

**KLS martin**  
GROUP



**marCut®**

The bipolar KLS Martin Scissors  
for use in Open Surgery



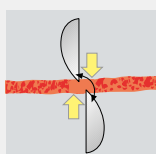
## marCut®

# The Bipolar KLS Martin Scissors for Use in Open Surgery

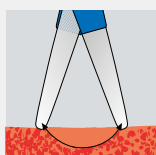
### The bipolar technique

When using the bipolar electro-surgical technique, the flow of current is limited to a defined tissue area. Only the tissue between the two blades (tips) of the scissors is part of the electric circuit.

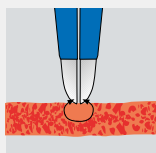
This requires significantly less power than monopolar applications. In other words, the bipolar technique means more patient safety!



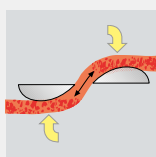
Precise cutting and simultaneous hemostasis – in a single surgical step.



Coagulation is possible in any blade position. Thus, even extended superficial hemorrhages can be easily stopped.



The bipolar scissors can also be used for point coagulation (instead of forceps) to stop locally limited hemorrhages.



With the scissors opened, vessel coagulation is possible before performing the cut.

## Safe and universally applicable Accessories for Electrosurgery

**marCut®**

**The bipolar KLS Martin scissors for use in open surgery**



Scissor blade with ceramic coating

To effectively protect the ceramic-coated blade of the marCut® scissors during instrument processing, it is recommended to use the protector (80-570-00-04).

### **Design of the bipolar KLS Martin scissors**

The two blades of the scissors are electrically insulated from each other by a ceramic element. The specially hardened surface of the other blade guarantees a consistently sharp cutting edge.



### Good reasons at a glance

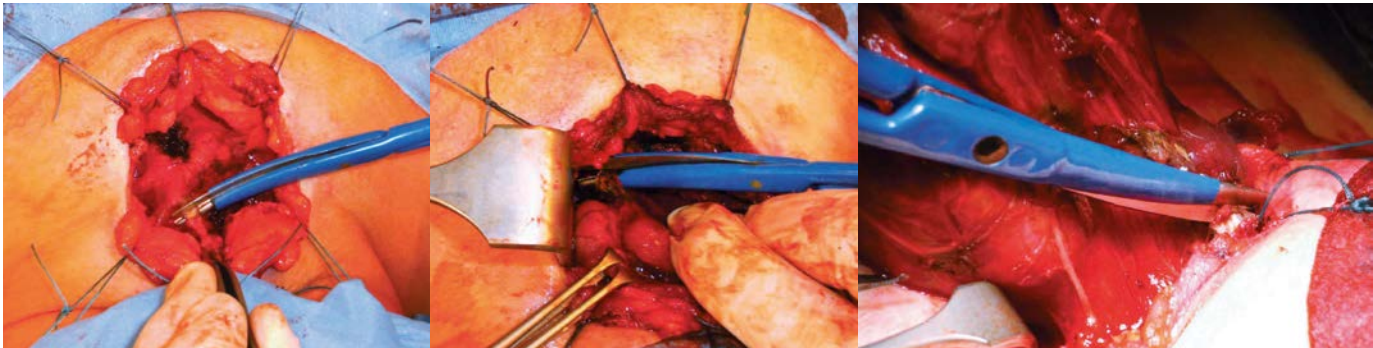
- Tissue-friendly and safe treatment as an alternative to monopolar surgery
- Durable ceramic coating; the specially hardened surface of the other blade ensures a consistently sharp edge
- Rugged metal joint (pivot)
- Can be resharpened repeatedly
- Can be used across a wide range of indications
- Time savings due to safe coagulating and precise cutting in a single step
- Both the scissors and the cables can be steam-sterilized (up to 134°C / 2 bar)
- Existing bipolar connecting cables can be used as well
- The marCut® scissors can be used with any KLS Martin HF generator capable of producing bipolar currents; Compatible non-KLS-Martin generators on request
- Connection of the bipolar cable to only one shank (or handle) facilitates the surgeon's work

## Bipolar Scissors Current for electrosurgically assisted mechanical Cutting

With its maxium®, the latest generation of HF units, KLS Martin offers you a special scissors current: Forfex. This current has been specially designed for use with our bipolar marCut® scissors. It supports the mechanical cut of the scissors with bipolar high-frequency current that enables simultaneous hemostasis.



Application: colon resection



Application: thyroidectomy



The maxium® generator's Forflex current has been specially adapted to the marCut® bipolar scissors.

### Indication examples

#### General surgery

- Laparotomy
- Intestinal surgery
- Esophageal interventions
- Colorectal interventions
- Pancreatic interventions
- Hernias
- Adhesions

#### Gynecology

- Abdominal hysterectomy
- Vaginal hysterectomy
- Mamma dissection
- Axillary lymph node dissection
- Adhesions

#### Thoracic surgery

- Thoracotomy
- Pneumonectomy
- Adhesions

#### Plastic surgery

- Flap plasty
- Mamma reconstructions

#### Cardiac surgery

- Excisional biopsies
- Mammary dissection
- Saphenous vein preparation

#### ENT

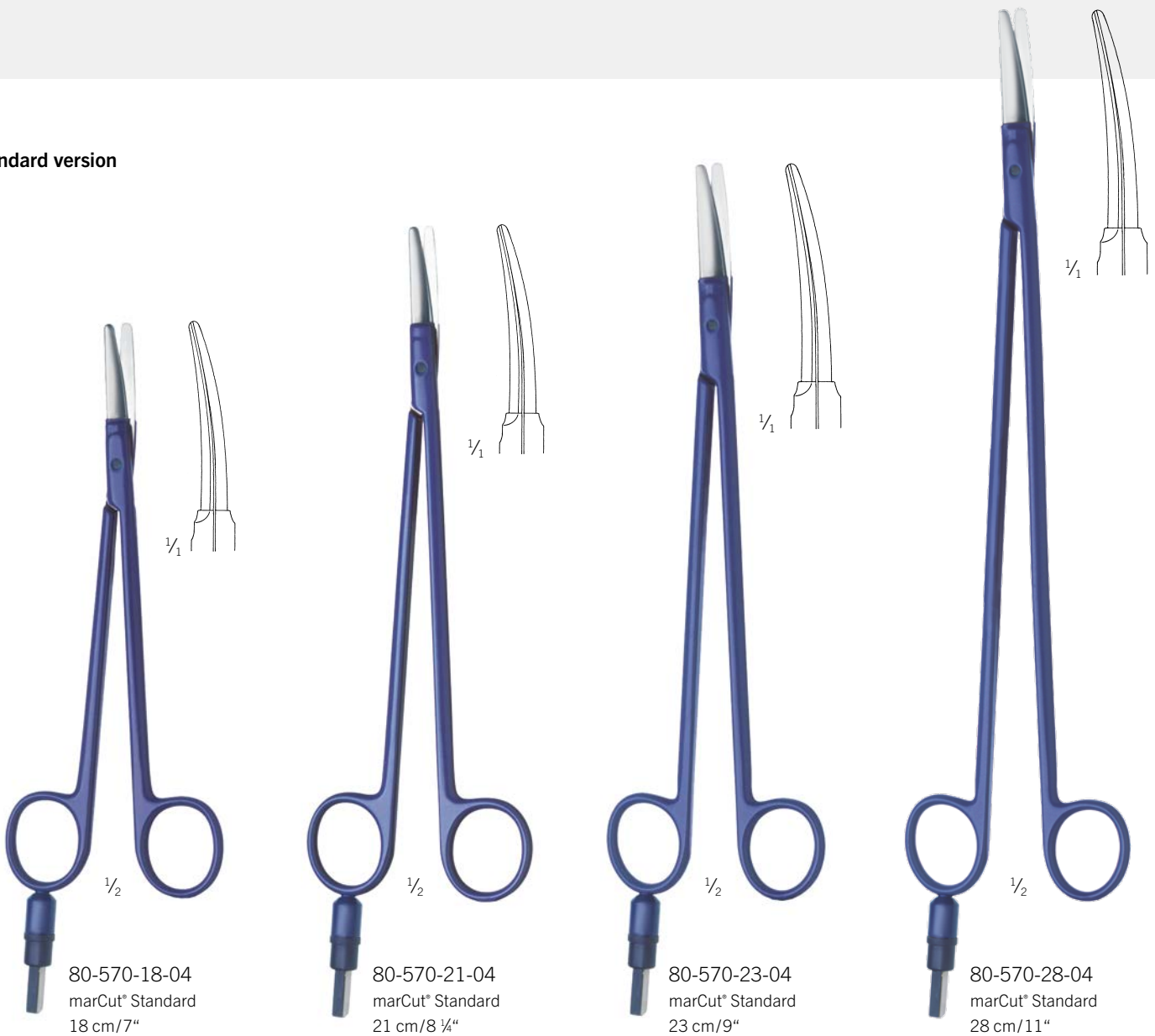
- Tonsillectomies
- Neck dissections
- Thyroidectomies
- Oral cavity resection

## Types of Scissors and Connecting Cables

Different sizes give you choice – just the right instrument for the task at hand. We recommend using the protector (80-570-00-04) for processing the scissors.

Users can choose between the standard version and two versions of the slim model – the marCut® SL (Slim Line) and the new marCut® SSL (Super Slim Line).

### Standard version







max. 600 V<sub>p</sub>

80-287-33-04 80-287-53-04  
3 m/10 ft. 5 m/16 ft.  
KLS Martin and Berchtold units  
→ bipolar instruments



max. 600 V<sub>p</sub>

80-286-30-04 80-286-50-04  
3 m/10 ft. 5 m/16 ft.  
maxium® e-Version,  
ICC and ACC/VIO Erbe units  
→ bipolar instruments



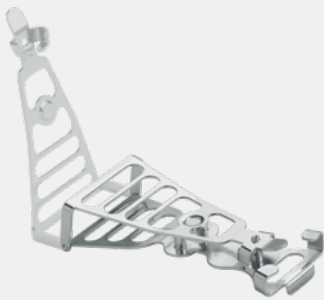
max. 600 V<sub>p</sub>

80-287-89-04 80-287-90-04  
3 m/10 ft. 5 m/16 ft.  
maxium® i-Version, ME MB 3 i-Version,  
ME MB 2 i-Version, Valleylab units  
→ bipolar instruments



max. 600 V<sub>p</sub>

80-287-72-04  
5 m/16 ft.  
Codman and Valleylab units  
→ bipolar instruments



80-570-00-04

Protector for instrument processing.  
We recommend using the protector  
for processing the scissors.

## Slim Line Slim model



80-571-18-04  
marCut® SL  
18 cm/7"



80-571-21-04  
marCut® SL  
21 cm/8 1/4"



80-571-23-04  
marCut® SL  
23 cm/9"



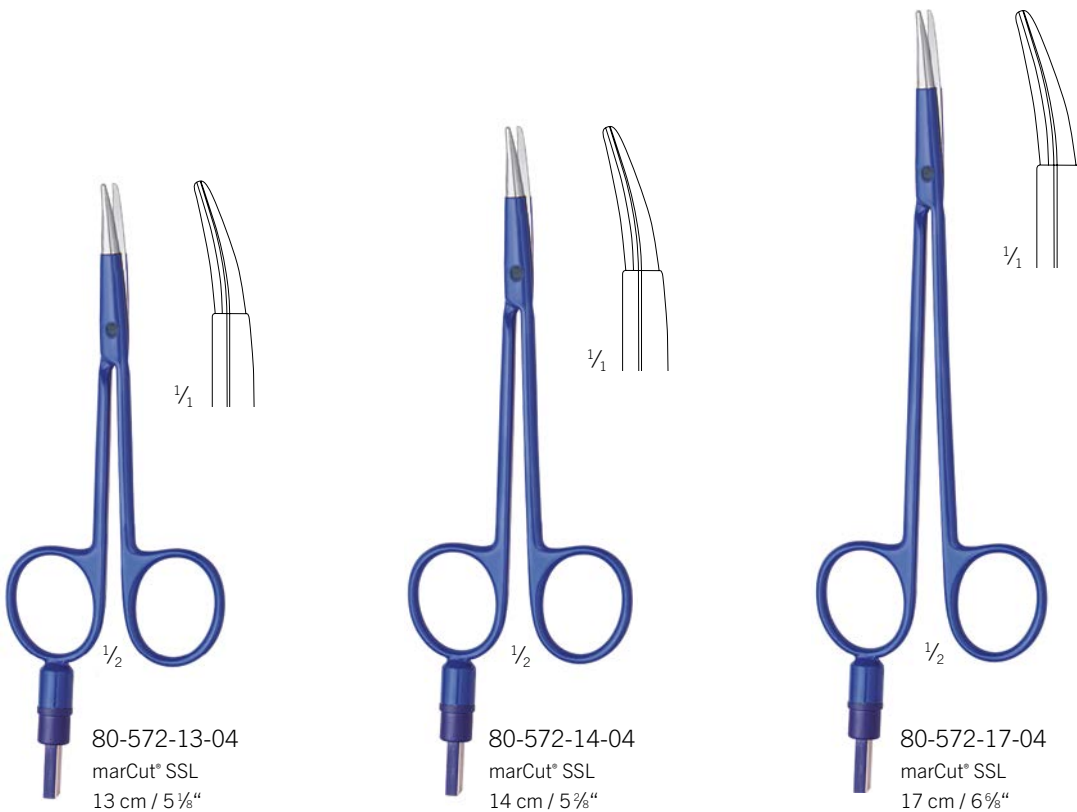
80-571-28-04  
marCut® SL  
28 cm/11"

## Types of Scissors and Connecting Cables

Different sizes give you choice – just the right instrument for the task at hand. We recommend using the protector (80-570-00-04) for processing the scissors.

Users can choose between the standard version and two versions of the slim model – the marCut® SL (Slim Line) and the new marCut® SSL (Super Slim Line).

### Super Slim Line Super slim model





80-287-33-04 80-287-53-04  
 3 m/10 ft. 5 m/16 ft.  
 KLS Martin and Berchtold units  
 → bipolar instruments



80-286-30-04 80-286-50-04  
 3 m/10 ft. 5 m/16 ft.  
 maxium® e-Version,  
 ICC and ACC/VIO Erbe units  
 → bipolar instruments



80-287-89-04 80-287-90-04  
 3 m/10 ft. 5 m/16 ft.  
 maxium® i-Version, ME MB 3 i-Version,  
 ME MB 2 i-Version, Valleylab units  
 → bipolar instruments



80-287-72-04  
 5 m/16 ft.  
 Codman and Valleylab units  
 → bipolar instruments



80-570-00-04  
 Protector for instrument processing.  
 We recommend using the protector  
 for processing the scissors.

Should you have any queries ...  
 ... we'll be glad to be at your Service!



Our HF Accessories Catalog  
 contains the complete range  
 of KLS Martin HF instruments

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 Hotline: ++49-7461-706-0

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