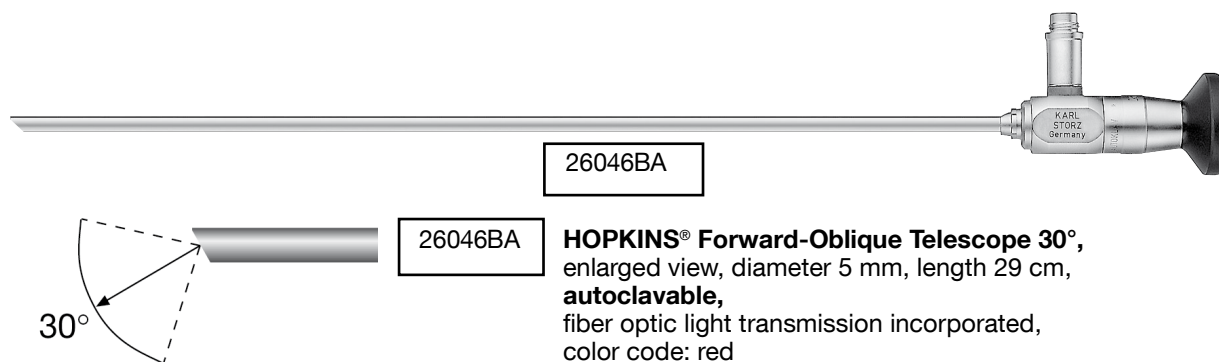
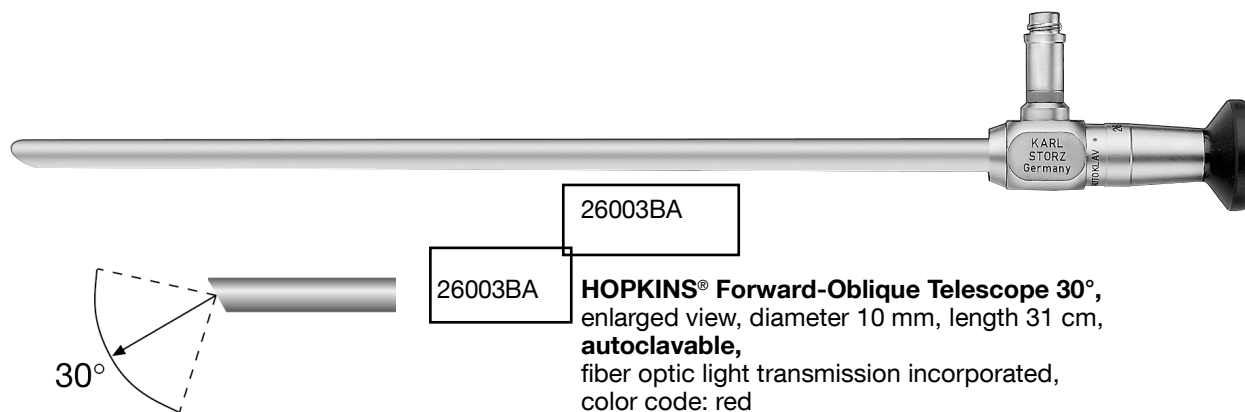
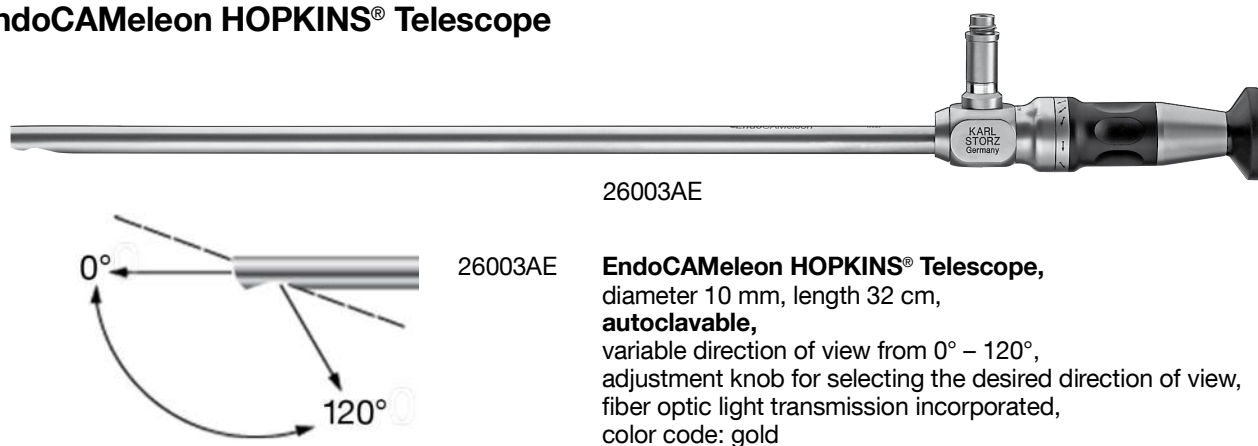


HOPKINS® Forward-Oblique Telescope 30°

diameter 10 mm, length 31 cm

diameter 5 mm, length 29 cm

**EndoCAMEleon HOPKINS® Telescope**

Fiber Optic Light Cables

for Cold Light Fountains



Fiber Optic Light Cable with Straight Connector

- 495 NE **Fiber Optic Light Cable**, diameter 4.8 mm, length 300 cm
- 495 NCS **Fiber Optic Light Cable**, extremely heat-resistant, diameter 4.8 mm, length 250 cm
- NEW** 495 NCSC **Fiber Optic Light Cable**, extremely heat-resistant, with safety locking device, diameter 4.8 mm, length 250 cm
- 495 NB **Fiber Optic Light Cable**, diameter 4.8 mm, length 180 cm
- 495 ND **Fiber Optic Light Cable**, diameter 3.5 mm, length 300 cm
- 495 NA **Fiber Optic Light Cable**, diameter 3.5 mm, length 230 cm
- NEW** 495 NAC **Fiber Optic Light Cable**, with safety locking device, diameter 3.5 mm, length 230 cm
- 495 NL **Fiber Optic Light Cable**, diameter 3.5 mm, length 180 cm
- 495 NTA **Fiber Optic Light Cable**, diameter 2.5 mm, length 230 cm
- 495 NT **Fiber Optic Light Cable**, diameter 2.5 mm, length 180 cm
- NEW** 495 TIP **Fiber Optic Light Cable**, highly heat resistant, diameter 4.8 mm, length 300 cm, optimized for 3D TIPCAM®1 and TIPCAM®



Fiber Optic Light Cable with 90° Deflection to the Light Source

- 495 NWL **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 300 cm
- 495 NWM **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 230 cm
- 495 NW **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 180 cm
- 495 NTX **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 2.5 mm, length 230 cm
- 495 NTW **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 2.5 mm, length 180 cm



495 NVC



495 NV/NVL/NVB

Fiber Optic Light Cable with 90° Deflection to the Instrument

- NEW** 495 NVC **Fiber Optic Light Cable**, with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm
- 495 NVB **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 4.8 mm, length 300 cm
- 495 NVL **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 3.5 mm, length 300 cm
- 495 NV **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 3.5 mm, length 230 cm



Light Adaptor, angled 90°

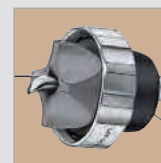
- 495 EW **Light Adaptor**, angled 90°, diameter 4.8 mm, free rotatable, to connect with standard telescopes

Adaptor for connecting KARL STORZ fiber optic light cables with endoscopes and light sources from other manufacturers, see page TP 132

Trocars

Size 6 mm

For use with instruments size 5 mm



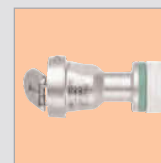
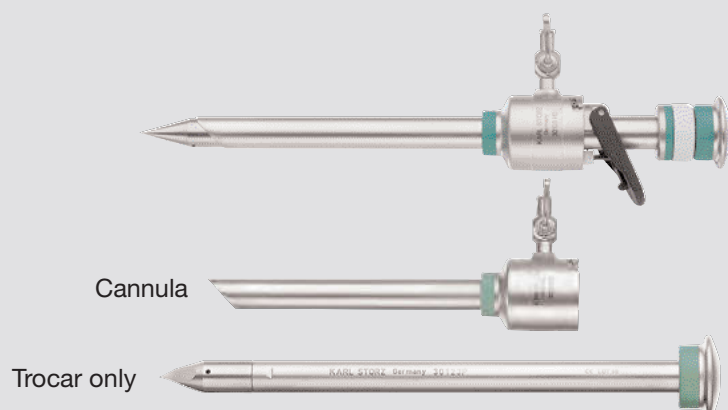
Size:		6 mm	
Working length:		8.5 cm	10.5 cm
Color code:		black-white	black
	Trocar , with conical tip including: Cannula , with LUER-Lock connector Trocar only Silicone Leaflet Valve	30160 GYM	30160 GC
		30160 G2	30160 G1
		30160 Y	30160 C
		30160 L1	30160 L1
	Trocar , with pyramidal tip including: Cannula , with LUER-Lock connector Trocar only Silicone Leaflet Valve	30160 GZM	30160 GP
		30160 G2	30160 G1
		30160 Z	30160 P
		30160 L1	30160 L1
	Trocar , with blunt tip including: Cannula , with LUER-Lock connector Trocar only Silicone Leaflet Valve	30160 GXM	30160 GA
		30160 G2	30160 G1
		30160 X	30160 A
		30160 L1	30160 L1
	Trocar including: Cannula , with LUER-Lock connector Trocar only Silicone Leaflet Valve	—	30160 GB
			30160 G1
			30160 B
			30160 L1

Further Trocars see catalog LAPAROSCOPY

Trocars

Size 11 mm

For use with instruments and telescopes diameter 10 mm



Multifunctional valve



Automatic valve

Size:		11 mm			
Working length:		8.5 cm	10.5 cm	8.5 cm	10.5 cm
Color code:		green-white	green	green-white	green
		Multifunctional Valve		Automatic Valve	
	Trocar, with conical tip including: Cannula Trocar only Ventil	30103 WY	30103 MC	30103 FY	30103 AC
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 Y	30103 C	30103 Y	30103 C
		30103 M1	30103 M1	30103 A1	30103 A1
	Trocar, with pyramidal tip including: Cannula Trocar only Ventil	30103 WZ	30103 MP	30103 FZ	30103 AP
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 Z	30103 P	30103 Z	30103 P
		30103 M1	30103 M1	30103 A1	30103 A1
	Trocar, with blunt tip including: Cannula Trocar only Ventil	30103 WX	30103 MA	30103 FX	30103 AA
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 X	30103 A	30103 X	30103 A
		30103 M1	30103 M1	30103 A1	30103 A1
	MOTSON Trocar, with conical, blunt tip including: Cannula Trocar only Ventil	—	30103 MMO	—	30103 AMO
			30103 H2		30103 H2
			30103 MO		30103 MO
			30103 M1		30103 A1
	Trocar including: Cannula Trocar only Ventil	—	30103 WSB	—	30103 FSB
			30103 H2		30103 H2
			30103 SB		30103 SB
			30103 M1		30103 A1

Telescopes for use with trocars size 11 mm see pages 27, 30 and 34-35
Dilation Sleeves see page 74, Accessories for Trocars see pages 72-73
Components/Spare Parts see chapter 18

Accessories

Reduction Sleeves/Extractors and Reducers

Reduction Sleeves/Extractors



30140 DB

Instrument Diameter	Outer Diameter of Trocar Cannula – Color Code					
	6 mm black	11 mm green	12 mm white	13 mm black	15 mm	22 mm
3 mm	30140 KA	30140 DA	–	–	–	–
5 mm	–	30140 DB	30140 EB	30140 HB	30140 FB	30140 GB
8 mm	–	30140 DD	–	–	–	–
10 mm	–	–	30140 EE	30140 HE	30140 FE	30140 GE

Reducers, for use with trocars with automatic valves and TERNAMIAN EndoTIP cannulas with automatic valves



30141 AA



30141 DB

30141 AA	Reducer, 6/3 mm
30141 DB	Same, 11/5 mm
30141 HB	Same, 13/5 mm and 13.5/5 mm
30141 HE	Same, 13/10 mm

Double Reducer



30142 HB

30142 HB	Double Reducer, 13/10 mm, 13.5/10 mm, 13/5 mm and 13.5/5 mm
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Reducers, for use with trocars with silicone leaflet valves and TERNAMIAN EndoTIP cannulas with silicone leaflet valves

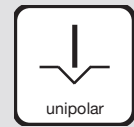


30160 RE

30160 RE	Reducer, 6/3 mm
30103 RE	Same, 11/5 mm

Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling, insulated,
with connector pin for unipolar coagulation



Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33151	33152	33153	33156	33121	33125	33149
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 MH	33251 MH	33252 MH	33253 MH	33256 MH	33221 MH	33225 MH	33249 MH
33310 MH	33351 MH	33352 MH	33353 MH	33356 MH	33321 MH	33325 MH	33349 MH



CLICK'linē Dissecting and Grasping Forceps, atraumatic

33210 DF	33251 DF	33252 DF	33253 DF	33256 DF	33221 DF	33225 DF	33249 DF
33310 DF	33351 DF	33352 DF	33353 DF	33356 DF	33321 DF	33325 DF	33349 DF
33410 DF	33451 DF	33452 DF	33453 DF	33456 DF	33421 DF	33425 DF	33449 DF



CLICK'linē Dissecting and Grasping Forceps, atraumatic

33210 DN	33251 DN	33252 DN	33253 DN	33256 DN	33221 DN	33225 DN	33249 DN
33310 DN	33351 DN	33352 DN	33353 DN	33356 DN	33321 DN	33325 DN	33349 DN
33410 DN	33451 DN	33452 DN	33453 DN	33456 DN	33421 DN	33425 DN	33449 DN



CLICK'linē Dissecting and Grasping Forceps, “dolphin nose”

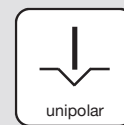
33210 KJ	33251 KJ	33252 KJ	33253 KJ	33256 KJ	33221 KJ	33225 KJ	33249 KJ
33310 KJ	33351 KJ	33352 KJ	33353 KJ	33356 KJ	33321 KJ	33325 KJ	33349 KJ
33410 KJ	33451 KJ	33452 KJ	33453 KJ	33456 KJ	33421 KJ	33425 KJ	33449 KJ



CLICK'linē REDDICK-OLSEN Dissecting and Grasping Forceps

Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling, insulated,
with connector pin for unipolar coagulation



Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

5 mm

Length	Handle						
	33151	33152	33153	33156	33121	33125	33149
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 MD	33251 MD	33252 MD	33253 MD	33256 MD	33221 MD	33225 MD	33249 MD
33310 MD	33351 MD	33352 MD	33353 MD	33356 MD	33321 MD	33325 MD	33349 MD
33410 MD	33451 MD	33452 MD	33453 MD	33456 MD	33421 MD	33425 MD	33449 MD



CLICK'linē KELLY Dissecting and Grasping Forceps

33210 ML	33251 ML	33252 ML	33253 ML	33256 ML	33221 ML	33225 ML	33249 ML
33310 ML	33351 ML	33352 ML	33353 ML	33356 ML	33321 ML	33325 ML	33349 ML
33410 ML	33451 ML	33452 ML	33453 ML	33456 ML	33421 ML	33425 ML	33449 ML



CLICK'linē KELLY Dissecting and Grasping Forceps, long

33310 DK	33351 DK	33352 DK	33353 DK	33356 DK	33321 DK	33325 DK	33349 DK
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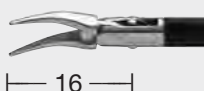
CLICK'linē DeBAKEY Grasping Forceps,
curved and slender jaws, atraumatic

33310 UY	33351 UY	33352 UY	33353 UY	33356 UY	33321 UY	33325 UY	33349 UY
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CLICK'linē UYAMA Dissecting and Grasping Forceps,
long jaws, with reservoir, fine, for dissection

33310 NO	33351 NO	33352 NO	33353 NO	33356 NO	33321 NO	33325 NO	33349 NO
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CLICK'linē NOSHIRO Dissecting and Grasping Forceps,
short jaws, fine, for dissection

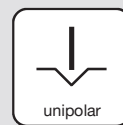
Dissecting and Grasping Forceps

CLICK'line – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**, for
use with telescopes with inbuilt working
channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Double action jaws

Working Insert	Complete Instrument					
33210 R	33251 R	33252 R	33253 R	33256 R	33221 R	33249 R
33310 R	33351 R	33352 R	33353 R	33356 R	33321 R	33349 R
33410 R	33451 R	33452 R	33453 R	33456 R	33421 R	33449 R



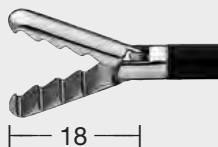
CLICK'line Dissecting and Grasping Forceps, with right-angled jaws

33210 UL	33251 UL	33252 UL	33253 UL	33256 UL	33221 UL	33249 UL
33310 UL	33351 UL	33352 UL	33353 UL	33356 UL	33321 UL	33349 UL
33410 UL	33451 UL	33452 UL	33453 UL	33456 UL	33421 UL	33449 UL



CLICK'line REDDICK-OLSEN Dissecting and Grasping Forceps, robust

33210 HM	33251 HM	33252 HM	33253 HM	33256 HM	33221 HM	33249 HM
33310 HM	33351 HM	33352 HM	33353 HM	33356 HM	33321 HM	33349 HM
33410 HM	33451 HM	33452 HM	33453 HM	33456 HM	33421 HM	33449 HM



CLICK'line Dissecting and Grasping Forceps, "alligator jaws"

Dissecting and Grasping Forceps

CLICK'line – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

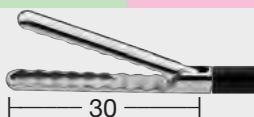
Single action jaws

Working Insert	Complete Instrument					
33210 ON	33251 ON	33252 ON	33253 ON	33256 ON	33221 ON	33249 ON
33310 ON	33351 ON	33352 ON	33353 ON	33356 ON	33321 ON	33349 ON
33410 ON	33451 ON	33452 ON	33453 ON	33456 ON	33421 ON	33449 ON



CLICK'line Grasping Forceps, with fine atraumatic serration, fenestrated

33210 LF	33251 LF	33252 LF	33253 LF	33256 LF	33221 LF	33249 LF
33310 LF	33351 LF	33352 LF	33353 LF	33356 LF	33321 LF	33349 LF
33410 LF	33451 LF	33452 LF	33453 LF	33456 LF	33421 LF	33449 LF



CLICK'line Grasping Forceps, atraumatic, with hollow jaws

33210 CC	33251 CC	33252 CC	33253 CC	33256 CC	33221 CC	33249 CC
33310 CC	33351 CC	33352 CC	33353 CC	33356 CC	33321 CC	33349 CC
33410 CC	33451 CC	33452 CC	33453 CC	33456 CC	33421 CC	33449 CC



CLICK'line CROCE-OLMI Grasping Forceps, atraumatic, fenestrated, curved

Dissecting and Grasping Forceps

CLICK'line – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Single action jaws

Working Insert	Complete Instrument					
33310 SN	33351 SN	33352 SN	33353 SN	33356 SN	33321 SN	33349 SN
	CLICK'line SCHNEIDER Lymph Node Grasping Forceps, atraumatic					
33310 DY	33351 DY	33352 DY	33353 DY	33356 DY	33321 DY	33349 DY
33410 DY	33451 DY	33452 DY	33453 DY	33456 DY	33421 DY	33449 DY
	CLICK'line DeBAKEY Grasping Forceps, atraumatic					
33310 WT	33351 WT	33352 WT	33353 WT	33356 WT	33321 WT	33349 WT
	CLICK'line Grasping Forceps, atraumatic					
33210 BA	33251 BA	33252 BA	33253 BA	33256 BA	33221 BA	33249 BA
33310 BA	33351 BA	33352 BA	33353 BA	33356 BA	33321 BA	33349 BA
33410 BA	33451 BA	33452 BA	33453 BA	33456 BA	33421 BA	33449 BA
	CLICK'line BABCOCK Grasping Forceps, atraumatic, jaws with multiple teeth, fenestrated					

Dissecting and Grasping Forceps

CLICK^{line} – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**

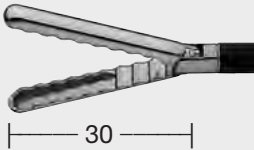
Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
36 cm						
43 cm						

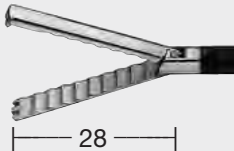
Double action jaws

Working Insert	Complete Instrument					
33310 LFD	33351 LFD	33352 LFD	33353 LFD	33356 LFD	33321 LFD	33349 LFD
33410 LFD	33451 LFD	33452 LFD	33453 LFD	33456 LFD	33421 LFD	33449 LFD



CLICK^{line} Grasping Forceps, atraumatic, hollow jaws

33310 WTD	33351 WTD	33352 WTD	33353 WTD	33356 WTD	33321 WTD	33349 WTD
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CLICK^{line} Grasping Forceps, atraumatic

33310 DYD	33351 DYD	33352 DYD	33353 DYD	33356 DYD	33321 DYD	33349 DYD
33410 DYD	33451 DYD	33452 DYD	33453 DYD	33456 DYD	33421 DYD	33449 DYD



CLICK^{line} DeBAKEY Grasping Forceps, atraumatic

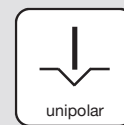
33310 CG	33351 CG	33352 CG	33353 CG	33356 CG	33321 CG	33349 CG
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CLICK^{line} Dissecting and Grasping Forceps, atraumatic, hollow jaws

Dissecting and Grasping Forceps

CLICK'liné – rotating, dismantling, insulated,
with connector pin for unipolar coagulation



Size 5 mm

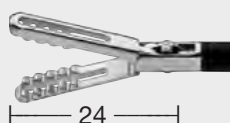
Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33151	33152	33153	33156	33121	33125	33149
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 AF	33251 AF	33252 AF	33253 AF	33256 AF	33221 AF	33225 AF	33249 AF
33310 AF	33351 AF	33352 AF	33353 AF	33356 AF	33321 AF	33325 AF	33349 AF
33410 AF	33451 AF	33452 AF	33453 AF	33456 AF	33421 AF	33425 AF	33449 AF



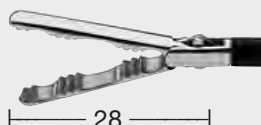
CLICK'liné Grasping Forceps, atraumatic, fenestrated

33310 OD	33351 OD	33352 OD	33353 OD	33356 OD	33321 OD	33325 OD	33349 OD
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CLICK'liné Grasping Forceps, fenestrated,
with especially fine atraumatic serration

33310 FG	33351 FG	33352 FG	33353 FG	33356 FG	33321 FG	33325 FG	33349 FG
33410 FG	33451 FG	33452 FG	33453 FG	33456 FG	33421 FG	33425 FG	33449 FG



CLICK'liné Grasping Forceps, atraumatic

33210 D	33251 D	33252 D	33253 D	33256 D	33221 D	33225 D	33249 D
33310 D	33351 D	33352 D	33353 D	33356 D	33321 D	33325 D	33349 D



CLICK'liné Grasping Forceps, atraumatic, spoon-shaped, with multiple teeth

33310 K	33351 K	33352 K	33353 K	33356 K	33321 K	33325 K	33349 K
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CLICK'liné Grasping Forceps, atraumatic, fenestrated

ROBI® Bipolar Grasping Forceps

rotating, dismantling, with connector pin for bipolar coagulation,
CLERMONT-FERRAND Model

Size 5 mm



Operating instruments, length 36 cm,
for use with trocars, size 6 mm

Outer Sheath	Handle
	38151
Length 36 cm	

Single action jaws

Working Insert	Complete Instrument
38610 CS  16	38651 CS ROBI® Grasping Forceps , CLERMONT-FERRAND model, narrow jaws, for dissection, grasping and bipolar coagulation of fine structures
38610 CL  12	38651 CL ROBI® Grasping Forceps , CLERMONT-FERRAND model, wide jaws, for dissection, grasping and bipolar coagulation of large vessels and tissue layers
38610 KL  19	38651 KL ROBI® Grasping Forceps , CLERMONT-FERRAND model, flat jaws, for dissection, grasping and bipolar coagulation
38610 KF  14	38651 KF ROBI® Grasping Forceps , CLERMONT-FERRAND model, flat jaws, fenestrated, for dissection, grasping and bipolar coagulation

Double action jaws

38610 OM  18	38651 OM ROBI® Grasping Forceps , CLERMONT-FERRAND model, with fine atraumatic serration, fenestrated jaws, with large proximal recess
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Please note:
For the instrument only the **individual component parts** are numbered. The catalog number for the **complete instrument** is not on the instrument. Please take this number from the numbers indicated in the **red** background of the table above. The color **green** indicates the working inserts.
Bipolar High Frequency Cords see accessories on page 151

ROBI® Bipolar Grasping Forceps ^{NEW}

rotating, dismantling, with connector pin for bipolar coagulation,
CLERMONT-FERRAND model

STORZ
KARL STORZ — ENDOSKOPE

Size 5 mm



Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Outer Sheath	Handle
	38151
Length 36 cm	
Length 43 cm	

Double action jaws

Working insert	Complete Instrument
38610 ON	38651 ON
38710 ON	38751 ON
 18	ROBI® Grasping Forceps , CLERMONT-FERRAND model, fenestrated, with especially fine atraumatic serration
38610 WA	38651 WA
 19	ROBI® WATTIEZ Grasping Forceps , with multiple teeth, for atraumatic and accurate grasping
38610 MD	38651 MD
38710 MD	38751 MD
 19	ROBI® KELLY Dissecting and Grasping Forceps , CLERMONT-FERRAND model, especially suitable for dissection
38610 ML	38651 ML
 24	ROBI® KELLY Dissecting and Grasping Forceps , CLERMONT-FERRAND model, especially suitable for dissection
38610 MA	38651 MA
 24	ROBI® MALZONI Dissecting and Grasping Forceps , especially suitable for dissection

Please note:

For the instrument only the **individual component parts** are numbered. The catalog number for the **complete instrument** is not on the instrument. Please take this number from the numbers indicated in the **red** background of the table above. The color **green** indicates the working inserts.

Bipolar High Frequency Cords see accessories page 158

2-15

Accessories

Unipolar High Frequency Cords

Unipolar High Frequency Cords



KARL STORZ High Frequency
Instrument Surgical Units

	26002 M	Unipolar High Frequency Cord , with 4 mm plug for models KARL STORZ, Erbe type T, older models and Ellman, length 300 cm
	26004 M	Unipolar High Frequency Cord , with 4 mm plug for models Berchtold and Martin, length 300 cm
	26005 M	Unipolar High Frequency Cord , with 5 mm plug for AUTOCON® II 400 SCB system (111, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, KARL STORZ AUTOCON® system (50, 200, 350) and Erbe type ICC, length 300 cm
	26006 M	Unipolar High Frequency Cord , with 8 mm plug for models KARL STORZ AUTOCON® II 400 SCB system (112, 116) and Valleylab, length 300 cm

Please note: All high frequency cords of this page are delivered with a length of 300 cm. If a length of 500 cm is requested please add letter **L** to the part number, e. g. 26002 **ML**, 26176 **LVL**.

Skull Base and Endoscopic Pituitary Surgery

Accessories, High Frequency Cords,
for use with TAKE-APART® bipolar forceps

Bipolar High Frequency Cords

KARL STORZ
Instrument

High Frequency
Surgical Units



	26176 LE	Bipolar High Frequency Cord , for AUTOCON® II 400 SCB system (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, KARL STORZ Coagulator 26021 B/C/D, 860021 B/C/D, 27810 B/C/D, 28810 B/C/D, AUTOCON® system (50, 200, 350), Erbe-Coagulator, T and ICC series, length 300 cm
	26176 LM	Bipolar High Frequency Cord , for Martin and Berchtold coagulators, length 300 cm
	26176 L	Bipolar High Frequency Cord , with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Ellman, length 300 cm
	26176 LA	Bipolar High Frequency Cord , with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Valleylab, length 300 cm
	26176 LV	Bipolar High Frequency Cord , for KARL STORZ AUTOCON® II 400 SCB system (112, 114, 116, 122, 125) and Valleylab coagulators, length 300 cm

High Frequency Surgical Units AUTOCON® see chapter 12

Scissors

CLICK'linē – rotating, dismantling,
with and without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 30, 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle					
	33151	33121	33149	33161	33131	33147
30 cm						
36 cm						
43 cm						

Double action jaws

Working Insert	Complete Instrument					
34210 MS	34251 MS	34221 MS	34249 MS	34261 MS	34231 MS	34247 MS
34310 MS	34351 MS	34321 MS	34349 MS	34361 MS	34331 MS	34347 MS
34410 MS	34451 MS	34421 MS	34449 MS	34461 MS	34431 MS	34447 MS



CLICK'linē METZENBAUM Scissors, curved

34210 MA	34251 MA	34221 MA	34249 MA	34261 MA	34231 MA	34247 MA
34310 MA	34351 MA	34321 MA	34349 MA	34361 MA	34331 MA	34347 MA
34410 MA	34451 MA	34421 MA	34449 MA	34461 MA	34431 MA	34447 MA



CLICK'linē Scissors, serrated blades, spoon-shaped, curved

34210 MW	34251 MW	34221 MW	34249 MW	34261 MW	34231 MW	34247 MW
34310 MW	34351 MW	34321 MW	34349 MW	34361 MW	34331 MW	34347 MW
34410 MW	34451 MW	34421 MW	34449 MW	34461 MW	34431 MW	34447 MW



CLICK'linē Scissors, serrated, curved, conical

34210 MD	34251 MD	34221 MD	34249 MD	34261 MD	34231 MD	34247 MD
34310 MD	34351 MD	34321 MD	34349 MD	34361 MD	34331 MD	34347 MD



CLICK'linē Scissors, straight

Single-use Scissors

CLICK'line® – rotating, dismantling

Size 5 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**



Special Features:

- Scissor blades are always sharp
- Sterile packed for immediate use in the OR
- Proven scissor blade design
- Compatible with all handles from the CLICK'line® series (without ratchet)
- Cost-effective solution: “single-use meets reusable”



The single-use scissors are delivered in packages of 10 in a **dispenser box** with instructions for use.



Each scissors insert with outer sheath, including 3 patient labels, are sterile packed in an **individual blister pack**.



34310 MA-D



34310 MA-D CLICK'line® Scissors Insert with Outer Sheath, curved, double action jaws, spoon-shaped jaws, size 5 mm, length 36 cm, sterile, for single use, package of 10



34310 MS-D CLICK'line® METZENBAUM Scissors Insert with Outer Sheath, curved, double action jaws, size 5 mm, length 36 cm, sterile, for single use, package of 10

Scissors and Cutting-Coagulation Forceps

CLICK*line* – rotating, dismantling,
with and without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30, 36 and 43 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle						
	33151	33121	33125	33149	33161	33131	33147
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
34310 SA	34351 SA	34321 SA	34325 SA	34349 SA	34361 SA	34331 SA	34347 SA
	CLICK <i>line</i> SHAWKI Duo, cutting-coagulation forceps, "dolphin nose"						
34310 SO	34351 SO	34321 SO	34325 SO	34349 SO	34361 SO	34331 SO	34347 SO
	CLICK <i>line</i> SHAWKI Duo, cutting-coagulation forceps, right-angled jaws						

Single action jaws

34310 MT	34351 MT	34321 MT	34325 MT	34349 MT	34361 MT	34331 MT	34347 MT
	CLICK <i>line</i> Scissors, serrated						
34210 EH	34251 EH	34221 EH	34225 EH	34249 EH	34261 EH	34231 EH	34247 EH
34310 EH	34351 EH	34321 EH	34325 EH	34349 EH	34361 EH	34331 EH	34347 EH
34410 EH	34451 EH	34421 EH	34425 EH	34449 EH	34461 EH	34431 EH	34447 EH
	CLICK <i>line</i> Hook Scissors						
34210 EK	34251 EK	34221 EK	34225 EK	34249 EK	34261 EK	34231 EK	34247 EK
34310 EK	34351 EK	34321 EK	34325 EK	34349 EK	34361 EK	34331 EK	34347 EK
34410 EK	34451 EK	34421 EK	34425 EK	34449 EK	34461 EK	34431 EK	34447 EK
	CLICK <i>line</i> Hook Scissors, jaws not crossing						

5 mm

Coagulation and Dissection Electrodes

without suction channel, insulated sheath,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use with **trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Instrument
30 cm	
36 cm	
43 cm	

Distal Tip	Instrument	
	26772 UF	Coagulation and Dissection Electrode, L-shaped
	26775 UF	
	26778 UF	
	26775 UE	Coagulation and Dissection Electrode, spatula-shaped, blunt
	26778 UE	
	26775 S	Coagulation and Dissection Electrode, knife-shaped
	26775 R	MANGESHIKAR Coagulation Electrode, with ball end

Special Features:

- The hook electrode is suitable for resection, insulating structures as well as dissection and coagulation.
 - The distal tip is semicircular: The thick outer curvature enables safe dissection.
- The thin inner curvature enables fast work with minimal coagulation.
 - The striated handle allows easier gripping.
 - The hook length enables ergonomic work.

Length	Instrument
36 cm	
43 cm	

Distal Tip	Instrument	
	26775 C	CADIERE Coagulation and Dissection Electrode, L-shaped, with cm-marking, distal tip tapered
	26775 CL	

Units for use with Coagulation and Dissection Electrodes see chapter 20, UNITS

The distal end of the liver retractor can be activated by rotation of the proximal part of the handle. The retractor is introduced into the peritoneal cavity in its straight, unactivated form. Once inside the abdomen, the distal end is closed with the help of forceps and slipped under the liver. The liver can be safely held clear of the

operative site in this manner for extended periods of time.

This instrument was developed in conjunction with Professor Sir Alfred Cuschieri and his staff at the University of Dundee.

Special Features:

- Retraction of the liver for extended periods of time
- Dismantling for cleaning purposes

Size 5 mm

Operating instrument, **length 36 cm**,
for use **with trocars size 6 mm**



30623 U

CUSCHIERI **Retractor**, size 5 mm, length
36 cm, contact surface approx. 21 cm²

Size 10 mm

Operating instrument, **length 36 cm**,
for use **with trocars size 11 mm**



30623 UR

30623 UR

CUSCHIERI **Retractor**, size 10 mm, length
36 cm, contact surface approx. 14 cm²



30623 URL

30623 URL

CUSCHIERI **Retractor**, large contact surface, size
10 mm, length 36 cm, contact surface approx. 30 cm²

Components/Spare Parts see chapter 18

KOH Macro Needle Holders

Size 5 mm

Operating instruments, **lengths 33 and 43 cm**,
for use **with trocars size 6 mm**

The ergonomic properties of the new 5 mm KOH macro needle holder allow precise holding of the needles and the thread. The precision branches and the new locking mechanism enable easy and precise guidance of the needle with threads of thickness from 0/0 to 7/0.

The KOH ultramicro instrument set has been developed specifically to meet the high demands of laparoscopic microsurgery and is designed to suture structures as small as 0.5 mm.

Special Features:

- **Tungsten carbide inserts for firm and reliable needle positioning, as well as long durability**
 - **Ease of operation, precise adjustable ratchet for easy and safe positioning of the needle**
- **Ergonomically designed handle for relaxed working**

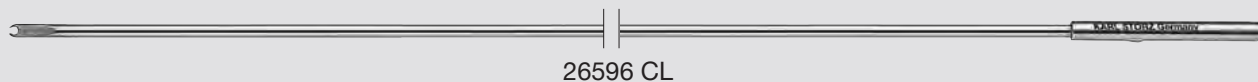
Length	Instrument
33 cm	
43 cm	

Distal tip	Instrument	
	26173 KAF	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position right, jaws straight
	26178 KAF	
	26173 KAL	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position right, jaws curved to left
	26178 KAL	
	26173 KAR	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position left, jaws curved to right
	26178 KAR	

Knot Tiers

Size 5 mm

Operating instruments, **lengths 36 and 46 cm**,
for use **with trocars size 6 or 11 mm with reduction sleeves**

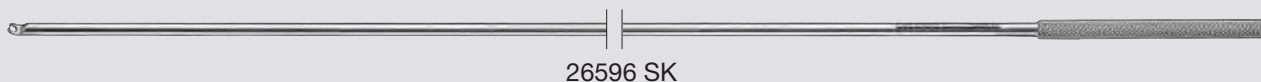


26596 CL



26596 CL

CICE Knot Tier, CLERMONT-FERRAND model,
for extracorporeal knotting, size 5 mm, length 36 cm



26596 SK



26596 SK

KÖCKERLING Knot Tier, for extracorporeal knotting,
size 5 mm, length 36 cm

26596 SKL

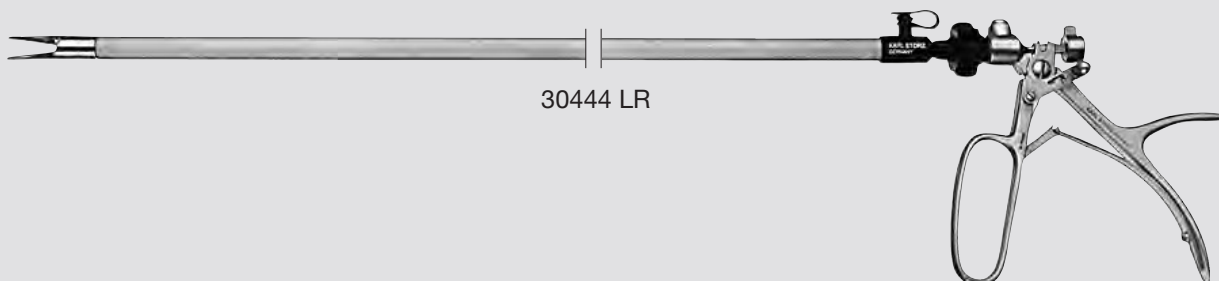
Same, length 46 cm

Applicators for Titanium Clips

dismantling, rotating

Size 10 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 11 mm**



30444 LR



30444 LR

Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for PILLING-WECK Titanium Clips 30460 AL (medium-large), with ratchet to lock the jaw holding the clip

including:

Metal Handle, with ratchet

Metal Outer Sheath

Clip Applicator Insert



actual size

30460 AL

PILLING-WECK **Titanium Clips**, medium-large, box with 16 sterile cartridges, 10 clips each, for use with Clip Applicator 30444 LR



30444 GA

Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for PILLING-WECK Titanium Clips 30460 AP (medium), with ratchet to lock the jaw holding the clip

including:

Metal Handle, with ratchet

Metal Outer Sheath

Clip Applicator Insert



actual size

30460 AP

PILLING-WECK **Titanium Clip**, medium, box with 10 sterile cartridges, 25 clips each, for use with Clip Applicator 30444 GA



30444 ET

Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for Ethicon Titanium Clips LT-300 (medium-large), with ratchet to lock the jaw holding the clip

including:

Metal Handle, with ratchet

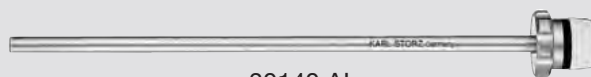
Metal Outer Sheath

Clip Applicator Insert

Caution:

The use of clips other than those indicated can lead to damage of the jaws.

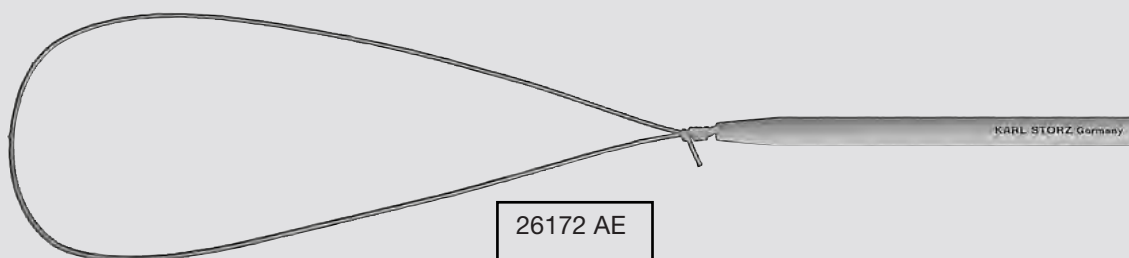
Components/Spare Parts see chapter 21



30140 AL

30140 AL

Applicator, for endo-ligature of bleeding vessels and for application of 3 mm needle holders in trocar size 6 mm, color code: black



26172 AE

26172 AE

Endo-Loop Ligature, with ROEDER knot, for bleeding stumps, with absorbable synthetic suture, sterile, for single use, USP 0, size 3 mm, length 33 cm, package of 12



Handles for Suction and Irrigation



30804

Handle with Trumpet Valve, for suction or irrigation, **autoclavable**, for use with 5 mm coagulation suction tubes as well as 3, 3.5 and 5 mm suction and irrigation tubes



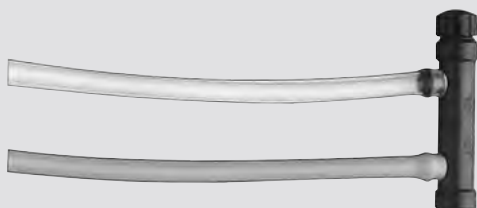
30805

Handle with Two-Way Stopcock, for suction and irrigation, **autoclavable**, for use with suction and irrigation tubes size 3, 3.5 and 5 mm



30810

Handle, for suction and irrigation, **autoclavable**, for use with 5 mm coagulation suction tubes as well as 3, 3.5 and 5 mm suction and irrigation tubes



30811

Silicone Tubing Set, autoclavable, for use with Handle 30810

031132-10*

Tubing Set, sterile, for single use, package of 10, for use with Handle 30810



Suction and Irrigation Tubes

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel **and trocars size 6 mm**

Length	Instrument
30 cm	
36 cm	
43 cm	

Distal End	Instrument	
	26172 BN	Suction and Irrigation Tube , anti-reflex surface, with lateral holes, with two-way stopcock for single-hand control
	26173 BN	
	26174 BN	
	26173 BL	Suction and Irrigation Tube , anti-reflex surface, with two-way stopcock for single hand control, with two female LUER-lock connectors
	26173 BK	Suction and Irrigation Tube , anti-reflex surface, with protection basket, with two-way stopcock for single hand control

Size 10 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 11 mm**

Length	Instrument
36 cm	

Distal End	Instrument	
	37560 LH	Suction and Irrigation Tube , with lateral holes

Please note:

Handles for use with Suction and Irrigation Tubes see pages 242-247

Units for use with Handles for Suction and Irrigation see chapter 20, UNITS