



05E-001/005

g mm		ø inch
13,0	05E-001	1/2
16,0	05E-002	5/8
19,0	05E-003	3/4
22,0	05E-004	7/8
25,0	05E-005	1

05E-001/005 Gait Trepphine, mit abnehmbarem Griff.

Gait Trepphine, with removable handle.

05E-006 Krone extra, 13 mm
Crown only, 1/2"

05E-007 Krone extra, 16 mm
Crown only, 5/8"

05E-008 Krone extra, 19 mm
Crown only, 3/4"

05E-009 Krone extra, 22 mm
Crown only, 7/8"

05E-010 Krone extra, 25 mm
Crown only, 1"



05E-012

05E-012 De Martel Einführungssonde für Gigli-Sägen, 35,0 cm

De Martel Guide for Gigli Saws, 13 3/4"

Aspirationskanülen
Suction Tubes


Frazier


 Adson
05E-013
ø 12 Fr.
21,0 cm

ø Fr.	Gesamt Länge total length 18 cm	Gesamt Länge total length 20 cm
6	05E-031.18	05E-031.20
7	05E-032.18	
8	05E-033.18	05E-033.20
9	05E-034.18	
10	05E-035.18	05E-035.20
11	05E-036.18	
12	05E-037.18	05E-037.20
14	05E-038.18	
15	05E-039.18	

05E-014/021 Frazier Saugkanüle, mit
Mandrin und Unterbrecher,
∅ 2,0 – 4,0 mm, 17,0 cm

Frazier Suction Tube, with
mandrel and finger valves,
∅ 6 – 12 Fr., 6³/₄"



05E-014/021

∅ mm	Nr. SS	∅ Fr.
2,0	05E-014	6
2,5	05E-015	8
3,3	05E-016	10
4,0	05E-017	12

LAMINEKTOMIE ZANGEN – LAMINECTOMY RONGEURS
 PINZAS CORTANTES PARA LAMINECTOMIA – PINCE POUR HERNIE DISCALE

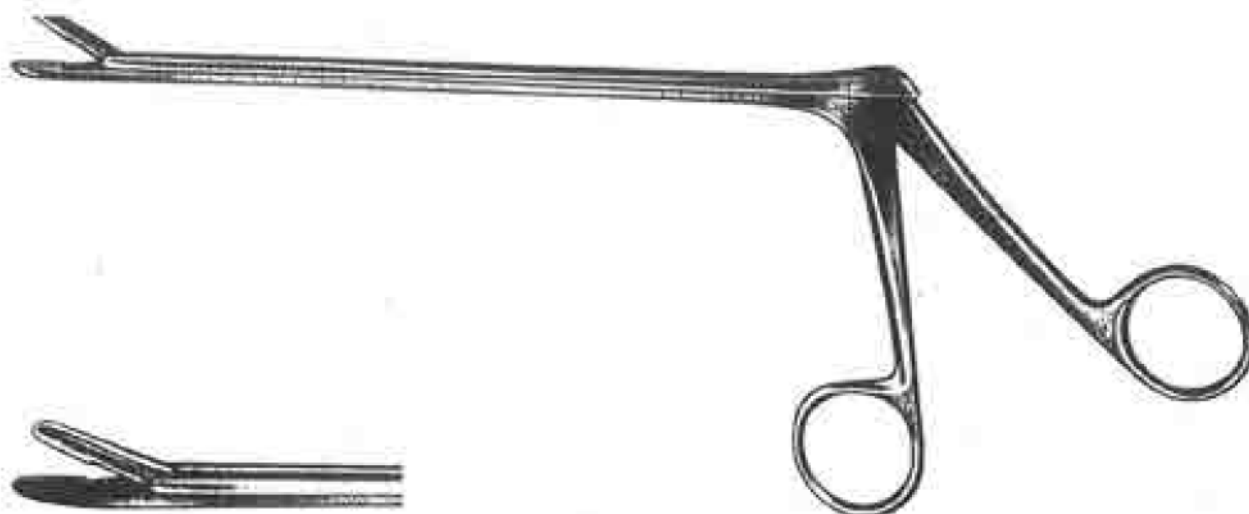


Fig. 1



Fig. 2



Fig. 3

SPURLING 4 × 10 mm
 5" (12,5 cm) 7" (18 cm)

Fig. 1	05E-060	05E-063
Fig. 2	05E-061	05E-064
Fig. 3	05E-062	05E-065

CUSHING 2 × 10 mm
 5" (12,5 cm) 7" (18 cm)

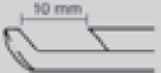

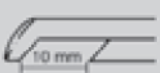
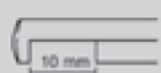
Fig. 1	05E-066	05E-069
Fig. 2	05E-067	05E-070
Fig. 3	05E-068	05E-071

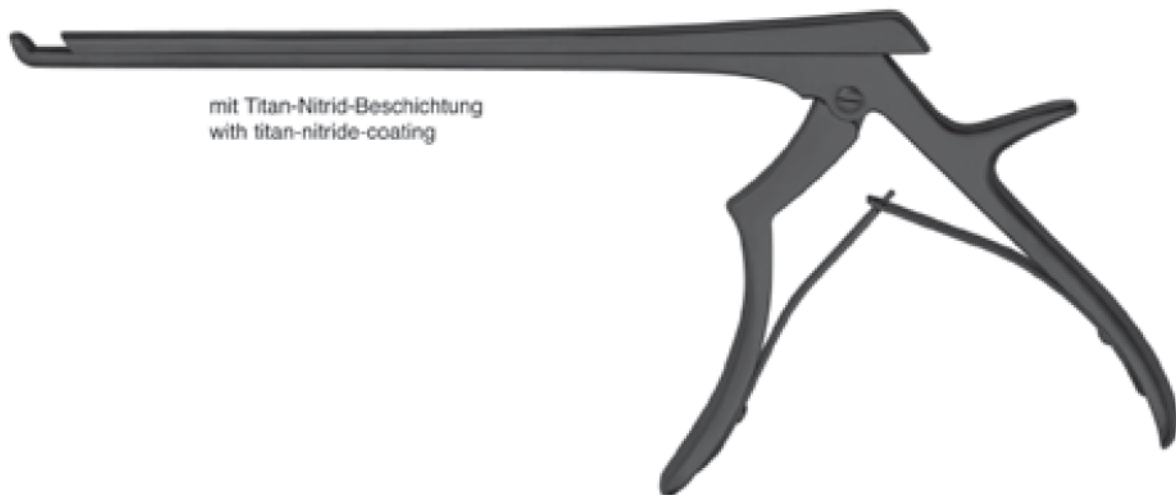
LOVE-GRUENWALD 3 × 10 mm
 5" (12,5 cm) 7" (18 cm)




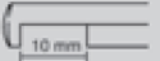
Fig. 1	05E-072	05E-075
Fig. 2	05E-073	05E-076
Fig. 3	05E-074	05E-077



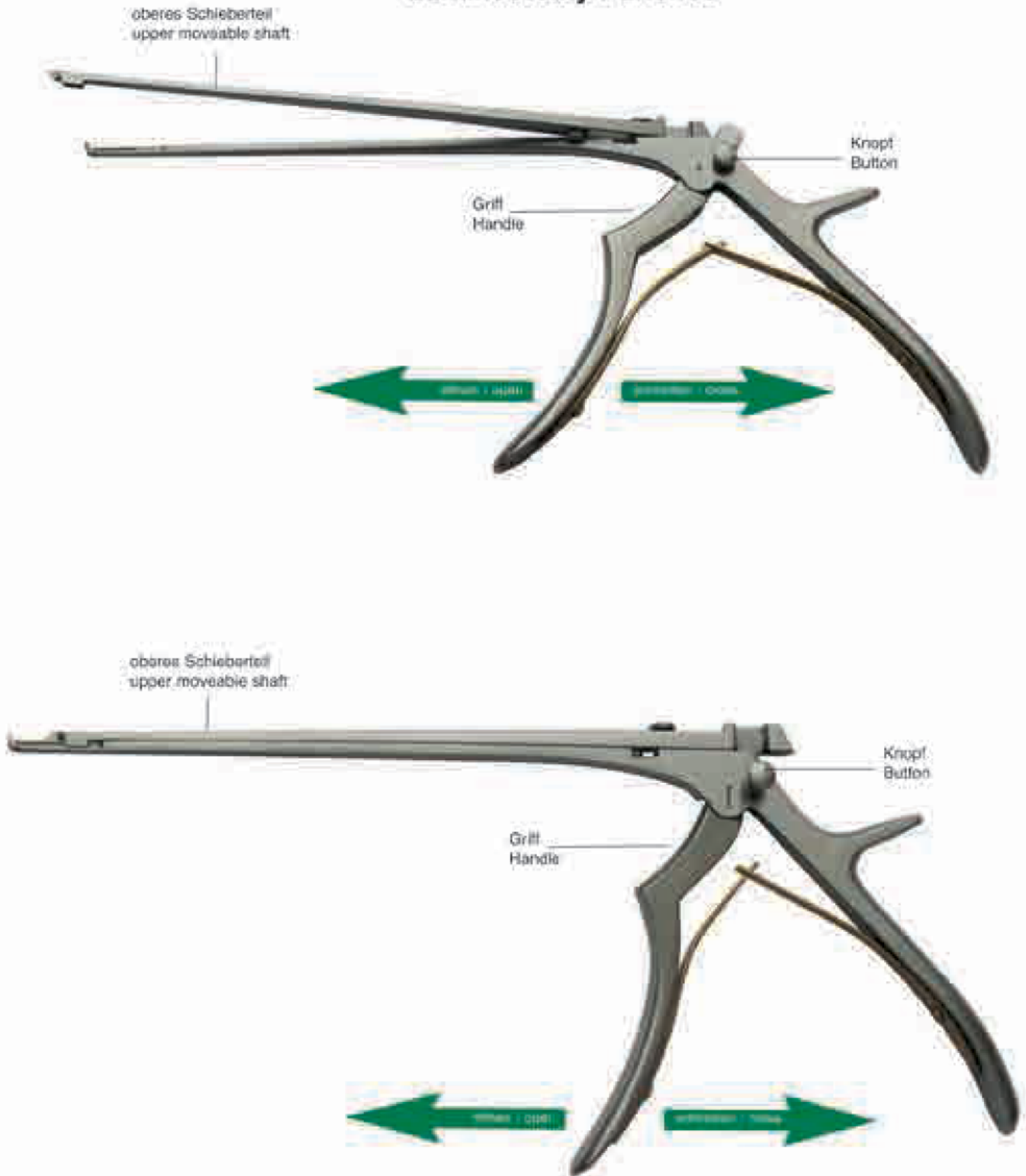
FERRIS-SMITH-KERRISON

Bissbreite Width of bite	Schaftlänge Length of shaft				
		Nach oben schneidend 40° Upwards cutting 40°	Nach oben schneidend 90° Upwards cutting 90°	Nach unten schneidend 40° Downwards cutting 40°	Nach unten schneidend 90° Downwards cutting 90°
1 mm	180 mm	05E-300.01	05E-301.01	05E-302.01	05E-303.01
2 mm	180 mm	05E-300.02	05E-301.02	05E-302.02	05E-303.02
3 mm	180 mm	05E-300.03	05E-301.03	05E-302.03	05E-303.03
4 mm	180 mm	05E-300.04	05E-301.04	05E-302.04	05E-303.04
5 mm	180 mm	05E-300.05	05E-301.05	05E-302.05	05E-303.05
6 mm	180 mm	05E-300.06	05E-301.06	05E-302.06	05E-303.06
1 mm	200 mm	05E-304.01	05E-305.01	05E-306.01	05E-307.01
2 mm	200 mm	05E-304.02	05E-305.02	05E-306.02	05E-307.02
3 mm	200 mm	05E-304.03	05E-305.03	05E-306.03	05E-307.03
4 mm	200 mm	05E-304.04	05E-305.04	05E-306.04	05E-307.04
5 mm	200 mm	05E-304.05	05E-305.05	05E-306.05	05E-307.05
6 mm	200 mm	05E-304.06	05E-305.06	05E-306.06	05E-307.06
1 mm	230 mm	05E-308.01	05E-309.01	05E-310.01	05E-311.01
2 mm	230 mm	05E-308.02	05E-309.02	05E-310.02	05E-311.02
3 mm	230 mm	05E-308.03	05E-309.03	05E-310.03	05E-311.03
4 mm	230 mm	05E-308.04	05E-309.04	05E-310.04	05E-311.04
5 mm	230 mm	05E-308.05	05E-309.05	05E-310.05	05E-311.05
6 mm	230 mm	05E-308.06	05E-309.06	05E-310.06	05E-311.06


FERRIS-SMITH-KERRISON

Bissbreite Width of bite	Schaftlänge Length of shaft				
		Nach oben schneidend 40° Upwards cutting 40°	Nach oben schneidend 90° Upwards cutting 90°	Nach unten schneidend 40° Downwards cutting 40°	Nach unten schneidend 90° Downwards cutting 90°
1 mm	180 mm	05E-340.01	05E-341.01	05E-342.01	05E-343.01
2 mm	180 mm	05E-340.02	05E-341.02	05E-342.02	05E-343.02
3 mm	180 mm	05E-340.03	05E-341.03	05E-342.03	05E-343.03
4 mm	180 mm	05E-340.04	05E-341.04	05E-342.04	05E-343.04
5 mm	180 mm	05E-340.05	05E-341.05	05E-342.05	05E-343.05
6 mm	180 mm	05E-340.06	05E-341.06	05E-342.06	05E-343.06
1 mm	200 mm	05E-344.01	05E-345.01	05E-346.01	05E-347.01
2 mm	200 mm	05E-344.02	05E-345.02	05E-346.02	05E-347.02
3 mm	200 mm	05E-344.03	05E-345.03	05E-346.03	05E-347.03
4 mm	200 mm	05E-344.04	05E-345.04	05E-346.04	05E-347.04
5 mm	200 mm	05E-344.05	05E-345.05	05E-346.05	05E-347.05
6 mm	200 mm	05E-344.06	05E-345.06	05E-346.06	05E-347.06
1 mm	230 mm	05E-348.01	05E-349.01	05E-350.01	05E-351.01
2 mm	230 mm	05E-348.02	05E-349.02	05E-350.02	05E-351.02
3 mm	230 mm	05E-348.03	05E-349.03	05E-350.03	05E-351.03
4 mm	230 mm	05E-348.04	05E-349.04	05E-350.04	05E-351.04
5 mm	230 mm	05E-348.05	05E-349.05	05E-350.05	05E-351.05
6 mm	230 mm	05E-348.06	05E-349.06	05E-350.06	05E-351.06

Laminektomie Stanzen Laminectomy Punches



Öffnen:

1. Griff schließen
2. Knopf drücken und gedrückt halten
3. Griff wieder öffnen
4. Das obere Schiebeteil ist entriegelt und kann nach links ausgeschwenkt werden

Zusammensetzen:

1. Griff schließen
2. Knopf drücken und gedrückt halten
3. Griff öffnen, Schieber einschwenken und nach unten drücken.
4. Griff nochmals schließen - das Instrument ist verriegelt

Hinweis:

Durch nochmaliges Schließen des Griffes bleibt der Schaft ausgeschwenkt und das Instrument kann in offenem Zustand sterilisiert werden.

Neue Laminektomie Stanzen Generation:

Die Vorteile liegen in der Hand

Erster Vorteil: Schneide

Durch die neu konstruierte Schneidegeometrie hat diese **neue Laminektomie Stanzen Generation** eine extrem lange Lebensdauer.

Zweiter Vorteil: Reinigung

Patentiertes Verschlussystem

- Mit nur zwei Handgriffen zerlegbar
- Dies gewährleistet eine optimale Reinigung
- Es gibt keine losen Teile
- Kein Sortieren nach der Reinigung
- Mit nur zwei Handgriffen wieder zusammengesetzt

Einfacher geht es nicht!

Disassembly Instructions:

1. Close the handle
2. Push the button and keep it pushed
3. Release quickly the front part of the handle
4. The upper movable shaft is unlocked and can be slid to be left.

Assembly Instructions:

1. Close the handle
2. Push the button and keep it pushed
3. Open the handle. Slide back the movable shaft on the instrument and push the shaft downwards.
4. Close the handle once again and the instrument is locked.

Advice:

If the handle is closed again, the shaft remains swivelled out so that the instrument can be sterilised in open position.

New Laminectomy Punch Generation

The advantages are lying in the hand

First advantage: The edge

Because of the new constructed geometry of the edges, the **new generation of the laminectomy punches** has an extremely long operating life.

Second advantage: Cleaning





Patented locking system

- With only two movements demountable
- this guarantees an optimal cleaning
- There are no loose parts
- No sorting after cleaning
- With only two movements assembled

It's as simple as that!



FERRIS-SMITH-KERRISON



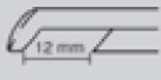
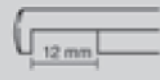
Dissensbreite Width of box	Schaftlänge Length of shaft				
		Nach oben schneidend 40° Upwards cutting 40°	Nach oben schneidend 90° Upwards cutting 90°	Nach unten schneidend 40° Downwards cutting 40°	Nach unten schneidend 90° Downwards cutting 90°
1 mm	180 mm	05E-360.01	05E-361.01	05E-362.01	05E-363.01
2 mm	180 mm	05E-360.02	05E-361.02	05E-362.02	05E-363.02
3 mm	180 mm	05E-360.03	05E-361.03	05E-362.03	05E-363.03
4 mm	180 mm	05E-360.04	05E-361.04	05E-362.04	05E-363.04
5 mm	180 mm	05E-360.05	05E-361.05	05E-362.05	05E-363.05
6 mm	180 mm	05E-360.06	05E-361.06	05E-362.06	05E-363.06
1 mm	200 mm	05E-364.01	05E-365.01	05E-366.01	05E-367.01
2 mm	200 mm	05E-364.02	05E-365.02	05E-366.02	05E-367.02
3 mm	200 mm	05E-364.03	05E-365.03	05E-366.03	05E-367.03
4 mm	200 mm	05E-364.04	05E-365.04	05E-366.04	05E-367.04
5 mm	200 mm	05E-364.05	05E-365.05	05E-366.05	05E-367.05
6 mm	200 mm	05E-364.06	05E-365.06	05E-366.06	05E-367.06
1 mm	230 mm	05E-368.01	05E-369.01	05E-370.01	05E-371.01
2 mm	230 mm	05E-368.02	05E-369.02	05E-370.02	05E-371.02
3 mm	230 mm	05E-368.03	05E-369.03	05E-370.03	05E-371.03
4 mm	230 mm	05E-368.04	05E-369.04	05E-370.04	05E-371.04
5 mm	230 mm	05E-368.05	05E-369.05	05E-370.05	05E-371.05
6 mm	230 mm	05E-368.06	05E-369.06	05E-370.06	05E-371.06
1 mm	250 mm	05E-372.01	05E-373.01	05E-374.01	05E-375.01
2 mm	250 mm	05E-372.02	05E-373.02	05E-374.02	05E-375.02
3 mm	250 mm	05E-372.03	05E-373.03	05E-374.03	05E-375.03
4 mm	250 mm	05E-372.04	05E-373.04	05E-374.04	05E-375.04
5 mm	250 mm	05E-372.05	05E-373.05	05E-374.05	05E-375.05
6 mm	250 mm	05E-372.06	05E-373.06	05E-374.06	05E-375.06
1 mm	280 mm	05E-376.01	05E-377.01	05E-378.01	05E-379.01
2 mm	280 mm	05E-376.02	05E-377.02	05E-378.02	05E-379.02
3 mm	280 mm	05E-376.03	05E-377.03	05E-378.03	05E-379.03
4 mm	280 mm	05E-376.04	05E-377.04	05E-378.04	05E-379.04
5 mm	280 mm	05E-376.05	05E-377.05	05E-378.05	05E-379.05
6 mm	280 mm	05E-376.06	05E-377.06	05E-378.06	05E-379.06



mit Titan-Nitrid-Beschichtung
with titan-nitride-coating

zerlegbar / detachable

FERRIS-SMITH-KERRISON

Bissbreite Width of bite	Schaftlänge Length of shaft				
		Nach oben schneidend 40° Upwards cutting 40°	Nach oben schneidend 90° Upwards cutting 90°	Nach unten schneidend 40° Downwards cutting 40°	Nach unten schneidend 90° Downwards cutting 90°
1 mm	180 mm	05E-380.01	05E-381.01	05E-382.01	05E-383.01
2 mm	180 mm	05E-380.02	05E-381.02	05E-382.02	05E-383.02
3 mm	180 mm	05E-380.03	05E-381.03	05E-382.03	05E-383.03
4 mm	180 mm	05E-380.04	05E-381.04	05E-382.04	05E-383.04
5 mm	180 mm	05E-380.05	05E-381.05	05E-382.05	05E-383.05
6 mm	180 mm	05E-380.06	05E-381.06	05E-382.06	05E-383.06
1 mm	200 mm	05E-384.01	05E-385.01	05E-386.01	05E-387.01
2 mm	200 mm	05E-384.02	05E-385.02	05E-386.02	05E-387.02
3 mm	200 mm	05E-384.03	05E-385.03	05E-386.03	05E-387.03
4 mm	200 mm	05E-384.04	05E-385.04	05E-386.04	05E-387.04
5 mm	200 mm	05E-384.05	05E-385.05	05E-386.05	05E-387.05
6 mm	200 mm	05E-384.06	05E-385.06	05E-386.06	05E-387.06
1 mm	230 mm	05E-388.01	05E-389.01	05E-390.01	05E-391.01
2 mm	230 mm	05E-388.02	05E-389.02	05E-390.02	05E-391.02
3 mm	230 mm	05E-388.03	05E-389.03	05E-390.03	05E-391.03
4 mm	230 mm	05E-388.04	05E-389.04	05E-390.04	05E-391.04
5 mm	230 mm	05E-388.05	05E-389.05	05E-390.05	05E-391.05
6 mm	230 mm	05E-388.06	05E-389.06	05E-390.06	05E-391.06
1 mm	250 mm	05E-392.01	05E-393.01	05E-394.01	05E-395.01
2 mm	250 mm	05E-392.02	05E-393.02	05E-394.02	05E-395.02
3 mm	250 mm	05E-392.03	05E-393.03	05E-394.03	05E-395.03
4 mm	250 mm	05E-392.04	05E-393.04	05E-394.04	05E-395.04
5 mm	250 mm	05E-392.05	05E-393.05	05E-394.05	05E-395.05
6 mm	250 mm	05E-392.06	05E-393.06	05E-394.06	05E-395.06
1 mm	280 mm	05E-396.01	05E-397.01	05E-398.01	05E-399.01
2 mm	280 mm	05E-396.02	05E-397.02	05E-398.02	05E-399.02
3 mm	280 mm	05E-396.03	05E-397.03	05E-398.03	05E-399.03
4 mm	280 mm	05E-396.04	05E-397.04	05E-398.04	05E-399.04
5 mm	280 mm	05E-396.05	05E-397.05	05E-398.05	05E-399.05
6 mm	280 mm	05E-396.06	05E-397.06	05E-398.06	05E-399.06



Frazier
scharf / sharp



13.0 cm
05E-150.13



18.0 cm
05E-150.18



Sachs, 18.5 cm
scharf / sharp
05E-154.18



Graham, 16.5 cm
stumpf / blunt
05E-161.16





links / left
05E-165.02



rechts / right
05E-165.03



Dandy, 20.0 cm
stumpf / blunt
05E-165.01



Cushing
28.0 cm

Fig. 1
05E-167.01



Fig. 2
05E-167.02





05E-048

Außenge mm	
4,0	05E-046
5,6	05E-047
7,9	05E-048

05E-046/048 Michole Biopsie Trefphine

Michele Biopsy Trefphine

05E-049 Markierungstift für
Trefphine, 7,9 mm

Marker only for
Trefphine, $\frac{5}{16}$ "



05E-054/055



05E-056/057

05E-054 McKENZIE Zange zum Anlegen
der Silberklammern, mit
Sperr, 15,0 cm, gerade

McKENZIE Brain Suture Clamp,
with ratchet, 6", straight

05E-055 McKENZIE Zange zum Anlegen
der Silberklammern, mit
Sperr, 19,0 cm, gerade

McKENZIE Brain Suture Clamp,
with ratchet, $7\frac{1}{2}$ ", straight

05E-056 McKENZIE Zange zum Anlegen
der Silberklammern, mit
Sperr, 15,0 cm, gebogen

McKENZIE Brain Suture Clamp,
with ratchet, 6", curved

05E-057 McKENZIE Zange zum Anlegen
der Silberklammern, mit
Sperr, 19,0 cm, gebogen

McKENZIE Brain Suture Clamp,
with ratchet, $7\frac{1}{2}$ ", curved