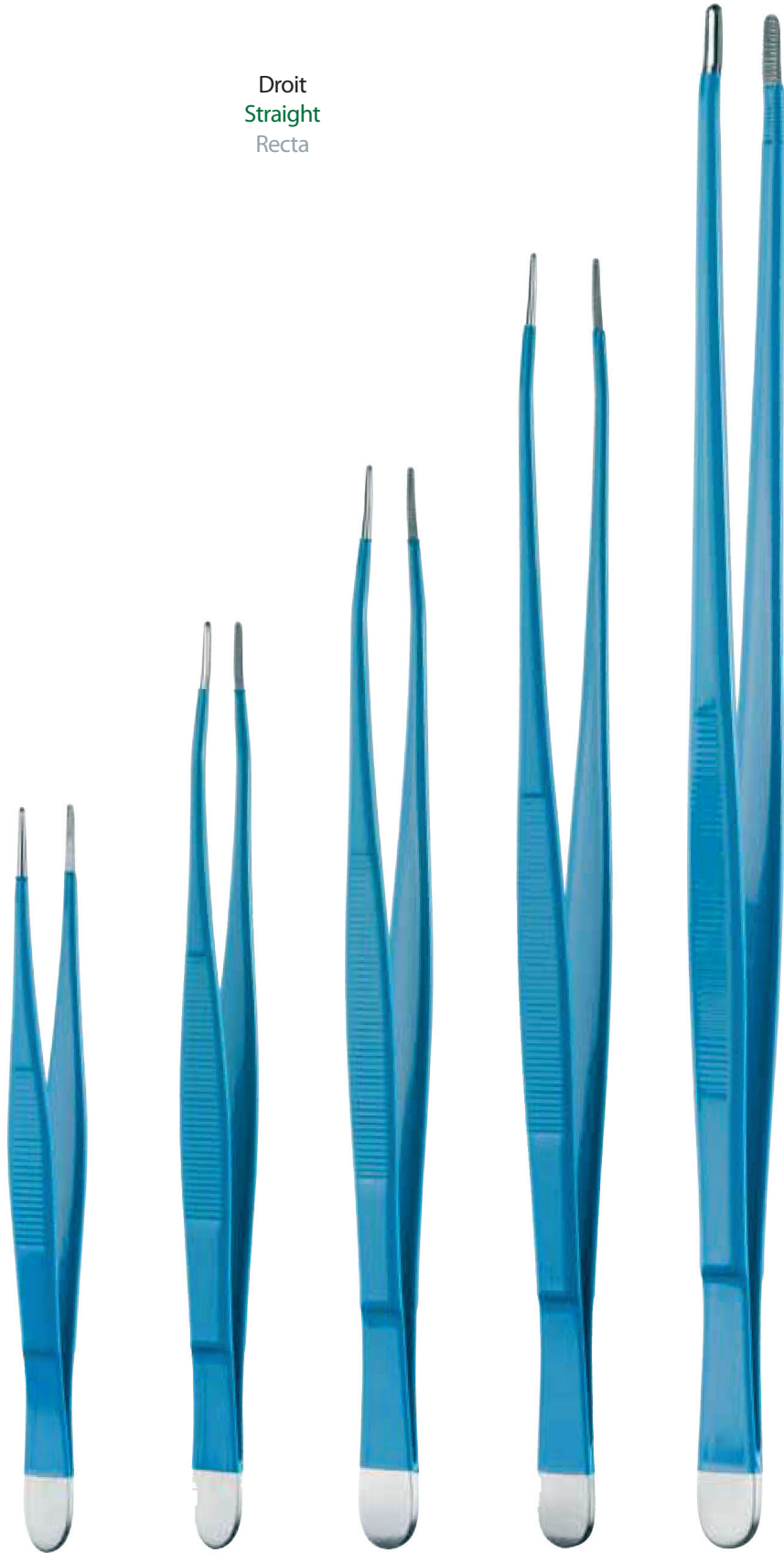
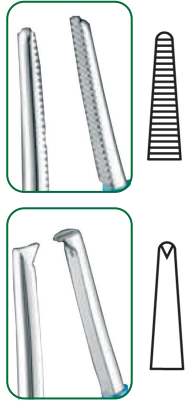
150 mm

205 mm

205 mm

2 kVp max

Droit  
Straight  
Recta



Sans griffe  
Without teeth  
Sin dientes

Avec griffe  
With teeth  
Con dientes



145 mm	180 mm	210 mm	250 mm	300 mm
<b>HF9714110</b>	<b>HF9618110</b>	<b>HF9621110</b>	<b>HF9625110</b>	<b>HF9630110</b>
<b>HF9714120</b>	<b>HF9618120</b>	<b>HF9621120</b>	<b>HF9625120</b>	<b>HF9630120</b>



## Poignées réutilisables pour électrodes monopolaires

### Reusable handles for monopolar electrodes - Mangos reutilizables para electrodos monopolares

Avec câble de raccordement intégré - 4 m  
With integrated connection cable - 4m  
Con cable de conexión integrado - 4 m

2 Boutons  
2 Buttons  
2 Botones

Électrodes  
Electrodes  
Electrodos  
Ø 2,4 mm

HF9218024

Ø 4 mm



HF9218040



Valleylab, Erbe International  
Martin International

Sans câble de raccordement  
Without connection cable  
Sin cable de conexión

2 Boutons  
2 Buttons  
2 Botones

Électrodes  
Electrodes  
Electrodos  
Ø 2,4 mm

HF9215024

Ø 4 mm



HF9215040



1 Bouton  
1 Button  
1 Botón

Électrodes  
Electrodes  
Electrodos  
Ø 2,4 mm

HF9217024

Ø 4 mm



HF9217040



Ø 6 mm

Câble de raccordement - 4 m  
Connection cable - 4m  
Cable de conexión - 4 m

Erbe

Ø 5 mm



HF9101071

Martin

Ø 4 mm



HF9101072

4 kVp max

Conditionnement  
Packaging  
Envase  5

Spatule ovale  
Oval spatula  
Espátula oval  
3,0 x 24 mm



HF9500007

Coupante ovale  
Oval cutting  
Agudo oval  
3,0 x 25 mm



HF9500004

Coupante  
Cutting  
Agudo  
3,3 x 25 mm



HF9500009

Fine, coupante, angulée  
Thin, sharp, angled  
Fino, agudo, ángulado  
1,6 x 19 mm



HF9500008

Fine, coupante, droite  
Thin, sharp, straight  
Fino, agudo, rectos  
1,6 x 19 mm



HF9500127

Forte, coupante  
Strong, sharp  
Fuerte, agudo  
2,5 x 25 mm



HF9500126

Pointe latérale coupante  
Lateral cutting edge  
Punta lateral aguda  
3,3 x 25 mm



HF9500122

Fine, coupante, angulée  
Thin, sharp, angled  
Fino, agudo, ángulado  
1,5 x 17 mm



HF9500125

Fine, coupante  
Thin, sharp  
Fino, agudo  
1,5 x 17 mm



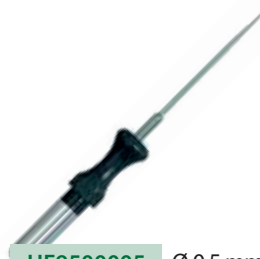
HF9500123

Aiguille isolée  
Insulated needle  
Aguja aislada  
 $\varnothing$  0,5 mm



HF9500011

Aiguille  
Needle  
Aguja



HF9500005  $\varnothing$  0,5 mm

HF9500006  $\varnothing$  0,8 mm

Boucle en fil  
Wire loop  
Lazo de alambre



HF9500014  $\varnothing$  5 mm

HF9500015  $\varnothing$  10 mm

Boucle en bande  
Ribbon loop  
Lazo de cinta  
 $\varnothing$  12 mm



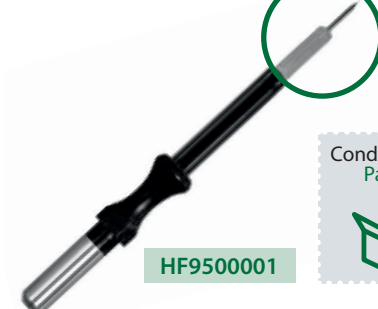
HF9500016

Boucle en bande  
Ribbon loop  
Lazo de cinta  
 $\varnothing$  16 mm



HF9500017

Aiguille en tungstène à isolation céramique  
Tungsten needle with ceramic insulation  
Aguja de tungsteno aislamiento cerámico  
 $\varnothing$  0,5 mm



HF9500001

Conditionnement  
Packaging  
Envase

 1

## 4 kVp max

Conditionnement  
Packaging  
Envase  5


Boule  
Ball  
Bola



 **HF9500020**  $\varnothing$  2 mm  
**HF9500021**  $\varnothing$  4 mm  
**HF9500022**  $\varnothing$  6 mm

Boule, angulée  
Ball, angled  
Bola, angulada



 **HF9500130**  $\varnothing$  2 mm  
**HF9500131**  $\varnothing$  4 mm

Spatule flexible  
Flexible spatula  
Espátula flexible  
2,0 x 16 mm



**HF9500032**

Conditionnement  
Packaging  
Envase  1

Spatule flexible  
Flexible spatula  
Espátula flexible  
2,0 x 16 mm



**HF9500033** L : 55 mm

Aiguille  
Needle  
Aguja



**HF9500037**

Spatule ovale  
Oval spatula  
Espátula oval  
3,0 x 24 mm



**HF9500038**



## 4 kVp max

Conditionnement  
Packaging  
Envase



Boucle en fil - Wire loop - Lazo de alambre



HF9500138  $\varnothing$  5 mm  
HF9500139  $\varnothing$  10 mm

Boule - Ball - Bola



HF9500140  $\varnothing$  2 mm  
HF9500141  $\varnothing$  4 mm  
HF9500142  $\varnothing$  6 mm

Aiguille - Needle - Aguja : 0,8 x 12 mm



HF9500143

Aiguille angulée - Angled needle - Aguja ángulada : 0,8 x 10 mm



HF9500144

Coupante - Sharp - Agudo



HF9500150 1,6 mm  
HF9500151 2,2 mm

Coupante - Sharp - Agudo



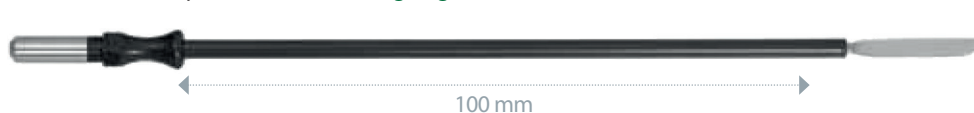
HF9500145 2,4 x 10 mm  
HF9500147 3,3 x 25 mm  
HF9500149 2,4 x 20 mm

Coupante, angulée - Sharp, angled - Agudo, ángulado : 2,4 x 10 mm



HF9500146

Pointe latérale coupante - Lateral cutting edge - Punta lateral corte : 3,3 x 20 mm



HF9500148



## 4 kVp max

Conditionnement  
Packaging  
Envase



Aiguille coudée 90° - 90° angled needle - Aguja acodada 90° :  $\varnothing$  0,6 mm



HF9500170 1,5 mm  
HF9500171 4,0 mm

Aiguille coudée 45° - 45° angled needle - Aguja acodada 45° :  $\varnothing$  0,4 mm



HF9500172 4,0 mm

Sonde coudée 90° - 90° angled probe - Sonda acodada 90° :  $\varnothing$  1,5 mm



HF9500173 4,0 mm

Boule - Ball - Bola :  $\varnothing$  3,0 mm



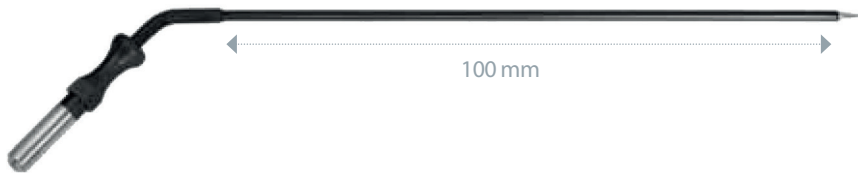
HF9500174

**1 kVp max**

Conditionnement  
Packaging  
Envase  1

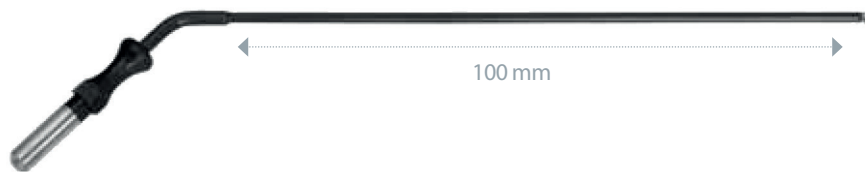
Pour ORL  
For ENT  
Para ORL

Aiguille - Needle - Aguja :  $\varnothing$  1,2 mm



HF9500190

Boule - Ball - Bola :  $\varnothing$  2,0 mm



HF9500191

**500 Vp max**

Pour Conisation  
For conisation  
Para la conización


Boucle en fil - Wire loop - Lazo de alambre



Boucle  
Loop  
Lazo

HF9500181  $\varnothing$  10 mm

HF9500182  $\varnothing$  15 mm

 HF9500183  $\varnothing$  20 mm

HF9500184  $\varnothing$  25 mm

## 4 kVp max

Conditionnement  
Packaging  
Envase  5

Spatule  
Spatula  
Espátula  
2,5 x 20 mm



HF9503007

Coupante  
Cutting  
Agudo  
2,5 x 20 mm



HF9503009

Boule  
Ball  
Bola



HF9503020 Ø 2 mm  
HF9503021 Ø 4 mm  
HF9503022 Ø 6 mm

Boule angulée  
Angled ball  
Bola ángulada  
0,8 x 10 mm



HF9503130 Ø 2 mm  
HF9503131 Ø 4 mm

Boucle en fil  
Wire loop  
Lazo de alambre



HF9503014 Ø 5 mm  
HF9503015 Ø 10 mm  
HF9503018 Ø 14 mm

Boucle en bande  
Ribbon loop  
Lazo de cinta



HF9503016 Ø 10 mm  
HF9503017 Ø 14 mm

Aiguille  
Needle  
Aguja



HF9503005 Ø 0,5 mm  
HF9503006 Ø 0,7 mm

## 4 kVp max

Conditionnement  
Packaging  
Envase



Spatule - Spatula - Espátula : 2,5 x 20 mm



HF9503149

Coupante - Cutting - Agudo : 2,5 x 20 mm



HF9503147

Aiguille - Needle - Aguja : 20 mm



HF9503143

$\varnothing$  0,5 mm

HF9503146

$\varnothing$  0,7 mm

Boule - Ball - Bola



HF9503140

$\varnothing$  2 mm



HF9503141

$\varnothing$  4 mm

## 500 Vp max

Pour Conisation  
For conisation  
Para la conización

Boucle en fil - Wire loop - Lazo de alambre



Boucle  
Loop  
Lazo

HF9503181

$\varnothing$  10 mm

HF9503182

$\varnothing$  15 mm



HF9503183

$\varnothing$  20 mm

HF9503184

$\varnothing$  25 mm

## Électrodes monopolaires tungstène ø 2.4 mm

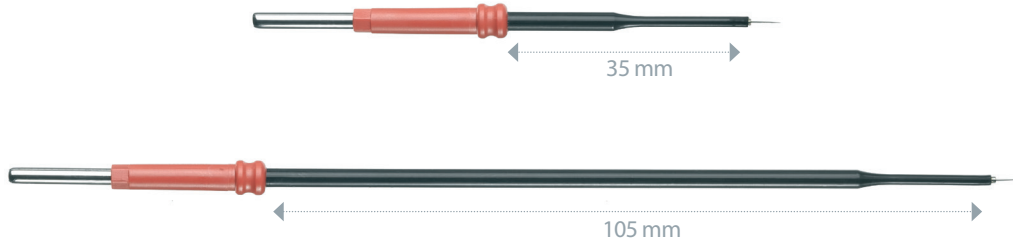
Tungsten monopolar electrodes ø 2.4 mm - Tungsteno electrodos monopolares ø 2,4 mm

**1 kVp max**

Pour la coupe  
For cutting  
Para cortar

Aiguille droite  
Straight Needle  
Aguja Recta

Ø 0,25 mm



Longueur  
Length  
Longitud

HF9505100 20 mm 

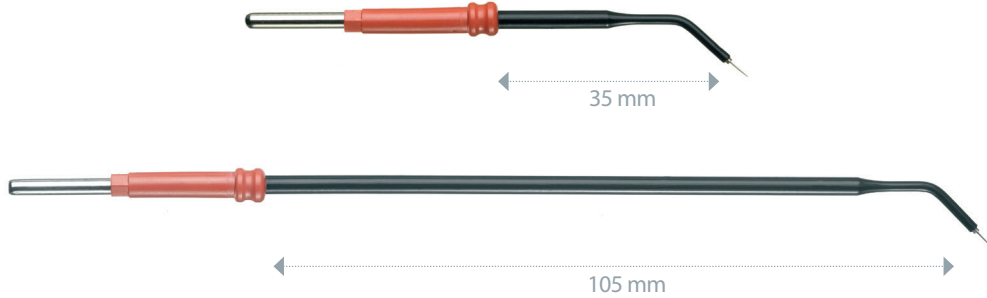
 HF9505102 35 mm 

HF9505103 70 mm 

 HF9505104 105 mm 

Aiguille coudée  
Angled needle  
Aguja acodada

Ø 0,25 mm



Longueur  
Length  
Longitud

HF9505110 20 mm 

 HF9505112 35 mm 

HF9505113 70 mm 

 HF9505114 105 mm 

## Électrodes monopolaires tungstène ø 2.4 mm

Tungsten monopolar electrodes ø 2.4 mm - Tungsteno electrodos monopolares ø 2,4 mm

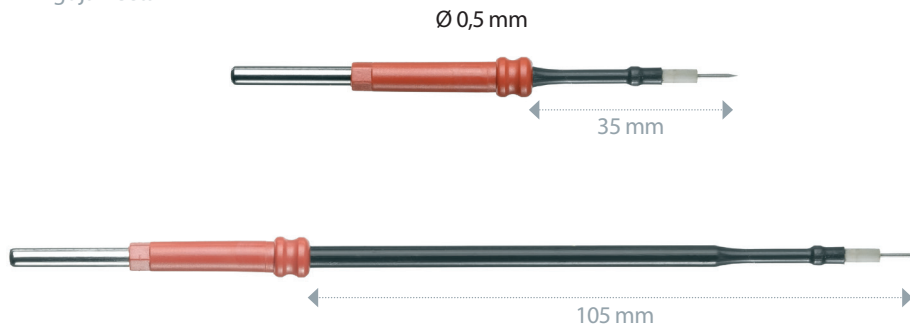
1 kVp max

Conditionnement  
Packaging  
Envase



Avec isolation céramique, pour la coupe et la coagulation  
With ceramic insulation for cutting and coagulation  
Con aislador de cerámica, para cortar y coagular

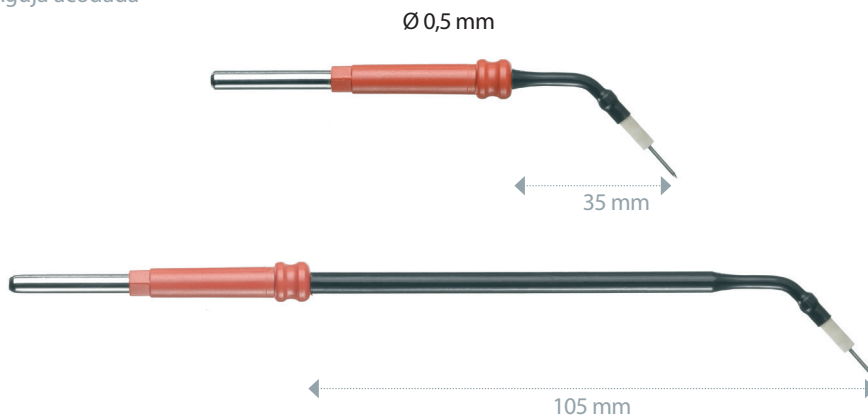
Aiguille droite  
Straight Needle  
Aguja Recta



Longueur  
Length  
Longitud

HF9505200	20 mm
HF9505202	35 mm
HF9505203	70 mm
HF9505204	105 mm

Aiguille coudée  
Angled needle  
Aguja acodada



Longueur  
Length  
Longitud

HF9505210	20 mm
HF9505212	35 mm
HF9505213	70 mm
HF9505214	105 mm

## Rallonges monopolaires pour électrode

### Monopolar extensions for electrode - Extensiones de electrodo monopolar


Conditionnement  
Packaging  
Envase



Connectique  $\varnothing$  2,4 mm  
Connectors  $\varnothing$  2,4 mm  
Conectores  $\varnothing$  2,4 mm



Longueur  
Length  
Longitud

	<b>HF9505090</b>	100 mm
	<b>HF9505095</b>	150 mm

Connectique  $\varnothing$  4 mm  
Connectors  $\varnothing$  4 mm  
Conectores  $\varnothing$  4 mm



Longueur  
Length  
Longitud

	<b>HF9505080</b>	100 mm
	<b>HF9505085</b>	150 mm

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## Câbles bipolaires - Bipolar cables - Cables bipolares

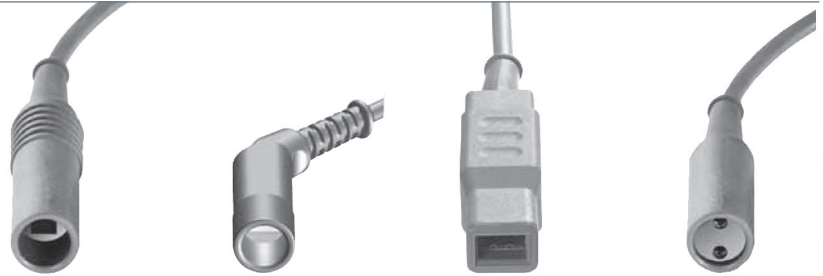
Connecteur coté instrument  
Plug instrument side  
Enchufe lado del instrumento

Plat  
Flat  
Plano

Plat, coudé  
Flat, angled  
Plano, Acodado







Plat, carré  
Flat, square  
Plano, cuadrado

2 broches  
2 pins  
2 pines



Connecteur coté générateur  
Plug generator side  
Enchufe lado del generador

Longueur  
Length  
Longitud

		Plat Flat Plano	Plat, coudé Flat, angled Plano, Acodado	Plat, carré Flat, square Plano, cuadrado	2 broches 2 pins 2 pines	
Erbe		3 m	HF0100017	HF0100054	HF0100037	HF0100023
		5 m	HF0100018	HF0100056	HF0100038	HF0100029
Martin, Berchtold, Aesculap GK55, GK60		3 m	HF0100019	HF0100058	HF0100039	HF0100043
		5 m	HF0100020	HF0100059	HF0100047	HF0100045
Valleylab, Lamidey, EMC		3 m	HF0100021	HF0100046	HF0100034	HF0100053
		5 m	HF0100022	HF0100048	HF0100033	HF0100055
Erbe, EMC, Dolley		3 m	-	-	HF0100003	-
		5 m	-	-	HF0100005	-
Aesculap GK4, GK20, GK21, GK30 GK34, GK50, GK51		3 m	-	-	HF0100035	HF0100073
		5 m	-	-	HF0100036	HF0100075
Valleylab autobipolar		3 m	-	-	HF0100219	-
		5 m	-	-	HF0100225	-



# LANDANGER

## Câbles bipolaires - Bipolar cables - Cables bipolares

Connecteur coté instrument  
 Plug instrument side  
 Enchufe lado del instrumento

Rond  
 Round  
 Redondo

Pince R. Wolf  
 R.Wolf forceps  
 Pinza R.Wolf

Pince Karl Storz  
 Karl Storz forceps  
 Pinza Karl Storz

Ciseaux Ethicon  
 Ethicon scissors  
 Tijeras Ethicon

Pince Aesculap  
 Aesculap forceps  
 Pinza Aesculap



HF0100082	HF0100092	HF0100095	HF0100198	HF0100150
HF0100086	HF0100192	HF0100195	HF0100298	-
HF0100083	HF0100093	HF0100096	HF0100199	HF0100130
HF0100087	HF0100193	HF0100196	HF0100299	-
HF0100084	HF0100089	HF0100097	HF0100197	-
HF0100088	HF0100189	-	HF0100297	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	HF0100140
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

# LANDANGER

## Câbles monopolaires - Monopolar cables - Cables monopolares

Connecteur coté instrument  
**Plug instrument side**  
 Enchufe lado del instrumento

Ø 4 mm \*  
 Connecteur femelle  
**Female plug**  
 Enchufe hembra

Ø 4 mm \*  
 Connecteur mâle  
**Male plug**  
 Enchufe macho

Ø 4 mm  
 Douille  
**Socket**  
 Zócalo



Connecteur coté générateur  
**Plug generator side**  
 Enchufe lado del generador

Longueur  
**Length**  
 Longitud

Lamidey  
 Erbe T-Serie, Martin,  
 Berchtold  
 Ø 4 mm



3 m	-	-	HF0100014
-----	---	---	-----------

5 m	-	-	HF0100016
-----	---	---	-----------

Bovie, Valleylab,  
 Conmed  
 Ø 8 mm



3 m	-	-	HF0100215
-----	---	---	-----------

3,5 m	HF0100402	-	-
-------	-----------	---	---

5 m	-	-	HF0100221
-----	---	---	-----------

Martin, Berchtold  
 Ø 4 mm



3 m	-	-	HF0100031
-----	---	---	-----------

5 m	-	-	HF0100331
-----	---	---	-----------

Erbe ACC/ICC  
 Ø 5 mm



3 m	-	-	HF0100114
-----	---	---	-----------

3,5 m	HF0100401	-	-
-------	-----------	---	---

5 m	-	-	HF0100115
-----	---	---	-----------

Mâle / Male / Macho  
 Ø 4 mm \*



3,5 m	HF0100400	HF0100403	-
-------	-----------	-----------	---

\*Connecteur protégé  
**Protected plug**  
 Enchufe protegido

# LANDANGER

## Câbles monopolaires - Monopolar cables - Cables monopolares

Connecteur coté instrument  
 Plug instrument side  
 Enchufe lado del instrumento

Ø 4 mm  
 Douille coudée  
 Socket angled  
 Zócalo Acodado

Ø 2 mm  
 Protégé  
 Plug protected  
 Enchufe protegido

Ø 4 mm  
 Protégé  
 Plug protected  
 Enchufe protegido

Ø 3 mm  
 Douille  
 Socket  
 Zócalo



HF0100240

HF0100314

-

HF0100319

HF0100241

-

-

-

HF0100242

HF0100320

HF0100220

-

-

-

-

-

-

-

-

-

-

HF0100316

HF0100230

-

-

-

-

-

HF0100243

HF0100330

-

-

-

-

-

-

-

HF0100360

-

HF0100317

-

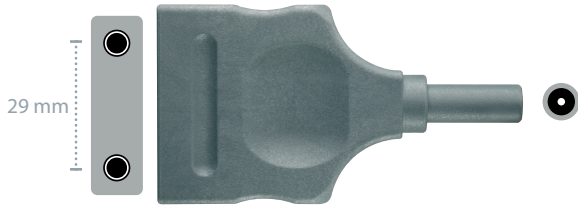
-

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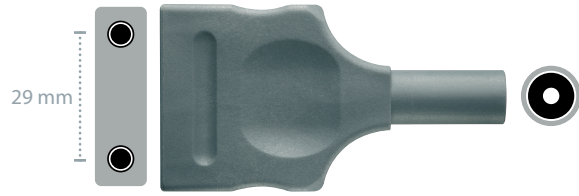
## Adaptateurs bipolaires - Bipolar adapters - Adaptadores bipolares

Générateur Martin  
Martin generator  
Generador Martin



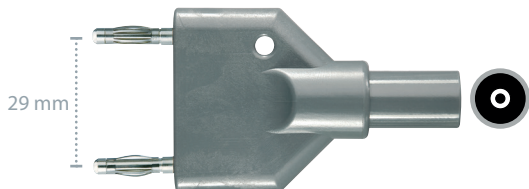
HF0200000

Générateur Erbe  
Erbe generator  
Generador Erbe



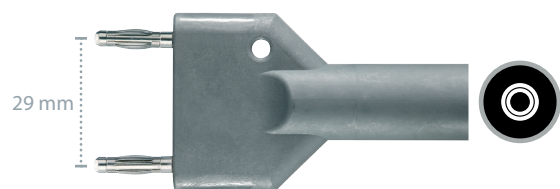
HF0200001

Câble Martin  
Martin cable  
Cable Martin



HF0200002

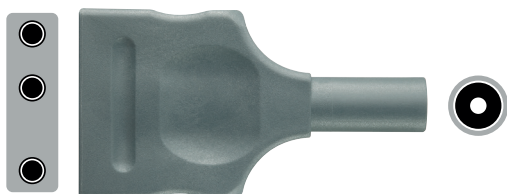
Câble Erbe  
Erbe cable  
Cable Erbe



HF0200003

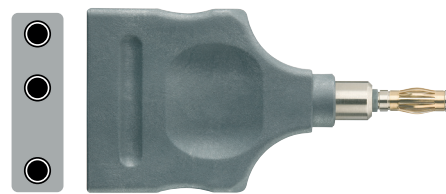
## Adaptateurs monopolaires - Monopolar adapters - Adaptadores monopolares

Générateur Martin  
Martin generator  
Generador Martin



HF0200011

Générateur Erbe  
Erbe generator  
Generador Erbe



HF0200012

## Électrodes neutres réutilisables - Reusable neutral electrodes - Electrodoos neutros reutilizables

Pour enfants : surface de contact 128 cm<sup>2</sup> (8 x 16 cm) avec câble de raccordement de 4,5 m  
 For children : contact surface 128 cm<sup>2</sup> (8 x 16cm) with a 4,5m connecting cable  
 Para niños : superficie de contacto 128 cm<sup>2</sup> (8 x 16 cm) con un cable de conexión de 4,5 m



Avec connecteur Erbe, Integra, KLS Martin  
 with Erbe, Integra, KLS Martin plug  
 Con enchufe Erbe, Integra, KLS Martin

HF9232004

Avec connecteur KLS Martin  
 With KLS Martin plug  
 Con enchufe KLS Martin

HF9232003

Pour adultes : surface de contact 390 cm<sup>2</sup> (15 x 26 cm) avec câble de raccordement de 4,5 m  
 For adults : contact surface 390 cm<sup>2</sup> (15 x 26cm) with a 4,5m connecting cable  
 Para adultos : superficie de contacto 390 cm<sup>2</sup> (15 x 26 cm) con un cable de conexión de 4,5 m



Avec connecteur Erbe, Integra, KLS Martin  
 With Erbe, Integra, KLS Martin plug  
 Con enchufe Erbe, Integra, KLS Martin

HF9242004

Avec connecteur KLS Martin  
 With KLS Martin plug  
 Con enchufe KLS Martin

HF9242003

Connecteur pour électrodes neutres à usage unique  
 Plug for single-use electrodes  
 Enchufe para electrodos uso único



Connecteur coté générateur  
 Plug generator side  
 Enchufe lado del generador

Erbe, Integra  
 KLS Martin



4.5 m

HF9101050

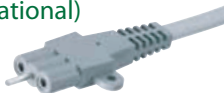
KLS Martin



4.5 m

HF9101052

Valleylab, Conmed  
 Erbe (International)



4.5 m

HF9101051

Valleylab (Non REM), Conmed  
 Erbe (International)



4.5 mm

HF9101053

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