

**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*



**ROSE**

1:2

130 mm – 5"

354-126-130



**LUER**

1:2

110 mm – 4 ¼"

318-124-110



**SCHOENBORN**

1:2

210 mm – 8 ¼"

354-507-210

# Wundhaken Retractors



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



**EMMET**

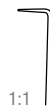
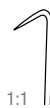


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
220 mm – 8 3/4"	24-821-001	24-821-002	24-821-003	24-821-004	24-821-005



160 mm – 6 1/4"	24-021-001	24-021-002	24-021-003	24-021-004
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**scharf**  
sharp  
pointu  
agudo  
acuto



160 mm – 6 1/4"	24-023-001	24-023-002	24-023-003	24-023-004
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**stumpf**  
blunt  
mousse  
romo  
smusso

# Wundhaken Retractors

## Wundhaken Retractors

*Ecarteurs  
Separadores  
Divaricatori*



160 mm – 6 ¼"	24-031-002	24-031-003	24-031-004
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**flexibel, scharf**  
flexible, sharp  
flexible, pointu  
flexible, agudo  
flessibile, acuto



160 mm – 6 ¼"	24-033-002	24-033-003	24-033-004
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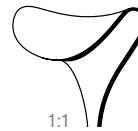
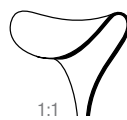
**flexibel, stumpf**  
flexible, blunt  
flexible, mousse  
flexible, romo  
flessibile, smusso



### DESMARRES



	x = 8 mm	x = 10 mm	x = 12 mm
160 mm – 6 ¼"	318-226-080	318-226-100	318-226-120



	x = 14 mm	x = 16 mm	x = 18 mm
160 mm – 6 ¼"	318-226-140	318-226-160	318-226-180



### KNAPP (ROLLET)

160 mm – 6 ¼"	434-718-130	434-719-130	434-720-130
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**flexibel, scharf**  
flexible, sharp  
flexible, pointu  
flexible, agudo  
flessibile, acuto

**2 Zähne**  
2 Teeth  
2 Dents  
2 Dientes  
2 Denti

**3 Zähne**  
3 Teeth  
3 Dents  
3 Dientes  
3 Denti

**4 Zähne**  
4 Teeth  
4 Dents  
4 Dientes  
4 Denti

# Wundhaken Retractors

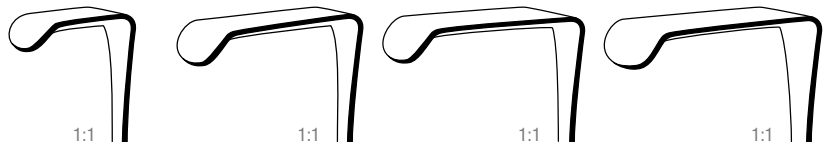


**Wundhaken**  
**Retractors**  
**Ecarteurs**  
**Separadores**  
**Divaricatori**



1:2

### MINI-LANGENBECK



	10 mm x 6 mm	17 mm x 5 mm	20 mm x 6 mm	22 mm x 8 mm
160 mm – 6 ¼"	415-091-100	415-091-170	415-091-200	415-091-220



1:2

### KOCHER

220 mm – 8 ¾"	415-236-010	415-236-020	415-236-030	415-236-040	415-236-060	415-236-080
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**scharf**  
sharp  
pointu  
agudo  
acuto



220 mm – 8 ¾"	415-237-010	415-237-020	415-237-030	415-237-040	415-237-060	415-237-080
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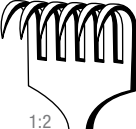
**stumpf**  
blunt  
mousse  
romo  
smusso



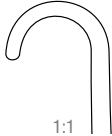




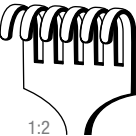
220 mm – 8 ¾"	415-238-010	415-238-020	415-238-030	415-238-040	415-238-060	415-238-080
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**halbscharf**  
semi-sharp  
semi-pointu  
semi-agudo  
semi-acuto

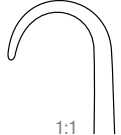




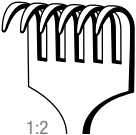
**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*

					
<b>VOLKMANN</b> 1:1	1:2	1:2	1:2	1:2	1:2
215 mm – 8½"	24-121-001	24-121-002	24-121-003	24-121-004	24-121-006

**scharf**  
sharp  
pointu  
agudo  
acuto

					
1:1	1:2	1:2	1:2	1:2	1:2
215 mm – 8½"	24-123-001	24-123-002	24-123-003	24-123-004	24-123-006

**stumpf**  
blunt  
mousse  
romo  
smusso

					
1:1	1:2	1:2	1:2	1:2	1:2
215 mm – 8½"	415-218-010	415-218-020	415-218-030	415-218-040	415-218-060

**halbscharf**  
semi-sharp  
semi-pointu  
semi-agudo  
semi-acuto



1:2

# Wundhaken Retractors



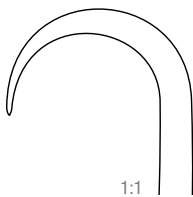
**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2

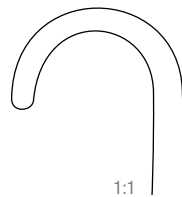
**VOLKMANN**

215 mm – 8½"



1:1

**scharf**  
sharp  
pointu  
agudo  
acuto



1:1

**stumpf**  
blunt  
mousse  
romo  
smusso

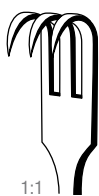


1:2

**SENN-MUELLER**

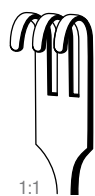
160 mm – 6¼"

1:1



1:1

**scharf**  
sharp  
pointu  
agudo  
acuto



1:1

**stumpf**  
blunt  
mousse  
romo  
smusso

1:1



1:2

**KILNER**

155 mm – 6"

1:1



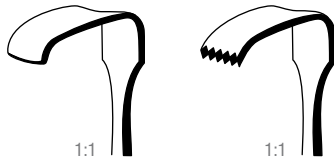
1:1

# Wundhaken Retractors

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

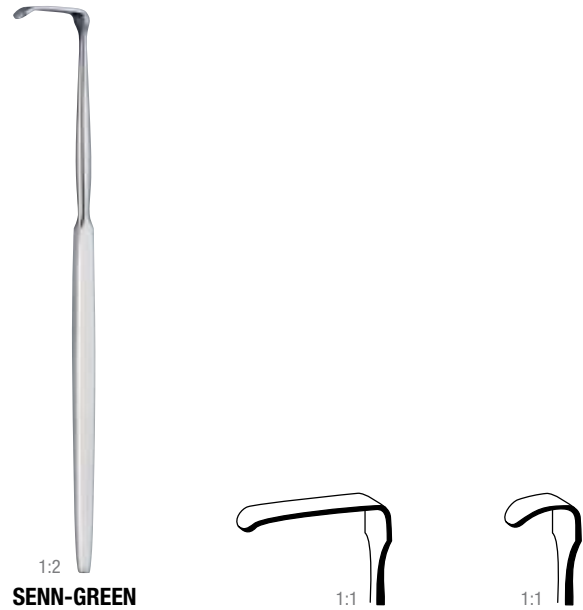


1:2  
**STRANDELL-STILLE**



	20 mm x 6 mm	20 mm x 6 mm
190 mm – 7½"	415-187-010	415-187-020

**gezahnt**  
saw edge  
dentelé  
dentado  
dentato



1:2  
**SENN-GREEN**



	20 mm x 6 mm	10 mm x 6 mm
150 mm – 6"	318-236-200	318-236-100



**RAGNELL-DAVIS**

140 mm – 5½"
415-160-140



**COTTLE**

150 mm – 6"
437-706-140



**CRILE**

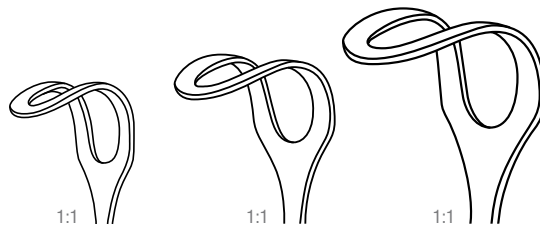
110 mm – 4¼"
318-123-110

# Wundhaken

## Retractors



**Wundhaken**  
*Retractors*  
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**MIDDELDORPF**

14 mm x 17 mm	20 mm x 22 mm	26 mm x 30 mm
215 mm – 8½"	220 mm – 8¾"	235 mm – 9¼"
24-161-001	24-161-002	24-161-003



**MEYERDING**



	18 mm x 7 mm	16 mm x 5 mm
180 mm – 7"	318-298-010	318-298-020



	7 mm x 4 mm	7 mm x 4 mm
180 mm – 7"	318-298-030	318-298-040



	10 mm x 3 mm	10 mm x 4 mm
180 mm – 7"	318-298-050	318-298-060

1:2

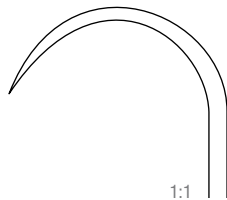


**Wundhaken**  
**Retractors**  
*Ecarteurs*  
*Separadores*  
*Divaricatori*

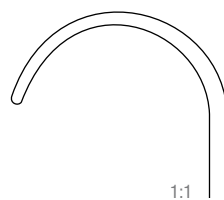


**KOERTE**

1:2



1:1



1:1

	26 mm x 40 mm	26 mm x 40 mm
235 mm – 9¼"	24-145-235	24-147-235

**scharf**  
sharp  
pointu  
agudo  
acuto

**stumpf**  
blunt  
mousse  
romo  
smusso



**GREEN**

1:2

215 mm – 8½"	318-344-220
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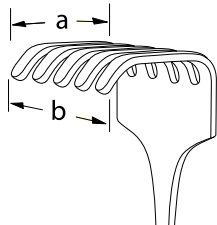
# Wundhaken Retractors



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



1:2

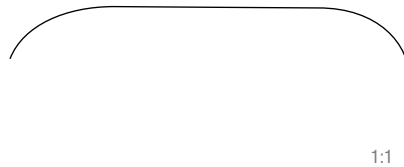


**ISRAEL**

	a = 40 mm – b = 40 mm	a = 45 mm – b = 50 mm
250 mm – 9 3/4"	318-360-400	318-360-500

**4 Zähne**  
4 Teeth  
4 Dents  
4 Dientes  
4 Denti

**5 Zähne**  
5 Teeth  
5 Dents  
5 Dientes  
5 Denti



	a = 50 mm – b = 60 mm	a = 70 mm – b = 70 mm
250 mm – 9 3/4"	318-360-600	318-360-700

**6 Zähne**  
6 Teeth  
6 Dents  
6 Dientes  
6 Denti

**6 Zähne**  
6 Teeth  
6 Dents  
6 Dientes  
6 Denti



1:2

**LANGENBECK**



	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
220 mm – 8 3/4"	318-306-010	318-306-020	318-306-030



	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
220 mm – 8 3/4"	318-306-040	318-306-050

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



**LANGENBECK**



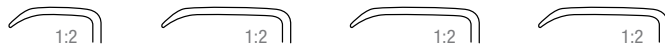
	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
210 mm – 8¼"	24-169-001	24-169-002	24-169-003



	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
210 mm – 8¼"	24-169-004	24-169-005



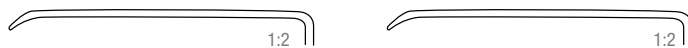
**KOCHER-LANGENBECK  
(OBWEGESER)**



	25 mm x 6 mm	35 mm x 8 mm	35 mm x 11 mm	35 mm x 15 mm
215 mm – 8½"	415-313-010	415-313-020	415-313-030	415-313-040



	42 mm x 11 mm	55 mm x 11 mm	70 mm x 14 mm
215 mm – 8½"	415-313-050	415-313-060	415-313-070



	80 mm x 12 mm	80 mm x 16 mm
215 mm – 8½"	415-313-080	415-313-090

# Wundhaken Retractors



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



**CUSHING**

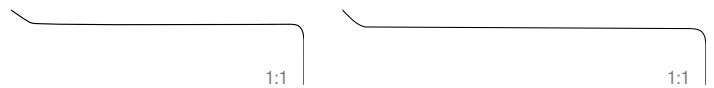


	x = 8 mm	x = 10 mm	x = 12 mm	x = 14 mm	x = 16 mm	x = 18 mm
200 mm – 8"	318-228-080	318-228-100	318-228-120	318-228-140	318-228-160	318-228-180
240 mm – 9½"	415-168-080	415-168-100	415-168-120	415-168-140	415-168-160	415-168-180



1:2

**OBWEGESER**



	40 mm x 11 mm	55 mm x 11 mm
220 mm – 8¾"	348-589-400	348-589-550



	80 mm x 16 mm
220 mm – 8¾"	348-589-800

# Wundhaken Retractors

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

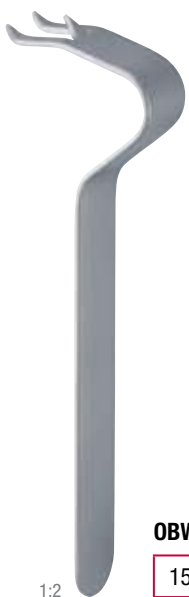


**OBWEGESER**

1:1

1:1

	42 mm x 10 mm	70 mm x 11 mm
220 mm – 8 ¾"	348-591-220	348-593-220



**OBWEGESER**

155 mm – 6"	348-597-160
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**OBWEGESER**

	x = 8 mm	x = 10 mm
160 mm – 6 ¼"	348-599-080	348-599-100

**biegsam**  
malleable  
malléable  
maleable  
flessibile

# Wundhaken

## Retractors



Wundhaken  
Retractors  
Ecarteurs  
Separadores  
Divaricatori



OLLIER

1:2

1:2

	a = 36 mm – b = 30 mm	a = 36 mm – b = 60 mm
225 mm – 8 ¾"	24-135-003	24-135-004

# Wundhaken Retractors

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



**KOCHER** 1:2

	25 mm x 8 mm	55 mm x 11 mm	40 mm x 12 mm	75 mm x 12 mm	85 mm x 12 mm	100 mm x 12 mm
210 mm – 8¼"	318-326-080	318-326-550	318-326-400	318-326-750	318-326-850	318-326-100



1:2

**LANGENBECK**

	55 mm x 20 mm	60 mm x 20 mm
210 mm – 8¼"	318-311-220	318-311-210



1:2

**LANGENBECK**

	85 mm x 15 mm
210 mm – 8¼"	318-313-210

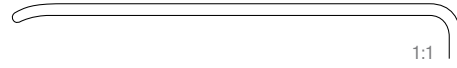
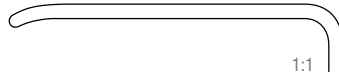
**Griff vertikal zum Blatt**  
Handle vertical to the blade  
Poignée verticale à la lame  
Mango vertical a la hoja  
Manico verticale verso la lama

# Wundhaken Retractors



**Wundhaken**  
*Retractors*  
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*Divaricatori*

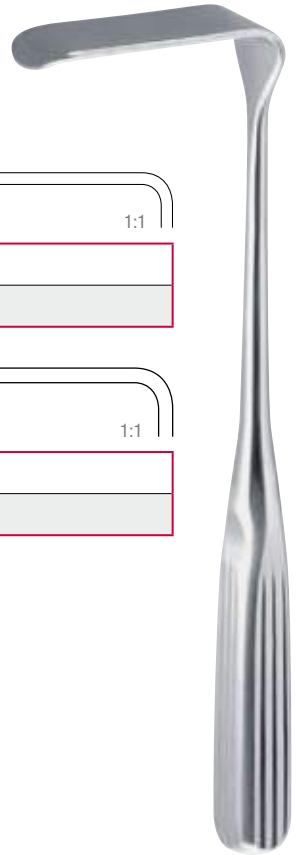
**SAUERBRUCH**



	45 mm x 15 mm	60 mm x 23 mm
225 mm – 8¾"	318-490-450	318-490-600



	75 mm x 20 mm
220 mm – 8¾"	318-490-750



**LAHEY**

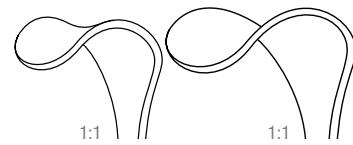
190 mm – 7½"
28 mm x 6 mm
318-300-190

1:2

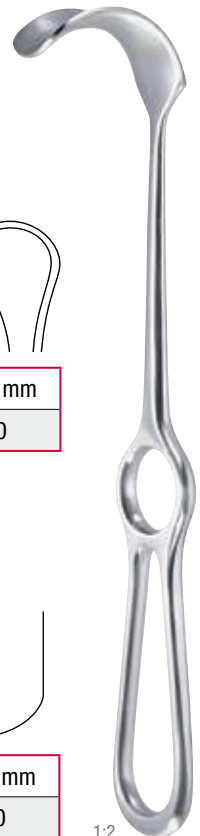


1:2

**KOCHER**

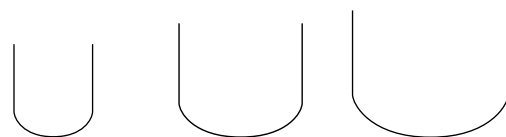


	19 mm x 12 mm	21 mm x 14 mm
190 mm – 7½"	318-328-190	318-328-210



1:2

**KOCHER**



	40 mm x 10 mm	40 mm x 15 mm	40 mm x 20 mm
220 mm – 8¾"	318-336-100	318-336-150	318-336-200

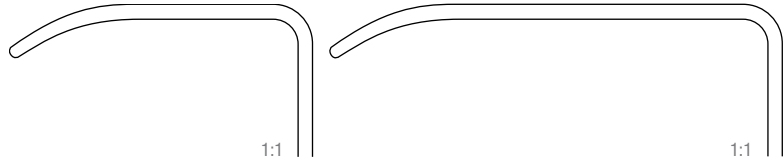


**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2

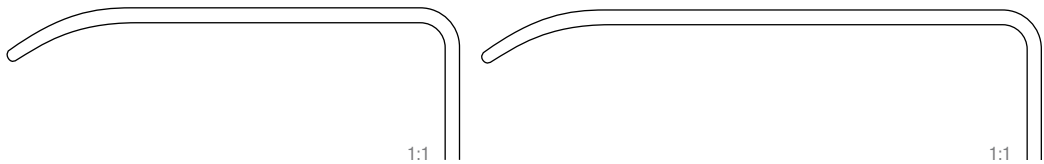
**KOCHER**



1:1

1:1

	40 mm x 18 mm	60 mm x 20 mm
230 mm – 9"	415-311-180	415-311-200



1:1

1:1

	60 mm x 25 mm	75 mm x 30 mm
230 mm – 9"	415-311-250	415-311-300



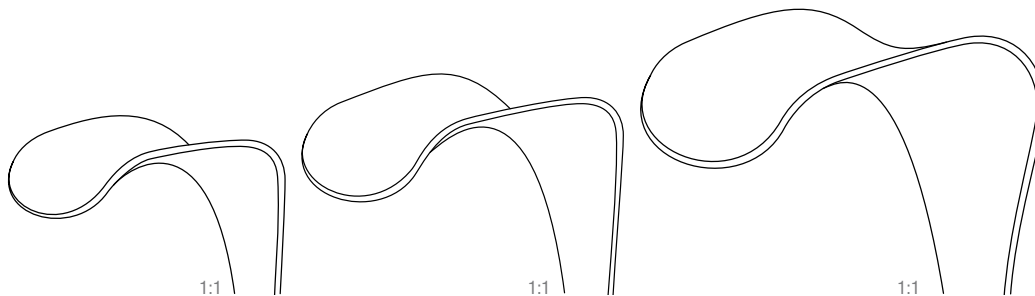
1:1

	75 mm x 40 mm
230 mm – 9"	415-311-400



1:2

**RICHARDSON**



1:1

1:1

1:1

	25 mm x 20 mm	36 mm x 28 mm	44 mm x 38 mm
240 mm – 9½"	24-177-025	24-177-030	24-177-038

# Wundhaken Retractors



**Wundhaken**  
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1:2

**RICHARDSON-EASTMAN**

	Fig. 1	Fig. 2
	280 mm – 11 "	260 mm – 10¼ "
	49 mm x 38 mm	36 mm x 28 mm
	71 mm x 43 mm	28 mm x 20 mm
318-136-010	x	
318-136-020		x
318-136-000	x	x



1:2

**RICHARDSON**

240 mm – 9½ "
52 mm x 22 mm
415-391-240



1:2

**KELLY**

260 mm – 10¼ "
65 mm x 50 mm
318-152-260

# Wundhaken Retractors

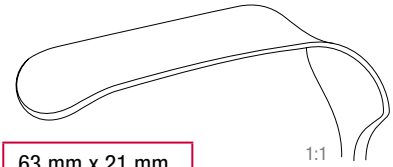
**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2

**HOESEL**

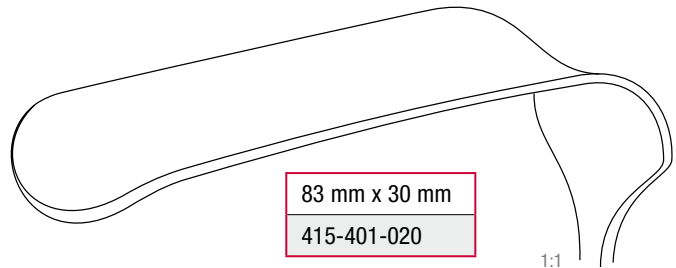
260 mm – 10 ¼"



1:1

63 mm x 21 mm

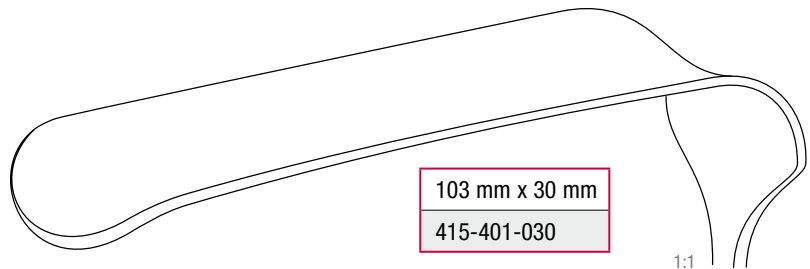
415-401-010



1:1

83 mm x 30 mm

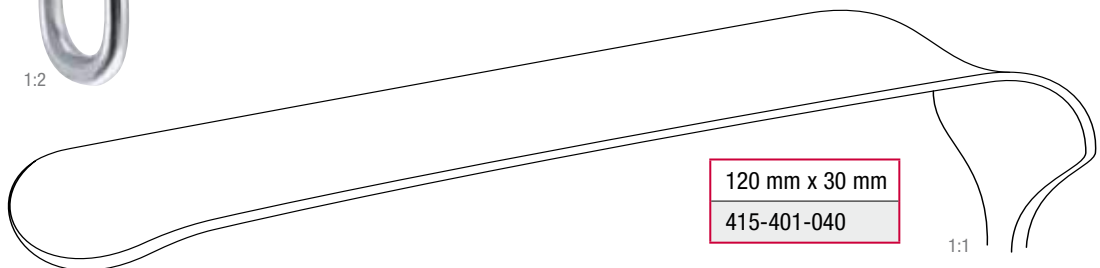
415-401-020



1:1

103 mm x 30 mm

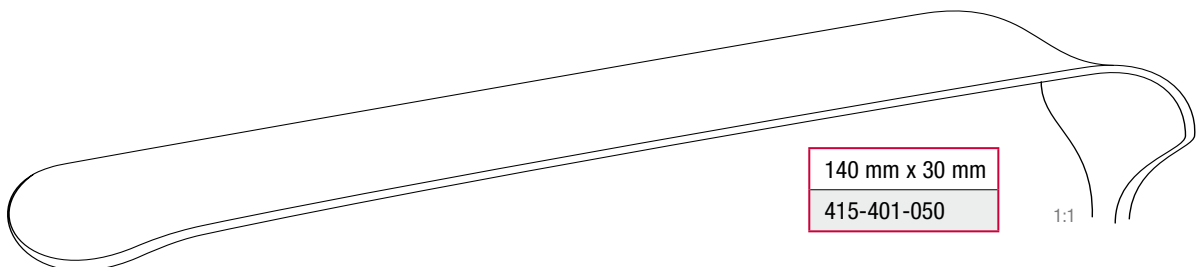
415-401-030



1:1

120 mm x 30 mm

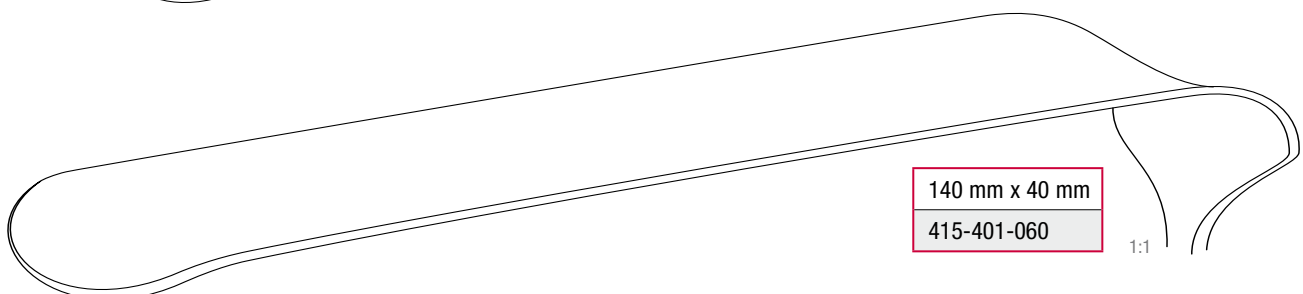
415-401-040



1:1

140 mm x 30 mm

415-401-050



1:1

140 mm x 40 mm

415-401-060

# Wundhaken Retractors

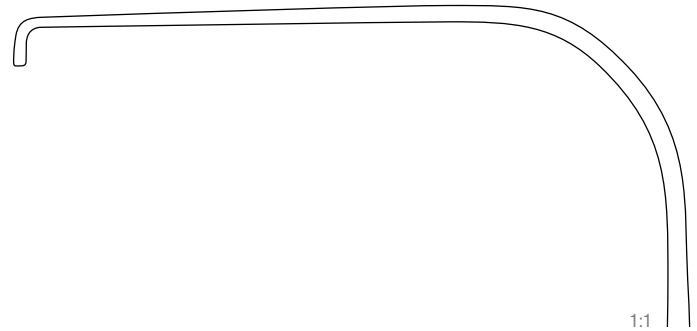
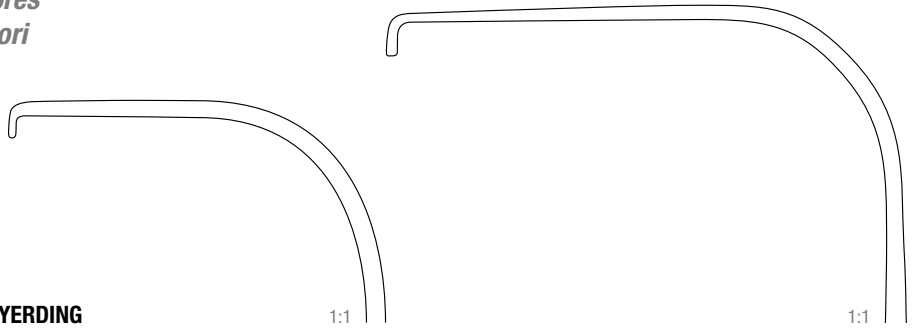


**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*

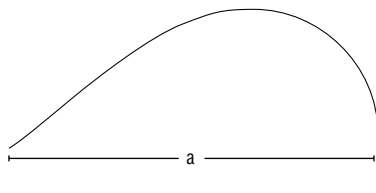


**MEYERDING**

200 mm – 8"	220 mm – 8 3/4"
50 mm x 16 mm	75 mm x 25 mm
318-494-010	318-494-020



240 mm – 9 1/2"
90 mm x 50 mm
318-494-030



**FRITSCH**

240 mm – 9 1/2"	a = 32 mm – b = 40 mm	24-701-000
240 mm – 9 1/2"	a = 45 mm – b = 40 mm	24-701-001
240 mm – 9 1/2"	a = 45 mm – b = 50 mm	24-701-002
240 mm – 9 1/2"	a = 45 mm – b = 60 mm	24-701-003
240 mm – 9 1/2"	a = 45 mm – b = 75 mm	24-701-004
240 mm – 9 1/2"	a = 65 mm – b = 85 mm	24-701-005

# Wundhaken Retractors

**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:3



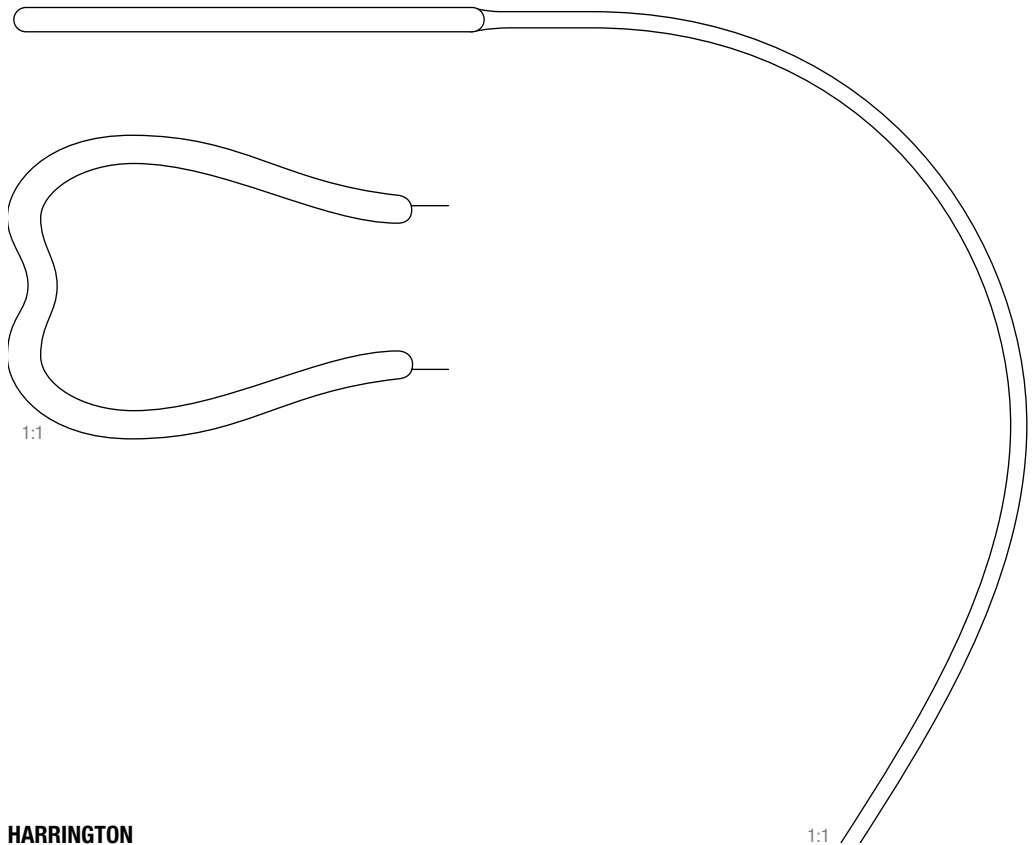
1:1

**SIMON**

	115 mm x 22 mm	115 mm x 27 mm
280 cm – 11 "	318-476-220	318-476-270



1:3



1:1

**HARRINGTON**

	127 mm x 40 mm	127 mm x 62 mm
320 mm – 12½ "	24-751-001	24-751-002

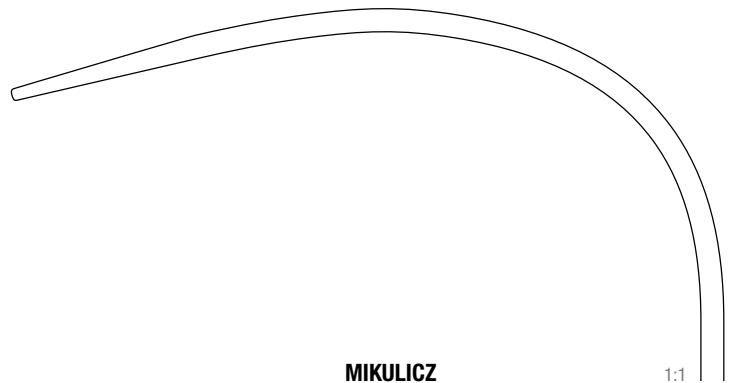
# Wundhaken Retractors



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



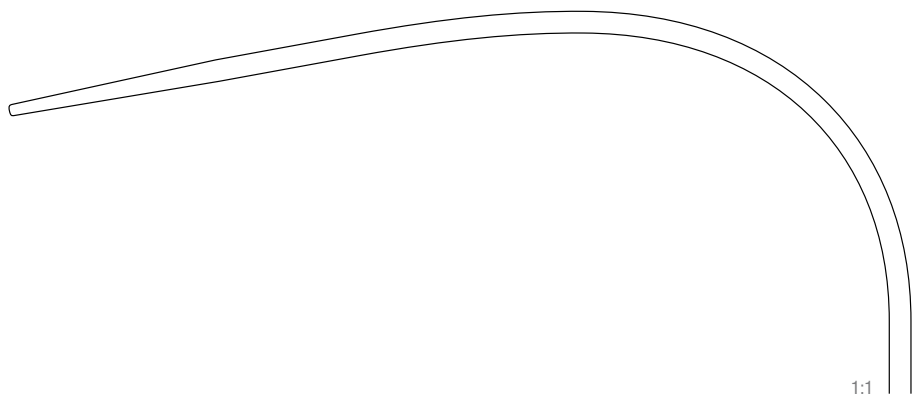
1:2



1:1

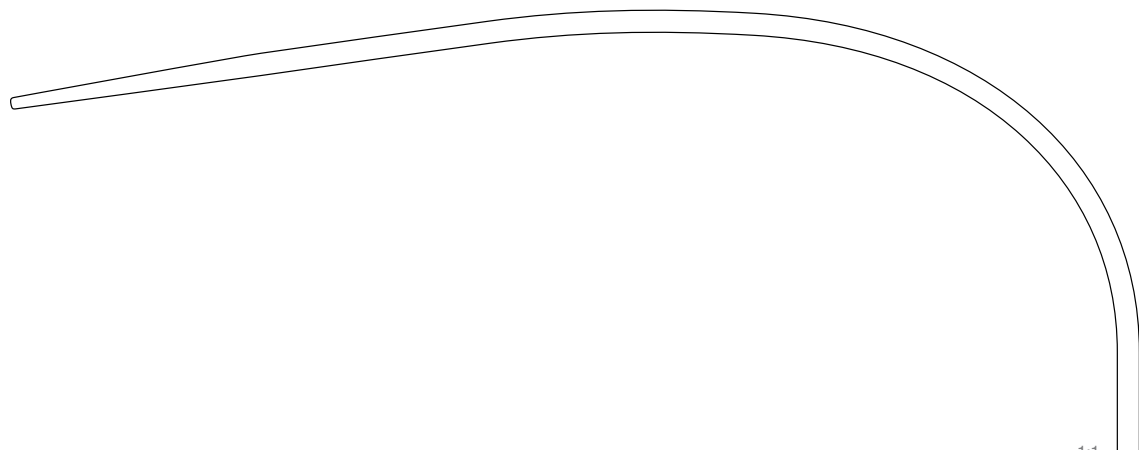
**MIKULICZ**

	95 mm x 35 mm
260 mm – 10 1/4"	24-221-095



1:1

120 mm x 50 mm
24-221-120



1:1

150 mm x 50 mm	180 mm x 50 mm
24-221-150	24-221-180

**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*



**MIKULICZ**

1:2

260 mm – 10 ¼"	90 mm x 50 mm	24-225-090
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1:2

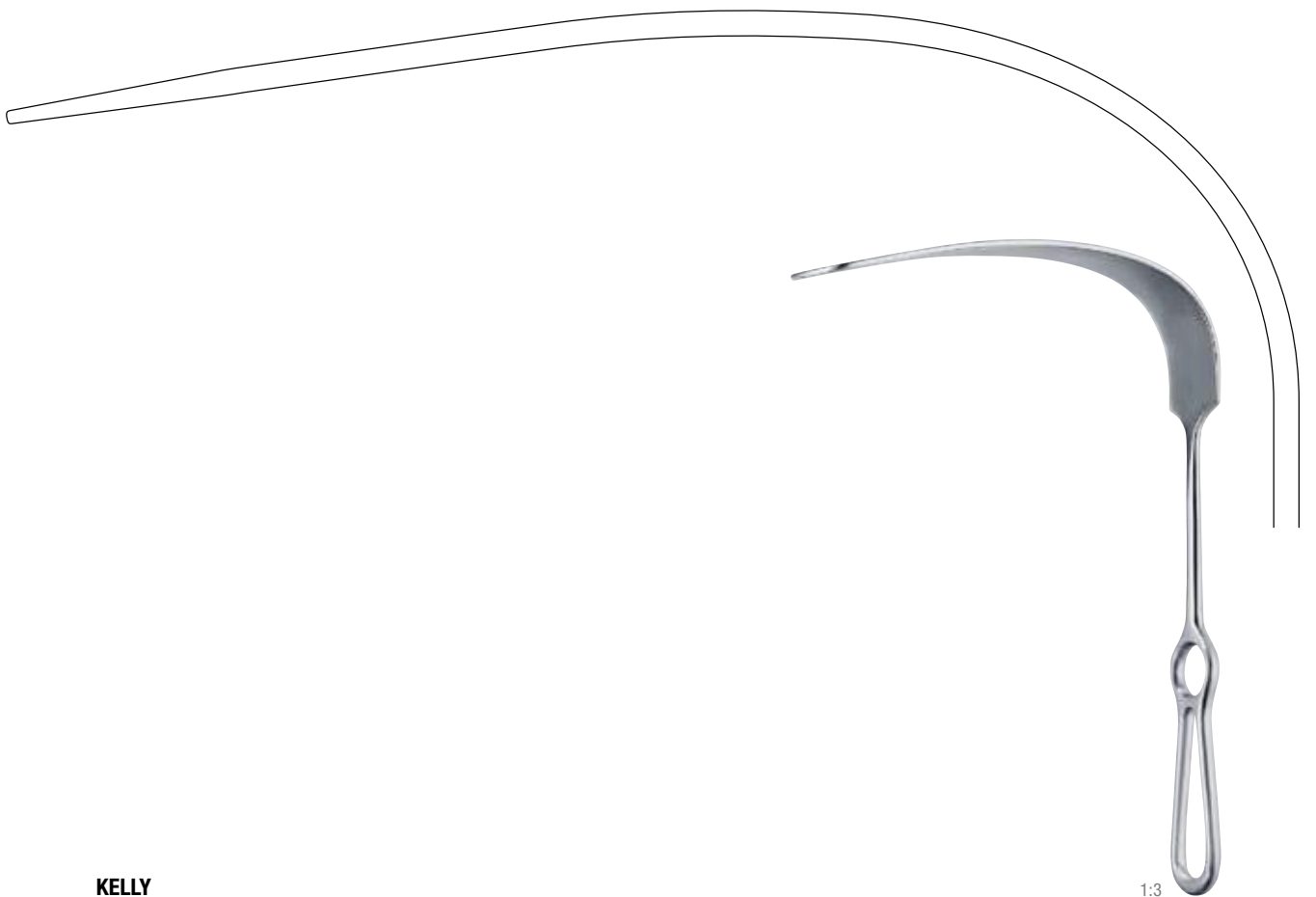
**DAVIDSON**

	a = 75 mm – b = 50 mm	a = 75 mm – b = 90 mm
160 mm – 6 ¼"	318-492-500	318-492-900

# Wundhaken Retractors



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



**KELLY**

1:3

	160 mm x 38 mm	190 mm x 38 mm	160 mm x 57 mm	190 mm x 57 mm
270 mm – 10 3/4 "	318-381-380	318-381-381	318-381-570	318-381-571



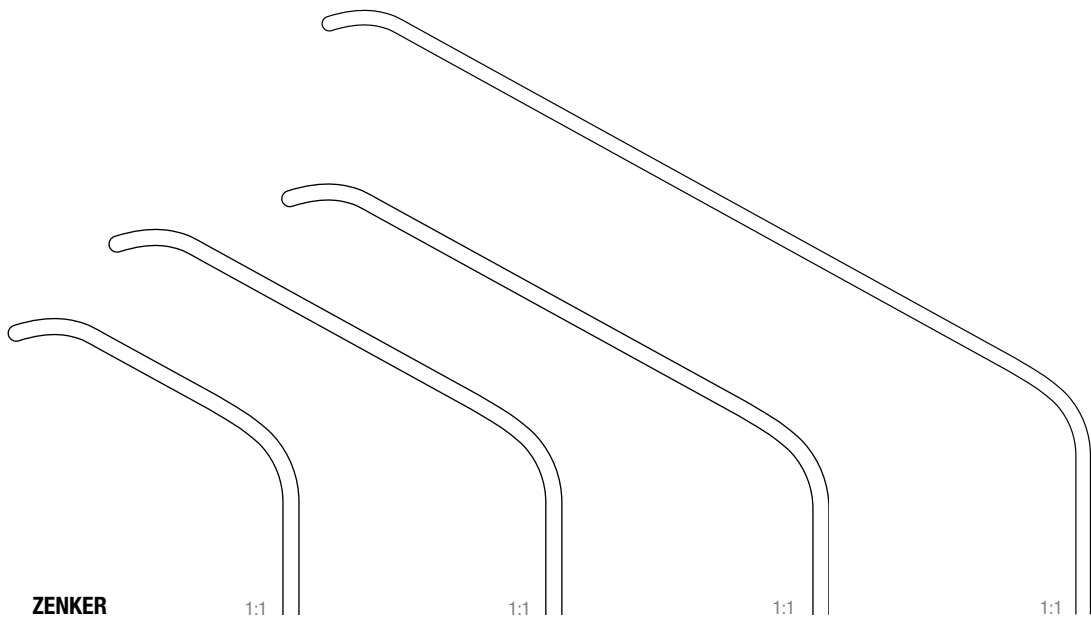
# Wundhaken Retractors

**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2



**ZENKER**

250 mm – 9¾"	260 mm – 10¼"	275 mm – 10¾"	290 mm – 11½"
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm
415-319-350	415-319-600	415-319-750	415-319-100

# Wundhaken Retractors



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



COOLEY 1:2



1:2



1:2

250 mm – 9¾"	250 mm – 9¾"	270 mm – 10½"
415-589-010	415-589-020	415-589-030

**rechts**  
right  
droite  
derecha  
destra

**rechts, gerieft**  
right, serrated  
droite, strié  
derecha, estriada  
destra, zigrinato

**links**  
left  
gauche  
izquierda  
sinistra

**Wundhaken**  
**Retractors**

*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2

**MIDDELDORPF**

1:1

1:1

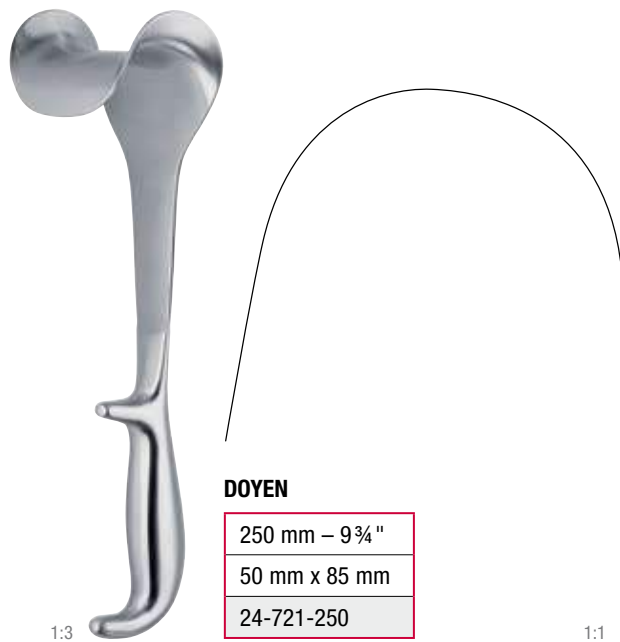
1:1

	45 mm x 45 mm	45 mm x 50 mm	55 mm x 70 mm
255 mm – 10"	415-437-010	415-437-020	415-437-030

# Wundhaken Retractors



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



**DOYEN**

250 mm – 9¾"
50 mm x 85 mm
24-721-250



**TUFFIER**

230 mm – 9"
64 mm x 60 mm
415-477-230



**KOCHER**

225 mm – 8¾"
70 mm x 25 mm
318-368-220



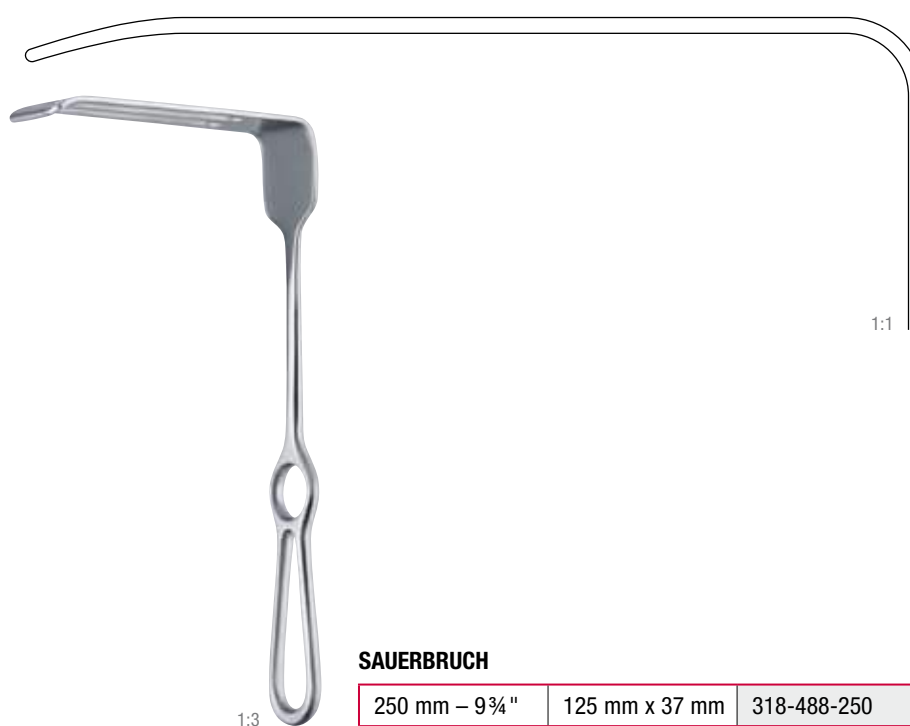
**KOCHER**

	250 mm – 9¾"
80 mm x 45 mm	24-233-042
80 mm x 55 mm	24-233-050
80 mm x 65 mm	24-233-060

# Wundhaken Retractors

**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*

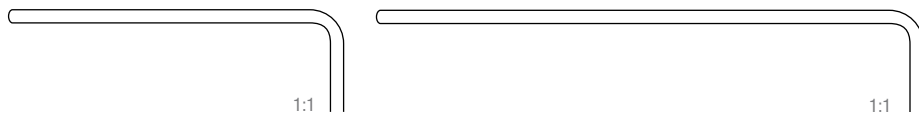


# Wundhaken Retractors

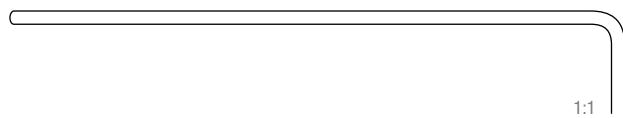


**Wundhaken**  
*Retractors*  
*Ecarteurs*  
*Separadores*  
*Divaricatori*

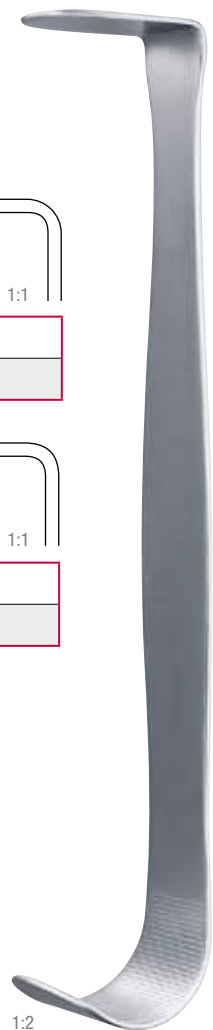
**HEANEY**



	45 mm x 25 mm	73 mm x 28 mm
270 mm – 10 3/4"	318-478-450	318-478-730

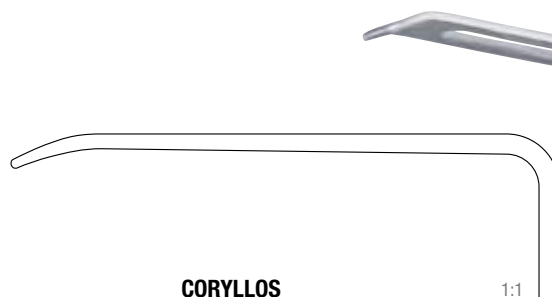


82 mm x 28 mm
318-478-820

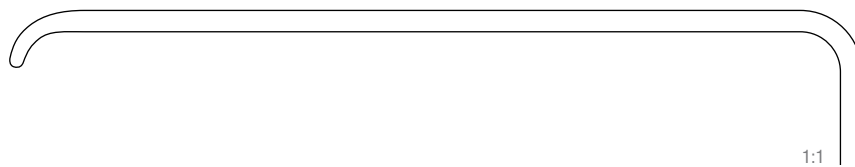


1:2

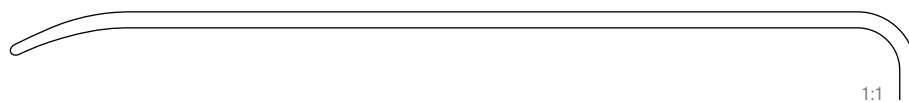
**CORYLLOS**



	82 mm x 22 mm
240 mm – 9 1/2"	318-486-220



108 mm x 43 mm
318-486-430



115 mm x 65 mm
318-486-650

1:2



# Wundhaken Retractors

**Wundhaken**  
*Retractors*

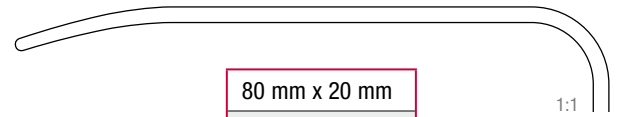
*Ecarteurs*  
*Separadores*  
*Divaricatori*



1:2

**BRUNNER**

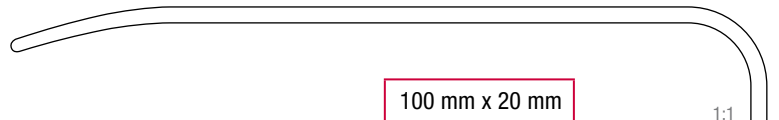
250 mm – 9¾"



80 mm x 20 mm

24-741-080

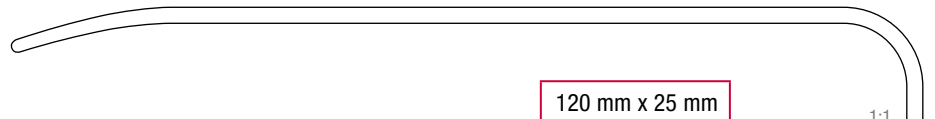
1:1



100 mm x 20 mm

24-741-100

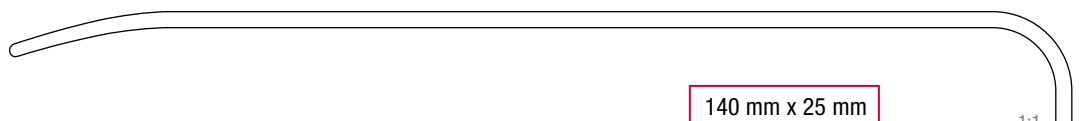
1:1



120 mm x 25 mm

24-741-120

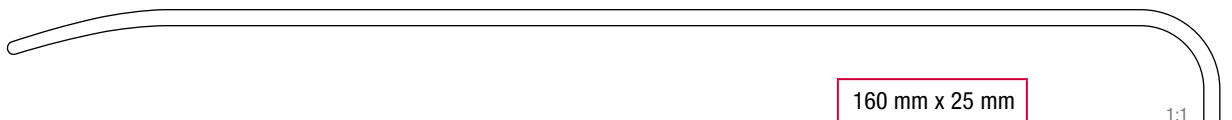
1:1



140 mm x 25 mm

24-741-140

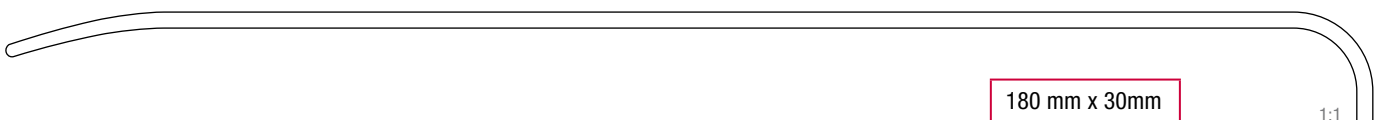
1:1



160 mm x 25 mm

24-741-160

1:1



180 mm x 30mm

24-741-180

1:1

# Wundhaken Retractors



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



**BRUNNER**

1:2

240 mm – 9½"	142 mm x 25 mm	415-553-240
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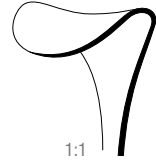
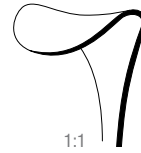
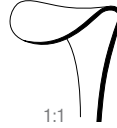
# Wundhaken Retractors

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

1: x



**GIL-VERNET**



	x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
240 mm – 9½"	415-170-080	415-170-110	415-170-150	415-170-170	415-170-200	415-170-230

**biegsam**  
malleable  
malléable  
maleable  
malleabile

1:2



**ST. MARKS**

1:3

1:3

1:3

290 mm – 11½"	325 mm – 12¾"	330 mm – 13"
130 mm x 60 mm	180 mm x 60 mm	180 mm x 60 mm
415-611-020	415-611-010	415-611-030

# Wundhaken Retractors



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

**CUSHING**

200 mm – 8"
318-230-200



1:2

**KOERTE**

280 mm – 11"
120 mm x 47 mm
415-613-280



1:2



**MORRIS** 1:2

210 mm – 8 1/4"
50 mm x 55 mm
318-385-500



1:2

**MORRIS**

	38 mm x 51 mm	50 mm x 55 mm	64 mm x 51 mm
245 mm – 9 3/4"	318-386-380	318-386-510	318-386-640

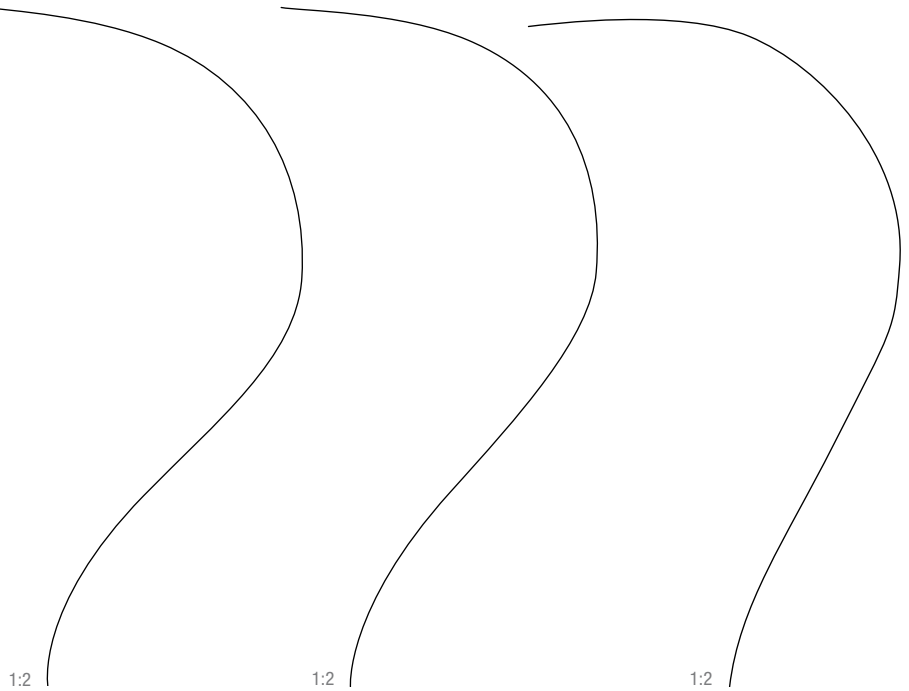
# Wundhaken Retractors

**Wundhaken**  
*Retractors*

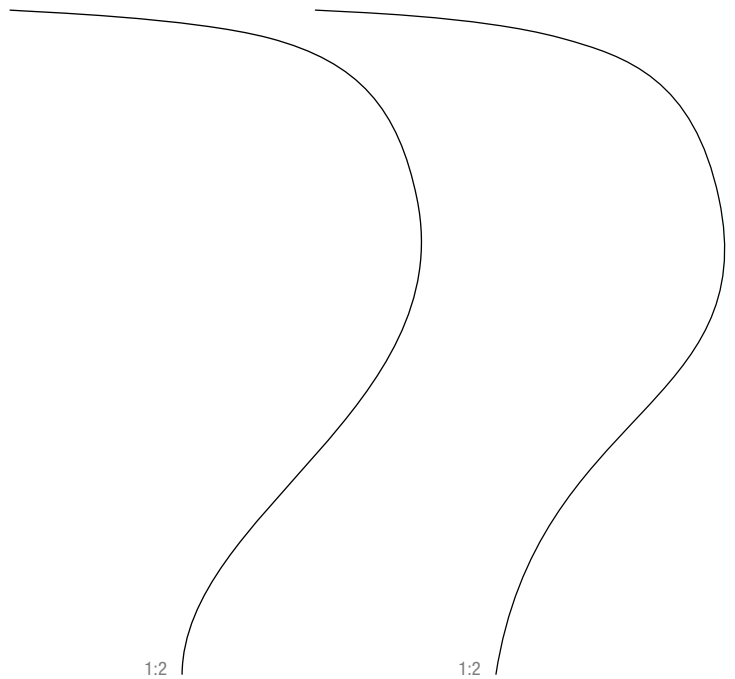
*Ecarteurs*  
*Separadores*  
*Divaricatori*



**DEAVER**



	x = 25 mm	x = 38 mm	x = 50 mm
315 mm – 12½"	318-185-250	318-185-380	318-185-500



x = 75 mm	x = 100 mm
318-185-750	318-186-100

# Wundhaken Retractors



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



<b>DEAVER</b> 1:2	1:2	1:2
180 mm – 7"	215 mm – 8½"	230 mm – 9"
x = 19 mm	x = 22 mm	x = 25 mm
24-755-001	24-755-002	24-755-003

**Wundhaken**  
**Retractors**

*Ecarteurs*  
*Separadores*  
*Divaricatori*



**DEAVER**

1:2

1:2

1:2

300 mm – 12"	330 mm – 13"	360 mm – 14¼"
x = 25 mm	x = 25 mm	x = 25 mm
24-755-004	24-755-005	24-755-006

# Wundhaken

## Retractors



Wundhaken  
Retractors  
Ecarteurs  
Separadores  
Divaricatori



DEAVER 1:2

1:2

1:2

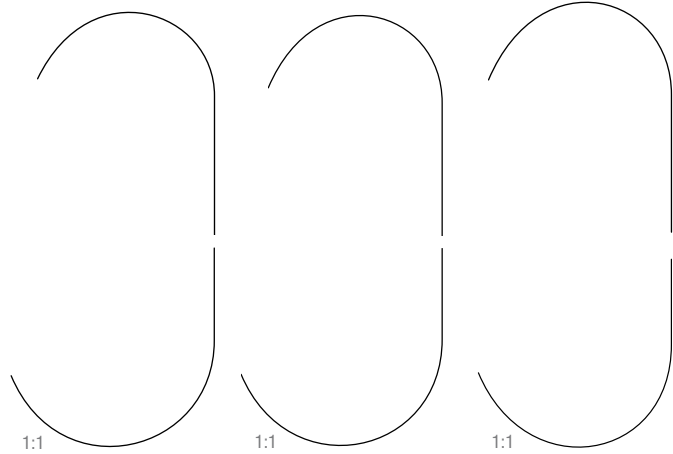
300 mm – 12"	300 mm – 12"	300 mm – 12"
x = 38 mm	x = 50 mm	x = 75 mm
24-755-007	24-755-008	24-755-009

**Wundhaken  
Retractors**

*Ecarteurs  
Separadores  
Divaricatori*



1:2



**ROUX**

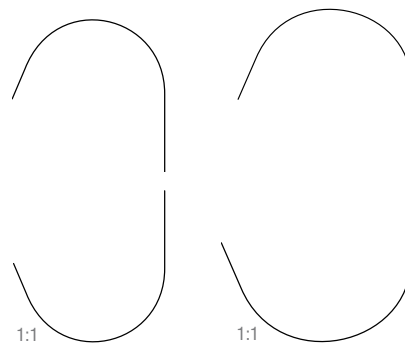
	Fig. 1	Fig. 2	Fig. 3
	140 mm – 5½"	150 mm – 6"	170 mm – 6¾"
	24 mm x 20 mm	29 mm x 26 mm	33 mm x 29 mm
	30 mm x 28 mm	36 mm x 36 mm	38 mm x 43 mm
	24-301-001	24-301-002	24-301-003

24-301-000	x	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie



1:2



**PARKER**

	Fig. 1	Fig. 2
	135 mm – 5¼"	135 mm – 5¼"
	18 mm x 15 mm	22 mm x 15 mm

318-106-130	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie

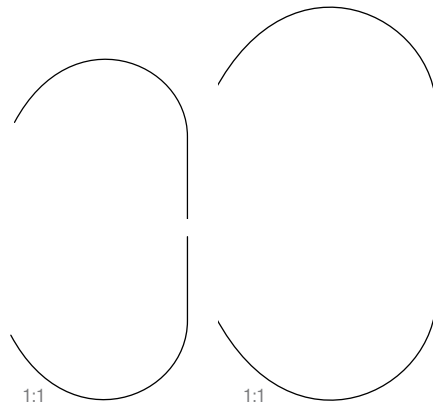
# Wundhaken Retractors



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



1:2



**PARKER**

180 mm – 7"	Fig. 1	Fig. 2
	26 mm x 25 mm	29 mm x 25 mm
	27 mm x 25 mm	27 mm x 25 mm

318-106-180	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie



**MINI-ROUX**

145 mm – 5¾"
8 mm x 6 mm
318-120-150



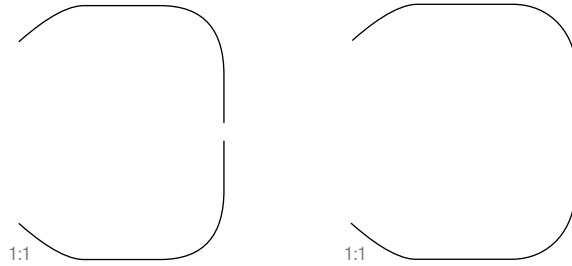
**BABY-ROUX**

130 mm – 5"
17 mm x 16 mm
18 mm x 22 mm
318-118-130



**Wundhaken**  
*Retractors*

*Ecarteurs*  
*Separadores*  
*Divaricatori*

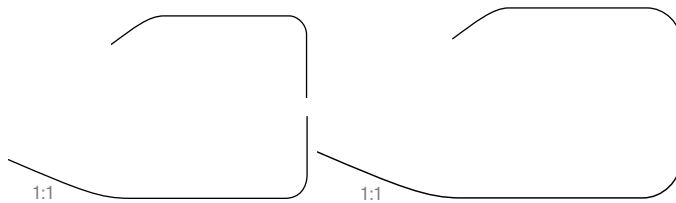


**MAYO-COLLIN**

150 mm – 6"	Fig. 1	Fig. 2
	25 mm x 18 mm	28 mm x 19 mm
	28 mm x 18 mm	32 mm x 19 mm

318-108-150	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie



**PARKER-LANGENBECK  
(US ARMY)**

210 mm – 8 ¼"	Fig. 1	Fig. 2
	21 mm x 24 mm	25 mm x 24 mm
	40 mm x 15 mm	45 mm x 15 mm

24-333-000	x	x
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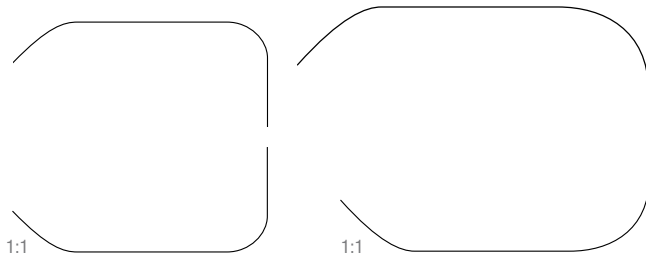
**Satz**  
Set  
Jeu  
Juego  
Serie

# Wundhaken

## Retractors



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



**MATHIEU**

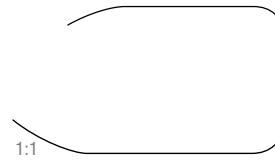
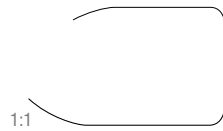
200 mm – 8"	Fig. 1	Fig. 2
	42 mm x 13 mm	47 mm x 13 mm
	42 mm x 26 mm	46 mm x 26 mm
	318-130-010	318-130-020

318-130-200	x	x
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**Satz**  
 Set  
 Jeu  
 Juego  
 Serie

**Wundhaken**  
**Retractors**

*Ecarteurs*  
*Separadores*  
*Divaricatori*

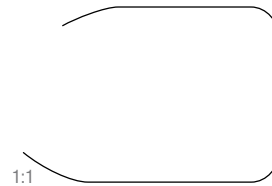
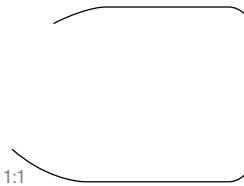


**FARABEUF**

120 mm – 4 3/4"	Fig. 1	Fig. 2
	26 mm x 10 mm	30 mm x 10 mm
	30 mm x 12 mm	34 mm x 12 mm

24-311-000	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie



**FARABEUF**

150 mm – 6"	Fig. 1	Fig. 2
	23 mm x 16 mm	27 mm x 16 mm
	26 mm x 16 mm	30 mm x 16 mm

24-313-000	x	x
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**Satz**  
Set  
Jeu  
Juego  
Serie