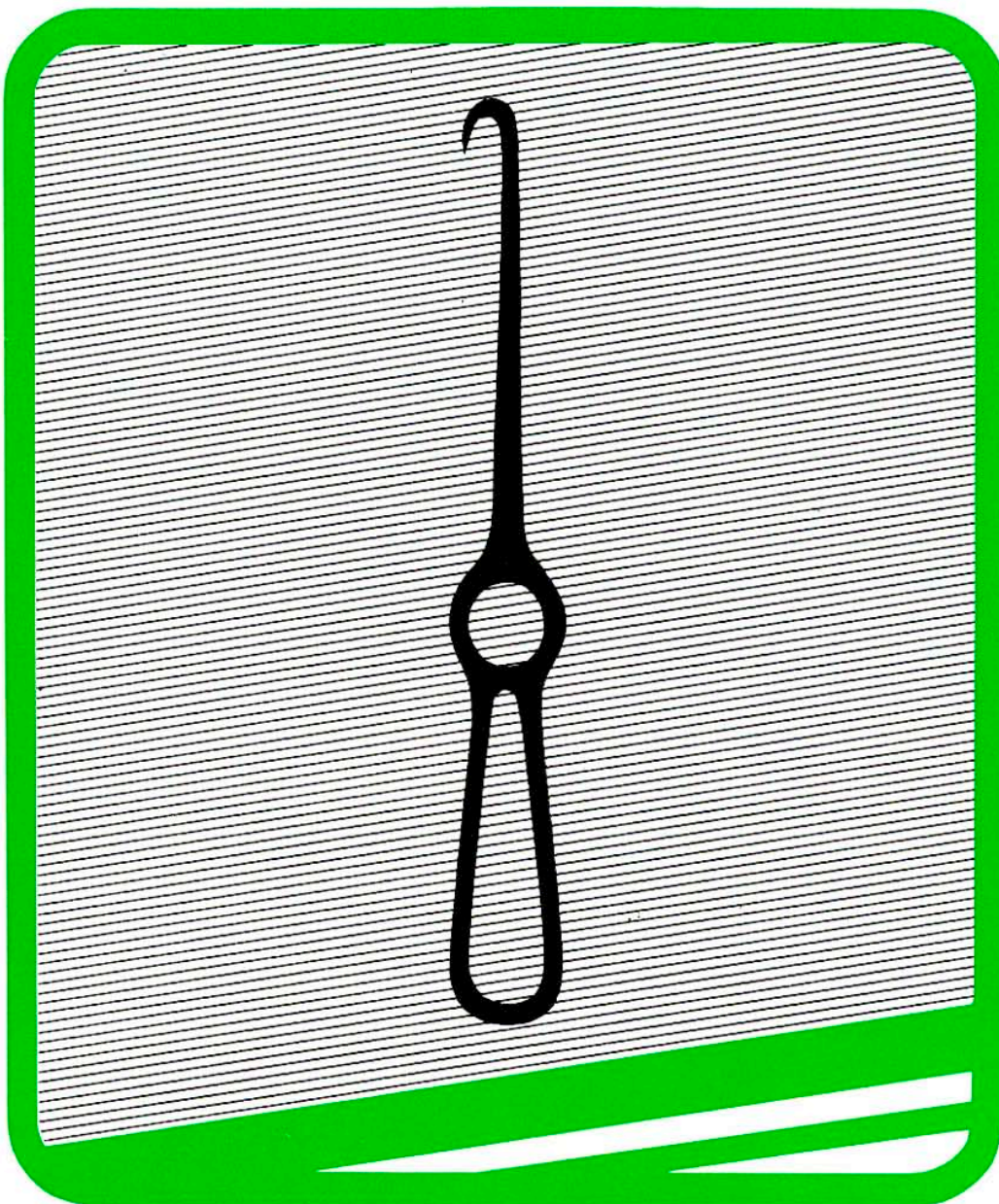
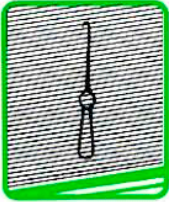
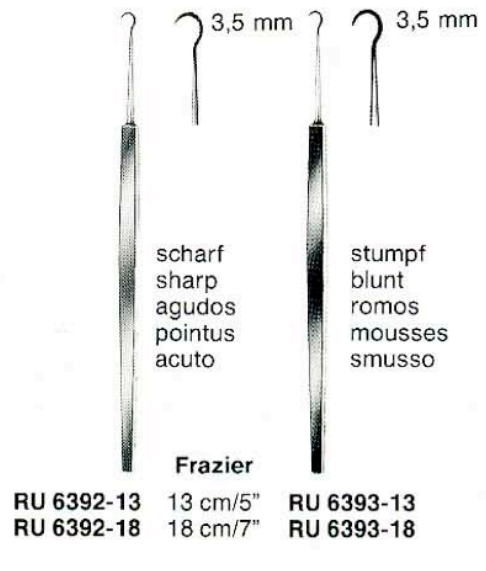
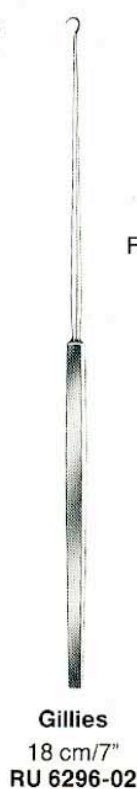
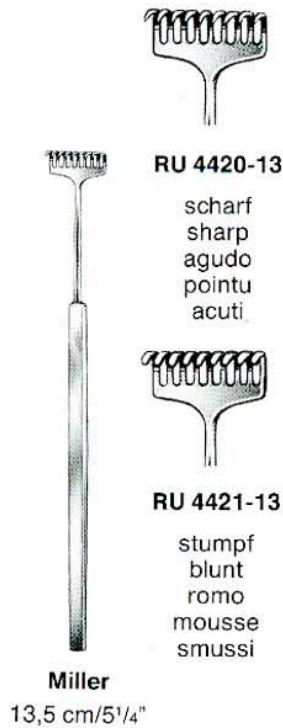


**Wundhaken**  
**Retractors**  
**Separadores y Ganchos**  
**Ecarteurs**  
**Divaricatori**



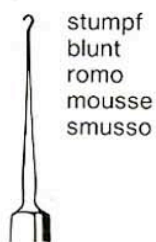
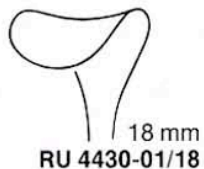
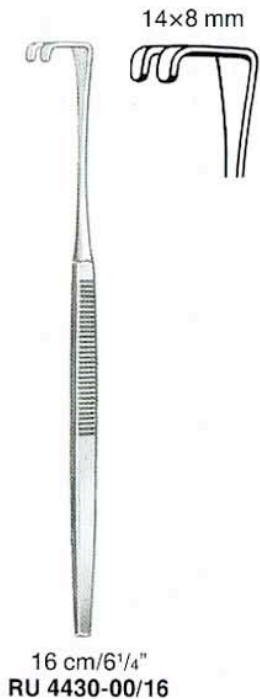
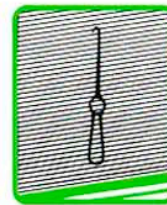


Wund- und Hauthäkchen (Nervhäkchen)  
 Wound and Nerve Hooks  
 Ganchos y ganchitos para nervios  
 Ecarteurs très fins et crochets à nerfs  
 Divaricatori fini (Uncini per nervi)

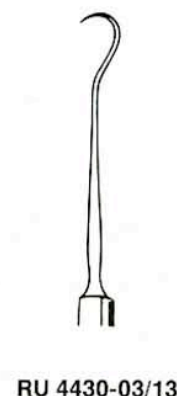
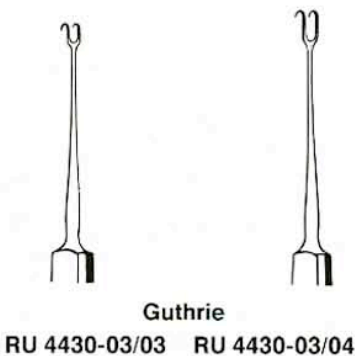
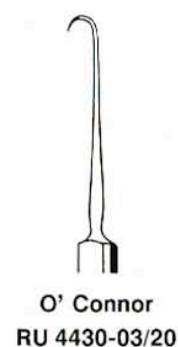
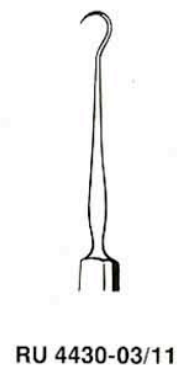
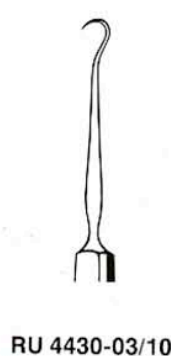




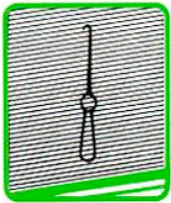
Wund- und Hauthäkchen  
 Wound and Nerve Hooks  
 Ganchos y ganchitos para nervios  
 Ecarteurs et crochets à nerfs  
 Divaricatori fini



Graefe  
 RU 4430-03/01 RU 4430-03/02



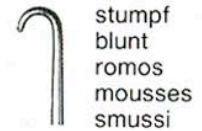




**Wund- und Trachealhäkchen**  
**Wound and Trachea Retractors**  
**Ganchos y Separadores tráqueales**  
**Ecarteurs et crochets pour trachéotomie**  
**Divaricatori – Uncini per tracheotomia**



RU 4431-01/01



RU 4431-02/01



RU 4431-01/02



RU 4431-02/02



RU 4431-01/03



RU 4431-02/03



RU 4431-01/04



RU 4431-02/04



flexibel  
 flexible  
 flexibles  
 flexibles  
 flessibile



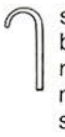
RU 4431-05/02



scharf  
 sharp  
 agudos  
 pointus  
 acuti



RU 4431-06/02



stumpf  
 blunt  
 romos  
 mousses  
 smussi



RU 4431-05/03



RU 4431-06/03



RU 4431-05/04



RU 4431-06/04



RU 4431-10/04



scharf  
 sharp  
 agudo  
 pointu  
 acuti



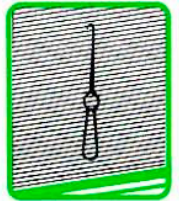
RU 4431-11/04



stumpf  
 blunt  
 romo  
 mousse  
 smussi



Hauthäkchen, Wund- und Trachealhäkchen  
Wound and Trachea Retractors  
Ganchos y Separadores tráqueales  
Ecarteurs pour trachéotomie  
Uncini per pelle, Uncini per tracheotomia



RU 4435-03

RU 4435-05

RU 4435-07

Kleinert-Kutz

13 cm/5"



RU 4436-01

Barsky

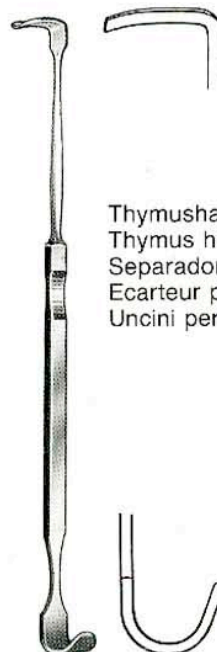
15 cm/6"

RU 4436-02



Humby

11,5 cm/4 1/2"  
RU 4437-00



Thymushaken  
Thymus hook  
Separador para el timo  
Ecarteur pour thymus  
Uncini per il timo

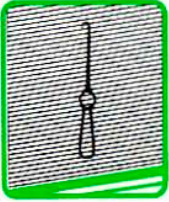
Lukens

17 cm/6 3/4"  
RU 4438-17



Jackson

17 cm/6 3/4"  
RU 4439-17



Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



biegsam  
malleable  
maleables  
souples  
malleabili

biegsam  
malleable  
maleables  
souples  
malleabili



12x14 mm



10 mm RU 4456-10  
15 mm RU 4456-15  
20 mm RU 4456-20  
30 mm RU 4456-30  
40 mm RU 4456-40  
50 mm RU 4456-50

**Gil-Vernet**  
24 cm/9 1/2"

24 cm/9 1/2"

**Little**  
20 cm/8"  
RU 4455-20

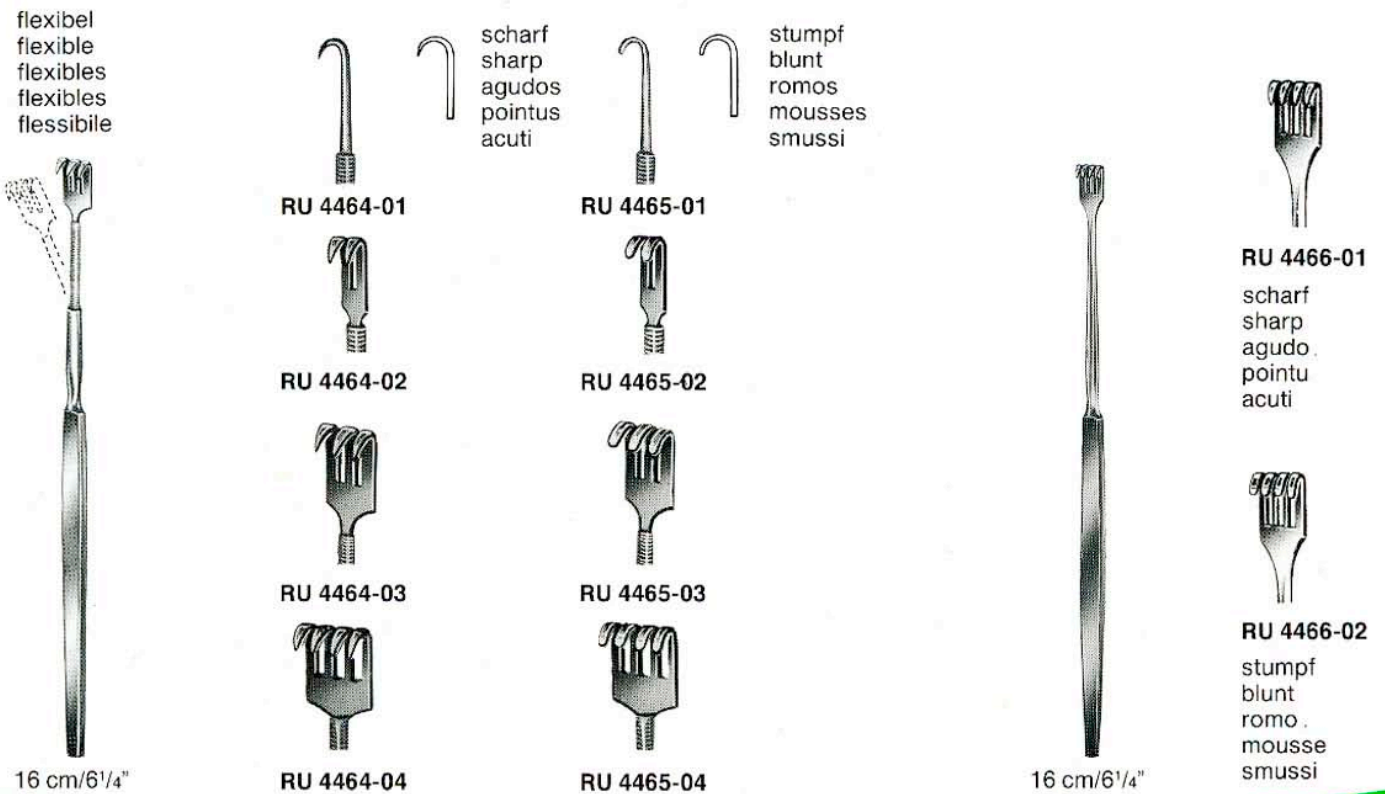
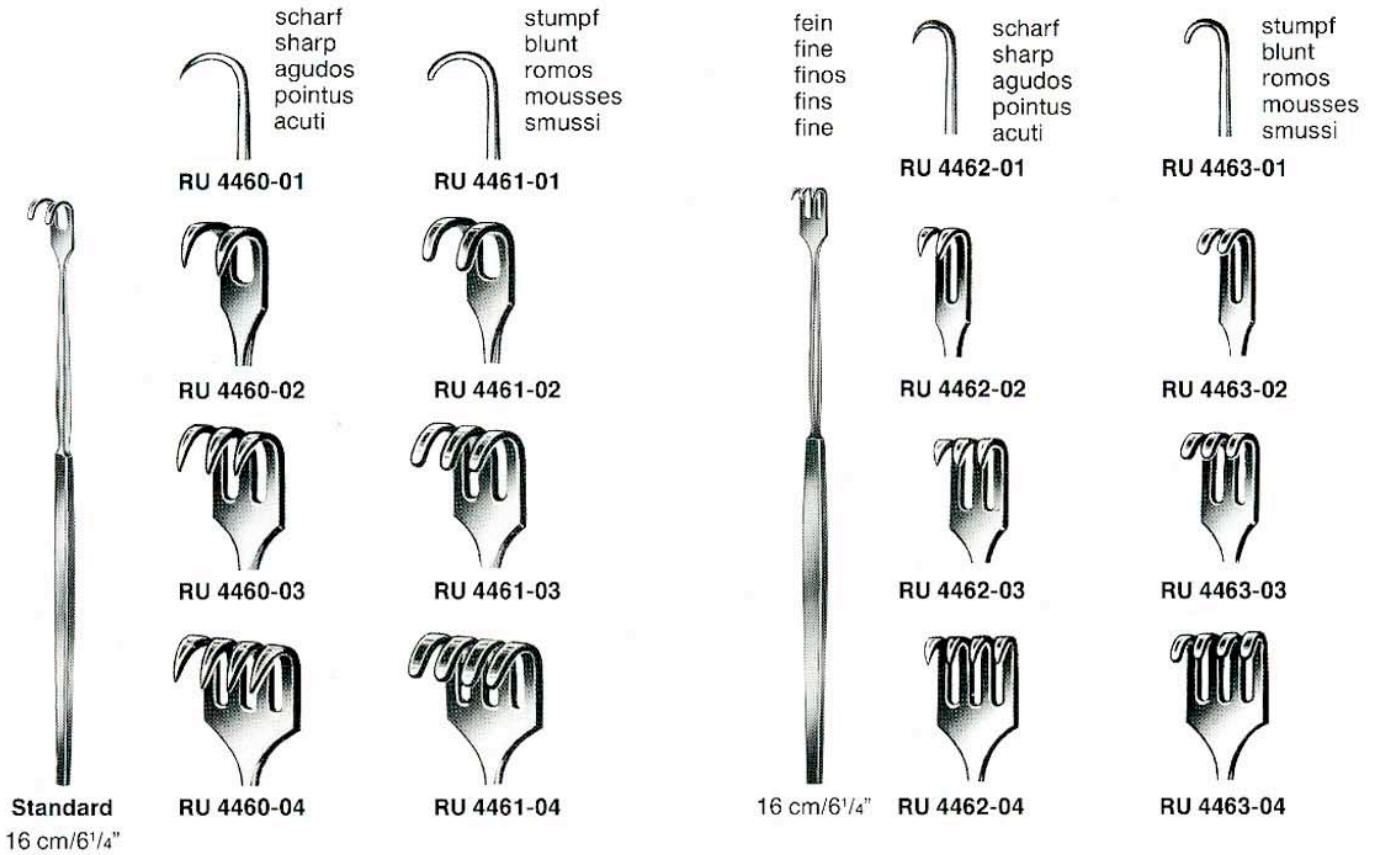
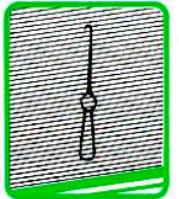
**Love (Morse)**  
25 cm/10"

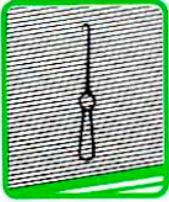
8 mm	RU 4449-08	RU 4450-08
11 mm	RU 4449-11	RU 4450-11
15 mm	RU 4449-15	RU 4450-15
17 mm	RU 4449-17	RU 4450-17
20 mm	RU 4449-20	RU 4450-20
23 mm	RU 4449-23	RU 4450-23





**Wund- und Trachealhäkchen**  
**Wound and Trachea Retractors**  
**Ganchos y Separadores para la tráquea**  
**Ecarteurs pour trachéotomie**  
**Divaricatori - Uncini per tracheotomia**





**Wund- und Trachealhäkchen**  
**Retractors – Trachea Retractors**  
**Separadores – Separadores tráqueales**  
**Ecarteurs – Ecarteurs pour trachéotomie**  
**Divaricatori – Uncini per tracheotomia**



13,5 cm/5 1/4"  
RU 4467-13



**Jackson**  
13 cm/5"  
RU 4468-13



**Bergmann**  
14 cm/5 1/2"  
RU 4469-14



**Iterson**  
16 cm/6 1/4"



RU 4471-01



RU 4471-02



**Meyerding**  
18 cm/7"



18x7 mm  
RU 4470-01



16x5 mm  
RU 4470-02



7x4 mm  
RU 4470-03



10x3 mm  
RU 4470-04



7x4 mm  
RU 4470-05



RU 4470-06



**Volkman**  
11,5 cm/4 1/2"



scharf  
sharp  
agudos  
pointus  
acuti

RU 4472-02



stumpf  
blunt  
romos  
mousses  
smussi

RU 4473-02



RU 4472-03



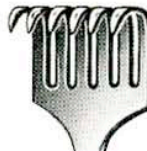
RU 4473-03



RU 4472-04



RU 4473-04



RU 4472-06

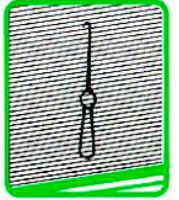


RU 4473-06

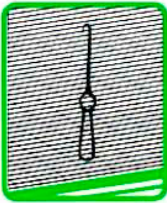




Wundhaken, Venenhaken  
 Wound-, Vein-Retractors  
 Ganchos para venas y la tráquea  
 Ecarteurs et crochets à veines  
 Divaricatori, Uncini per vene



 <b>Cushing</b> 20 cm/8"	RU 4474-08 8 mm 	RU 4474-58  <b>Cushing</b> 24 cm/9 1/2"	RU 4475-08 8 mm 	RU 4475-10 10 mm 
	RU 4474-10 10 mm 	RU 4474-60 	RU 4475-11 11 mm 	RU 4475-12 12 mm 
	RU 4474-12 12 mm 	RU 4474-62 	RU 4475-13 13 mm 	RU 4475-14 14 mm 
	RU 4474-14 14 mm 	RU 4474-64 	RU 4475-15 15 mm 	RU 4475-16 16 mm 
	RU 4474-16 16 mm 	RU 4474-66 	RU 4475-18 18 mm 	
	RU 4474-18 18 mm 	RU 4474-68 	 <b>Desmarres</b> 13 cm/5"	
 <b>König</b> 17 cm/6 3/4"	 13x13 mm RU 4476-13	 <b>Rose</b> 13 cm/5" RU 4477-13	 13x16 mm RU 4476-16	 12x4 mm
		 <b>Crile</b> 11 cm/4 1/2" RU 4478-11	 20x6 mm	 <b>Luer</b> 11 cm/4 1/2" RU 4479-11



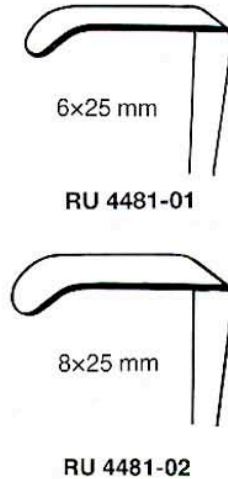
**Wundhaken, Sehenscheidenhaken**  
**Retractors, Tendon Sheath Hooks**  
**Separadores, Ganchos para tendones**  
**Ecarteurs, Ecarteurs pour la gaine synoviale tendineuse**  
**Divaricatori, Uncini per tendini**



**Cushing-Kocher**  
 18 cm/7"  
 RU 4480-18



**Langenbeck-Green**  
 17 cm/6<sup>3</sup>/<sub>4</sub>"



6x25 mm

RU 4481-01

8x25 mm

RU 4481-02



**Strandell-Stille**  
 19 cm/7<sup>1</sup>/<sub>2</sub>"

Sehenscheidenhaken  
 Tendon sheath hooks  
 Ganchos para tendones  
 Ecarteur pour la gaine  
 synoviale tendineuse  
 Uncini per tendini



RU 4482-01



RU 4482-02

gezahnt  
 toothed  
 dentado  
 dentelé  
 dentellato

Sehenscheidenhaken  
 Tendon sheath hooks  
 Ganchos para tendones  
 Ecarteur pour la gaine  
 synoviale tendineuse  
 Uncini per tendini



**Klapp**  
 17,5 cm/7"



RU 4483-01



RU 4483-02



RU 4483-03

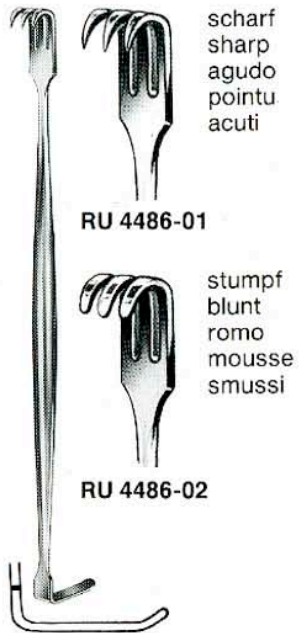
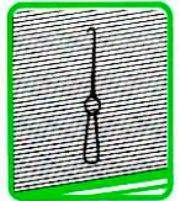


**Cushing**  
 20 cm/8"  
 RU 4485-20

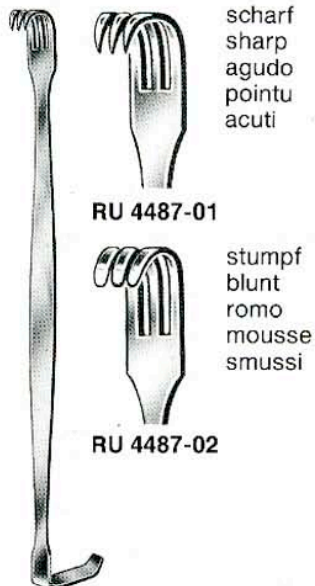
Dekompressionshaken  
 Decompression hook  
 Gancho para descompresión  
 Ecarteur de décompression  
 Divaricatore a decompressione



Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



**Senn-Miller**  
16 cm/6 1/4"



**Baby-Senn-Miller**  
16 cm/6 1/4"



**Ragnell-Davis**  
14 cm/5 1/2"  
RU 4488-14

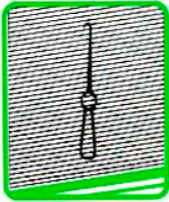


**Senn-Green**  
15 cm/6"

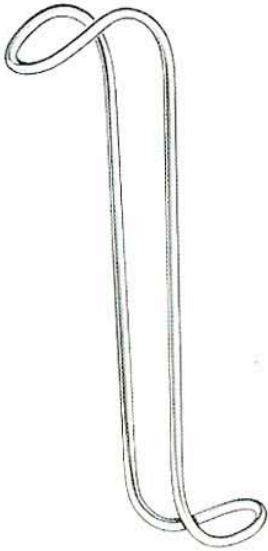


**Langenbeck-Green**  
16 cm/6 1/4"





Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



**Collin-Hartmann**

Satz · set · juego jeu · serie	<b>RU 4491-00</b>
14 cm/5 1/2"	<b>RU 4491-01</b>
16 cm/6"	<b>RU 4491-02</b>



**Roux**

Satz · set · juego jeu · serie	<b>RU 4492-00</b>
14 cm/5 1/2"	Fig. 1 <b>RU 4492-01</b>
15 cm/6"	Fig. 2 <b>RU 4492-02</b>
17 cm/6 3/4"	Fig. 3 <b>RU 4492-03</b>

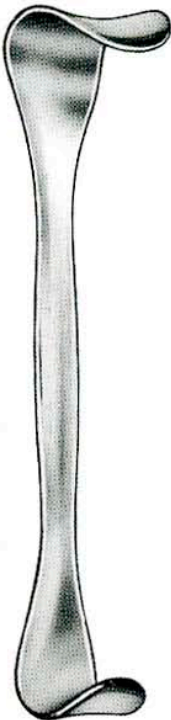


**Baby-Roux**  
13 cm/5"  
**RU 4492-13**



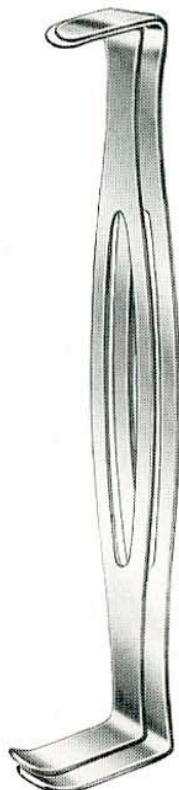
**Mini-Roux**  
14 cm/5 1/2"  
**RU 4492-14**

37x40 mm



**Goelet**

19 cm/7 1/2"  
**RU 4493-19**



**Parker-Langenbeck  
(US-Army)**

21 cm/8 1/4"  
**RU 4494-21**

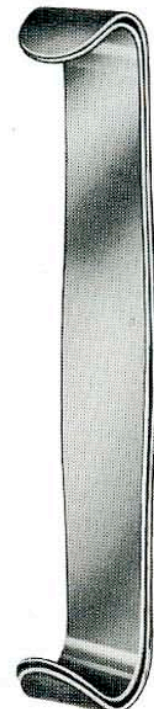
Satz  
set  
juego  
jeu  
serie



**Parker**

13,5 cm/5 1/4"  
**RU 4495-13**

Satz  
set  
juego  
jeu  
serie



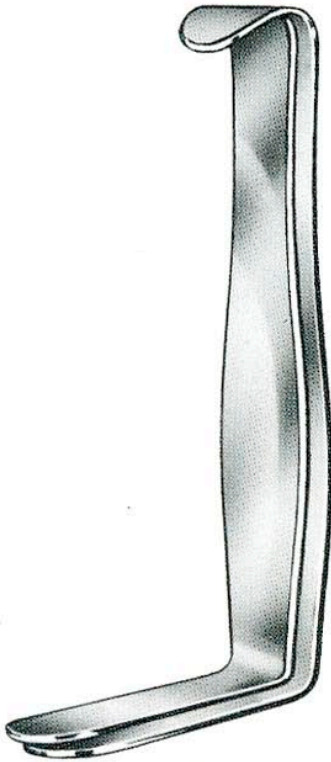
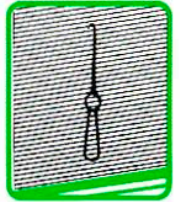
**Parker**

18 cm/7"  
**RU 4495-18**

Satz  
set  
juego  
jeu  
serie

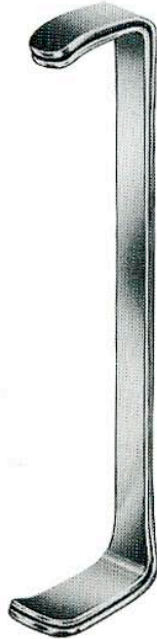


Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



**Parker-Mott**  
16 cm/6 $\frac{1}{4}$ "  
RU 4496-00

Satz  
set  
juego  
jeu  
serie



**Farabeuf**  
12 cm/4 $\frac{3}{4}$ "  
RU 4497-12

Satz  
set  
juego  
jeu  
serie



**Farabeuf**  
15 cm/6"  
RU 4497-15

Satz  
set  
juego  
jeu  
serie



**Collin**  
16,5 cm/6 $\frac{1}{2}$ "  
RU 4498-00

Satz  
set  
juego  
jeu  
serie



**Mayo-Collin**  
15 cm/6"  
RU 4498-50/15

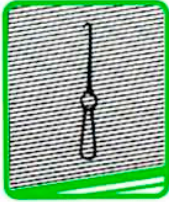
Satz  
set  
juego  
jeu  
serie



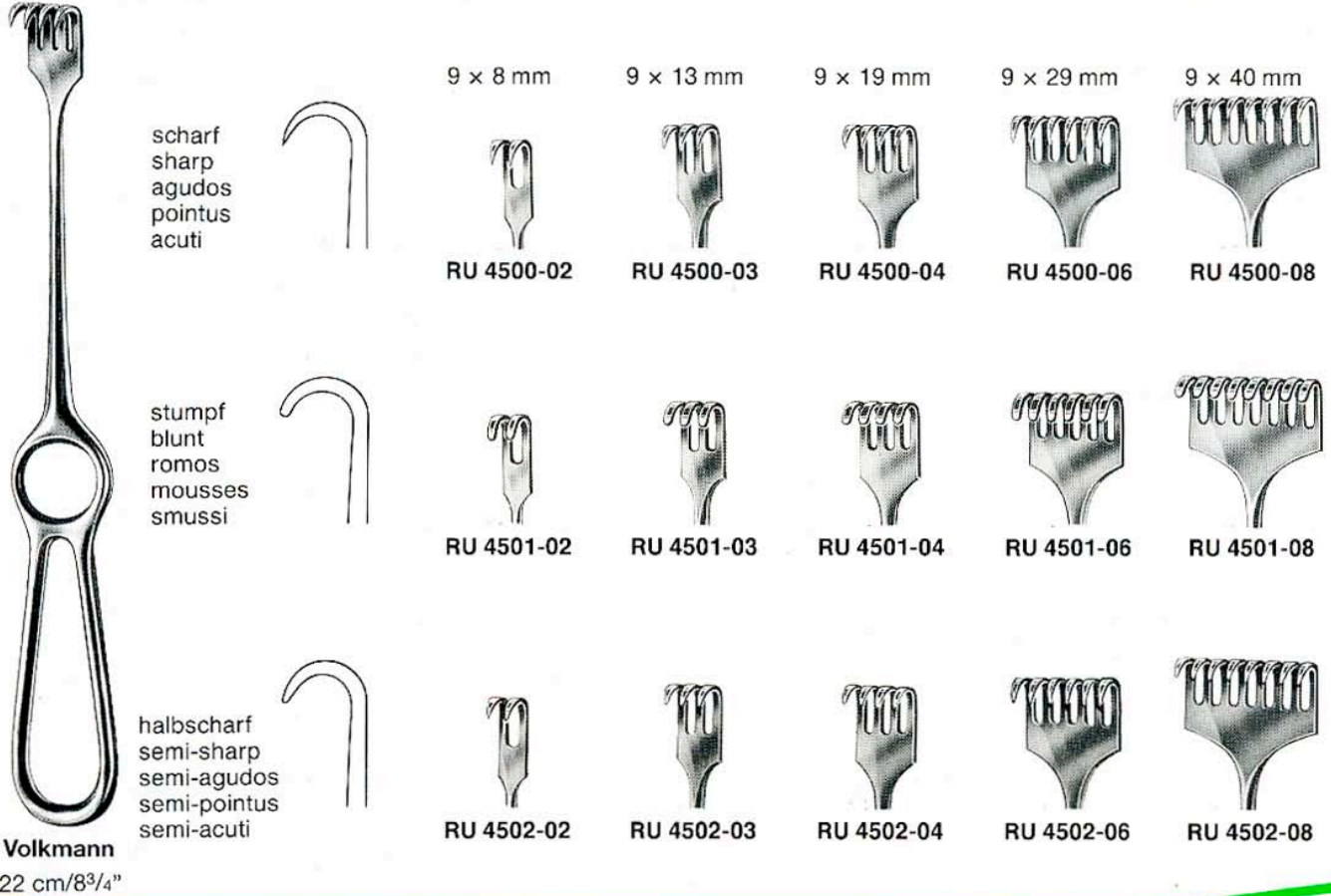
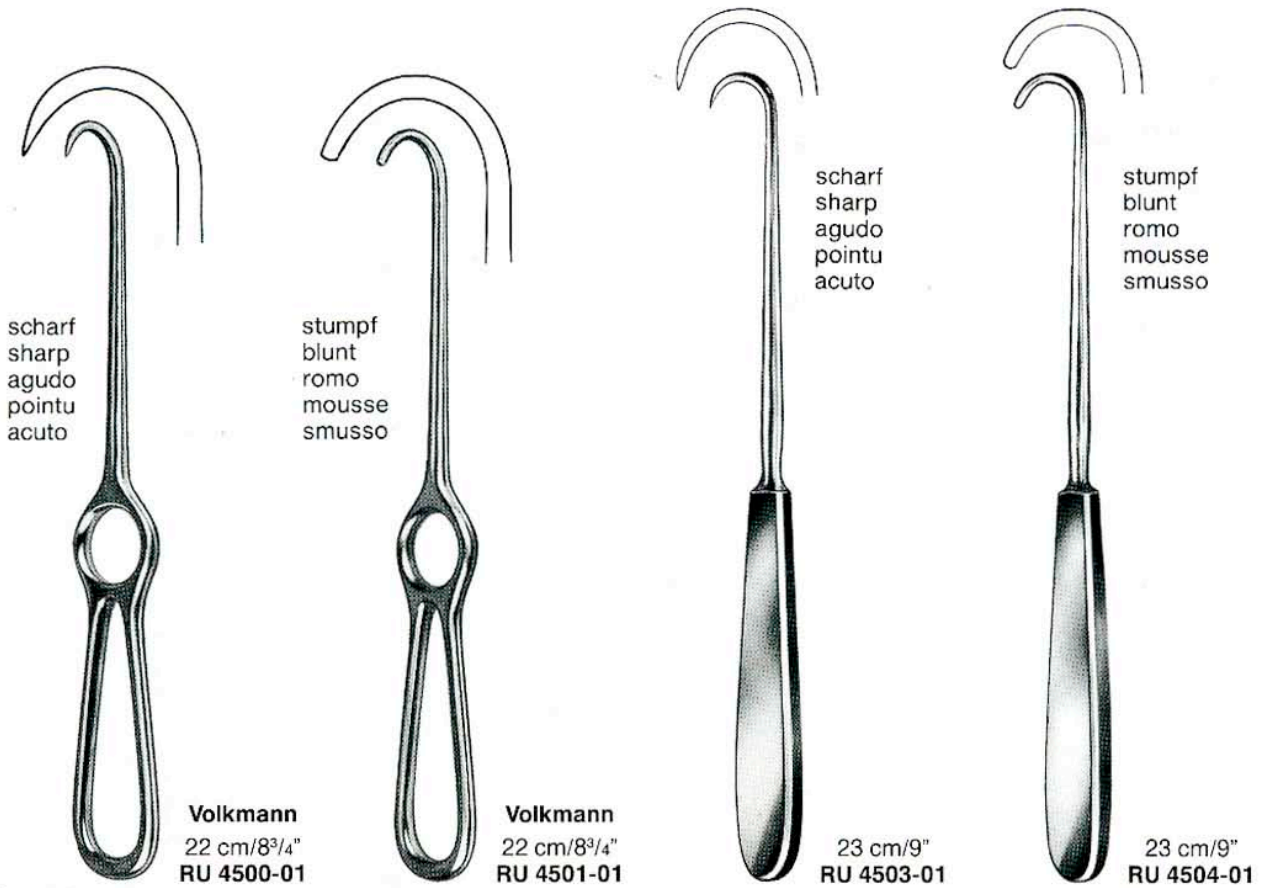
**Mathieu**  
19 cm/7 $\frac{1}{2}$ "  
RU 4499-00

Satz  
set  
juego  
jeu  
serie





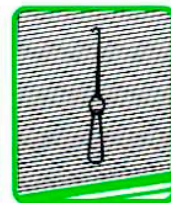
**Wundhaken, Knochenhaken**  
**Retractors, Bone Retractors**  
**Separadores, Separadores oseos**  
**Ecarteurs, Ecarteurs à os**  
**Divaricatori, Divaricatori per ossa**







**Wundhaken, Knochenhaken**  
**Retractors, Bone Retractors**  
**Separadores, Separadores oseos**  
**Ecarteurs, Ecarteurs à os**  
**Divaricatori, Divaricatori per ossa**



**Volkman**  
23 cm/9"



scharf  
sharp  
agudos  
pointus  
acuti

9 x 8 mm



RU 4503-02

9 x 13 mm



RU 4503-03

9 x 19 mm



RU 4503-04

9 x 29 mm



RU 4503-06



stumpf  
blunt  
romos  
mousses  
smussi



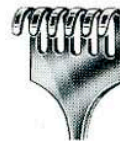
RU 4504-02



RU 4504-03



RU 4504-04



RU 4504-06



halbscharf  
semi-sharp  
semi-agudos  
semi-pointus  
semi-acuti



RU 4505-02



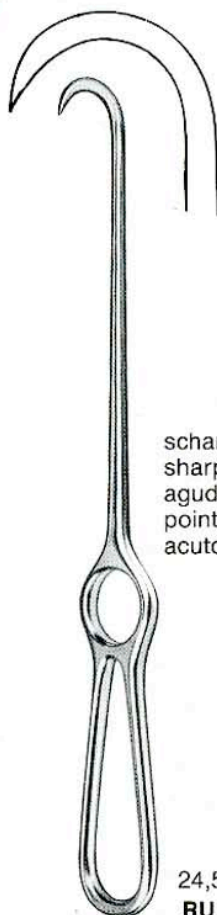
RU 4505-03



RU 4505-04

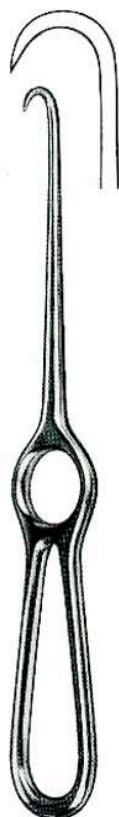


RU 4505-06



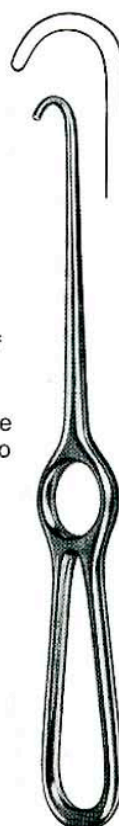
scharf  
sharp  
agudo  
pointu  
acuto

24,5 cm/9<sup>3</sup>/<sub>4</sub>"  
RU 4506-24



scharf  
sharp  
agudo  
pointu  
acuto

**Kocher**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4506-01



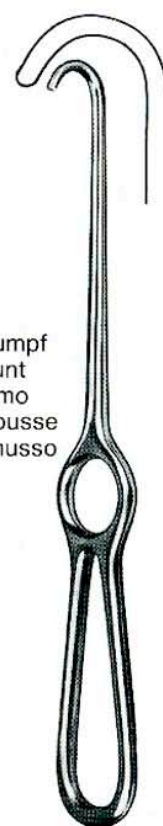
stumpf  
blunt  
romo  
mousse  
smusso

**Kocher**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4507-01



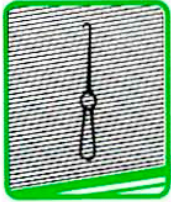
scharf  
sharp  
agudo  
pointu  
acuto

**Kocher**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4506-11



stumpf  
blunt  
romo  
mousse  
smusso

**Kocher**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4507-11



**Wundhaken, Knochenhaken**  
**Retractors, Bone Retractors**  
**Separadores, Separadores oseos**  
**Ecarteurs, Ecarteurs à os**  
**Divaricatori, Divaricatori per ossa**



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

scharf  
 sharp  
 agudos  
 pointus  
 acuti



15 x 10 mm



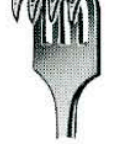
RU 4506-02

15 x 15 mm



RU 4506-03

15 x 20 mm



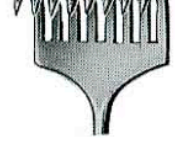
RU 4506-04

15 x 30 mm



RU 4506-06

15 x 40 mm



RU 4506-08

stumpf  
 blunt  
 romos  
 mousses  
 smussi



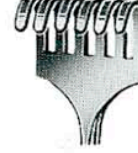
RU 4507-02



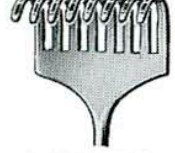
RU 4507-03



RU 4507-04

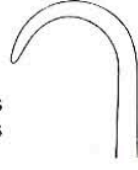


RU 4507-06



RU 4507-08

halbscharf  
 semi-sharp  
 semi-agudos  
 semi pointus  
 semi-acuti



RU 4508-02



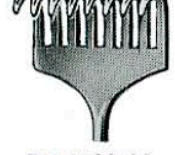
RU 4508-03



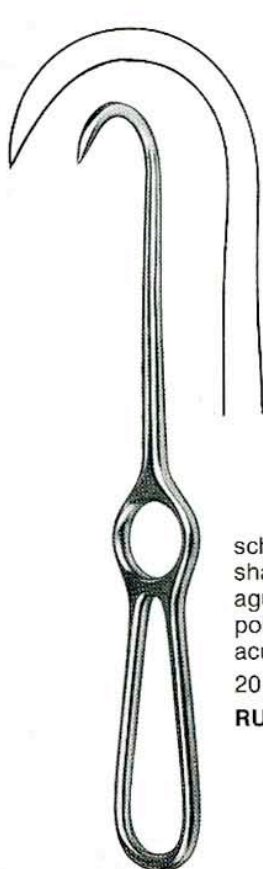
RU 4508-04



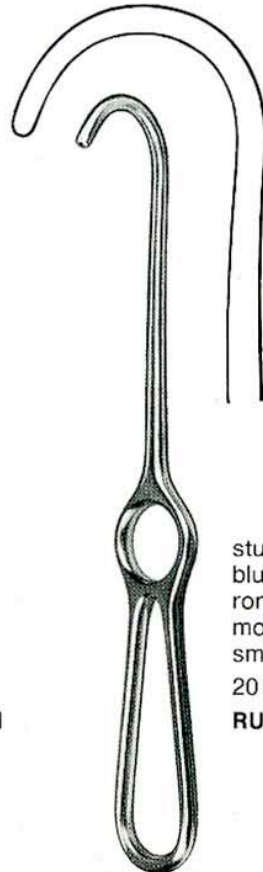
RU 4508-06



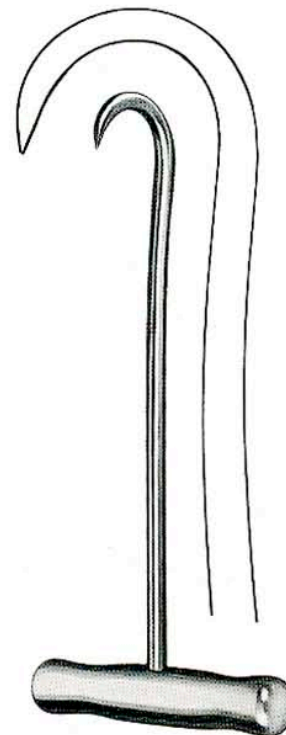
RU 4508-08



scharf  
 sharp  
 agudo  
 pointu  
 acuto  
 20 cm/8"  
**RU 4506-51**



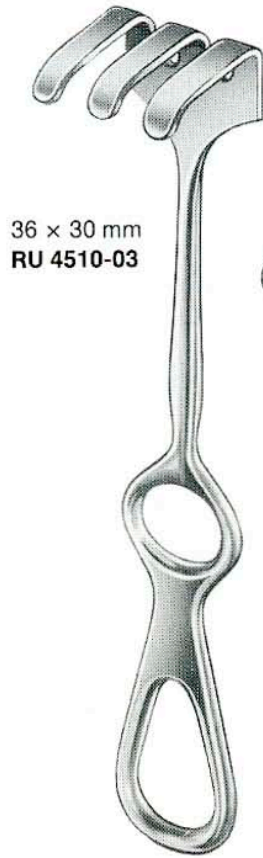
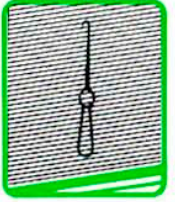
stumpf  
 blunt  
 romo  
 mousse  
 smusso  
 20 cm/8"  
**RU 4507-51**



scharf  
 sharp  
 agudo  
 pointu  
 acuto  
 17 cm/6<sup>3</sup>/<sub>4</sub>"  
**RU 4509-14**



Wundhaken  
 Retractors  
 Separadores  
 Ecarteurs  
 Divaricatori



36 x 30 mm  
 RU 4510-03



36 x 55 mm  
 RU 4510-04

Ollier  
 22,5 cm/9"



scharf  
 sharp  
 agudos  
 pointus  
 acuti



RU 4514-02



RU 4514-03



RU 4514-04



RU 4514-06

stumpf  
 blunt  
 romos  
 mousses  
 smussi



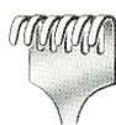
RU 4515-02



RU 4515-03



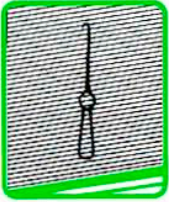
RU 4515-04



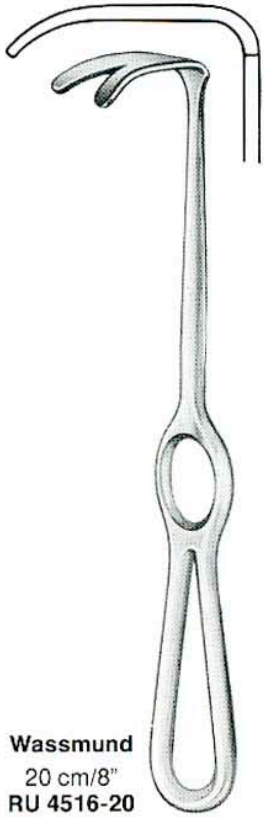
RU 4515-06

Murphy  
 19,5 cm/7<sup>3</sup>/<sub>4</sub>"





**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**

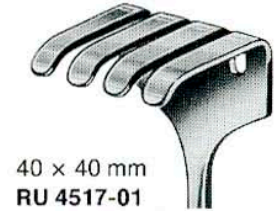


**Wassmund**  
20 cm/8"  
RU 4516-20



45 x 50 mm  
RU 4517-02

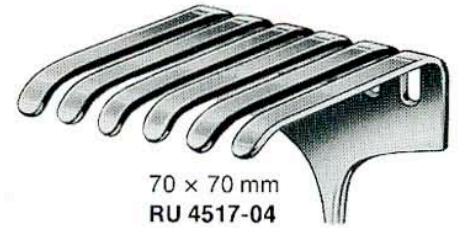
**Israel**  
25 cm/10"



40 x 40 mm  
RU 4517-01



50 x 60 mm  
RU 4517-03



70 x 70 mm  
RU 4517-04



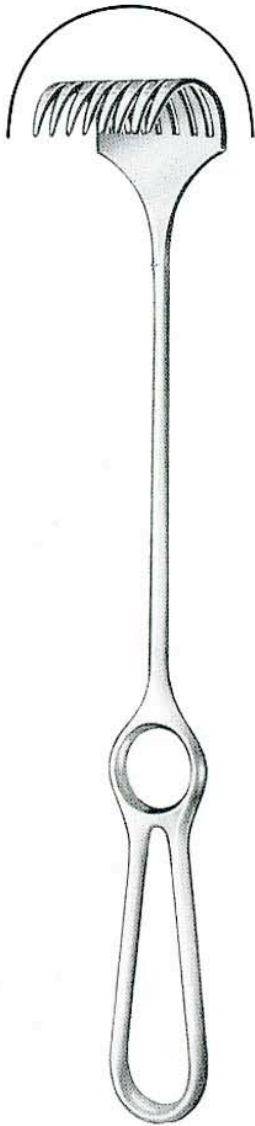
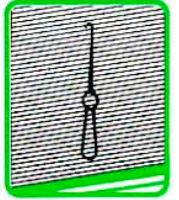
46 x 55 mm

**Körte**  
23 cm/9"  
RU 4518-00

Griff vertikal  
vertical handle  
mango vertical  
manche vertical  
impugnatura verticale



**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



**Körte-Wagner**  
28 cm/11"  
RU 4518-01/28

Griff vertikal  
vertical handle  
mango vertical  
manche vertical  
impugnatura verticale



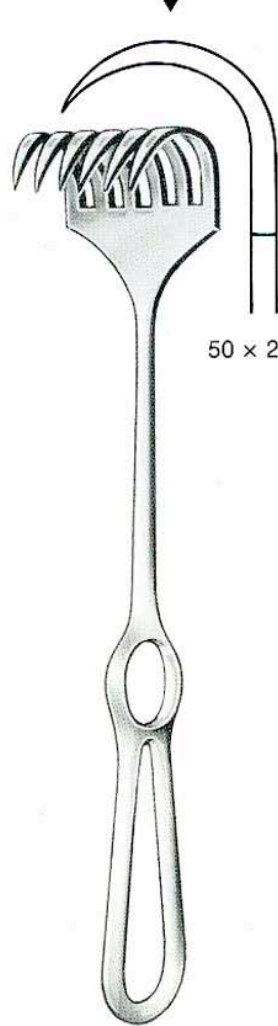
**Körte**  
24 cm/9 1/2"

scharf  
sharp  
agudo  
pointu  
acuti  
26 x 40 mm  
RU 4519-01



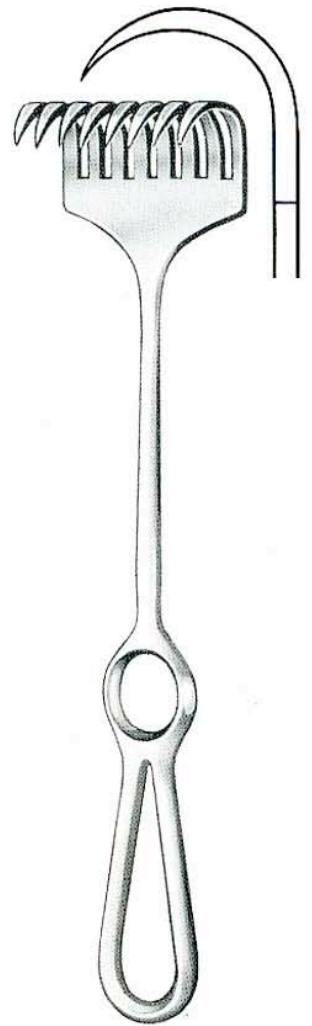
stumpf  
blunt  
romo  
mousse  
smussi  
26 x 40 mm  
RU 4519-02

Griff vertikal  
vertical handle  
mango vertical  
manche vertical  
impugnatura verticale

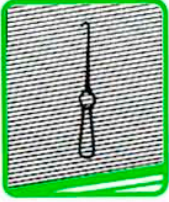


50 x 25 mm

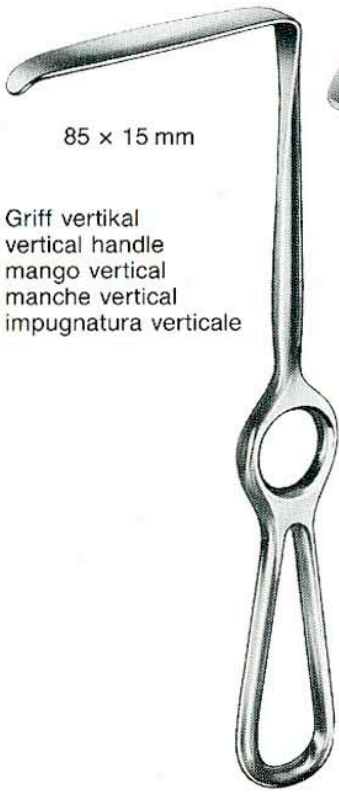
24 cm/9 1/2"  
RU 4521-06



25 cm/10"  
RU 4521-08



**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



85 x 15 mm

Griff vertikal  
vertical handle  
mango vertical  
manche verticale  
impugnatura verticale

**Langenbeck**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4522-00/21



55 x 20 mm  
RU 4522-01

63 x 20 mm  
RU 4522-02

60 x 20 mm  
RU 4522-05

**Langenbeck**  
21 cm/8<sup>1</sup>/<sub>4</sub>"



35 x 7 mm  
RU 4523-01

35 x 10 mm  
RU 4523-02

35 x 15 mm  
RU 4523-03

60 x 20 mm  
RU 4523-04

**Langenbeck**  
21 cm/8<sup>1</sup>/<sub>4</sub>"



28 x 6 mm  
RU 4525-19

**Lahey**  
19 cm/7<sup>1</sup>/<sub>2</sub>"



**Sauerbruch**  
22,5 cm/9"  
45 x 15 mm RU 4526-01  
55 x 23 mm RU 4526-02  
72 x 20 mm RU 4526-03



RU 4530-01 30 x 11 mm  
RU 4530-02 30 x 14 mm  
RU 4530-03 33 x 14 mm  
RU 4530-04 30 x 16 mm  
RU 4530-05 40 x 11 mm  
RU 4530-06 42 x 13 mm  
RU 4530-07 50 x 11 mm

**Langenbeck**  
21 cm/8<sup>1</sup>/<sub>4</sub>"



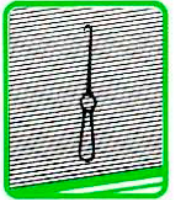
RU 4531-01  
RU 4531-05  
RU 4531-06

**Langenbeck**  
22 cm/8<sup>3</sup>/<sub>4</sub>"





**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



38 × 20 mm

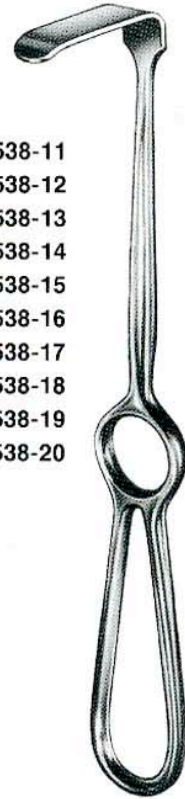
**Kocher**  
22 cm/8<sup>3</sup>/<sub>4</sub>"  
RU 4535-01



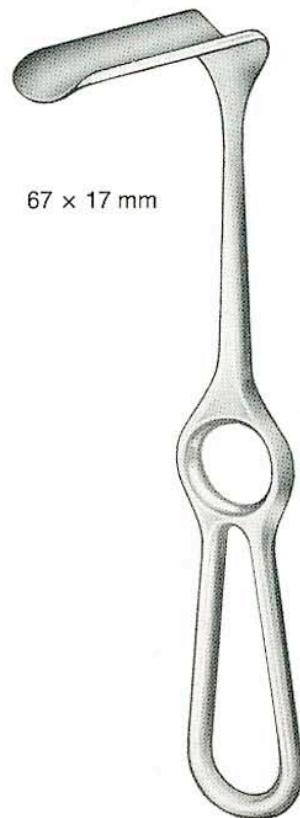
19 × 12 mm  
RU 4536-01  
21 × 15 mm  
RU 4536-02

**Kocher**  
19 cm/7<sup>1</sup>/<sub>2</sub>"

25 × 6 mm    **RU 4538-11**  
25 × 8 mm    **RU 4538-12**  
35 × 8 mm    **RU 4538-13**  
35 × 11 mm    **RU 4538-14**  
35 × 15 mm    **RU 4538-15**  
40 × 11 mm    **RU 4538-16**  
55 × 11 mm    **RU 4538-17**  
70 × 14 mm    **RU 4538-18**  
80 × 12 mm    **RU 4538-19**  
80 × 16 mm    **RU 4538-20**

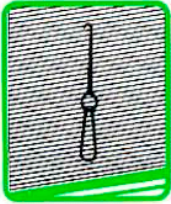


**Kocher-Langenbeck**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"



67 × 17 mm

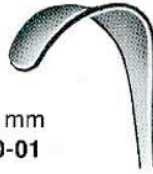
**Caspar**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
RU 4537-21



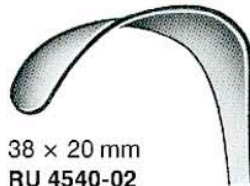
**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



22 x 15 mm  
RU 4540-01



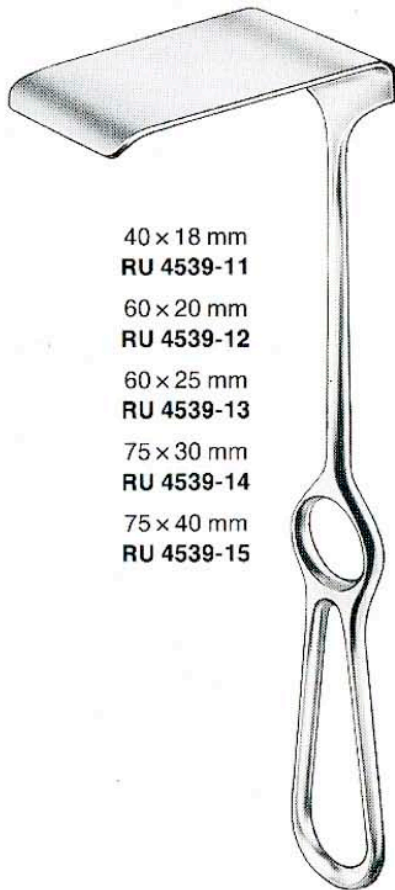
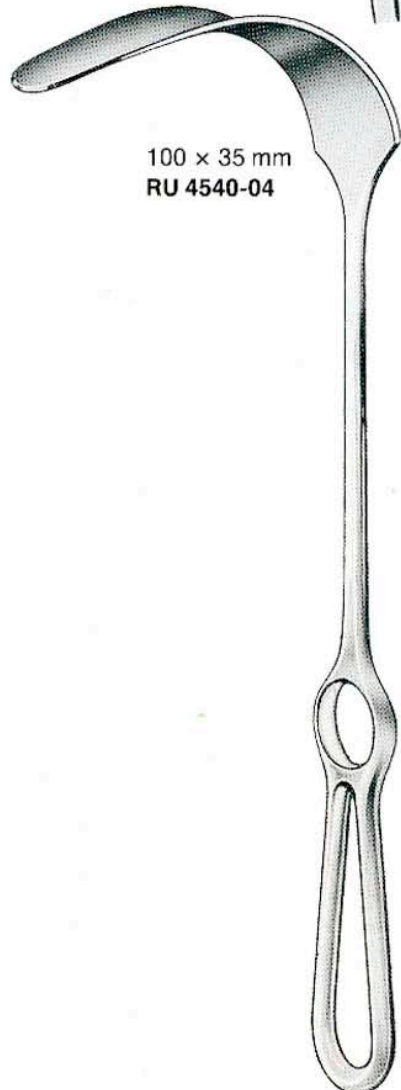
38 x 20 mm  
RU 4540-02



67 x 25 mm  
RU 4540-03



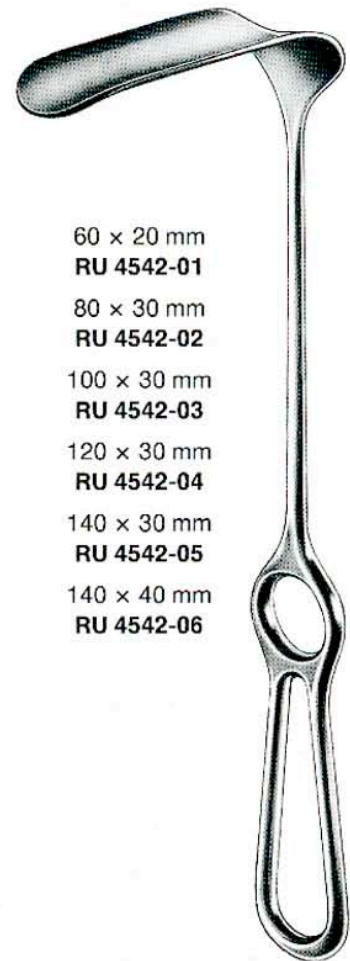
100 x 35 mm  
RU 4540-04



40 x 18 mm  
RU 4539-11  
60 x 20 mm  
RU 4539-12  
60 x 25 mm  
RU 4539-13  
75 x 30 mm  
RU 4539-14  
75 x 40 mm  
RU 4539-15

**Kocher**  
23 cm/9"

60 x 20 mm  
RU 4542-01  
80 x 30 mm  
RU 4542-02  
100 x 30 mm  
RU 4542-03  
120 x 30 mm  
RU 4542-04  
140 x 30 mm  
RU 4542-05  
140 x 40 mm  
RU 4542-06

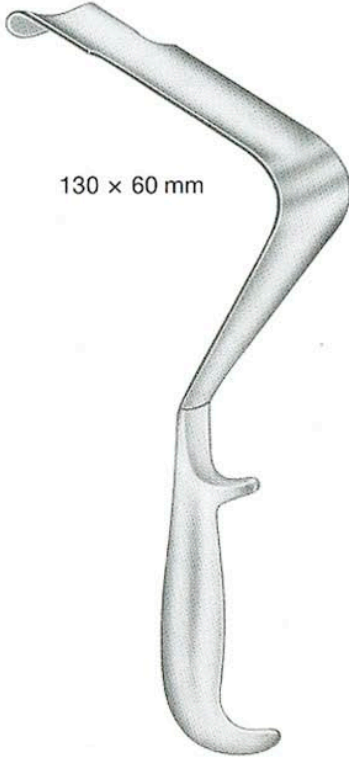
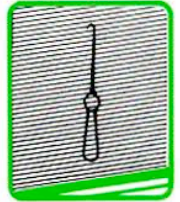


**Kocher-Wagner**  
28 cm/11"

**Hösel**  
25 cm/10"

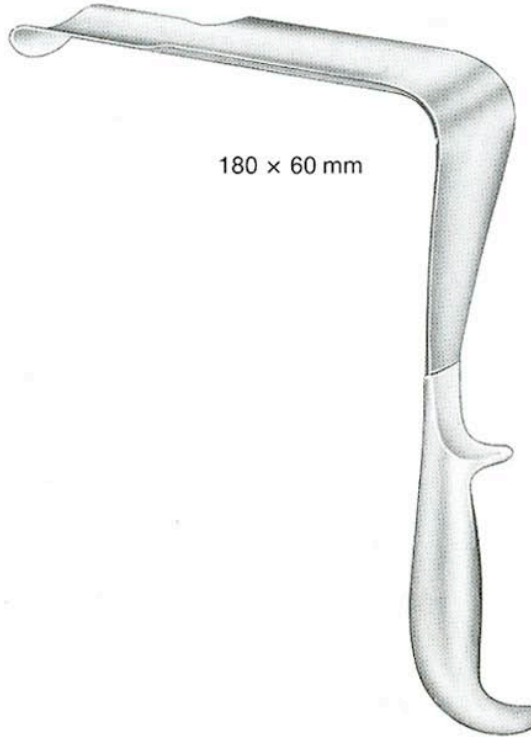


Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



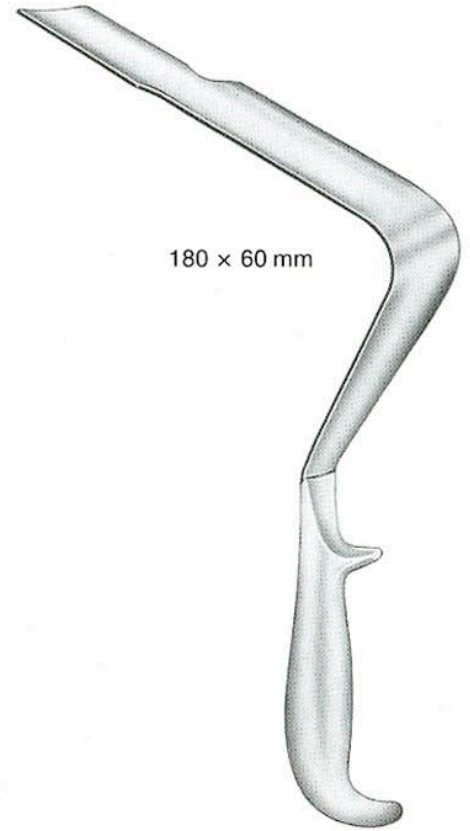
130 x 60 mm

St. Marks  
29 cm/11 1/2"  
RU 4543-00/29



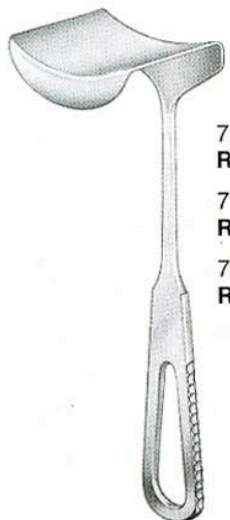
180 x 60 mm

St. Marks  
32,5 cm/12 3/4"  
RU 4543-00/32



180 x 60 mm

St. Marks  
33 cm/13"  
RU 4543-00/33



70 x 40 mm  
RU 4544-01/40  
70 x 50 mm  
RU 4544-01/50  
70 x 65 mm  
RU 4544-01/65

Morris  
21 cm/8 1/4"



19 cm/7 1/2", 16 mm  
RU 4544-47  
19 cm/7 1/2", 20 mm  
RU 4544-48  
20 cm/8", 25 mm  
RU 4544-49

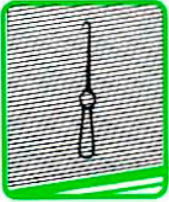
Canny-Ryall



32 x 50 mm/38 x 50 mm  
RU 4544-03/01  
45 x 50 mm/50 x 50 mm  
RU 4544-03/02  
65 x 50 mm/38 x 50 mm  
RU 4544-03/03

Morris  
24 cm/9 1/2"

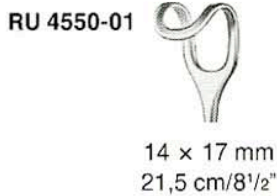
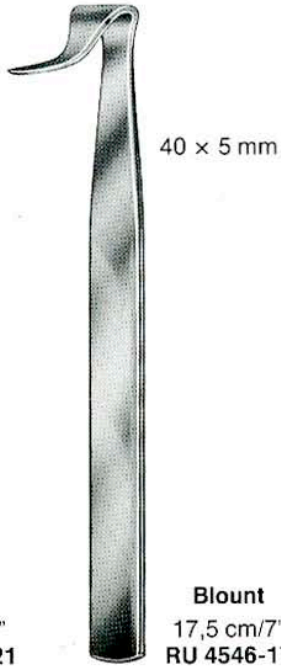




**Meniskushaken, Wundhaken**  
**Retractors and Meniscus Retractors**  
**Separadores y Separadores para menisco**  
**Ecarteurs et Ecarteurs pour le ménisque**  
**Divaricatori e Divaricatori per il menisco**



Meniskushaken  
 Meniscus retractors  
 Separadores para menisco  
 Ecarteurs pour le ménisque  
 Divaricatori per il menisco



RU 4551-01



RU 4551-02

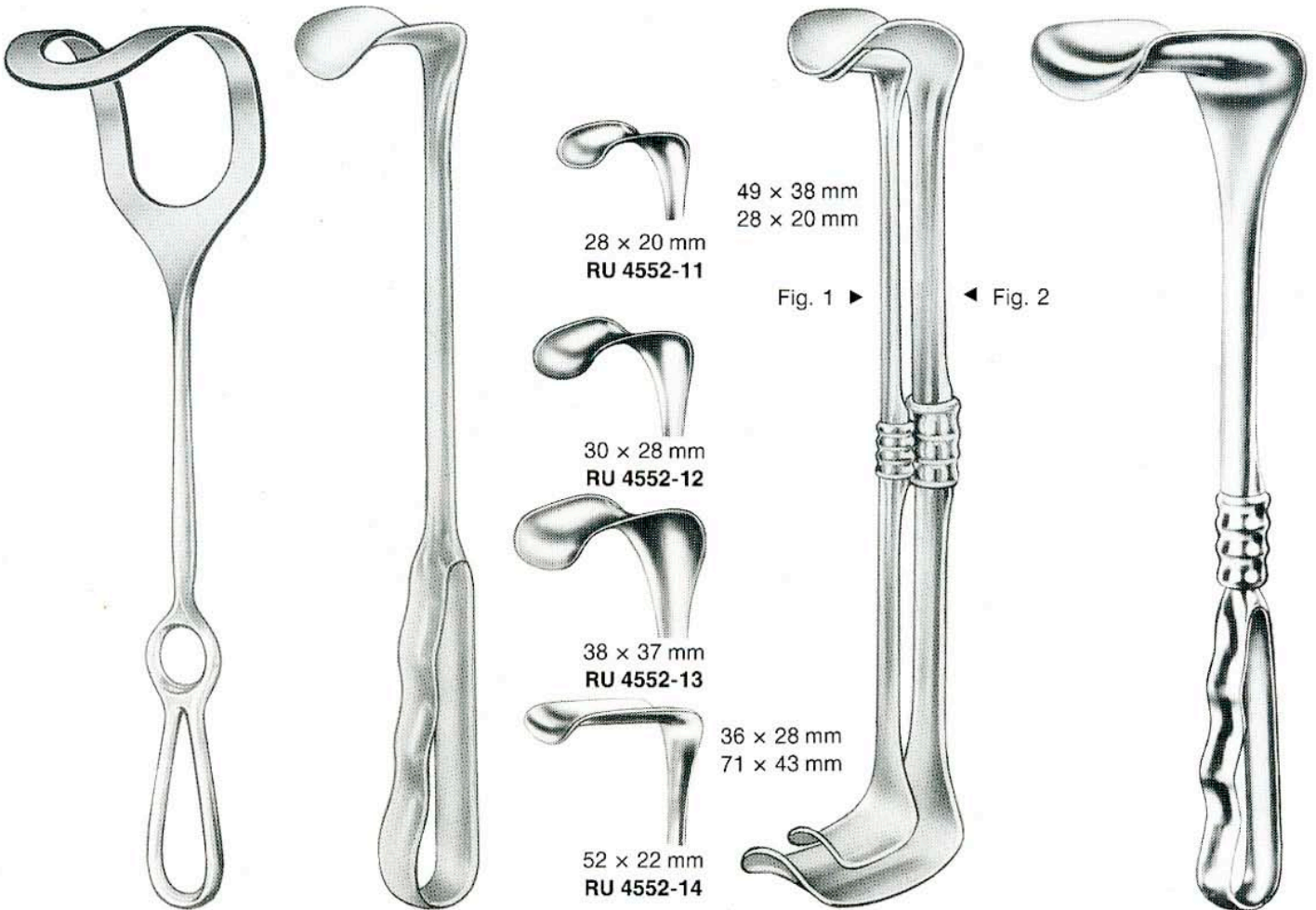
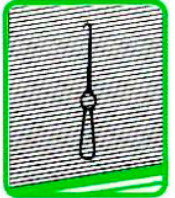


RU 4551-03





Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori



**Middeldorpf**  
25,5 cm/10"  
  
45 x 45 mm  
**RU 4551-50/01**  
45 x 50 mm  
**RU 4551-50/02**  
55 x 70 mm  
**RU 4551-50/03**

**Richardson**  
24 cm/9½"

28 x 20 mm  
**RU 4552-11**  
  
30 x 28 mm  
**RU 4552-12**  
  
38 x 37 mm  
**RU 4552-13**  
  
36 x 28 mm  
71 x 43 mm  
  
52 x 22 mm  
**RU 4552-14**

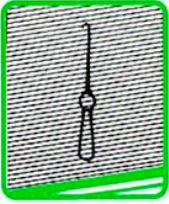
49 x 38 mm  
28 x 20 mm

Fig. 1 ▶ ◀ Fig. 2

**Richardson-Eastman**

Satz	
set	
juego	<b>RU 4553-00</b>
jeu	
serie	
<hr/>	
Fig. 1	
26 cm/10¼"	<b>RU 4553-01</b>
<hr/>	
Fig. 2	
28 cm/11"	<b>RU 4553-02</b>

**Kelly**  
26 cm/10¼"  
  
40 x 50 mm  
**RU 4554-00**  
50 x 65 mm  
**RU 4554-01**  
65 x 75 mm  
**RU 4554-02**  
75 x 90 mm  
**RU 4554-03**



**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



64 × 41 mm

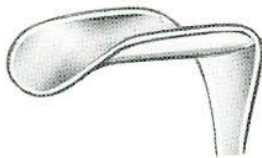
51 × 19 mm



25 × 19 mm  
RU 4552-52



32 × 25 mm  
RU 4552-53



38 × 38 mm  
RU 4552-54



**Richardson**  
24 cm/9 1/2"  
RU 4552-51

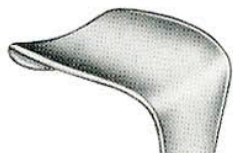


**Richardson**  
23,5 cm/9 1/4"  
RU 4552-55

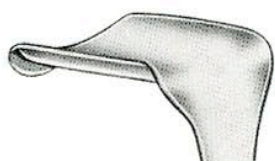
51 × 38 mm



64 × 51 mm  
RU 4554-51



76 × 64 mm  
RU 4554-52



89 × 76 mm  
RU 4554-53

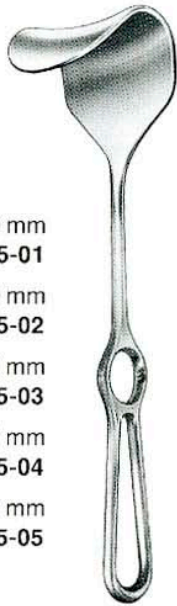
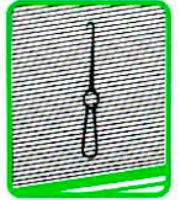


**Kelly**  
25 cm/10"  
RU 4554-50





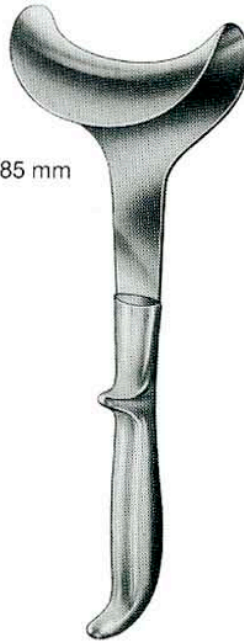
**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



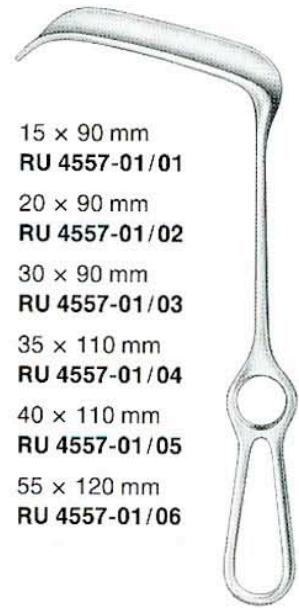
45 x 40 mm  
**RU 4555-01**  
45 x 50 mm  
**RU 4555-02**  
45 x 60 mm  
**RU 4555-03**  
45 x 75 mm  
**RU 4555-04**  
65 x 85 mm  
**RU 4555-05**

**Fritsch**  
24 cm/9 1/2"

50 x 85 mm



**Doyen**  
25 cm/10"  
**RU 4556-25**



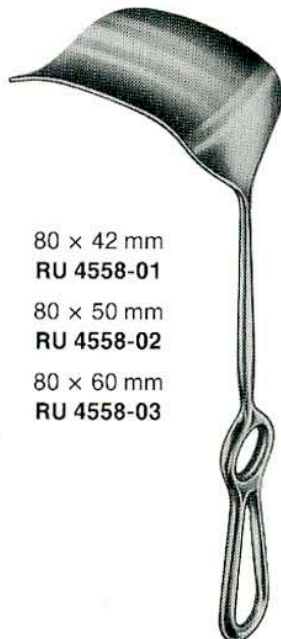
15 x 90 mm  
**RU 4557-01/01**  
20 x 90 mm  
**RU 4557-01/02**  
30 x 90 mm  
**RU 4557-01/03**  
35 x 110 mm  
**RU 4557-01/04**  
40 x 110 mm  
**RU 4557-01/05**  
55 x 120 mm  
**RU 4557-01/06**

**Doyen-Stille**  
24 cm/9 1/2"



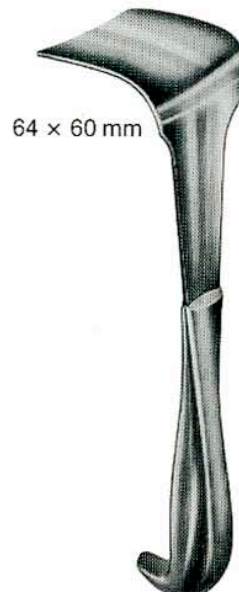
70 x 25 mm

**Kocher**  
22,5 cm/9"  
**RU 4557-22**



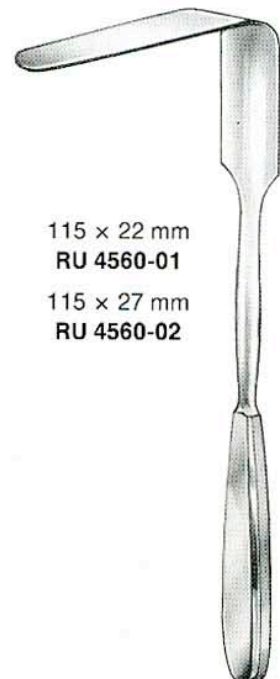
80 x 42 mm  
**RU 4558-01**  
80 x 50 mm  
**RU 4558-02**  
80 x 60 mm  
**RU 4558-03**

**Kocher**  
25 cm/10"



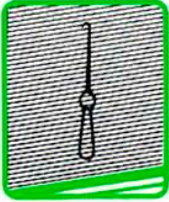
64 x 60 mm

**Tuffier**  
23 cm/9"  
**RU 4559-23**

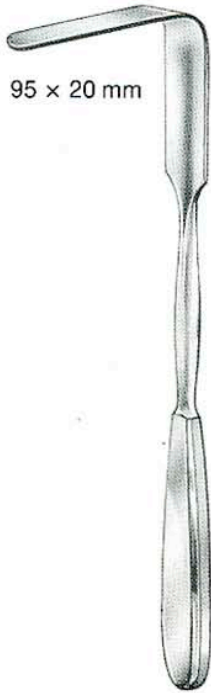


115 x 22 mm  
**RU 4560-01**  
115 x 27 mm  
**RU 4560-02**

**Simon**  
28 cm/11"

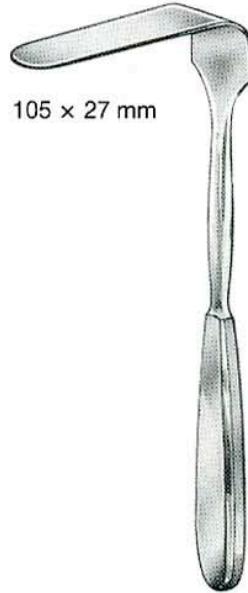


**Wundhaken, Leberhaken**  
**Retractors, Liver Retractors**  
**Separadores, Separadores para hígado**  
**Ecarteurs, Ecarteurs pour le foie**  
**Divaricatori, Divaricatori per il fegato**



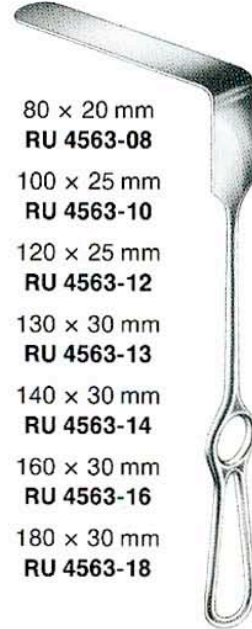
95 x 20 mm

**Modell Tübingen**  
 28 cm/11"  
 RU 4561-28



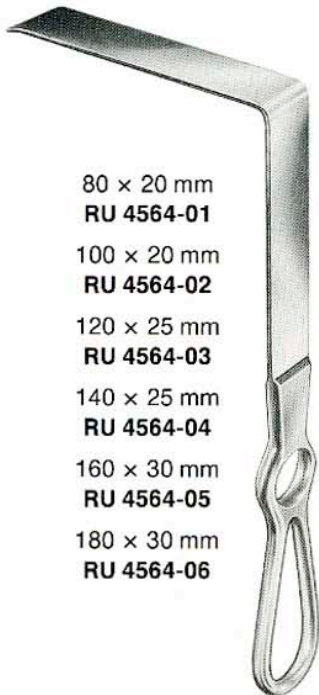
105 x 27 mm

**Martin**  
 26 cm/10 1/4"  
 RU 4562-26



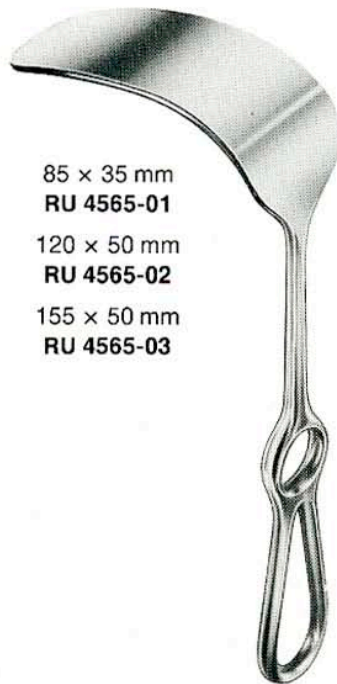
- 80 x 20 mm  
**RU 4563-08**
- 100 x 25 mm  
**RU 4563-10**
- 120 x 25 mm  
**RU 4563-12**
- 130 x 30 mm  
**RU 4563-13**
- 140 x 30 mm  
**RU 4563-14**
- 160 x 30 mm  
**RU 4563-16**
- 180 x 30 mm  
**RU 4563-18**

**Brunner**  
 25 cm/10"



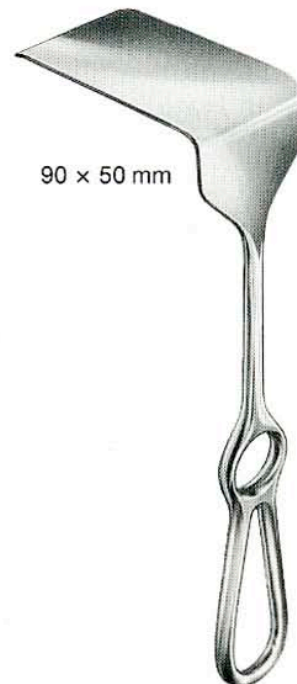
- 80 x 20 mm  
**RU 4564-01**
- 100 x 20 mm  
**RU 4564-02**
- 120 x 25 mm  
**RU 4564-03**
- 140 x 25 mm  
**RU 4564-04**
- 160 x 30 mm  
**RU 4564-05**
- 180 x 30 mm  
**RU 4564-06**

**Brunner**  
 25 cm/10"



- 85 x 35 mm  
**RU 4565-01**
- 120 x 50 mm  
**RU 4565-02**
- 155 x 50 mm  
**RU 4565-03**

**Mikulicz**  
 26 cm/10 1/4"

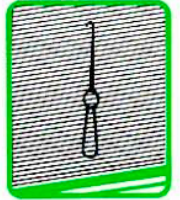


90 x 50 mm

**Mikulicz**  
 26 cm/10 1/4"  
 RU 4566-26

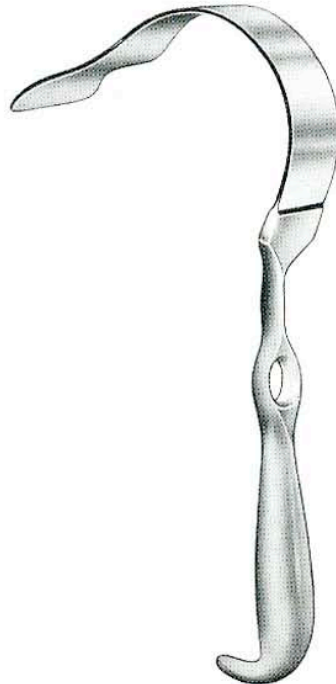


**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



160 x 38 mm  
**RU 4567-01**  
160 x 57 mm  
**RU 4567-02**  
190 x 38 mm  
**RU 4567-51**  
190 x 57 mm  
**RU 4567-52**

**Kelly**  
27 cm/10<sup>1</sup>/<sub>2</sub>"



**Polloson**  
27 cm/10<sup>1</sup>/<sub>2</sub>"  
**RU 4568-00/11**



**Polloson**  
27 cm/10<sup>1</sup>/<sub>2</sub>"  
**RU 4568-00/12**

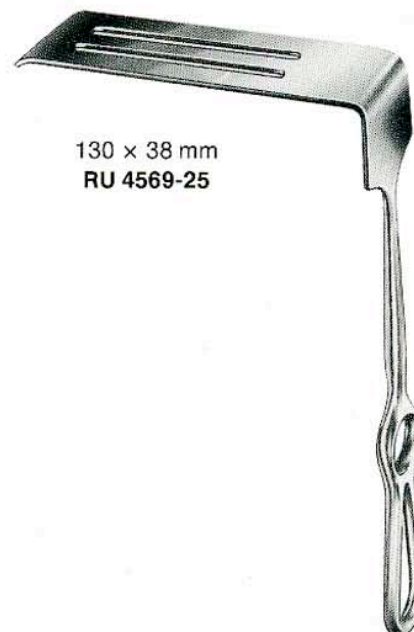


115 x 65 mm  
**RU 4568-03**

115 x 38 mm  
**RU 4568-02**

82 x 20 mm  
**RU 4568-01**

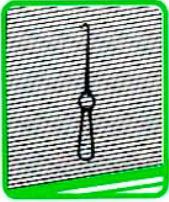
**Coryllos**  
22,5 cm/9"



130 x 38 mm  
**RU 4569-25**

**Sauerbruch**  
25 cm/10"



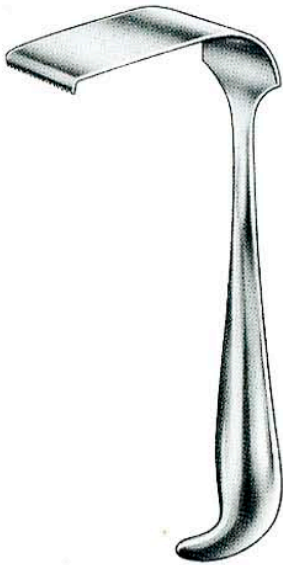
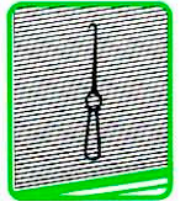


**Wundhaken, Lungenspatel**  
**Retractors, Lung Spatulas**  
**Separadores, Espátulas pulmonares**  
**Ecarteurs, Spatules pulmonaires**  
**Divaricatori, Spatole per polmone**



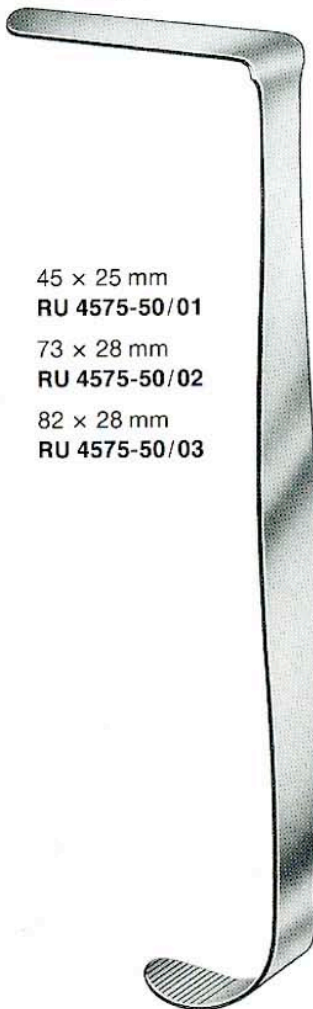


**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



50 x 16 mm  
RU 4573-01  
75 x 25 mm  
RU 4573-02  
90 x 50 mm  
RU 4573-03

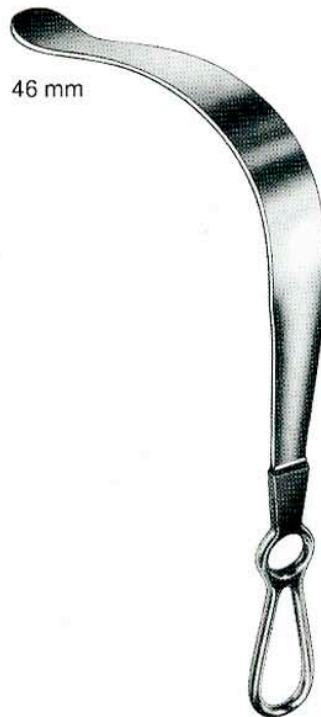
**Meyerding**  
22,5 cm/9"



45 x 25 mm  
RU 4575-50/01  
73 x 28 mm  
RU 4575-50/02  
82 x 28 mm  
RU 4575-50/03

**Heaney**  
27 cm/10 1/2"

**Zenker**  
25 cm/10" 35 x 8 mm RU 4574-01  
26 cm/10 1/4" 60 x 12 mm RU 4574-02  
27,5 cm/10 3/4" 75 x 12 mm RU 4574-03  
29 cm/11 1/2" 120 x 12 mm RU 4574-04



46 mm

**Kümmel**  
33 cm/13"  
RU 4576-28

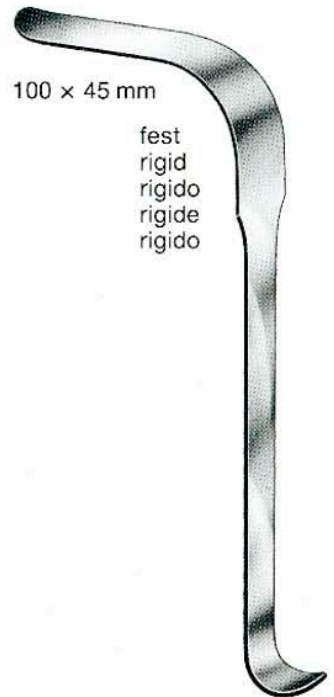


Fig. 1  
25 x 75 mm  
RU 4575-01

Fig. 2  
25 x 80 mm  
RU 4575-02

Satz  
set  
juego  
jeu  
serie  
RU 4575-00

**Hibbs**  
24 cm/9 1/2"

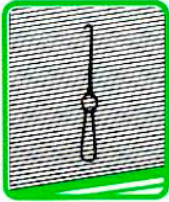


100 x 45 mm

fest  
rigid  
rigido  
rigide  
rigido

**Körte**  
28 cm/11"  
RU 4577-28





**Bauch- und Darmspatel**  
**Abdominal and Intestinal Spatulàs**  
**Espátulas abdominales e intestinales**  
**Ecarteurs abdominaux et intestinaux**  
**Spatole addominali e intestinali**

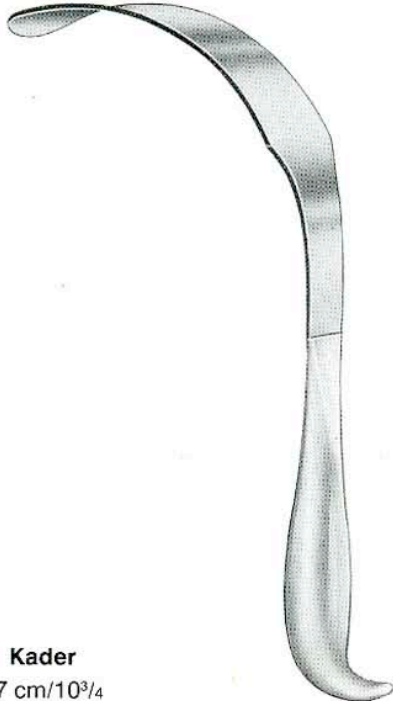


20 mm  
**RU 4578-20**  
 30 mm  
**RU 4578-30**  
 40 mm  
**RU 4578-40**



**Kader**  
 27 cm/10<sup>3</sup>/<sub>4</sub>"

45 mm  
 25,5 cm/10"  
**RU 4579-01**  
 60 mm  
 27,5 cm/10<sup>3</sup>/<sub>4</sub>"  
**RU 4579-02**



**Leriche**

biegsam  
 malleable  
 maleables  
 souples  
 malleabili

33 cm/13"  
 20 mm **RU 4580-20**  
 25 mm **RU 4580-25**  
 30 mm **RU 4580-30**  
 35 mm **RU 4580-35**  
 40 mm **RU 4580-40**  
 45 mm **RU 4580-45**  
 50 mm **RU 4580-50**  
 64 mm **RU 4580-64**  
 76 mm **RU 4580-76**  
 102 mm **RU 4580-99**



biegsam  
 malleable  
 maleable  
 souple  
 malleabili

17 x 25 mm



**Tuffier**  
 20 cm/8"  
**RU 4582-20**

biegsam  
 malleable  
 maleables  
 souples  
 malleabili

200 x 6 mm  
**RU 4584-06**  
 200 x 8 mm  
**RU 4584-08**  
 200 x 10 mm  
**RU 4584-10**  
 200 x 12 mm  
**RU 4584-12**  
 200 x 17 mm  
**RU 4584-17**  
 200 x 20 mm  
**RU 4584-20**  
 200 x 25 mm  
**RU 4584-25**  
 250 x 25 mm  
**RU 4584-29**



biegsam  
 malleable  
 maleables  
 souples  
 malleabili

280 x 25/30 mm  
**RU 4585-01**  
 300 x 37/45 mm  
**RU 4585-02**  
 300 x 40/50 mm  
**RU 4585-03**



**Haberer**

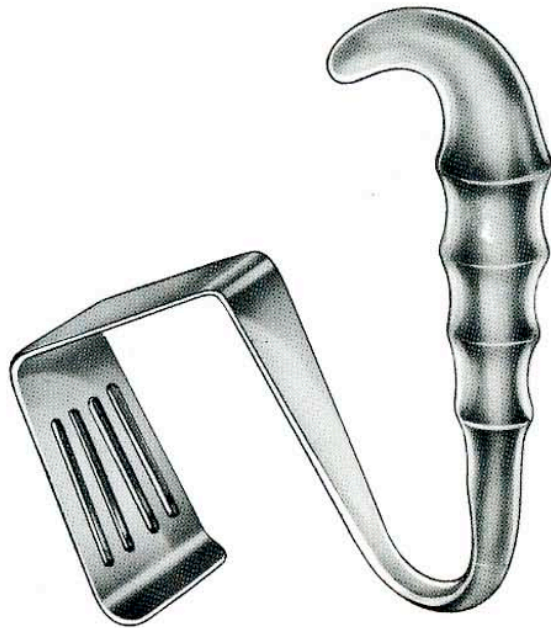
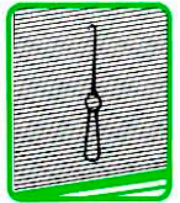


**Reverdin**  
 28 cm/11"  
**RU 4587-28**





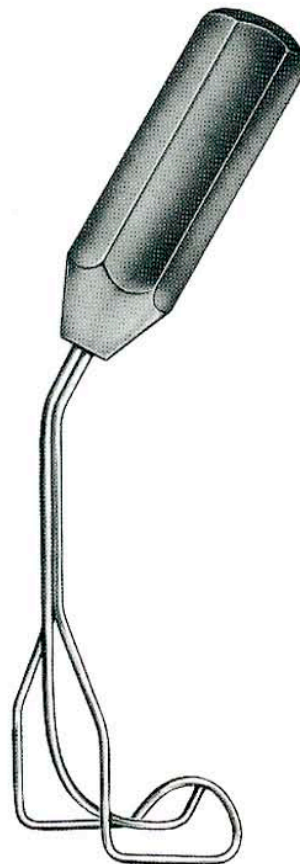
**Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori**



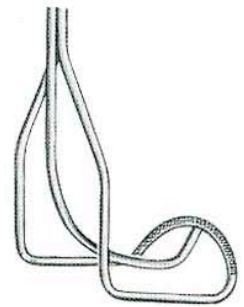
**Davidson**  
16 cm/6<sup>1</sup>/<sub>4</sub>"

75 x 50 mm  
75 x 90 mm

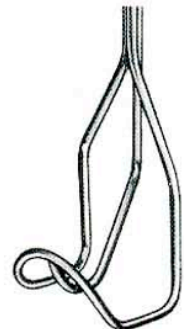
**RU 4590-01**  
**RU 4590-02**



**Cooley**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
**RU 4591-01**



**Cooley**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"  
**RU 4591-02**



**Cooley**  
23 cm/9"  
**RU 4591-03**



**Ross**  
27 cm/10<sup>1</sup>/<sub>2</sub>"

- |        |            |                   |
|--------|------------|-------------------|
| Fig. 1 | 15 x 16 mm | <b>RU 4593-01</b> |
| Fig. 2 | 13 x 23 mm | <b>RU 4593-02</b> |
| Fig. 3 | 17 x 23 mm | <b>RU 4593-03</b> |
| Fig. 4 | 13 x 27 mm | <b>RU 4593-04</b> |
| Fig. 5 | 29 x 29 mm | <b>RU 4593-05</b> |
| Fig. 6 | 40 x 21 mm | <b>RU 4593-06</b> |