The KASSAM Range of Bipolar Forceps

for Bleeding Management

especially designed for Brain and Skull Base Surgery

acc. to Dr. Kassam, Dr. Snydermann
The KASSAM Range of Bipolar Forceps

Maintaining good hemostasis at all time is a constant preoccupation during brain and skull base surgeries. However, this concern becomes even more crucial during endoscopic procedures to keep constant visualization of the operative field in case of bleedings. As access to neurological lesions is minimized, the design of any instrument must be thought again to optimize safety and ergonomics.

Therefore, we have developed a new range of different bipolar forceps.

In this brochure we will outline and detail the features and benefits of each of the designs.

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Fig. 1:
The dissecting surgeon (DS) uses a binarial approach with the endoscope (E) in the right nostril. Here, a suction tube (S) is in the right nostril and a Take-Apart KASSAM Bipolar Forceps (BP) is introduced in the left nostril.
The KASSAM Range of Bipolar Forceps

Field of application:
- Microscopic Brain and Skull Base Surgery
- Endoscopic Pituitary Surgery
- Endoscopic Expanded Endonasal Surgery
- Endoscopic Transnasal Brain Surgery

Fig. 2: Intra-operative photograph demonstrating the TAKE-APART® KASSAM Bipolar Forceps being used to cauterize the superior intercavernous sinus (SIS) between the planum shenoidale (P) and the sella turcica (S).

Fig. 3: The anterior ethmoidal arteries (AEa) can be cauterized with TAKE-APART® KASSAM Bipolar Forceps. Right orbit (R-O), cribriform plate (CP).
The TAKE-APART® KASSAM Bipolar Forceps

Features and Benefits

The new TAKE-APART® KASSAM Bipolar Forceps has been redesigned to improve visualization of the instrument and enhance its function.

- **Various tip designs:**
  - Straight with pointed tips
  - Angled 45° upwards with horizontal and vertical closing

- **Low-profile dimensions**
  - Allows access to deep vessels without interfering with other instruments
  - 3.4 mm outer diameter
  - 20 cm long shaft

- **New double-shaft design**
  - With an inner sheath and an outer sheath: This means that the tips of the forceps don’t pull back while closing them. Instead, the inner sheath moves over the tips to close them, therefore the tips stay exactly at the same point – this allows for more exact and safer coagulation.

![Diagram of various tip designs and low-profile dimensions](image)
The TAKE-APART® KASSAM Bipolar Forceps

Features and Benefits

- **Jaws close vertically**
  - Parallel jaws close horizontally or vertically – in any position, the surgeon controls the opening and closure of the forceps.

- **Rotatable shaft and tip**
  - This allows precise coagulation in any direction with greatest surgeon comfort.

- **Distally angled 45° upwards**
  - This provides a better view of the instrument tip and an increased access around corners.

- **Short Jaws**
  - This leads to a more precise point of coagulation.

- **Insulation reaches far down the jaws**
  - This enables the surgeon to perform a safer coagulation.
The TAKE-APART® KASSAM Bipolar Forceps

Product Description

**KASSAM Uptoed Bipolar – 1 mm**

28164 BDM TAKE-APART® Bipolar Forceps, width 1 mm, delicate jaws, distally angled 45°, horizontal closing, outer diameter 3.4 mm, working length 20 cm, consisting of:
- 26284 HM Handle
- 26284 AS Outer Tube
- 26284 BS Inner Tube
- 28164 FGM Bipolar Insert

**KASSAM Uptoed Bipolar – 2 mm**

28164 BDD TAKE-APART® Bipolar Forceps, width 2 mm, distally angled 45°, horizontal closing, outer diameter 3.4 mm, working length 20 cm, consisting of:
- 26284 HM Handle
- 26284 AS Outer Tube
- 26284 BS Inner Tube
- 28164 FGD Bipolar Insert
The TAKE-APART® KASSAM Bipolar Forceps

Product Description

KASSAM  Sidewinder Bipolar

28164 BDL  TAKE-APART® Bipolar Forceps, width 1 mm, delicate jaws, distally angled 45°, vertical closing, outer diameter 3.4 mm, working length 20 cm, consisting of:

- 26284 HM  Handle
- 26284 AS  Outer Tube
- 26284 BS  Inner Tube
- 28164 FGL  Bipolar Insert

KASSAM  Arrow Tip, Fine Bipolar

26284 MPS  TAKE-APART® TAN Bipolar Forceps, straightforward, sharp, coaxial closing, size 3.4 mm, working length 20 cm, consisting of:

- 26284 HM  Handle
- 26284 AS  Outer Tube
- 26284 BS  Inner Tube
- 26184 PTS  Bipolar Insert
Bipolar High Frequency Cables
For the TAKE-APART® KASSAM Bipolar Forceps

26176 LE
Bipolar High Frequency Cable, for
KARL STORZ coagulator 26021 B/C/D,
860021 B/C/D, 27810 B/C/D, 28810 B/C/D
KARL STORZ AUTOCON®II range type B
50/200/350 and Erbe coagulator, T and ICC
series, length 300 cm

26176 L
Bipolar High Frequency Cable, with
2 x 4 mm banana-plug for KARL STORZ
coagulator 26020 XA/XB, length 300 cm

26176 LA
Bipolar High Frequency Cable, with
2 x 4 mm banana-plug for KARL STORZ
AUTOCON®II range type C 50/200/400,
KARL STORZ coagulators XA/XB, Bircher,
Bovie, Keymend, Mallis, Valleylab, Neomed
and Bard, length 300 cm

26176 LM
Bipolar High Frequency Cable, for
KARL STORZ AUTOCON®II range type A
50/200/400, Martin, Berchtold and Aesculap
coagulators (latest models), length 300 cm

26176 LV
Bipolar High Frequency Cable, for
KARL STORZ AUTOCON®II range type C
50/200/400, Valleylab and Bovie coagula-
tors, length 300 cm