



**Wundhaken**  
**Retractors**  
**Separadores**  
**Divaricatori**

Nahtinstrumente  
Suture Instruments  
Instrumentos para sutura  
Strumenti per sutura



**MICHEL**  
12,0 cm, 4<sup>3</sup>/<sub>4</sub>"  
75-1880-12











**LANGE**  
10,0 cm, 4"  
75-1881-10



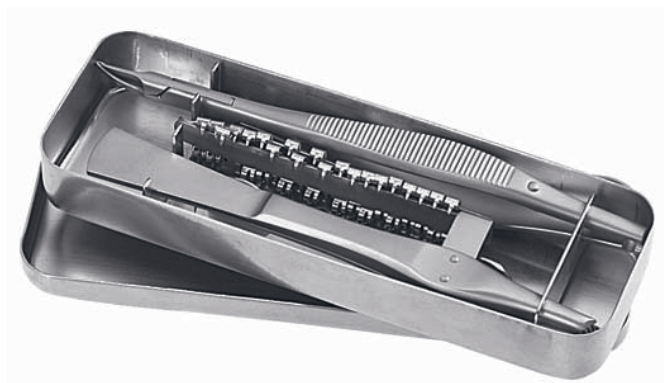
**CHILDE**  
18,0 cm, 7"  
75-1882-01



**CHILDE**  
18,0 cm, 7"  
75-1883-02

-  **75-1884-08** 7,5 x 1,75 mm
-  **75-1884-11** 11,0 x 2,0 mm
-  **75-1884-12** 12,0 x 3,0 mm
-  **75-1884-14** 14,0 x 3,0 mm
-  **75-1884-16** 16,0 x 3,0 mm
-  **75-1884-18** 18,0 x 3,0 mm
-  **75-1884-20** 20,0 x 3,0 mm
-  **75-1884-22** 22,0 x 3,0 mm

**MICHEL**



**CLIP-SET**  
**056-558-00**

bestehend aus, consisting of, compuesto de, composto da

- 1 x **75-1885-12**
- 1 x **75-1886-12**
- 50 x **75-1887-14**
- 1 x **75-1888-01** (Etui)

Dura- und Hauthäkchen  
Dura and Skin Retractors  
Gancho para piel y dura-madre  
Unico per pelle e dura-madre



16,0 cm, 6 1/4"



Fig. 1  
75-1899-01



Fig. 2  
75-1900-02



Fig. 3  
75-1901-03



Fig. 4  
75-1902-04



**GUTHRIE**  
16,0 cm, 6 1/4"



Fig. 1  
75-1903-01



Fig. 2  
75-1904-02



**JOSEPH**  
16,0 cm, 6 1/4"



Fig. 1  
75-1905-01



Fig. 2  
75-1906-02



Fig. 3  
75-1907-03

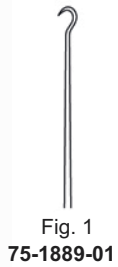


Fig. 4  
75-1908-04

**Dura- und Hauthäkchen**  
**Dura and Skin Retractors**  
**Gancho para piel y dura-madre**  
**Unico per pelle e dura-madre**



**GILLIES**  
18,0 cm, 7"



**KILNER**  
15,0 cm, 6"  
75-1891-15



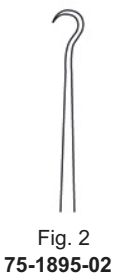
**FRAZIER**  
13,0 cm, 5"  
75-1892-13



**O'CONNOR**  
16,0 cm, 6 1/4"  
75-1893-16



**KLEINE75-KUTZ**  
16,0 cm, 6 1/4"



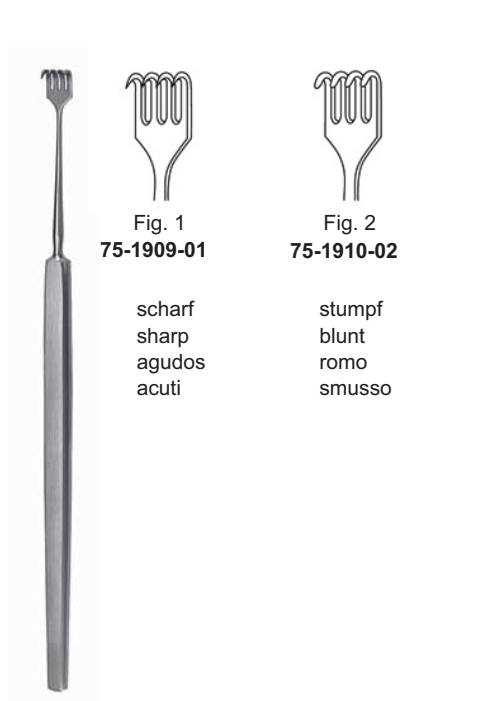
**JOSEPH**  
16,0 cm, 6 1/4"  
75-1898-16



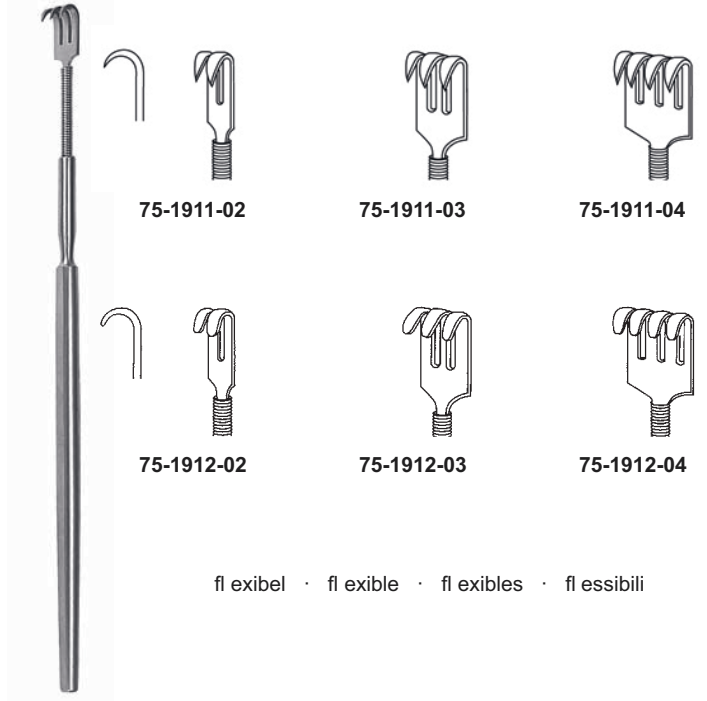
**GRAEFE**  
16,0 cm, 6 1/4"



Wundhaken  
Retractors  
Separadores  
Divaricatori



**KNAPP**  
13,0 cm, 5"



16,0 cm, 6 1/4"

Fig. 1  
75-1909-01

scharf  
sharp  
agudos  
acuti

Fig. 2  
75-1910-02

stumpf  
blunt  
romo  
smusso

75-1911-02

75-1911-03

75-1911-04

75-1912-02

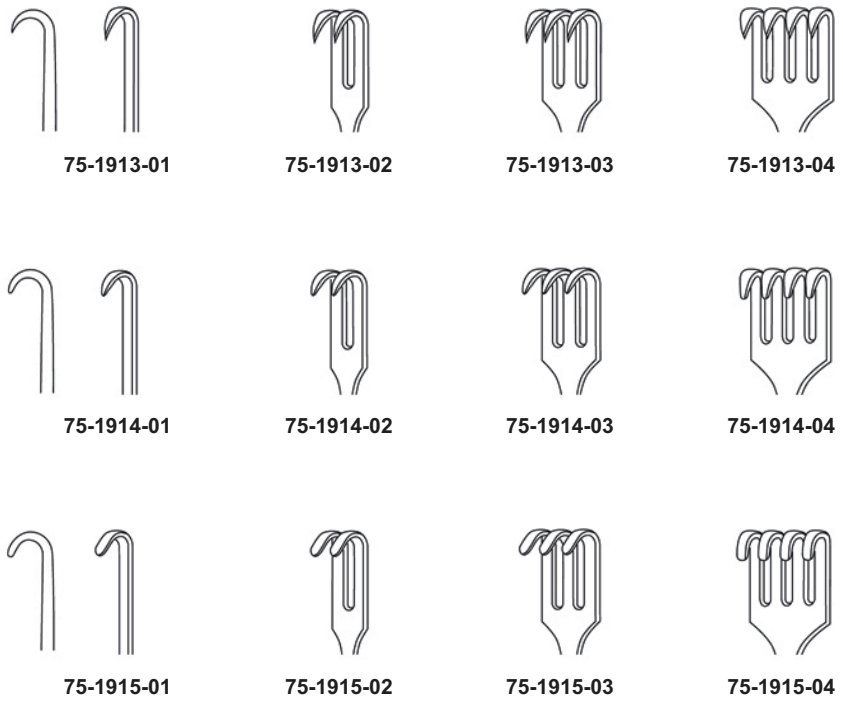
75-1912-03

75-1912-04

fl exibel · fl exible · fl exibles · fl essibili



16,0 cm, 6 1/4"



75-1913-01

75-1913-02

75-1913-03

75-1913-04

75-1914-01

75-1914-02

75-1914-03

75-1914-04

75-1915-01

75-1915-02

75-1915-03

75-1915-04

scharf  
sharp  
agudos  
acuti

halbscharf  
semi-sharp

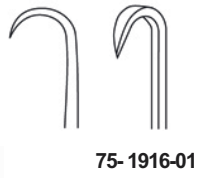
semi-acuti  
semi-agudos

stumpf  
blunt  
romo  
smusso

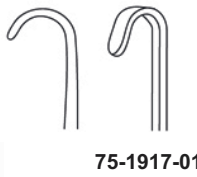
**Wundhaken  
Retractors  
Separadores  
Divaricatori**



16,0 cm, 6<sup>1</sup>/<sub>4</sub>"



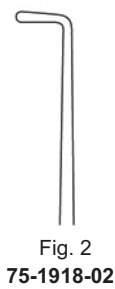
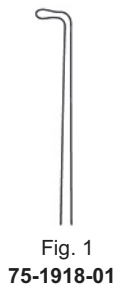
scharf  
sharp  
agudos  
acuti



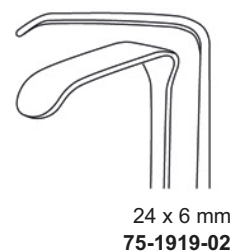
stumpf  
blunt  
romo  
smusso



**CUSHING**  
19,0 cm, 7<sup>1</sup>/<sub>2</sub>"



**LANGENBECK-GREEN**  
16,0 cm, 6<sup>1</sup>/<sub>4</sub>"



Wundhaken  
Retractors  
Separadores  
Divaricatori



**MEYERDING**  
18,0 cm, 7"



18 x 7 mm  
75-1920-01



16 x 5 mm  
75-1920-02



7 x 4 mm  
75-1920-03



14 x 8 mm  
75-1923-16



10 x 3 mm  
75-1921-04



7 x 4 mm  
75-1921-05



4 x 10 mm  
75-1921-06



16,0 cm, 6 1/4"



**SENN-GREEN**  
15,0 cm, 6"



10 x 6 mm  
75-1924-10



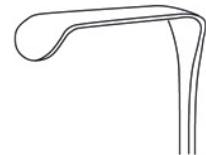
20 x 6 mm  
75-1924-20



**MINI-LANGENBECK**  
16,0 cm, 6 1/4"



10 x 6 mm  
75-1925-01



17 x 5 mm  
75-1925-02



20 x 6 mm  
75-1926-03



22 x 8 mm  
75-1926-04

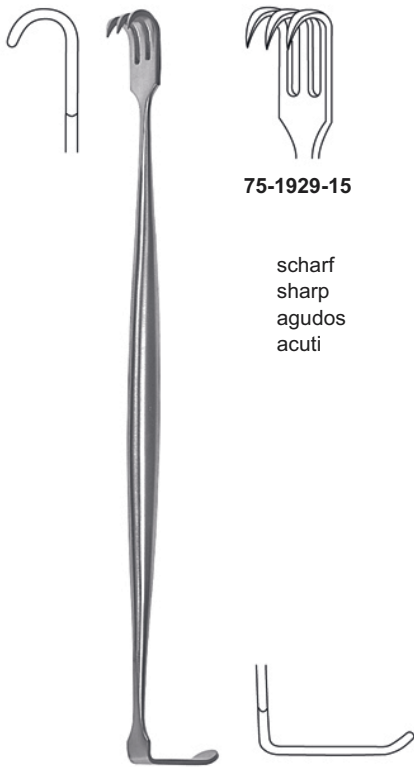
Wundhaken  
Retractors  
Separadores  
Divaricatori



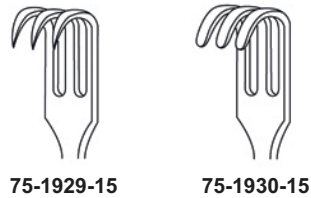
**RAGNELL-DAVIS**  
14,0 cm, 5 1/2"  
75-1927-14



**RAGNELL**  
15,0 cm, 6"  
75-1928-15

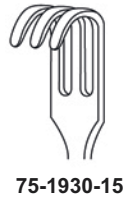


**BABY SENN-MILLER**  
15,0 cm, 6"



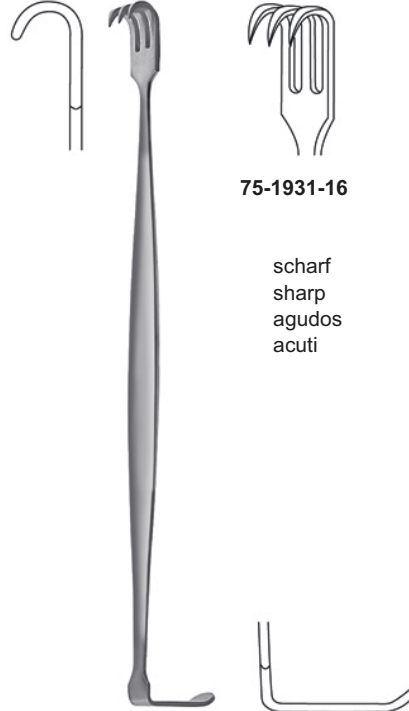
75-1929-15

scharf  
sharp  
agudos  
acuti

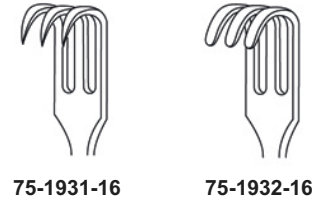


75-1930-15

stumpf  
blunt  
romo  
smusso



**SENN-MILLER**  
16,0 cm, 6 1/4"



75-1931-16

scharf  
sharp  
agudos  
acuti



75-1932-16

stumpf  
blunt  
romo  
smusso



Wundhaken  
Retractors  
Separadores  
Divaricatori



8 mm  
75-1933-08



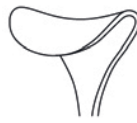
10 mm  
75-1933-10



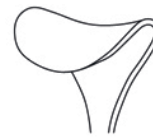
12 mm  
75-1933-12



14 mm  
75-1933-14



16 mm  
75-1933-16



18 mm  
75-1933-18

**DESMARRES**  
13,0 cm, 5"



8 mm  
75-1934-08



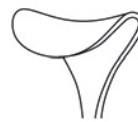
10 mm  
75-1934-10



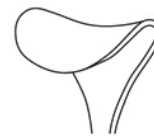
12 mm  
75-1934-12



14 mm  
75-1934-14



16 mm  
75-1934-16



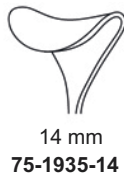
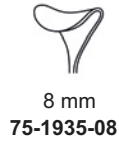
18 mm  
75-1934-18

**DESMARRES**  
16,0 cm, 6 1/4"

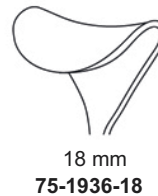
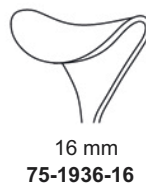
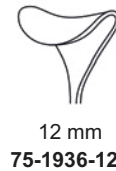
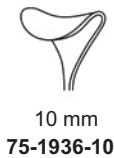
Wundhaken  
Retractors  
Separadores  
Divaricatori



**CUSHING**  
20,0 cm, 8"



**CUSHING**  
24,0 cm, 9 1/2"



**Wundhaken  
Retractors  
Separadores  
Divaricatori**



**ROUX**  
75-1939-00

- Fig. 1 24 x 20 mm
- Fig. 2 29 x 26 mm
- Fig. 3 33 x 29 mm
- Fig. 4 29 x 24 mm

Satz, Fig. 1-3  
Set, fig. 1-3  
Juego, fig. 1-3  
Serie, fig. 1-3

- Fig. 1 30 x 28 mm
- Fig. 2 36 x 36 mm
- Fig. 3 38 x 43 mm
- Fig. 4 45 x 28 mm

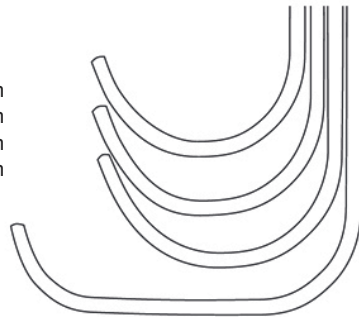
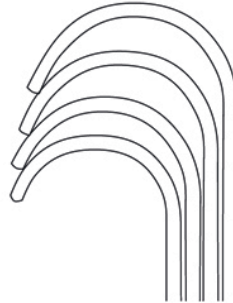


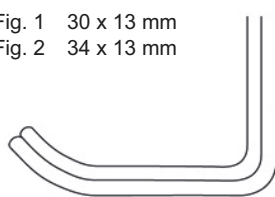
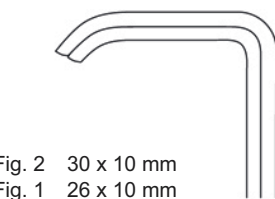
Fig. 1-3	17,0 cm, 6 <sup>3</sup> / <sub>4</sub> "	<b>75-1940-00</b>
Fig. 1	14,0 cm, 5 <sup>1</sup> / <sub>2</sub> "	<b>75-1940-01</b>
Fig. 2	15,0 cm, 6"	<b>75-1940-02</b>
Fig. 3	17,0 cm, 6 <sup>3</sup> / <sub>4</sub> "	<b>75-1940-03</b>
Fig. 4	18,0 cm, 7"	<b>75-1940-04</b>



**FARABEUF**  
12,0 cm, 4<sup>3</sup>/<sub>4</sub>"  
75-1941-12

- Fig. 2 30 x 10 mm
- Fig. 1 26 x 10 mm

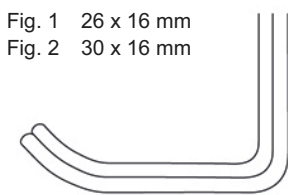
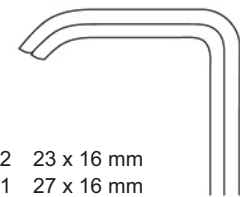
- Fig. 1 30 x 13 mm
- Fig. 2 34 x 13 mm



**FARABEUF**  
15,0 cm, 5<sup>3</sup>/<sub>4</sub>"  
75-1941-15

- Fig. 2 23 x 16 mm
- Fig. 1 27 x 16 mm

- Fig. 1 26 x 16 mm
- Fig. 2 30 x 16 mm



# Surgical Catalogue

Wundhaken  
Retractors  
Separadores  
Divaricatori



**GIL-VERNET**  
24,0 cm, 9 1/2"

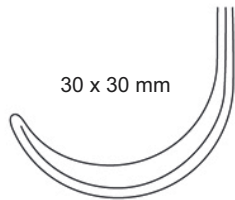
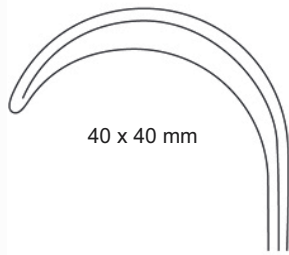


**GIL-VERNET**  
24,0 cm, 9 1/2"

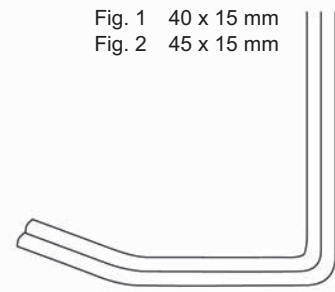
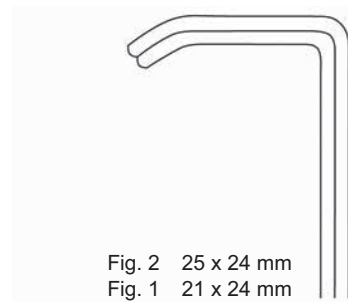
Wundhaken  
Retractors  
Separadores  
Divaricatori



**GOELET**  
19,0 cm, 7 1/2"  
75-1947-19



**PARKER-LANGENBECK**  
21,0 cm, 8 1/4"  
75-1948-00



**CANNY RYAL**

16 mm	19,0 cm, 7 1/2"	<b>75-1949-16</b>
20 mm	19,0 cm, 7 1/2"	<b>75-1949-20</b>
25 mm	20,0 cm, 8"	<b>75-1949-25</b>

Wundhaken  
Retractors  
Separadores  
Divaricatori



**MINI-ROUX**  
14,0 cm, 5 1/2"  
75-1942-06



**BABY-ROUX**  
13,0 cm, 5"  
75-1943-13

18 x 17 mm

24 x 21 mm



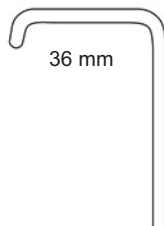
**PARKER**  
13,5 cm, 5 3/8"  
75-1944-00

Fig. 2 22 x 15 mm  
Fig. 1 19 x 15 mm

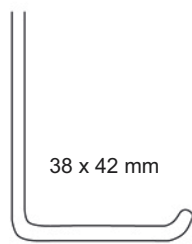
Fig. 1 19 x 15 mm  
Fig. 2 22 x 15 mm



**CZERNY**  
17,5 cm, 7"  
75-1945-00



36 mm



38 x 42 mm



**MATHIEU**  
20,0 cm, 8"  
75-1946-00

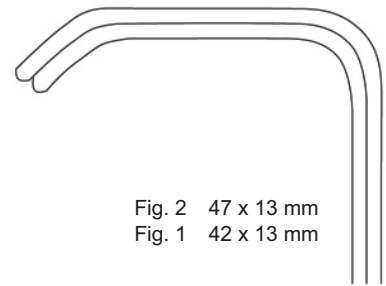


Fig. 2 47 x 13 mm  
Fig. 1 42 x 13 mm

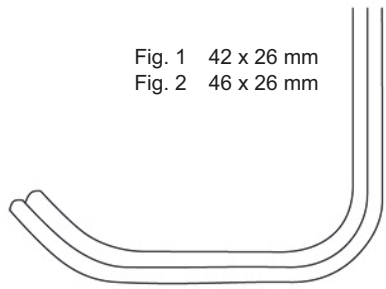


Fig. 1 42 x 26 mm  
Fig. 2 46 x 26 mm

**Wundhaken**  
**Retractors**  
**Separadores**  
**Divaricatori**



**VOLKMANN**  
21,5 cm, 8½"



**75-1952-01**



9 x 8 mm  
**75-1952-02**



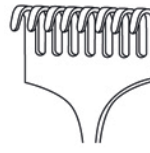
9 x 13 mm  
**75-1952-03**



9 x 19 mm  
**75-1952-04**



9 x 29 mm  
**75-1952-06**



9 x 40 mm  
**75-1952-08**

stumpf  
blunt  
romo  
smusso



**75-1953-01**



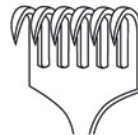
9 x 8 mm  
**75-1953-02**



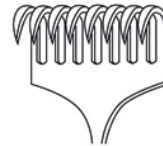
15 x 15 mm  
**75-1953-03**



15 x 20 mm  
**75-1953-04**



15 x 30 mm  
**75-1953-06**



15 x 40 mm  
**75-1953-08**

scharf  
sharp  
agudos  
acuti



**KOCHER**  
22,0 cm, 8⅝"

Wundhaken  
Retractors  
Separadores  
Divaricatori



**VOLKMANN**  
21,5 cm, 8 1/2"



**75-1950-01**



9 x 8 mm  
**75-1950-02**



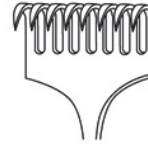
9 x 13 mm  
**75-1950-03**



9 x 19 mm  
**75-1950-04**



9 x 29 mm  
**75-1950-06**



9 x 40 mm  
**75-1950-08**

scharf  
sharp  
agudos  
acuti



**VOLKMANN**  
21,5 cm, 8 1/2"



**75-1951-01**



9 x 8 mm  
**75-1951-02**



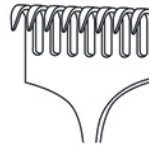
9 x 13 mm  
**75-1951-03**



9 x 19 mm  
**75-1951-04**



9 x 29 mm  
**75-1951-06**

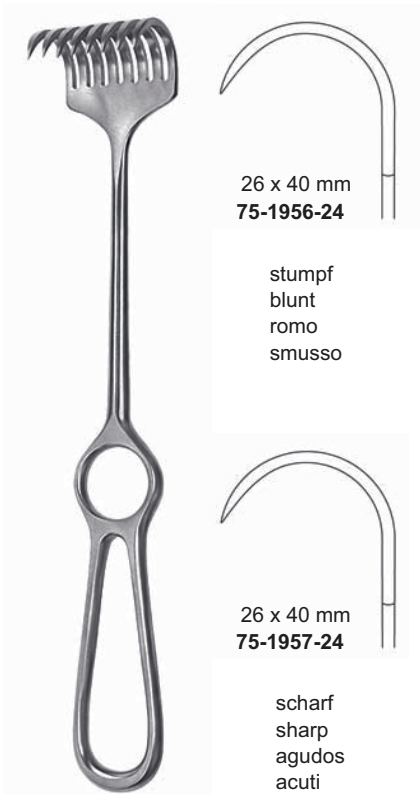


9 x 40 mm  
**75-1951-08**

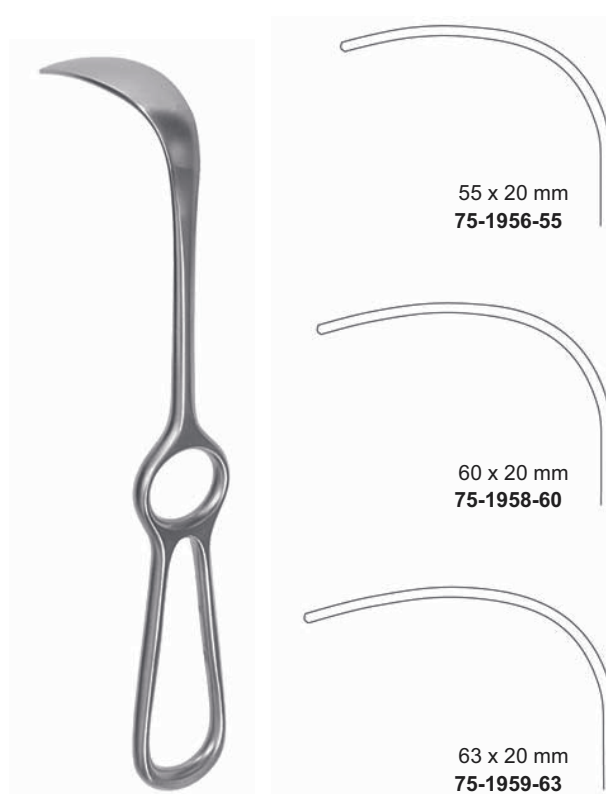
halbscharf  
semi-sharp  
semi-agudos  
semi-acuti



Wundhaken  
Retractors  
Separadores  
Divaricatori



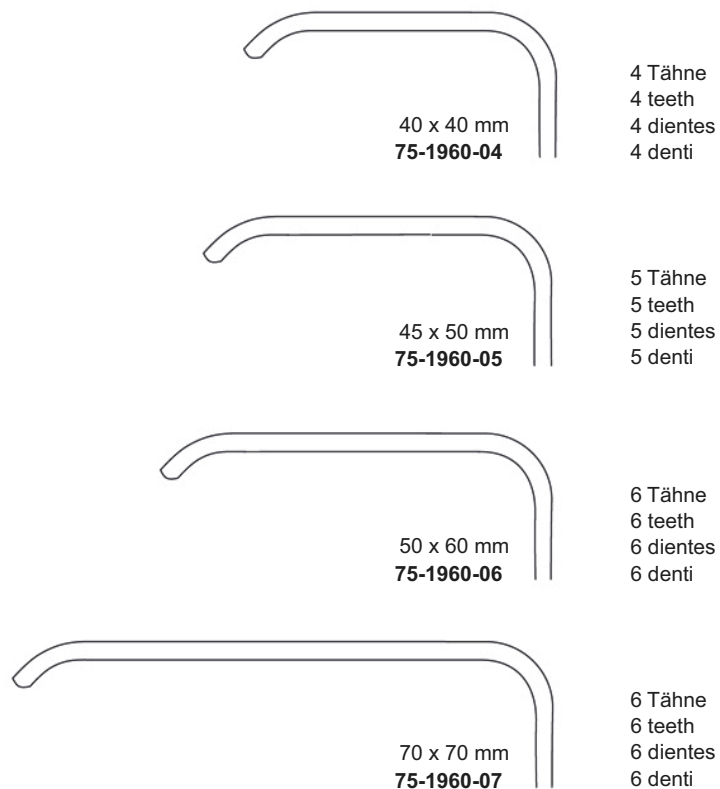
**KOERTE**  
24,0 cm, 9<sup>1</sup>/<sub>2</sub>"



**LANGENBECK**  
21,0 cm, 8<sup>1</sup>/<sub>4</sub>"



**ISRAEL**  
25,0 cm, 9<sup>3</sup>/<sub>4</sub>"



Wundhaken  
Retractors  
Separadores  
Divaricatori



**KOCHER**  
22,0 cm, 8<sup>5</sup>/<sub>8</sub>"



75-1954-01



9 x 8 mm  
75-1954-02



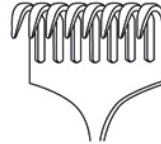
15 x 15 mm  
75-1954-03



15 x 20 mm  
75-1954-04



15 x 30 mm  
75-1954-06



15 x 40 mm  
75-1954-08

halbscharf  
semi-sharp  
semi-agudos  
semi-acuti



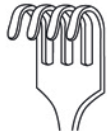
75-1955-01



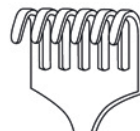
9 x 8 mm  
75-1955-02



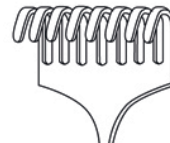
15 x 15 mm  
75-1955-03



15 x 20 mm  
75-1955-04



15 x 30 mm  
75-1955-06



15 x 40 mm  
75-1955-08

stumpf  
blunt  
romo  
smusso









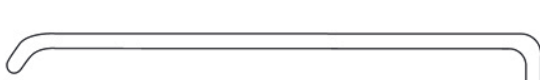

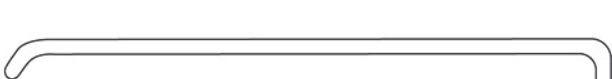


**KOCHER**  
22,0 cm, 8<sup>5</sup>/<sub>8</sub>"

**Wundhaken  
Retractors  
Separadores  
Divaricatori**



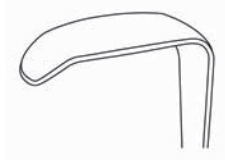
**KOCHER-LANGENBECK**  
21,5 cm, 8½"

	22 x 6 mm <b>75-1963-22</b>
	25 x 6 mm <b>75-1963-25</b>
	25 x 8 mm <b>75-1963-26</b>
	35 x 8 mm <b>75-1963-35</b>
	35 x 11 mm <b>75-1963-36</b>
	35 x 15 mm <b>75-1963-37</b>
	40 x 11 mm <b>75-1963-40</b>
	70 x 15 mm <b>75-1963-70</b>
	80 x 12 mm <b>75-1963-80</b>
	80 x 15 mm <b>75-1963-85</b>
	22 x 6 mm <b>75-1963-22</b>

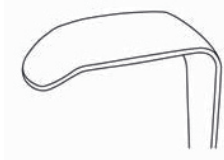
Wundhaken  
Retractors  
Separadores  
Divaricatori



**LANGENBECK**  
22,0 cm, 8<sup>5</sup>/<sub>8</sub>"



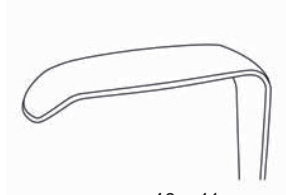
30 x 11 mm  
75-1961-30



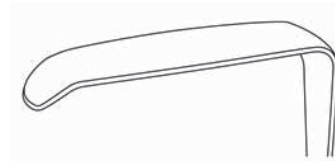
30 x 14 mm  
75-1961-31



30 x 16 mm  
75-1961-32



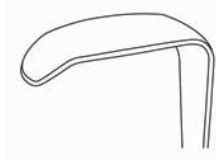
40 x 11 mm  
75-1961-40



50 x 11 mm  
75-1961-50



**LANGENBECK**  
22,0 cm, 8<sup>5</sup>/<sub>8</sub>"



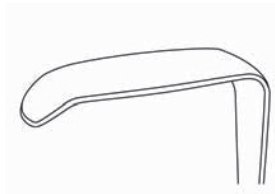
30 x 11 mm  
75-1962-30



30 x 14 mm  
75-1962-31



30 x 16 mm  
75-1962-32



40 x 11 mm  
75-1962-40



50 x 11 mm  
75-1962-50

Wundhaken  
Retractors  
Separadores  
Divaricatori



**MIDDELDORPF**



21,5 cm, 8 $\frac{1}{2}$ "  
14 x 17 mm  
**75-1966-01**



22,0 cm, 8 $\frac{5}{8}$ "  
20 x 22 mm  
**75-1966-02**



23,5 cm, 9 $\frac{1}{4}$ "  
26 x 30 mm  
**75-1966-03**



**MIDDELDORPF**



21,5 cm, 8 $\frac{1}{2}$ "  
14 x 17 mm  
**75-1967-01**



22,0 cm, 8 $\frac{5}{8}$ "  
20 x 22 mm  
**75-1967-02**



23,5 cm, 9 $\frac{1}{4}$ "  
26 x 30 mm  
**75-1967-03**



**RICHARDSON (KELLY)**  
24,0 cm, 9 $\frac{1}{2}$ "



**75-1968-01**



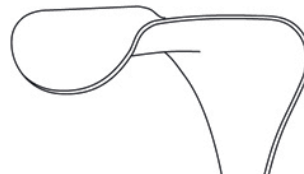
9 x 8 mm  
**75-1968-02**



15 x 15 mm  
**75-1968-03**



15 x 20 mm  
**75-1968-04**



15 x 30 mm  
**75-1968-06**

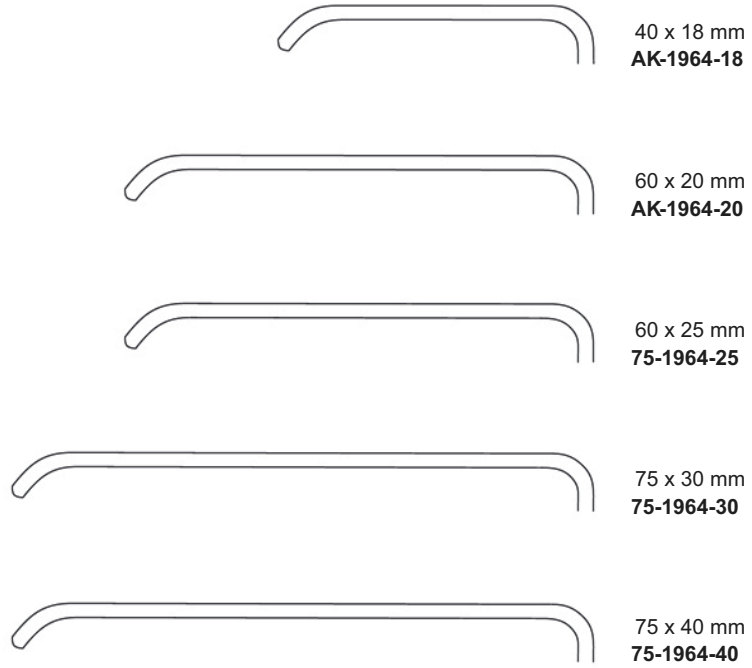


15 x 40 mm  
**75-1968-08**

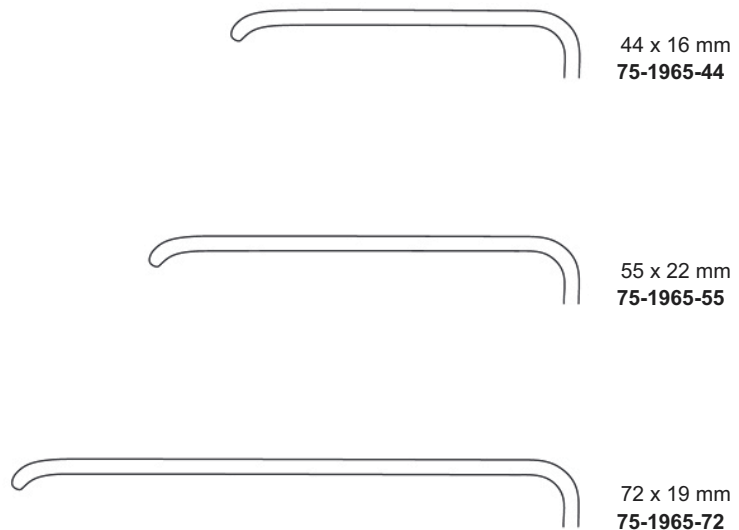
Wundhaken  
Retractors  
Separadores  
Divaricatori



**KOCHER**  
23,0 cm, 9"



**SAUERBRUCH**  
22,5 cm, 8<sup>3</sup>/<sub>4</sub>"



**Wundhaken  
Retractors  
Separadores  
Divaricatori**

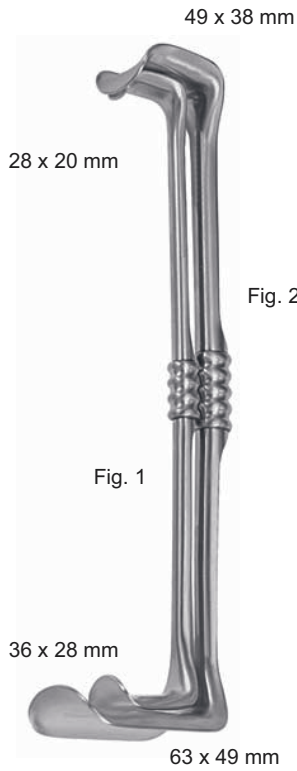
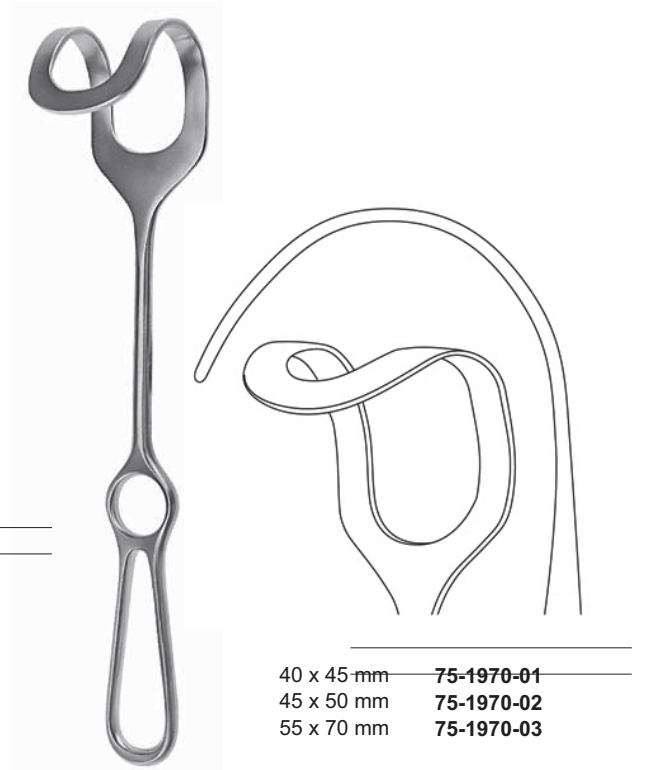


Fig. 1+2 28,0 cm, 11" **75-1969-00**  
 Fig. 1 26,0 cm, 10<sup>1</sup>/<sub>4</sub>" **75-1969-01**  
 Fig. 2 28,0 cm, 11" **75-1969-02**



**MIDDELDORPF**  
 25,5 cm, 10"

**RICHARDSON-EASTMAN**



**FRITSCH**  
 24,0 cm, 9<sup>1</sup>/<sub>2</sub>"

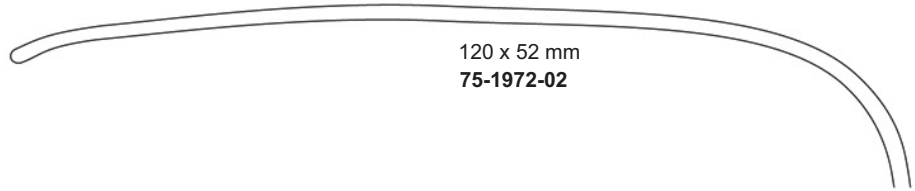


**DOYEN**  
 25,0 cm, 10"  
**75-1972-86**

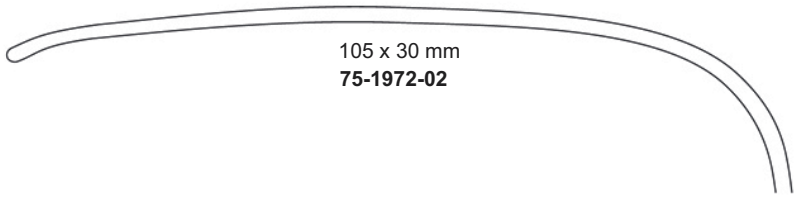
Wundhaken  
Retractors  
Separadores  
Divaricatori



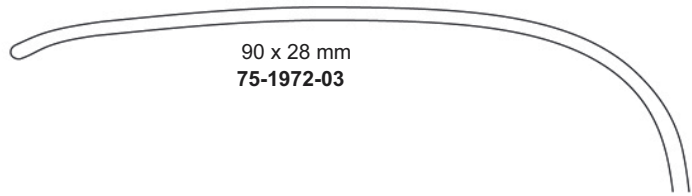
**DOYEN-STILLE**  
22,0 cm, 8<sup>5</sup>/<sub>8</sub>"



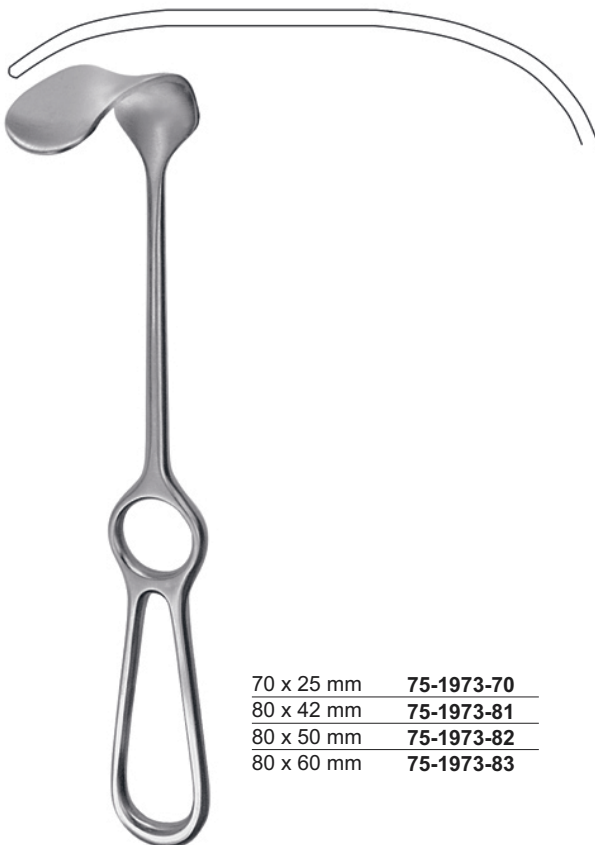
120 x 52 mm  
75-1972-02



105 x 30 mm  
75-1972-02



90 x 28 mm  
75-1972-03

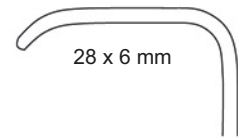


**KOCHER**  
25,0 cm, 10"

- |            |            |
|------------|------------|
| 70 x 25 mm | 75-1973-70 |
| 80 x 42 mm | 75-1973-81 |
| 80 x 50 mm | 75-1973-82 |
| 80 x 60 mm | 75-1973-83 |



**LAHEY**  
19,0 cm, 7<sup>1</sup>/<sub>2</sub>"  
75-1974-19



28 x 6 mm



Wundhaken  
Retractors  
Separadores  
Divaricatori

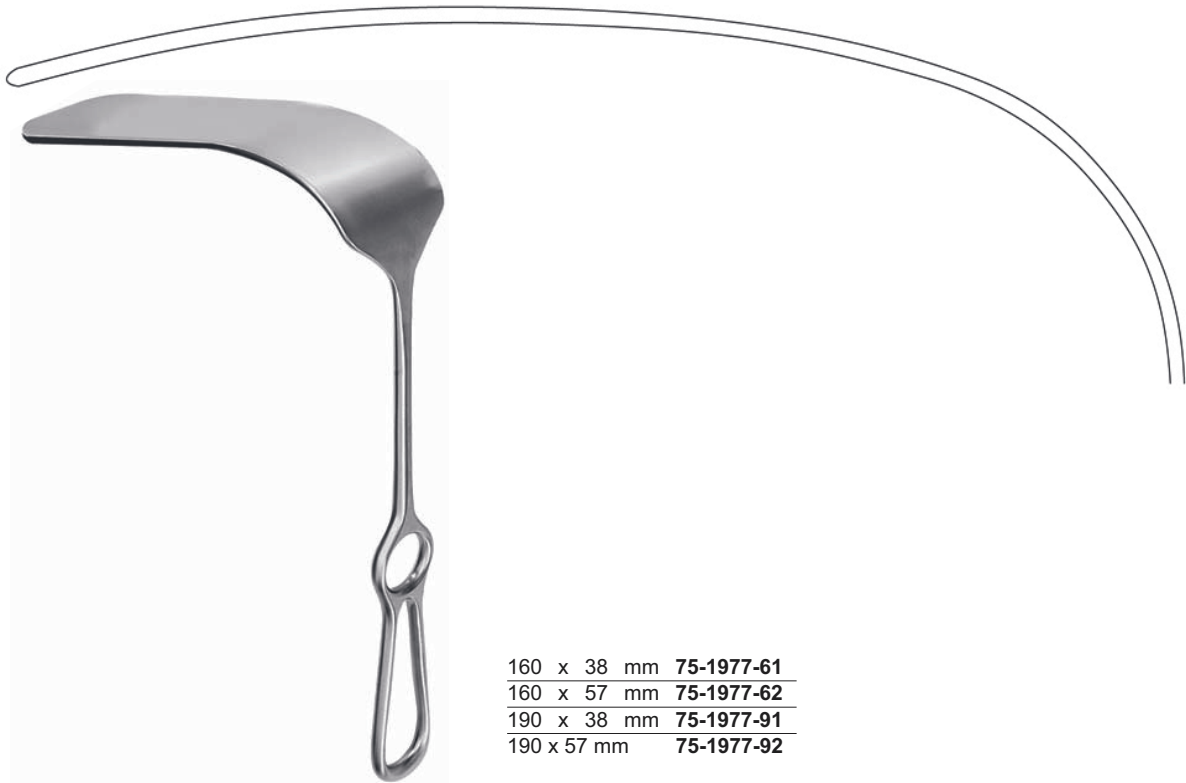


**LITTLE**  
20,0 cm, 8"  
75-1976-20



115 x 22 mm **75-1975-01**  
115 x 27 mm **75-1975-02**

**SIMON**  
28,0 cm, 11"



160 x 38 mm **75-1977-61**  
160 x 57 mm **75-1977-62**  
190 x 38 mm **75-1977-91**  
190 x 57 mm **75-1977-92**

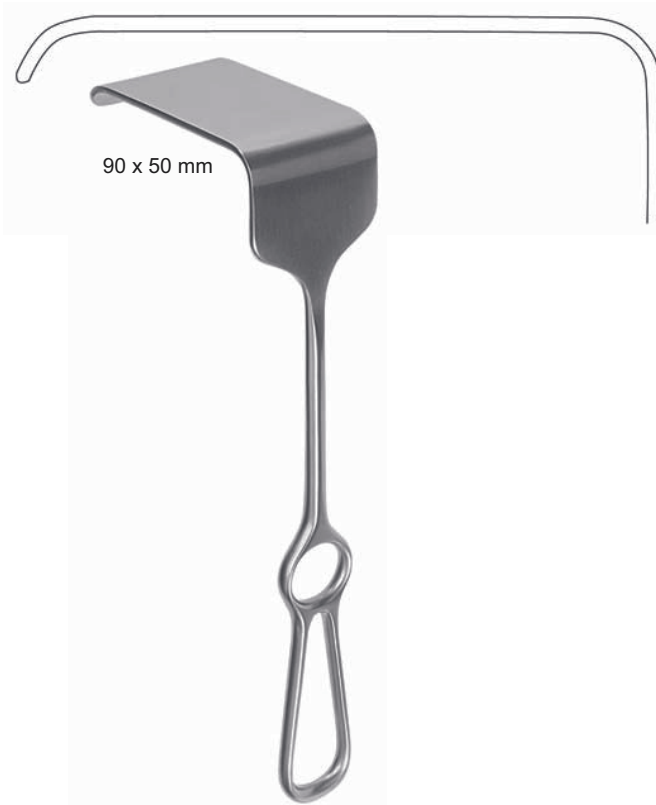
**KELLY**  
27,0 cm, 10 1/2"

Wundhaken  
Retractors  
Separadores  
Divaricatori



85 x 35 mm	<b>75-1978-01</b>
120 x 50 mm	<b>75-1978-02</b>
155 x 50 mm	<b>75-1978-03</b>

**MIKULICZ**  
26,0 cm, 10<sup>1</sup>/<sub>4</sub>"



90 x 50 mm

**MIKULICZ**  
26,0 cm, 10<sup>1</sup>/<sub>4</sub>"  
**75-1980-90**



70 x 38 mm	<b>75-1979-38</b>
70 x 50 mm	<b>75-1979-51</b>

**MORRIS**  
24,5 cm, 9<sup>5</sup>/<sub>8</sub>"

Wundhaken  
Retractors  
Separadores  
Divaricatori



127 x 40 mm **75-1982-40**  
127 x 62 mm **75-1982-62**

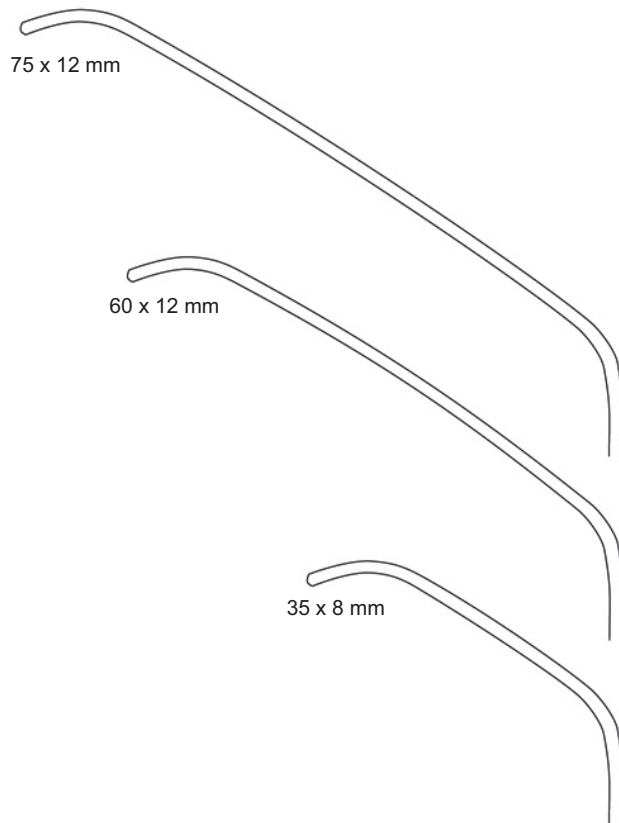
82 x 22 mm **75-1981-01**  
108 x 43 mm **75-1981-02**  
115 x 65 mm **75-1981-03**

**HARRINGTON**  
32,0 cm, 12<sup>1</sup>/<sub>2</sub>"

**CORYKKOS**  
24,0 cm, 9<sup>1</sup>/<sub>2</sub>"



**ZENKER**



75 x 12 mm

60 x 12 mm

35 x 8 mm

25,0 cm, 9<sup>3</sup>/<sub>4</sub>"  
**75-1983-25**

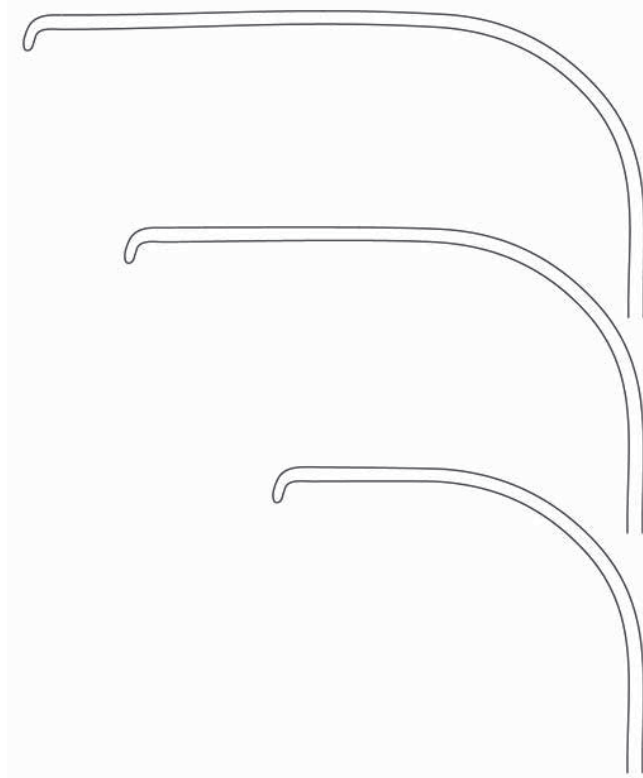
26,0 cm, 10<sup>1</sup>/<sub>4</sub>"  
**75-1983-26**

27,5 cm, 10<sup>3</sup>/<sub>4</sub>"  
**75-1983-27**

**Wundhaken  
Retractors  
Separadores  
Divaricatori**



**MEYERDING**  
22,5 cm, 8<sup>3</sup>/<sub>4</sub>"



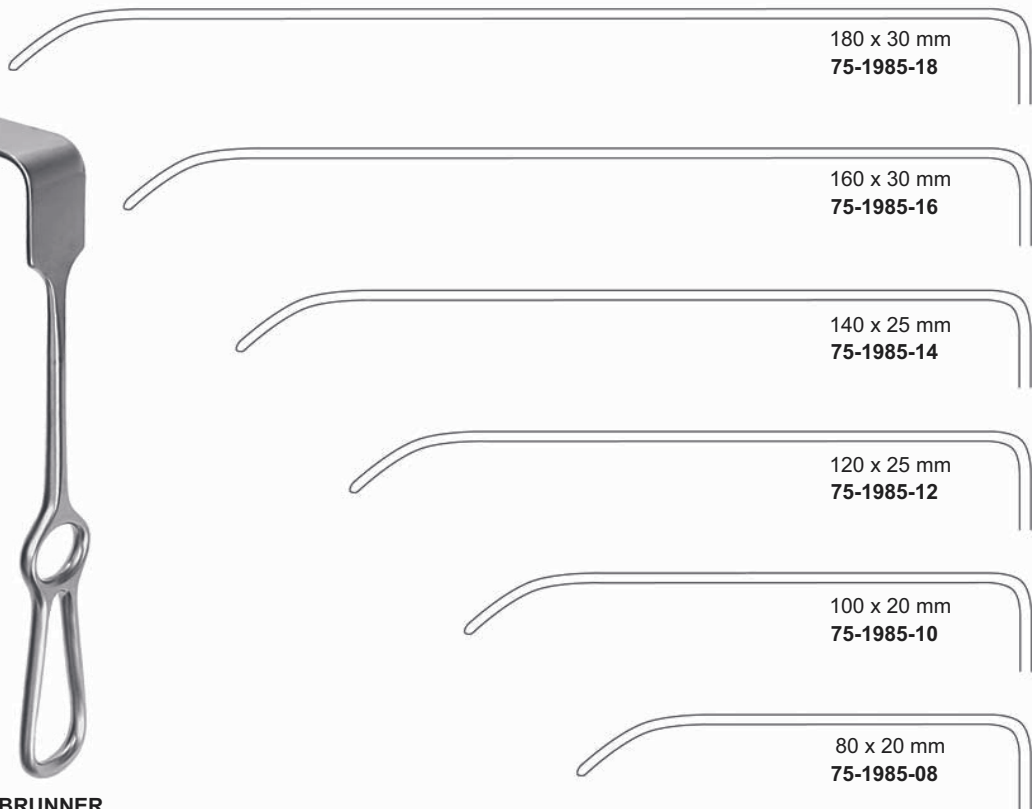
90 x 50 mm  
**75-1984-50**

75 x 25 mm  
**75-1984-25**

50 x 16 mm  
**75-1984-16**



**BRUNNER**  
25,0 cm, 10"



180 x 30 mm  
**75-1985-18**

160 x 30 mm  
**75-1985-16**

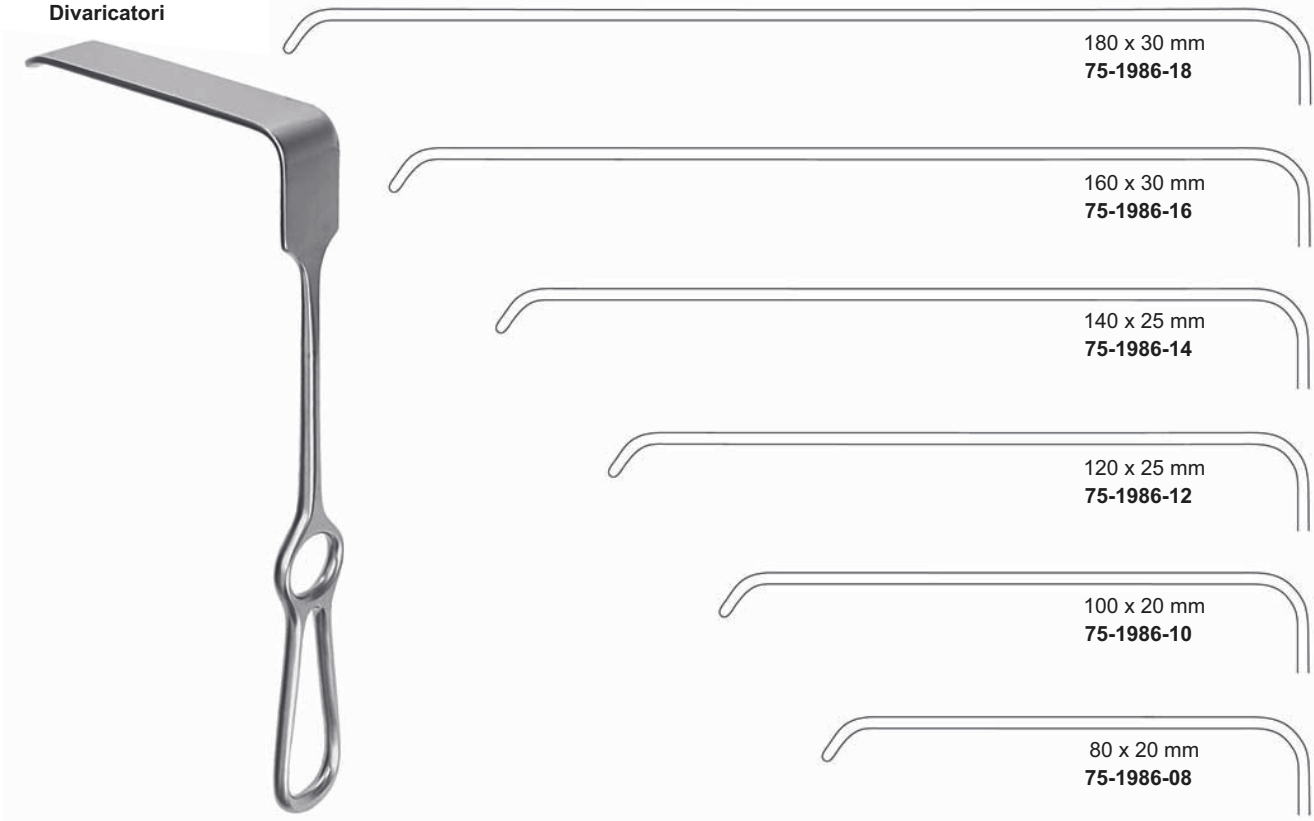
140 x 25 mm  
**75-1985-14**

120 x 25 mm  
**75-1985-12**

100 x 20 mm  
**75-1985-10**

80 x 20 mm  
**75-1985-08**

Wundhaken  
Retractors  
Separadores  
Divaricatori



**BRUNNER**  
25,0 cm, 10"

180 x 30 mm  
75-1986-18

160 x 30 mm  
75-1986-16

140 x 25 mm  
75-1986-14

120 x 25 mm  
75-1986-12

100 x 20 mm  
75-1986-10

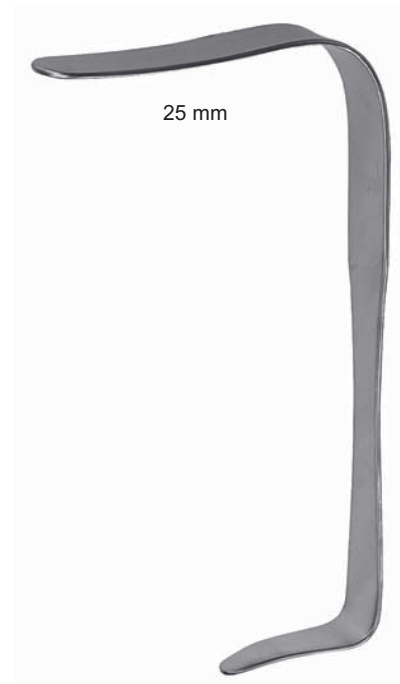
80 x 20 mm  
75-1986-08



**DEAVER**  
18,0 cm, 7"  
75-1987-18

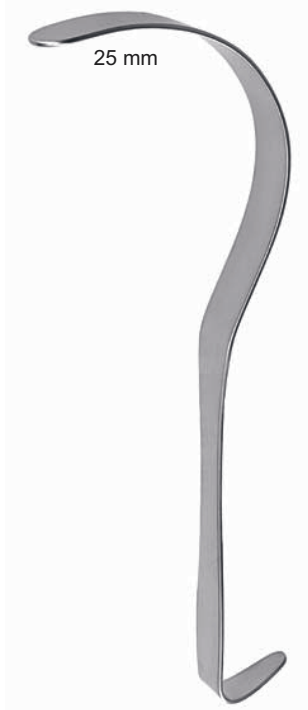


**DEAVER**  
21,5 cm, 8½"  
75-1987-22



**DEAVER**  
23,0 cm, 9"  
75-1987-23

Wundhaken  
Retractors  
Separadores  
Divaricatori



**DEAVER**  
30,0 cm, 11<sup>3</sup>/<sub>4</sub>"  
75-1987-30



**DEAVER**  
33,0 cm, 13"  
75-1987-33



**DEAVER**  
36,0 cm, 14<sup>1</sup>/<sub>8</sub>"  
75-1987-36



**DEAVER**  
30,0 cm, 11<sup>3</sup>/<sub>4</sub>"  
75-1987-38

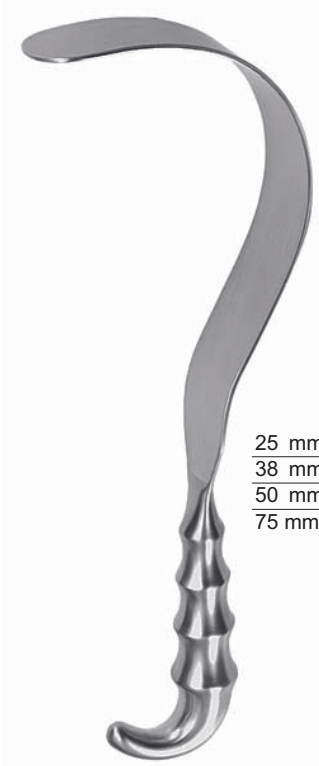


**DEAVER**  
30,0 cm, 11<sup>3</sup>/<sub>4</sub>"  
75-1987-50



**DEAVER**  
30,0 cm, 11<sup>3</sup>/<sub>4</sub>"  
75-1987-75

Wundhaken  
Retractors  
Separadores  
Divaricatori



25 mm	75-1988-25
38 mm	75-1988-38
50 mm	75-1988-50
75 mm	75-1988-75

**DEAVER GRIP**  
30,0 cm, 11<sup>3</sup>/<sub>4</sub>"



**ALLISON**

40 mm	30,0 cm, 11 <sup>3</sup> / <sub>4</sub> "	75-1989-30
54 mm	32,0 cm, 12 <sup>1</sup> / <sub>2</sub> "	75-1989-32



**DAVIDSON**

75 x 50 mm	16,0 cm, 6 <sup>1</sup> / <sub>4</sub> "	75-1990-50
75 x 90 mm	16,0 cm, 6 <sup>1</sup> / <sub>4</sub> "	75-1990-90



**ST MARKS**

