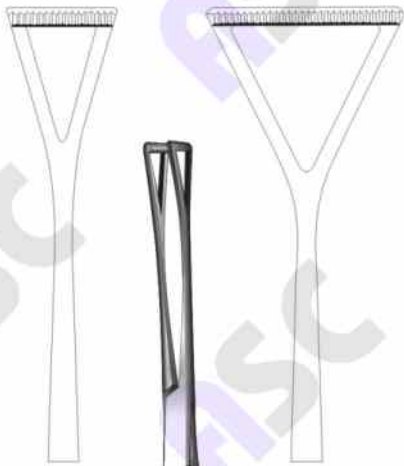


Tissue and Organ Holding Forceps  
Gewebe- und Organfanzangen  
Pinzas para tejidos y órganos

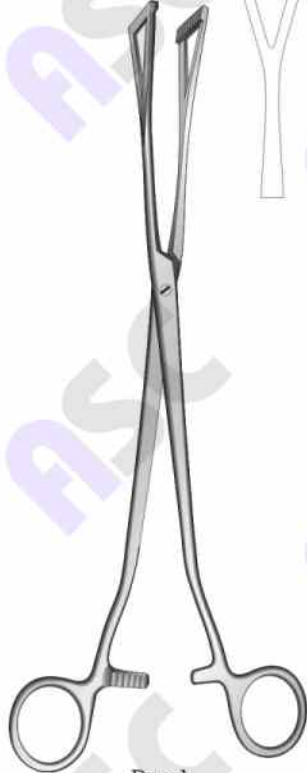


13 mm jaws  
**30-3040-18**  
18 cm / 7"  
**30-3040-20**  
20 cm / 8"

25 mm jaws  
**30-3041-20**  
20 cm / 8"  
**30-3041-23**  
23 cm / 9"



Duval



Duval  
**30-3045-28**  
28 cm / 11"  
25 mm wide jaws



Allis-Atrauma



**30-3050-16**  
16 cm / 6 1/4"

**30-3050-20**  
20 cm / 8"



**30-3050-25**  
25 cm / 10"

**30-3050-30**  
30 cm / 12"



Babcock-Atrauma



**30-3055-16**  
16 cm / 6 1/4"



**30-3055-20**  
20 cm / 8"



Scheibe



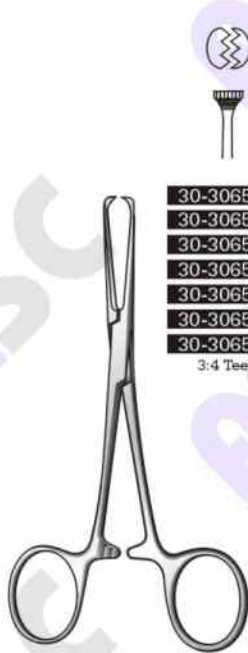
**30-3060-18**  
18 cm / 7"  
Narrow

**30-3060-20**  
20 cm / 8"  
Medium



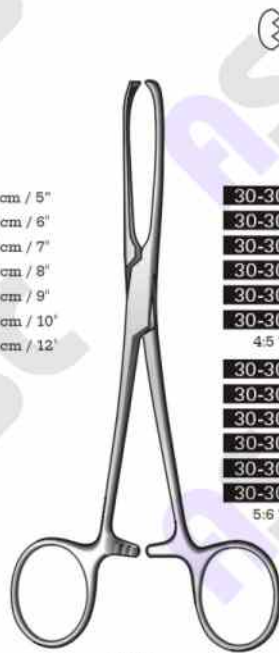
**30-3060-23**  
23 cm / 9"  
Wide

Tissue and Organ Holding Forceps  
 Gewebe- und Organfazzangen  
 Pinzas para tejidos y 6rganos



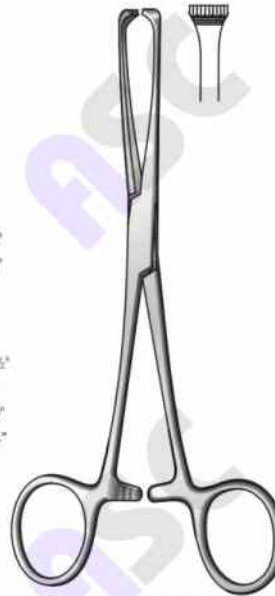
- 30-3065-13** 13 cm / 5"
  - 30-3065-15** 15 cm / 6"
  - 30-3065-18** 18 cm / 7"
  - 30-3065-20** 20 cm / 8"
  - 30-3065-23** 23 cm / 9"
  - 30-3065-25** 25 cm / 10"
  - 30-3065-30** 30 cm / 12"
- 3:4 Teeth

Allis-Baby



- 30-3070-15** 15 cm / 6"
  - 30-3070-18** 18 cm / 7"
  - 30-3070-20** 20 cm / 8"
  - 30-3070-23** 23 cm / 9"
  - 30-3070-25** 25 cm / 10"
  - 30-3070-30** 30 cm / 12"
- 4:5 Teeth
- 30-3071-15** 15 cm / 6"
  - 30-3071-18** 18 cm / 7"
  - 30-3071-19** 19 cm / 7½"
  - 30-3071-23** 23 cm / 9"
  - 30-3071-25** 25 cm / 10"
  - 30-3071-30** 30 cm / 12"
- 5:6 Teeth

Allis



Boys-Allis  
**30-3075-15**  
 15 cm / 6"  
 7:8 Teeth



Allis-Adair  
**30-3080-15**  
 15 cm / 6"  
 10:11 Teeth



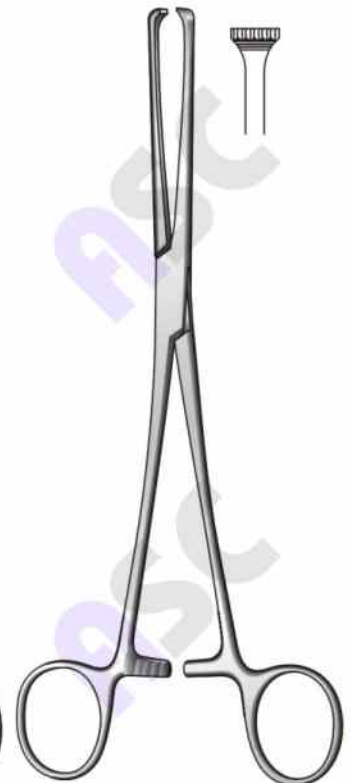
Judd-Allis  
**30-3085-15** 15 cm / 6"  
**30-3085-19** 19 cm / 7½"



Lockwood-Allis  
**30-3090-16** 16 cm / 6¼"  
**30-3090-20** 20 cm / 8"



Allis  
**30-3095-20**  
 20 cm / 8"  
 5:6 Teeth



Thoms-Allis  
**30-3101-20**  
 20 cm / 8"  
 6:7 Teeth

Tissue and Organ Holding Forceps, Intestinal Clamp Forceps  
Gewebe- und Organfazzangen, Darmklemmen  
Pinzas para tejidos y 6rganos, Pinzas clamps intestinales



Allis

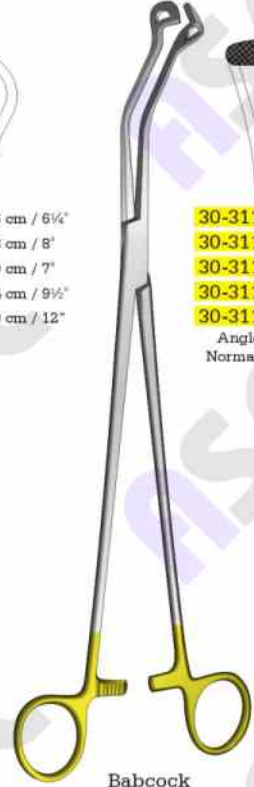
- 30-3105-15T 15 cm / 6"
- 30-3105-19T 19 cm / 7½"
- 30-3105-23T 23 cm / 9"
- 30-3105-25T 25 cm / 10"
- 30-3105-30T 30 cm / 12"



Babcock

- 30-3110-16T 16 cm / 6¼"
- 30-3110-18T 18 cm / 8"
- 30-3110-20T 20 cm / 7"
- 30-3110-24T 24 cm / 9½"
- 30-3110-30T 30 cm / 12"

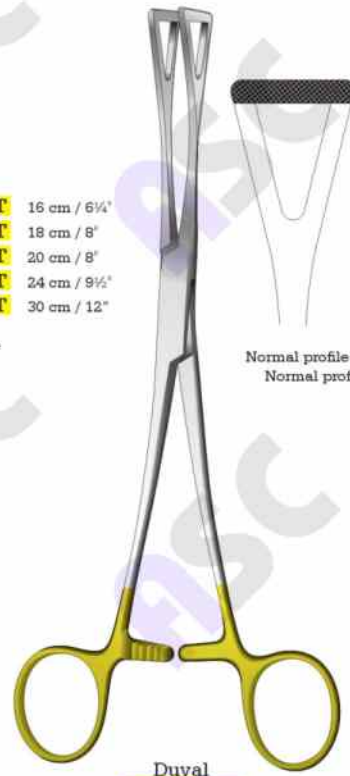
Straight  
Normal profile



Babcock

- 30-3115-16T 16 cm / 6¼"
- 30-3115-18T 18 cm / 8"
- 30-3115-20T 20 cm / 8"
- 30-3115-24T 24 cm / 9½"
- 30-3115-30T 30 cm / 12"

Angled 45°  
Normal profile



Duval  
30-3120-20T  
20 cm / 8"

Normal profile  
Normal profile



Dannes  
30-3125-23  
23 cm / 9"



Allen  
30-3130-20 20.5 cm / 8¼"  
30-3130-24 24 cm / 9½"

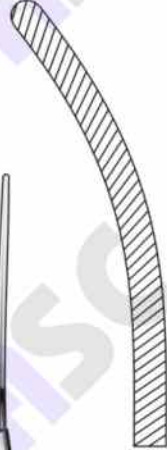


Baby-Allen  
30-3135-16  
16.5 cm / 6½"

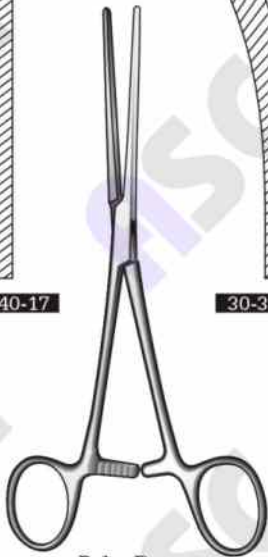
Intestinal Clamp Forceps  
Darmklemmen  
Pinzas clamps intestinales



30-3140-17



30-3141-17



Baby-Doyen  
17 cm / 6 3/4"



30-3145-21  
30-3145-23

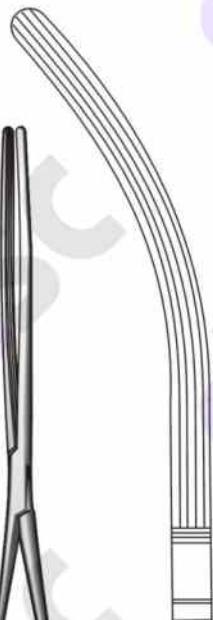


Doyen  
21 cm / 8 1/4"  
23 cm / 9"  
30-3146-21  
30-3146-23



30-3150-17  
30-3150-21  
30-3150-24

17 cm / 6 3/4"  
21 cm / 8 1/4"  
24 cm / 9 1/2"



30-3151-17  
30-3151-21  
30-3151-24

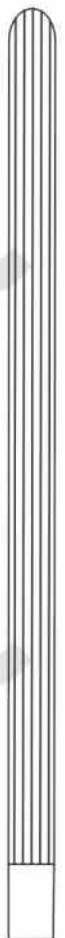
17 cm / 6 3/4"  
21 cm / 8 1/4"  
24 cm / 9 1/2"



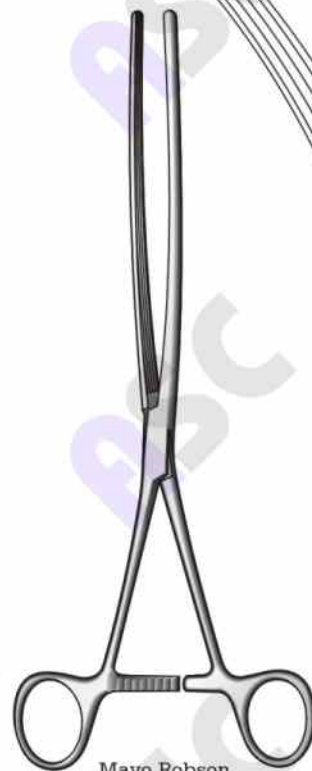
Mayo-Robson



30-3155-25



30-3156-25



Mayo Robson  
25 cm / 10"

Atrauma Intestinal and Stomach Clamp Forceps with Serrations  
Atrauma Darm- und Magenklammern mit Zahnung  
Atrauma pinzas clamps intestinales con dentado



Kocher  
Very elastic

- |            |                |            |
|------------|----------------|------------|
| 30-3160-22 | 22 cm / 8 3/4" | 30-3161-22 |
| 30-3160-25 | 25 cm / 10"    | 30-3161-25 |
| 30-3160-28 | 28 cm / 11"    | 30-3161-28 |



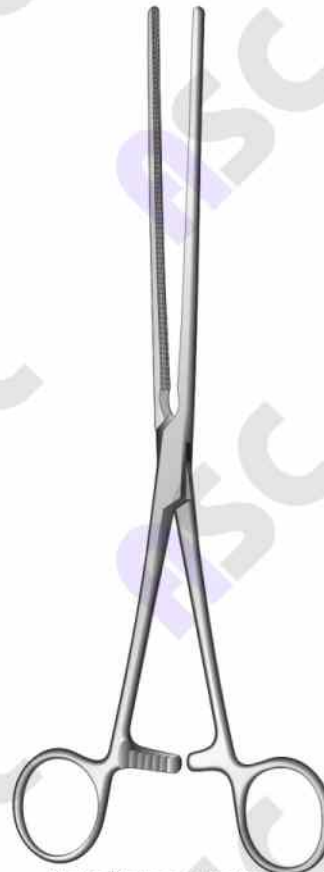
Doyen-Atrauma

- |            |                |            |
|------------|----------------|------------|
| 30-3165-13 | 13 cm / 5"     | 30-3166-13 |
| 30-3165-16 | 16 cm / 6 1/4" | 30-3166-16 |
| 30-3165-18 | 18 cm / 7"     | 30-3166-18 |
| 30-3165-21 | 21 cm / 8 1/4" | 30-3166-21 |
| 30-3165-23 | 23 cm / 9"     | 30-3166-23 |

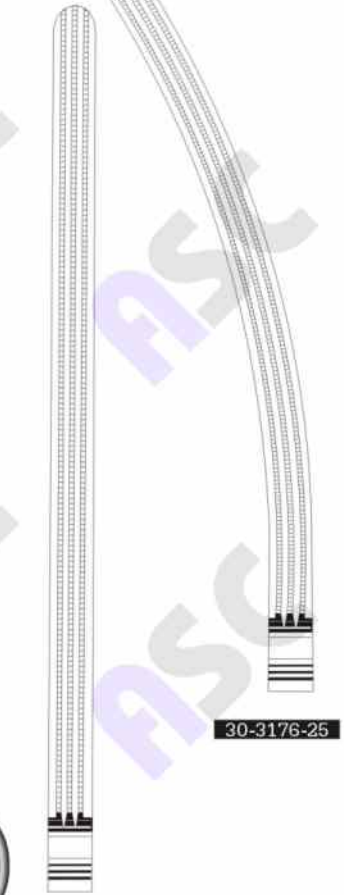


Kocher-Atrauma

- |            |                |            |
|------------|----------------|------------|
| 30-3170-22 | 22 cm / 8 3/4" | 30-3171-22 |
| 30-3170-25 | 25 cm / 10"    | 30-3171-25 |
| 30-3170-28 | 28 cm / 11"    | 30-3171-28 |



Mayo-Robson-Atrauma  
25 cm / 10"



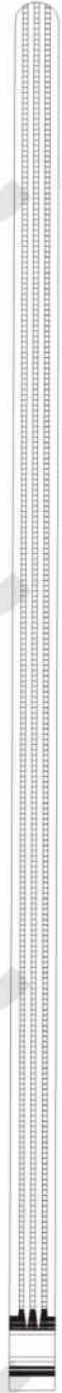
30-3175-25

30-3176-25

Atrauma Sigmoid Anastomosis Forceps  
Atrauma Rektum-Anastomosenklemmen  
Atrauma pinzas para anastomosis del recto



Atrauma Intestinal Clamps, Sigmoid Anastomosis Forceps  
Atrauma Darmklemmen, Rektum-Anastomosenklemmen  
Atrauma Pinzas intestinales, Pinzas para anastomosis rectales



30-3195-33



Scudder-Atrauma  
33 cm / 13"



30-3196-33

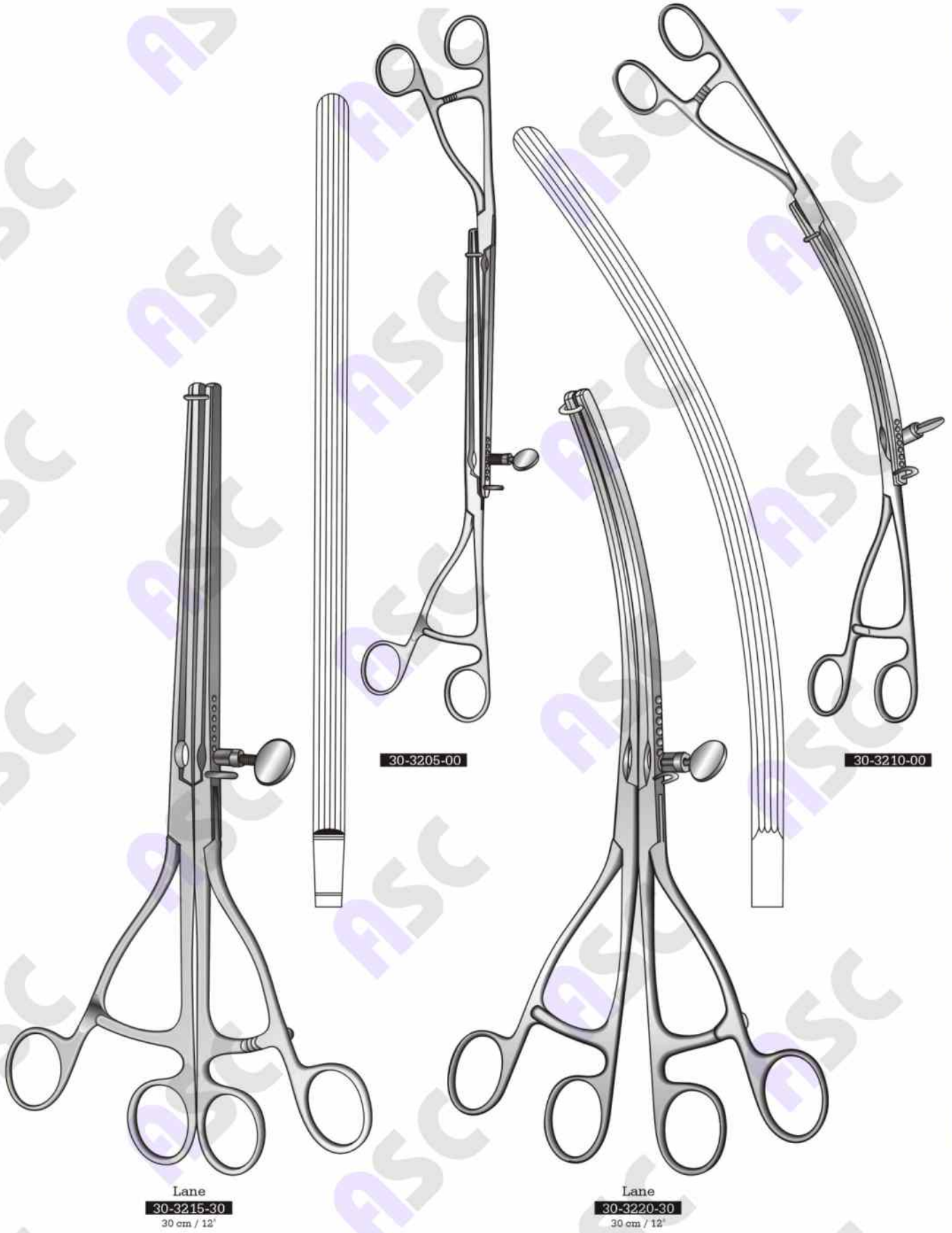


Brunner



30-3201-24  
24 cm / 9½"

Stomach Clamp Forceps  
Magenklemmen  
Pinzas clamps estomacales





Intestinal and Pylorus Clamps  
Darmquetschklammen  
Pinzas intestinales para piloro



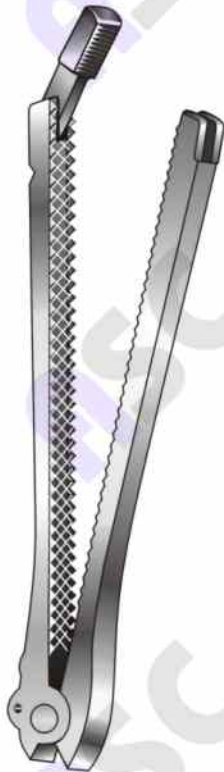
**Payr-Baby**  
**30-3225-15**  
15 cm / 6"  
With pin

**Payr**  
**30-3230-21** With pin  
**30-3231-21** Without pin  
21 cm / 8¼"

**Payr**  
**30-3235-29** With pin  
**30-3236-29** Without pin  
29 cm / 11½"

**Payr**  
**30-3240-35** With pin  
**30-3241-35** Without pin  
**30-3242-35** With groove  
35 cm / 14"

Intestinal and Anastomosis Clamp Forceps  
 Darmklemmen, Anastomosenklemmen  
 Pinzas clamps intestinales y para anastomosis



**DeMartel-Wolfson**  
 Anastomosis Clamps  
 Sets consist of  
 2 clamps with short grip  
 1 clamp with long grip



**30-3245-00**  
**30-3246-00**



**30-3275-00**

- 30-3250-05** Set of 5 cm / 2" long clamps
- 30-3251-05** 5 cm / 2" clamp with short grip
- 30-3252-05** 5 cm / 2" clamp with long grip
- 30-3255-07** Set of 7.5 cm / 3" long clamps
- 30-3256-07** 7.5 cm / 3" clamp with short grip
- 30-3257-07** 7.5 cm / 3" clamp with long grip
- 30-3260-10** Set of 10 cm / 4" long clamps
- 30-3261-10** 10 cm / 4" clamp with short grip
- 30-3262-10** 10 cm / 4" clamp with long grip
- 30-3265-08** Clamp holder, 8 cm / 3 1/4" long
- 30-3266-09** Clamp holder, 23 cm / 9", long
- 30-3270-00** Closing forceps

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**  
**15-0764-00**

12 cm / 4 3/4"  
Set of 2

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



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

**Farabeuf**  
**15-0766-00**

15 cm / 6"  
Set of 2

Fig. 2 21 x 14 mm  
Fig. 1 17 x 14 mm



Fig. 1 28 x 16 mm  
Fig. 2 32 x 16 mm

**Collin**  
**15-3001-15**

15 cm / 6"  
Set of 2

11 x 4 mm



19 x 6 mm

**Crile**  
**15-3005-11**

11 cm / 4 1/4"



**Mini-Roux**  
**15-0768-06**

14 cm / 5 1/2"



**Baby-Roux**  
**15-0770-13**

13 cm / 5 1/4"



**Roux**  
**15-0756-00** Set  
**15-0756-01** 14 cm / 5 1/2"  
**15-0756-02** 15 cm / 6"  
**15-0756-03** 17 cm / 6 3/4"  
**15-0756-04** 18 cm / 7"

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



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

**Parker**  
**15-0774-01**

Set of two

Retractors  
Wundhaken  
Separadores



Fig. 2 29 x 25 mm  
Fig. 1 26 x 25 mm

Fig. 1 24 x 25 mm  
Fig. 2 27 x 25 mm

**Parker**

**15-0774-02**

18 cm / 7"  
Set of 2

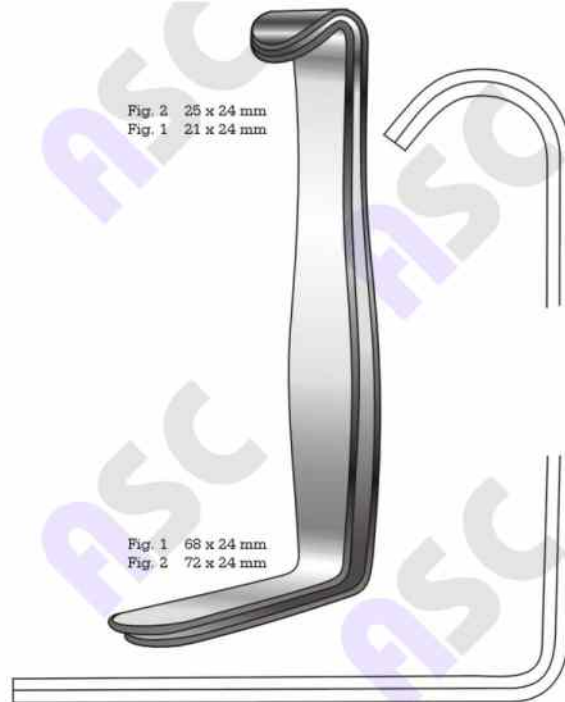


Fig. 2 25 x 24 mm  
Fig. 1 21 x 24 mm

Fig. 1 68 x 24 mm  
Fig. 2 72 x 24 mm

**Parker-Mott**

**15-3010-16**

16 cm / 6 1/4"  
Set of 2



Fig. 2 25 x 24 mm  
Fig. 1 21 x 24 mm

Fig. 1 40 x 15 mm  
Fig. 2 45 x 15 mm

**Parker-Langenbeck**

**15-3015-21**

21 cm / 8 1/4"  
Set of 2



Fig. 2 47 x 13 mm  
Fig. 1 41 x 13 mm

Fig. 1 37 x 25 mm  
Fig. 2 42 x 25 mm

**Mathieu**

**15-3020-20**

20 cm / 8"



36 mm

42 mm

**Czerny**

**15-3025-17**

17.5 cm / 7"



**Canny Ryoll**

**15-3030-16**

16 cm / 6 1/4"

**15-3030-20**

20 cm / 8"

**15-3030-25**

25 cm / 10"

**15-3030-30**

30 cm / 12"



**Goelet**  
15-0796-00  
19 cm / 7½"



40 x 40 mm

30 x 30 mm



15-3035-28 115 x 27 mm  
15-3036-28 115 x 22 mm

**Simon**  
28 cm / 11"



**Hibbs**  
15-3040-22  
22 cm / 8¾"  
25 x 75 mm blade



**Taylor**  
15-3045-18 18 cm / 7", 75 x 30 mm blade  
15-3045-20 20 cm / 8", 100 x 30 mm blade  
Spinal retractor

Retractors  
Wundhaken  
Separadores



Deaver  
**15-3050-18**  
18 cm / 7"  
19 mm

Deaver  
**15-3055-21**  
21.5 cm / 8½"  
22 mm

Deaver  
**15-3060-23**  
23 cm / 9"  
25 mm

Deaver  
**15-3065-30**  
30 cm / 12"  
25 mm

Deaver  
**15-3070-33**  
33 cm / 13"  
25 mm

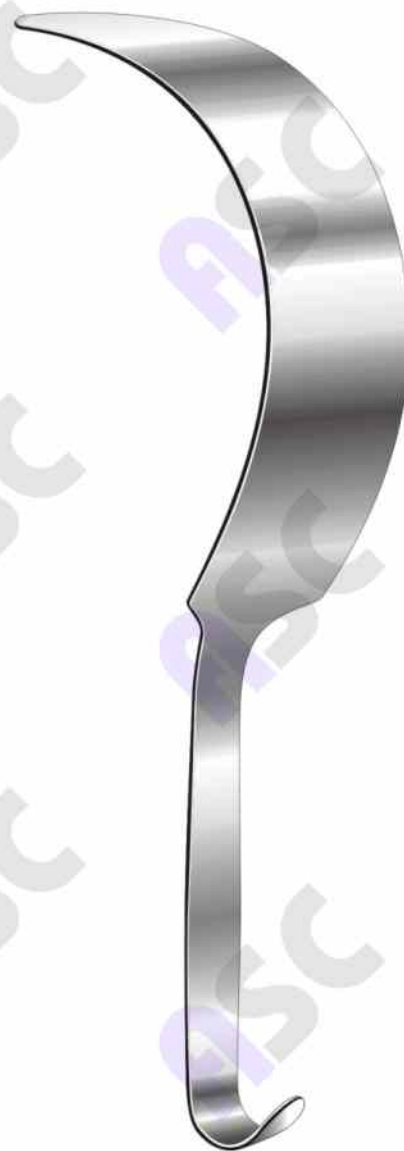
Deaver  
**15-3075-36**  
36 cm / 14"  
25 mm



Deaver  
**15-3080-30**  
30 cm / 12"  
38 mm

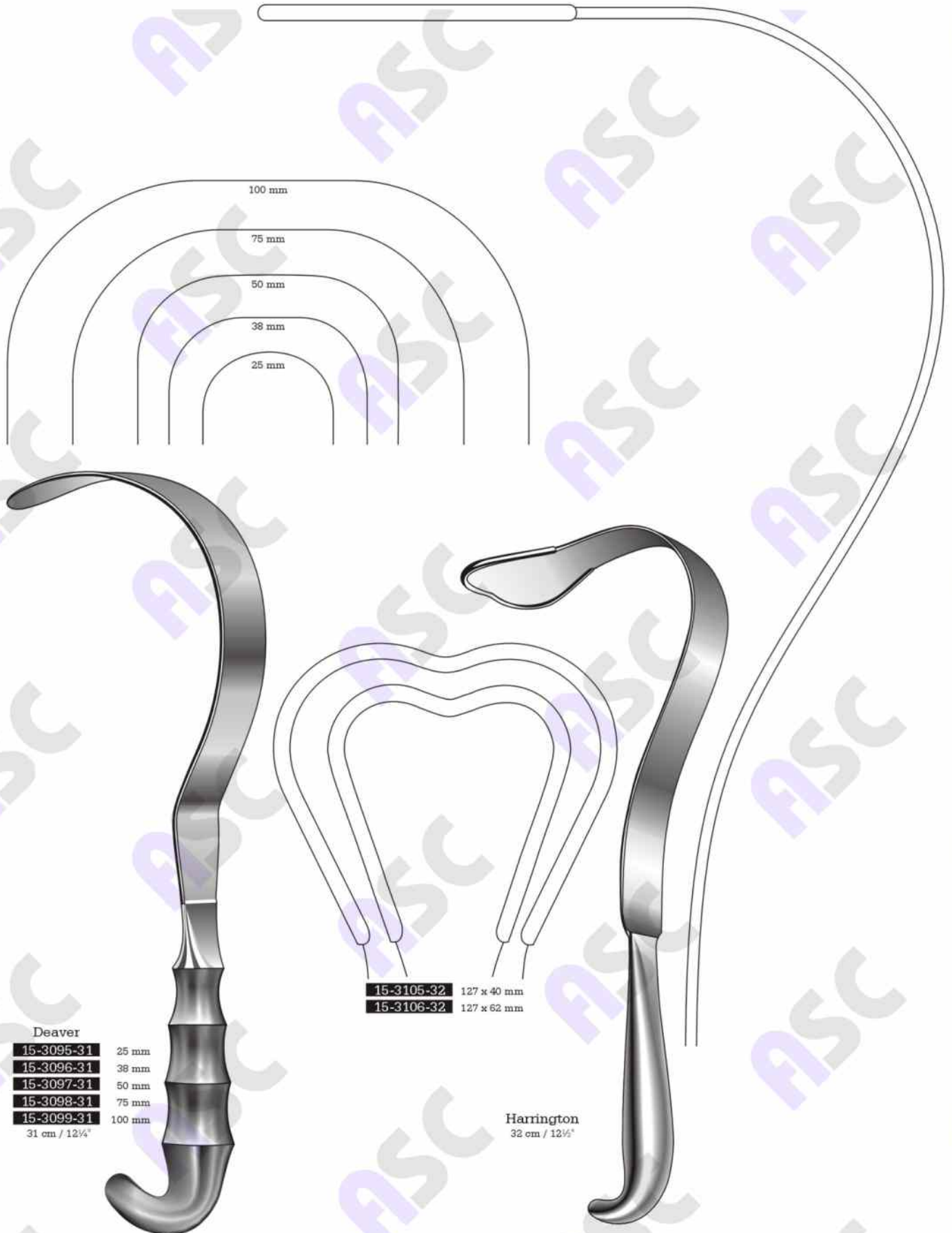


Deaver  
**15-3085-30**  
30 cm / 12"  
50 mm



Deaver  
**15-3090-30**  
30 cm / 12"  
75 mm

Retractors  
Wundhaken  
Separadores



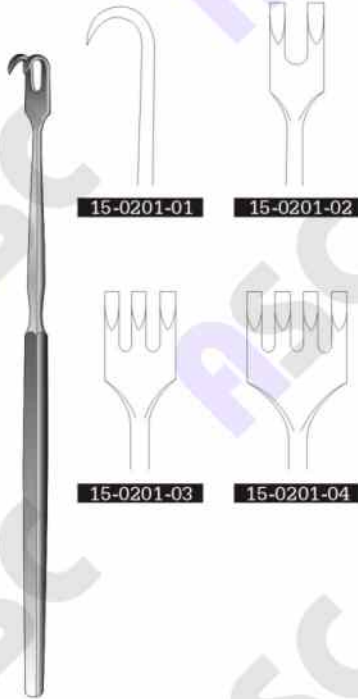
- Deaver**
- 15-3095-31** 25 mm
  - 15-3096-31** 38 mm
  - 15-3097-31** 50 mm
  - 15-3098-31** 75 mm
  - 15-3099-31** 100 mm
- 31 cm / 12¼"

- 15-3105-32** 127 x 40 mm
- 15-3106-32** 127 x 62 mm

**Harrington**  
32 cm / 12½"



Hooklets  
Wundhäkchen  
Ganchitos



15-0201-01

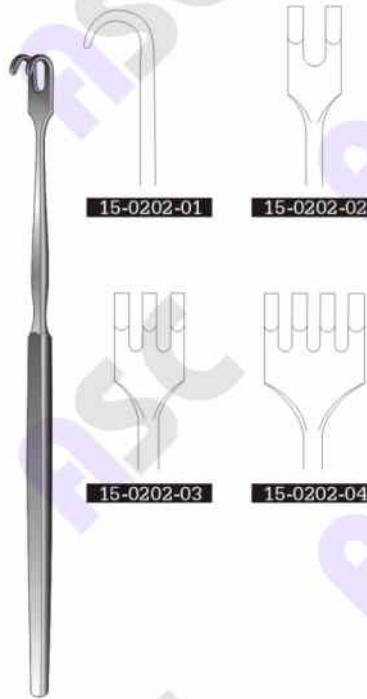
15-0201-02



15-0201-03

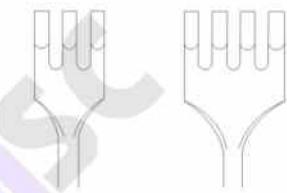
15-0201-04

16 cm / 6¼"  
Sharp



15-0202-01

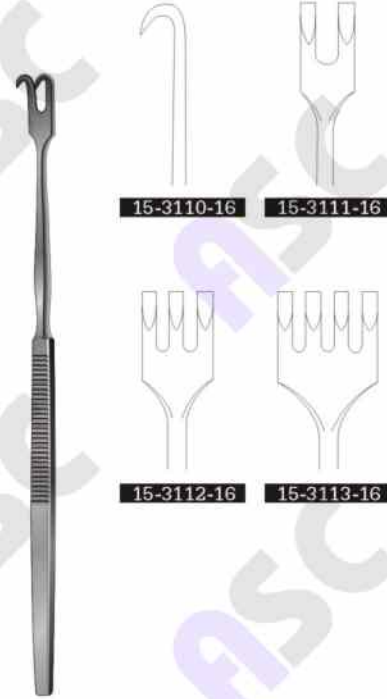
15-0202-02



15-0202-03

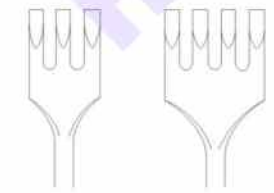
15-0202-04

16 cm / 6¼"  
Blunt



15-3110-16

15-3111-16



15-3112-16

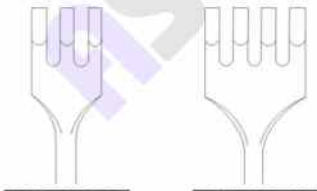
15-3113-16

16 cm / 6¼"  
Sharp



15-3115-16

15-3116-16



15-3117-16

15-3118-16

16 cm / 6¼"  
Blunt



15-3120-16

15-3125-16



15-3121-16

15-3126-16



15-3122-16

15-3127-16

Sharp

Blunt

16 cm / 6¼"  
Flexible

Micro Hooklets, Skin Hooks  
Mikrohäkchen, Hauthäkchen  
Micro ganchitos, Ganchitos de piel



Saddle Hooks, Hooklets  
Sattelhäkchen, Wundhäkchen  
Ganchos en forma de silla, Ganchitos



**Desmarres**

- 15-3150-16** 8 mm
  - 15-3151-16** 10 mm
  - 15-3152-16** 12 mm
  - 15-3153-16** 14 mm
  - 15-3154-16** 16 mm
  - 15-3155-16** 18 mm
- 16 cm / 6 1/4"



- 30-3160-16** 12 mm
  - 30-3161-16** 14 mm
  - 30-3162-16** 16 mm
  - 30-3163-16** 18 mm
- 16 cm / 6 1/4"



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



**15-3165-16**  
16 x 6 mm



**15-3166-16**  
24 x 6 mm



**Mini-Langenbeck**

- 15-3170-16** 10 x 6 mm
  - 15-3171-16** 17 x 5 mm
  - 15-3172-16** 20 x 6 mm
  - 15-3173-16** 22 x 8 mm
- 16 cm / 6 1/4"



**Cushing**  
20 cm / 8"



**15-3175-20**  
8 mm



**15-3180-20**  
10 mm



**15-3176-20**  
12 mm



**15-3181-20**  
14 mm



**15-3177-20**  
16 mm



**15-3182-20**  
18 mm



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



**15-3185-24**  
8 mm



**15-3190-24**  
10 mm



**15-3186-24**  
12 mm



**15-3191-24**  
14 mm



**15-3187-24**  
16 mm



**15-3192-24**  
18 mm

Hooklets  
Wundhäkchen  
Ganchitos



**Ragnell-Davis**  
15-0265-14  
14 cm / 5½"



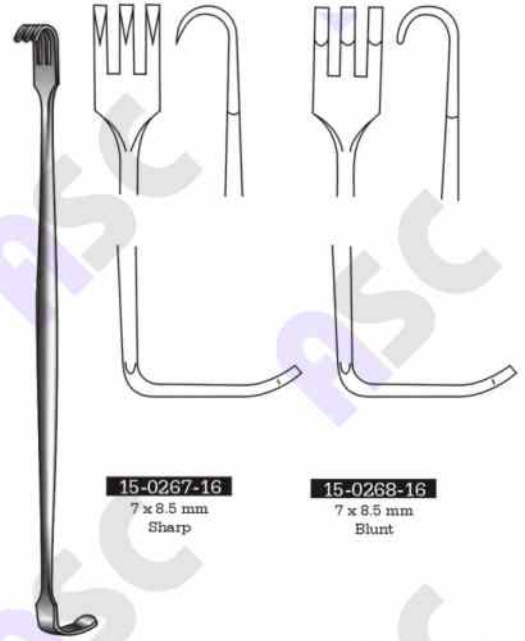
**Senn-Green**  
15 cm / 6"



15-0262-01  
10 x 6 mm



15-0262-02  
20 x 6 mm



**Senn-Miller**  
16 cm / 6¼"

15-0267-16  
7 x 8.5 mm  
Sharp

15-0268-16  
7 x 8.5 mm  
Blunt



15-3195-00  
18 x 7 mm  
Fig. 1  
Blunt



15-3196-00  
16 x 5 mm  
Fig. 2  
Toothed



15-3197-00  
7 x 4 mm  
Fig. 3  
Toothed



**Meyerdig**  
18 cm / 7"



15-3198-00  
5 x 10 mm  
Fig. 4  
Sharp



15-3199-00  
11 x 4 mm  
Fig. 5  
Blunt



15-3200-00  
6 x 4 mm  
Fig. 6  
Saddle shaped



**Gil-Vernet**  
24 cm / 9½"  
Flexible shaft



15-3205-24  
8 mm



15-3210-24  
11 mm



15-3206-24  
15 mm



15-3211-24  
17 mm



15-3207-24  
20 mm



15-3212-24  
23 mm



Retractors  
Wundhaken  
Separadores



Murphy  
19 cm / 7½"  
Sharp



Murphy  
19 cm / 7½"  
Blunt



Kocher  
22 cm / 8½"





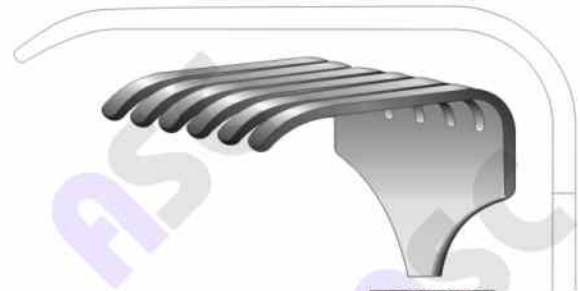
**15-3265-00**  
40 x 30 mm  
Sharp



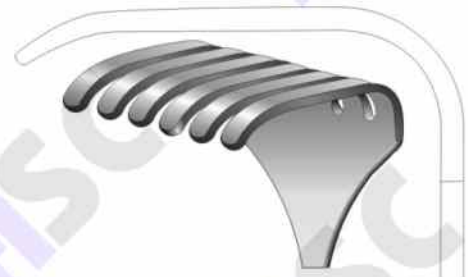
**Koerte**  
**15-3270-23**  
23.5 cm / 9 1/4"  
40 x 30 mm  
blunt



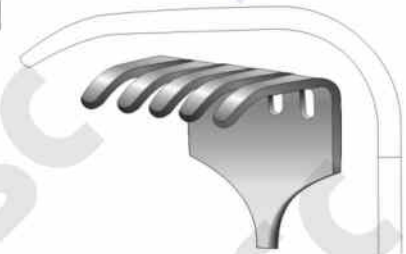
**Israel**  
25 cm / 10"



**15-3278-25**  
70 x 70 mm



**15-3277-25**  
50 x 60 mm



**15-3276-25**  
45 x 50 mm

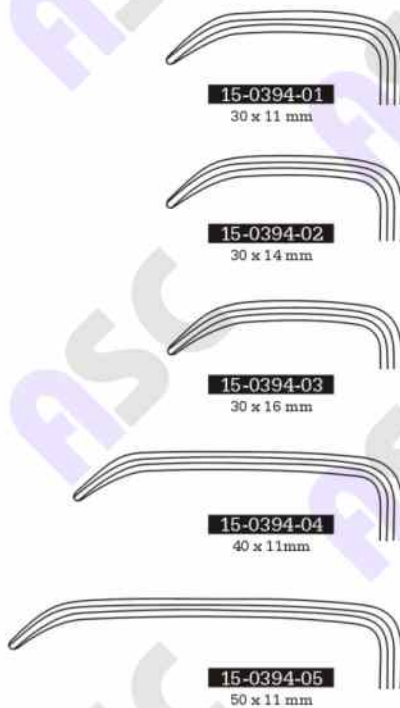


**15-3275-25**  
40 x 40 mm

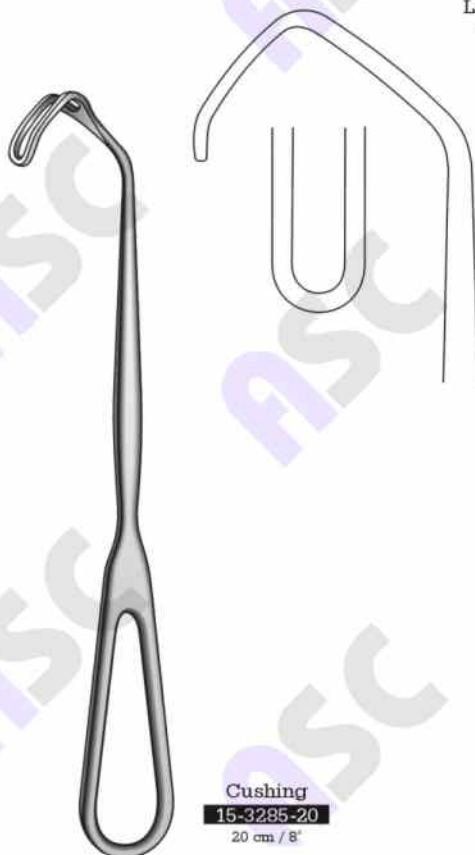
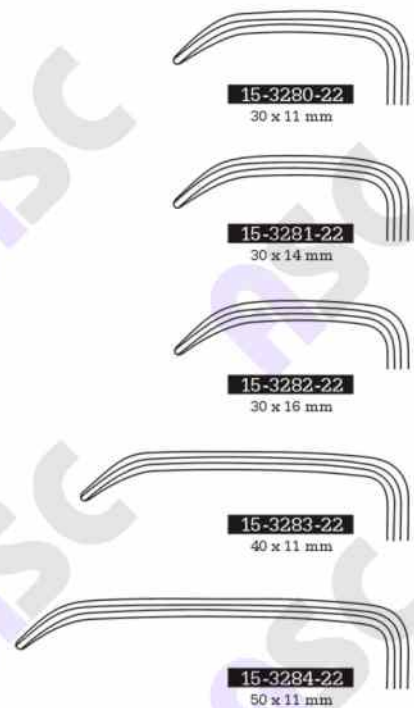
Retractors  
Wundhaken  
Separadores



Langenbeck  
21 cm / 8 1/4"



Langenbeck  
22 cm / 8 1/2"

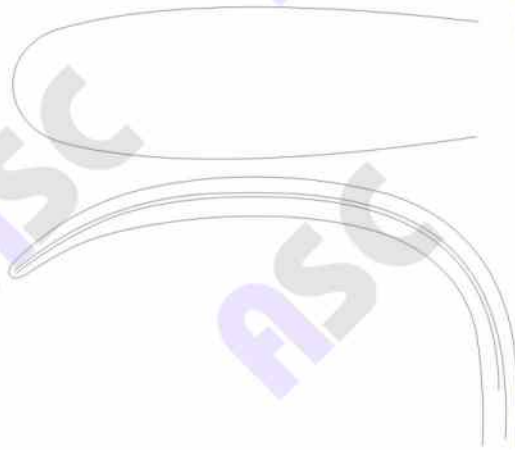


Cushing  
15-3285-20  
20 cm / 8"



Langenbeck  
15-3290-00 22 x 6 mm  
15-3291-00 44 x 13 mm





15-3305-23	40 x 18 mm
15-3306-23	60 x 20 mm
15-3307-23	60 x 25 mm
15-3308-23	75 x 30 mm
15-3309-23	75 x 40 mm



**Langenbeck**  
15-3295-21  
21 cm / 8¼"  
85 x 15 mm

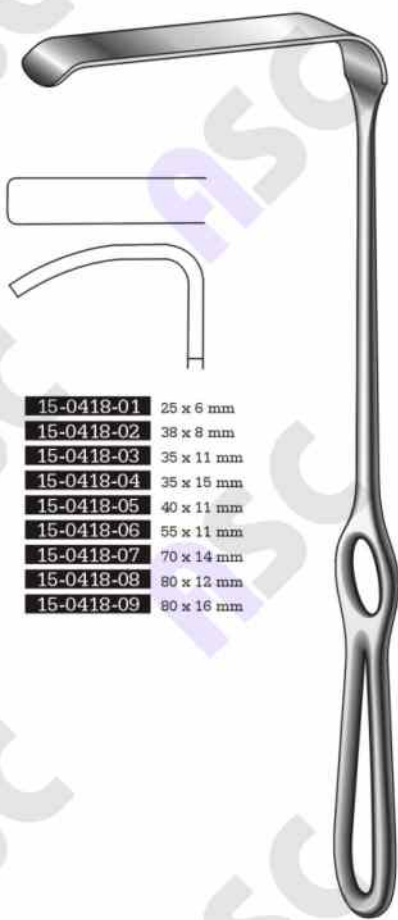


**Langenbeck**  
15-3300-21  
21 cm / 8¼"  
60 x 20 mm



**Kocher**  
23 cm / 9"

Retractors  
Wundhaken  
Separadores



Kocher-Langenbeck  
21.5 cm / 8 1/2"



Morris  
 15-3315-00 40 mm  
 15-3316-00 50 mm  
 15-3317-00 65 mm



Morris  
 15-3320-00 30 x 40 mm  
 15-3321-00 45 x 50 mm  
 15-3322-00 55 x 60 mm



**15-0462-01**  
21.5 cm / 8½"  
14 x 17 mm



Ollier  
**15-3325-22**  
22.5 cm / 9"  
36 x 30 mm



**15-3335-25**  
45 x 45 mm



**15-0462-02**  
22 cm / 8¾"  
20 x 22 mm



**15-3336-25**  
45 x 50 mm



Middeldorpf



**15-0462-03**  
23.5 cm / 9½"  
26 x 30 mm



Ollier  
**15-3330-22**  
22.5 cm / 9"  
36 x 60 mm

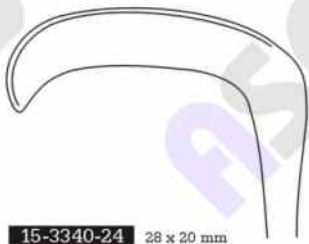


Middeldorpf  
25.5 cm / 10"



**15-3337-25**  
55 x 70 mm

Retractors  
Wundhaken  
Separadores



15-3340-24 28 x 20 mm  
15-3341-24 36 x 28 mm  
15-3342-24 44 x 38 mm



**Richardson**  
24 cm / 9½"



**Richardson**  
15-3345-24  
24 cm / 9½"  
52 x 22 mm



**Kelly**  
15-3350-26 50 x 35 mm  
15-3351-26 65 x 50 mm  
15-3352-26 75 x 65 mm  
26 cm / 10¼"

Fig. 2 49 x 38 mm  
Fig. 1 28 x 20 mm

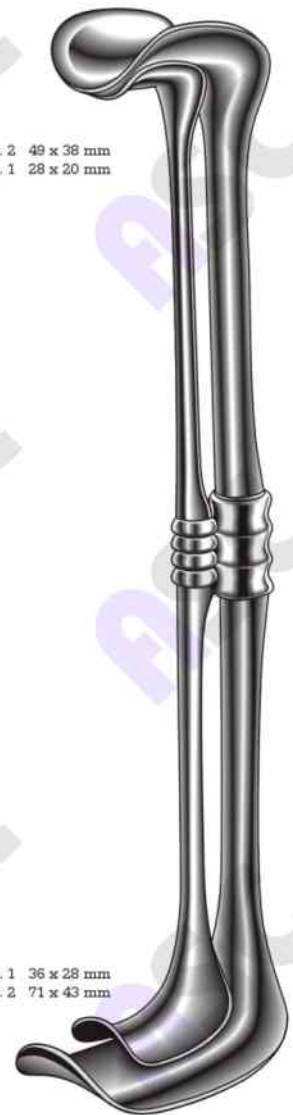


Fig. 1 36 x 28 mm  
Fig. 2 71 x 43 mm

**Richardson-Eastman**  
15-3355-26 26 cm / 10¼", Fig.1  
15-3355-28 28 cm / 11", Fig.2  
15-3355-30 Set of 2, Fig.1 & Fig.2



Saurbruch

15-3360-00  
75 x 15 mm



15-3362-00  
45 x 20 mm



15-3361-00  
60 x 23 mm



Fritsch  
15-3365-24  
24 cm / 9½"  
40 x 40 mm



Fritsch  
15-3370-24 45 x 40 mm  
15-3371-24 45 x 50 mm  
15-3372-24 45 x 60 mm  
15-3373-24 45 x 75 mm  
24 cm / 9½"



Doyen  
15-3375-25  
25 cm / 10"  
50 x 85 mm

Retractors  
Wundhaken  
Separadores



Tuffier  
15-3380-23  
23 cm / 9"



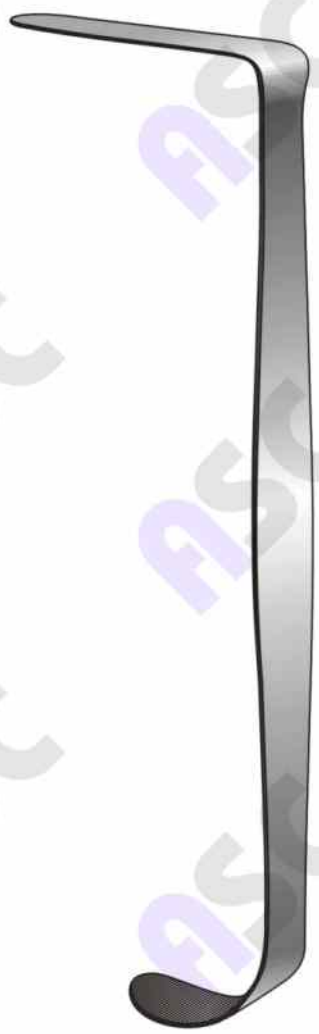
Koerte  
15-3385-28  
28 cm / 11"  
120 x 47 mm  
Rigid



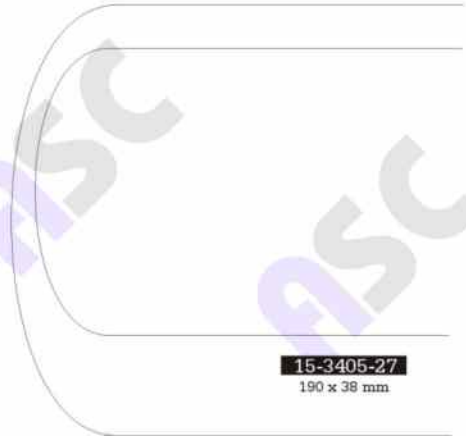
15-3391-27  
45 x 25 mm



15-3392-27  
73 x 28 mm



Heaney  
15-3390-27  
82 x 28 mm  
27 cm / 10 3/4"



**15-3405-27**  
190 x 38 mm

**15-3406-27**  
190 x 57 mm



**Mikulicz**  
**15-3395-26**  
26 cm / 10 1/4"  
90 x 50 mm



**Mikulicz**  
**15-3400-26** 95 x 35 mm  
**15-3401-26** 120 x 50 mm  
**15-3402-26** 150 x 50 mm  
26 cm / 10 1/4"



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

Retractors  
Wundhaken  
Separadores



**Meyerding**  
For deep surgery

**15-3410-25**  
25.5 cm / 10"  
89 x 50 mm



**15-3410-23**  
23 cm / 9"  
76 x 25 mm



**15-3410-21**  
21 cm / 8 1/2"  
52 x 16 mm



**Davidson**  
**15-3415-16** 75 x 50 mm  
**15-3416-16** 75 x 90 mm  
15 cm / 6 1/4"  
Soapula retractor



65 x 45 mm

**Dartigues**  
**15-3420-00**



Pelvis Retractors  
Beckenhaken  
Separadores para pelvis



Retractors  
Wundhaken  
Separadores

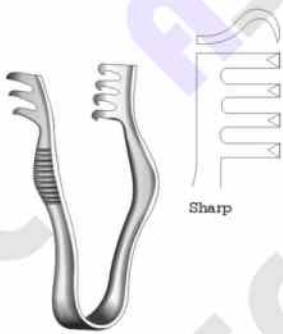


**Throkson**  
**15-3440-33** 40 x 170 mm  
**15-3441-33** 50 x 170 mm  
**15-3442-33** 65 x 170 mm  
33 cm / 13"



**Throkson**  
**15-3445-33** 40 x 170 mm  
**15-3446-33** 50 x 170 mm  
**15-3447-33** 65 x 170 mm  
33 cm / 13"

Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



**Finsen**  
15-3450-07  
15-3455-07  
7 cm / 2 3/4"



**Finsen**  
15-3451-07  
15-3456-07  
7 cm / 2 3/4"  
With adjusting screw



15-3460-08  
8 cm / 3 1/4"

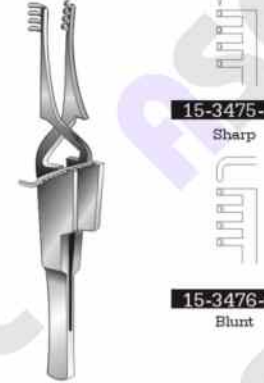


**Buckley**  
15-3465-06  
6 cm / 2 1/2"



15-3470-07 7 cm / 2 3/4"  
15-3470-10 10 cm / 4"  
Sharp  
15-3471-07 7 cm / 2 3/4"  
15-3471-10 10 cm / 4"  
Blunt

Alm



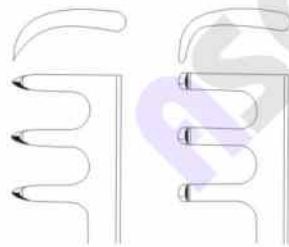
15-3475-10  
Sharp

10 cm / 4"

15-3476-00  
Blunt



**Jansen**  
10 cm / 4"



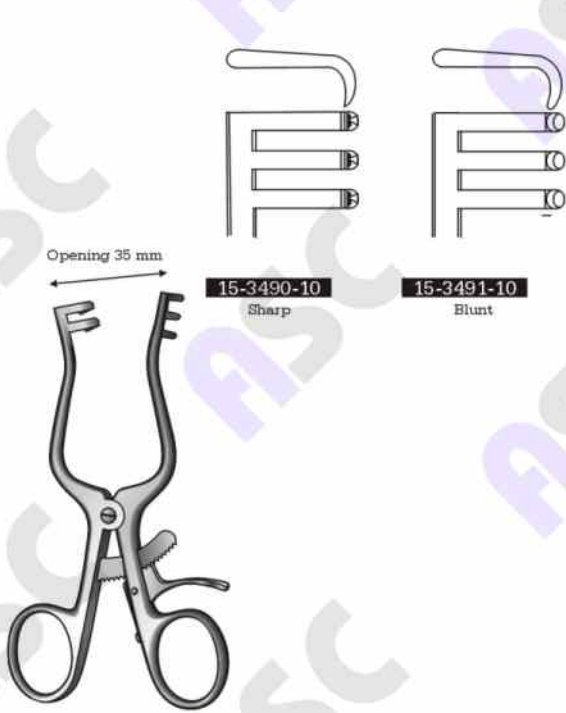
15-3480-10  
Sharp

15-3481-10  
Blunt



**Jansen-Wagner**  
15-3485-10  
10 cm / 4"

Retractors  
Wundhaken  
Separadores

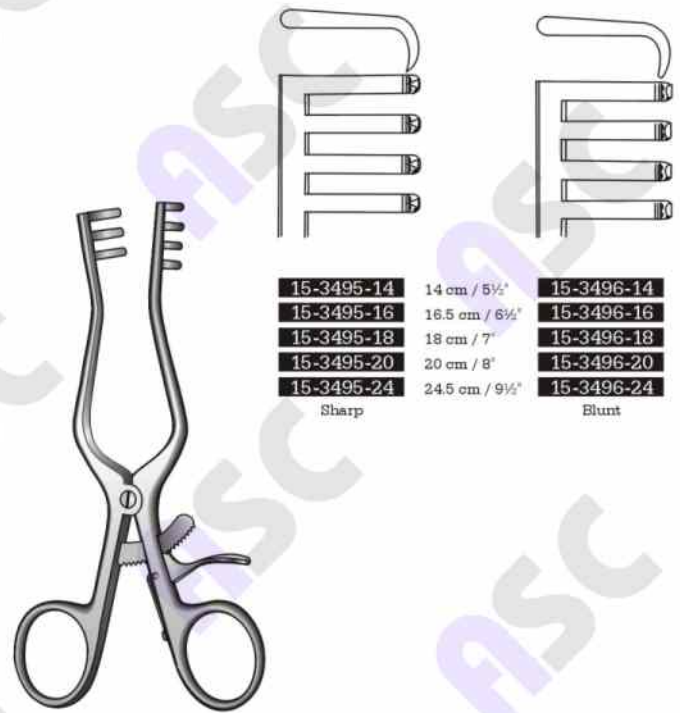


Opening 35 mm

**15-3490-10**  
Sharp

**15-3491-10**  
Blunt

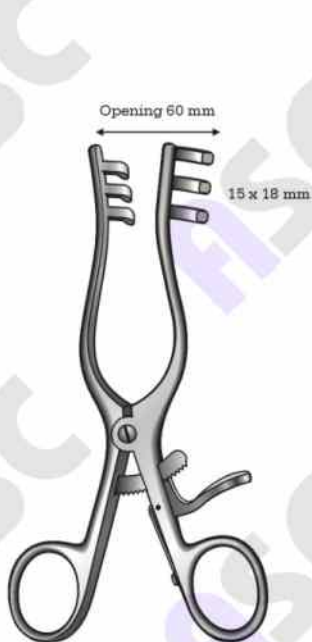
**Weitlaner**  
10.5 cm / 4 1/4"  
2:3 Teeth



**15-3495-14** 14 cm / 5 1/2"  
**15-3495-16** 16.5 cm / 6 1/2"  
**15-3495-18** 18 cm / 7"  
**15-3495-20** 20 cm / 8"  
**15-3495-24** 24.5 cm / 9 1/2"  
Sharp

**15-3496-14**  
**15-3496-16**  
**15-3496-18**  
**15-3496-20**  
**15-3496-24**  
Blunt

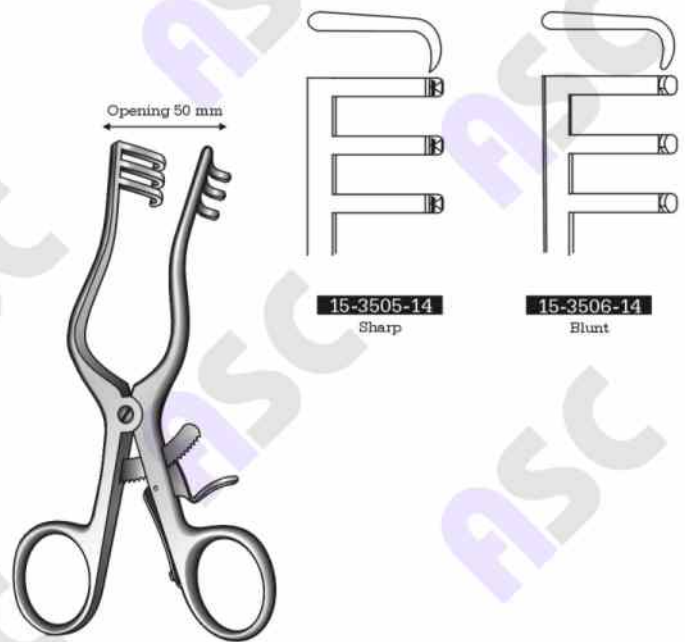
**Weitlaner**  
3:4 Teeth



Opening 60 mm

15 x 18 mm

**West**  
**15-3500-13**  
13 cm / 5 1/4"  
3:3 Teeth



Opening 50 mm

**15-3505-14**  
Sharp

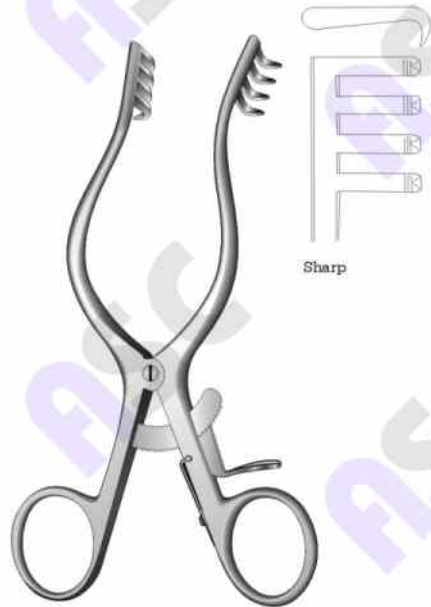
**15-3506-14**  
Blunt

**Weitlaner-Wullstein**  
14 cm / 5 1/2"  
3:3 Teeth

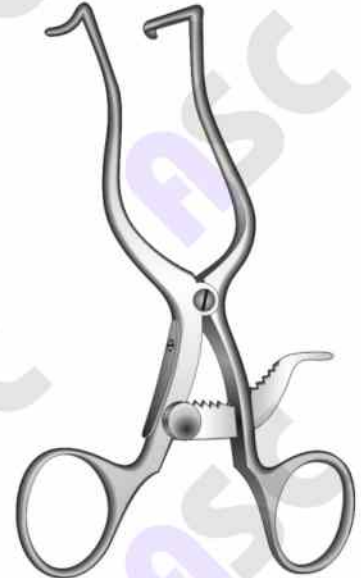
Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



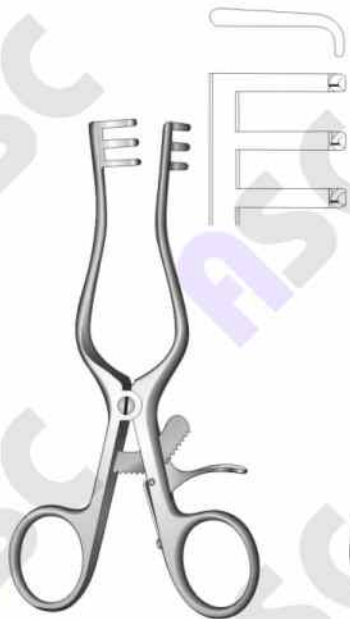
**Weitlania**  
**15-3510-14**  
14 cm / 5½"



**Mollison**  
**15-3515-15**  
15 cm / 6"  
4:4 Teeth



**Cloward**  
**15-3520-13**  
13.5 cm / 5¼"  
Blunt



**Milligan**  
**15-3525-13**  
13 cm / 5"  
Blunt



**Plester**  
**15-3530-11**  
11 cm / 4¼"  
Blunt  
2 Teeth

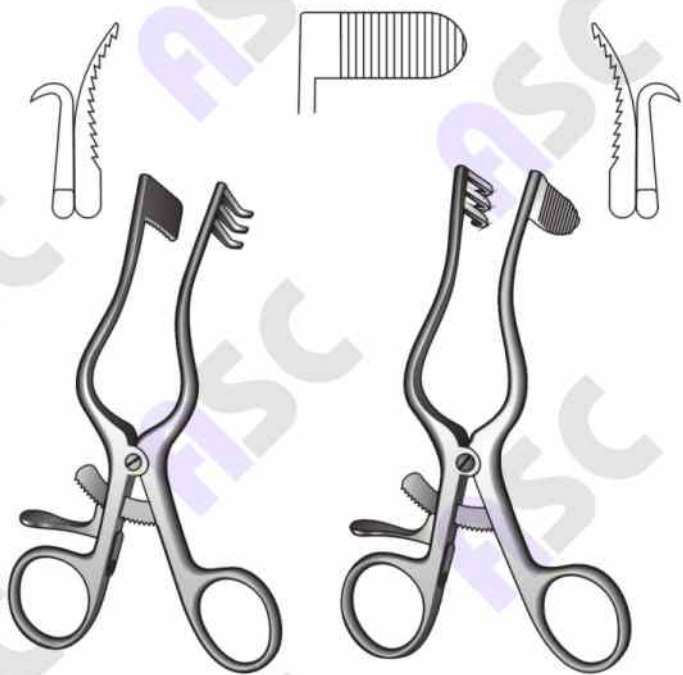


**Plester**  
**15-3535-11**  
11 cm / 4¼"  
Blunt  
2 Teeth



**Cloward**  
**15-3540-13**  
13.5 cm / 5¼"  
Blunt

Handheld Retractors  
Wundhaken  
Separadores



Perkins  
**15-3545-13**  
13 cm / 5"



Perkins  
**15-3550-13**  
13 cm / 5"



Plester  
**15-3560-14**  
14 cm / 5 1/2"  
Blunt



Norfolk-Norwich  
**15-3565-22**  
22 cm / 8 1/2"  
Blunt



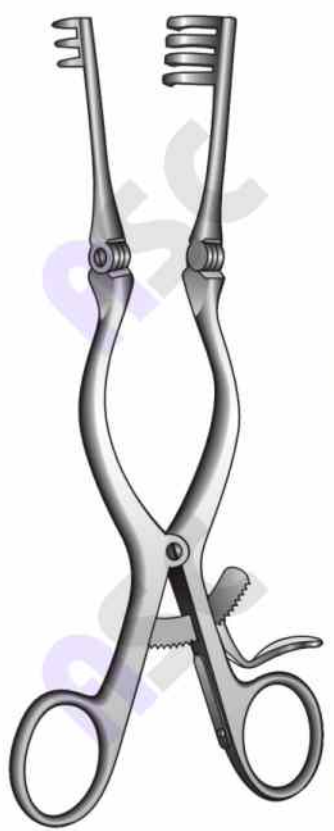
Travers  
**15-3570-20**  
20 cm / 8"



Adson-Baby / Cone  
**15-3575-13**    **15-3576-13**  
13 cm / 5 1/4"    13 cm / 5 1/4"  
Sharp                      Blunt



Adson-Baby / Cone  
**15-3580-16**    **15-3581-16**  
16 cm / 6 1/4"    16 cm / 6 1/4"  
Sharp                      Blunt



Adson / Cone  
**15-3585-20**  
20 cm / 8"  
Sharp

Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



Adson

15-3590-26	3 x 4	15-3595-26
15-3591-26	4 x 4	15-3596-26
15-3592-26	6 x 6	15-3597-26
26.5 cm / 10½"		26.5 cm / 10½"
Sharp		Blunt



Adson Baby

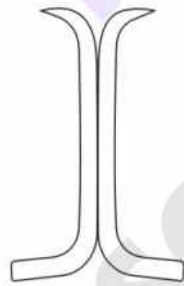
15-3600-14	14 cm / 5½"	15-3605-14
15-3600-16	16 cm / 6½"	15-3605-16
15-3600-20	20 cm / 8"	15-3605-20
3:4 Teeth		3:4 Teeth
Sharp		Blunt



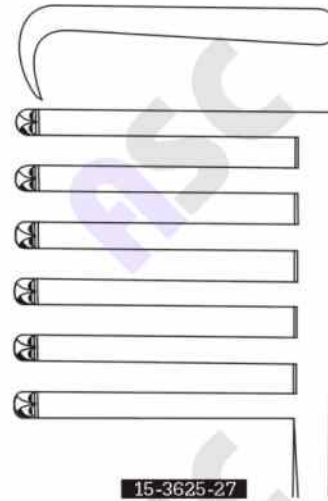
Harvey Jackson

15-3610-28
28 cm / 11"
Sharp

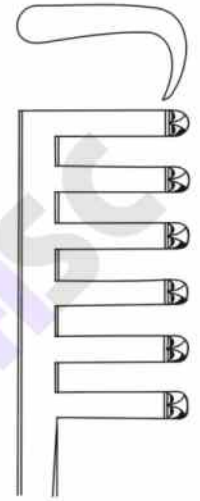
Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



Anderson-Adson  
**15-3620-19**  
19.5 cm / 7 1/2"  
Sharp



**15-3625-27**  
6:6 Teeth  
Sharp, long teeth on left side



Adson  
**15-3615-19** Sharp  
19 cm / 7 1/2"  
**15-3615-20** Blunt  
20 cm / 8"

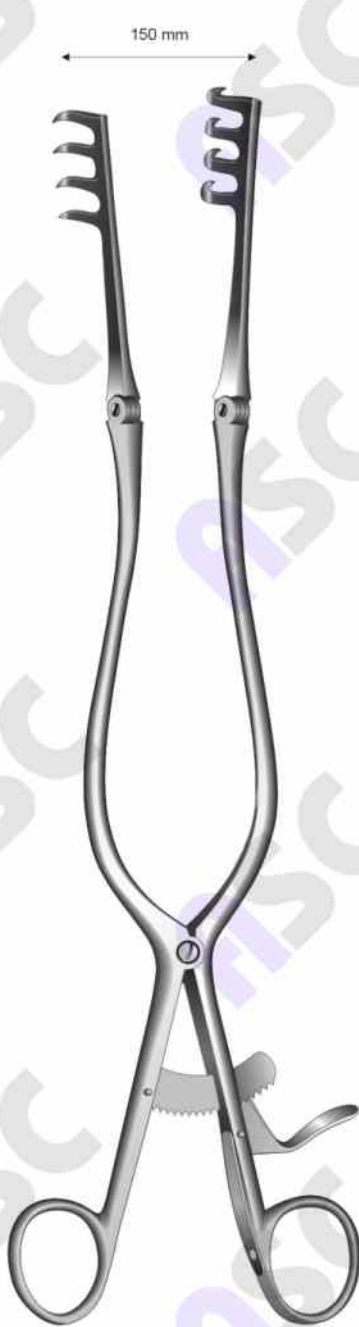


Hemi-Laminectomy Retractor



**15-3626-27**  
6:6 Teeth  
Sharp, long teeth on Right side





**Beckmann**  
**15-3630-31**  
31 cm / 12 1/4"  
4:4 Teeth  
Sharp

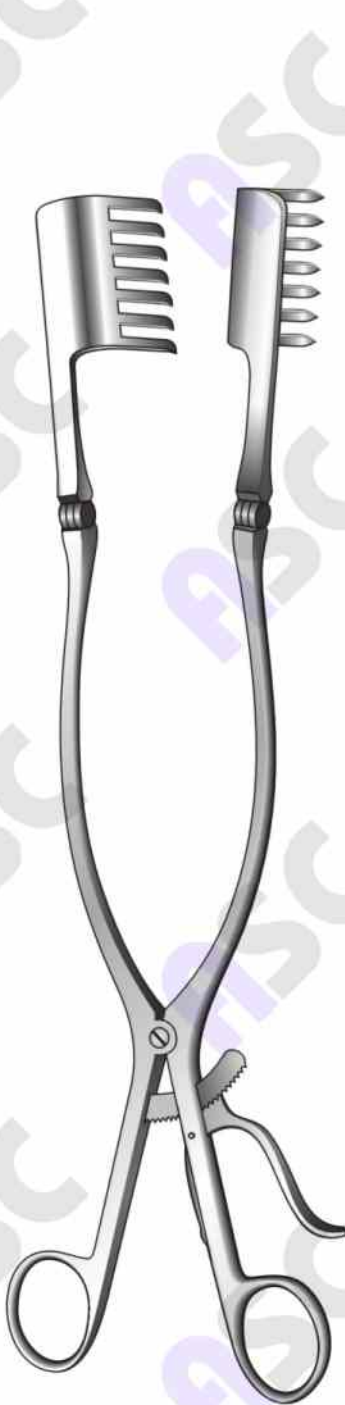


**Adson**  
**15-3635-32**  
32 cm / 12 1/2"  
4:6 Teeth  
Blunt

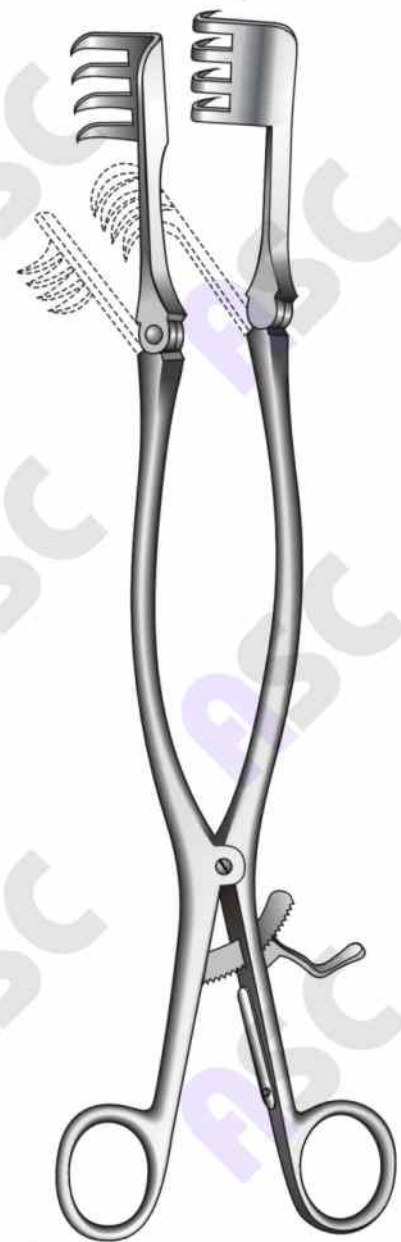
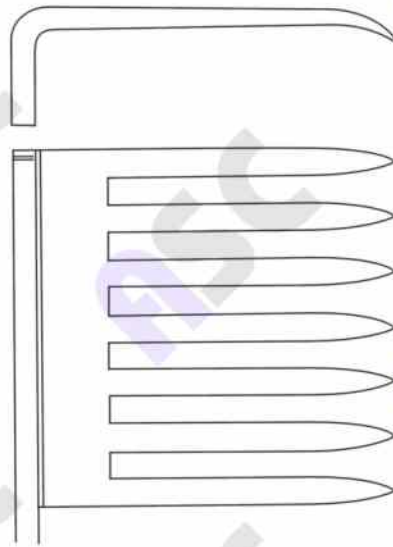


<b>15-3640-31</b>	28 x 28 mm	<b>15-3645-31</b>
<b>15-3641-31</b>	44 x 28 mm	<b>15-3646-31</b>
31 cm / 12 1/4"		31 cm / 12 1/4"
4:4 Teeth		4:4 Teeth
Sharp		Blunt

Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



Beckmann-Eaton  
15-3650-32  
32 cm / 12½"



Beckmann  
15-3655-31  
31 cm / 12¼"



Gelpi

- 15-3660-09** 9 cm / 3½"
- 15-3660-11** 11.5 cm / 4½"
- 15-3660-14** 14 cm / 5½"
- 15-3660-16** 16 cm / 6¼"
- 15-3660-18** 18 cm / 7"
- 15-3660-20** 20 cm / 8"



Gelpi

- 15-3665-09** 9 cm / 3½"
- 15-3665-11** 11.5 cm / 4½"
- 15-3665-14** 14 cm / 5½"
- 15-3665-16** 16 cm / 6¼"
- 15-3665-18** 18 cm / 7"



Gelpi

- 15-3670-18**  
18 cm / 7"



Opening 100 mm

60 x 20 mm

Rigby

- 15-3675-18**  
18 cm / 7"

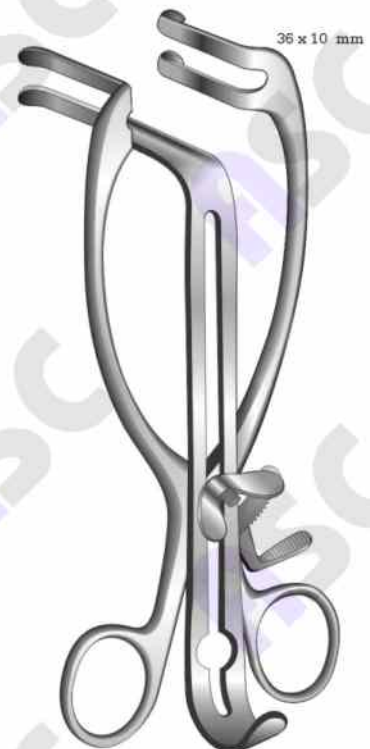


Opening 75 mm

30 x 16 mm

Mayo-Adams

- 15-3680-17**  
17 cm / 6¼"



36 x 10 mm

Mayo-Adams

- 15-3685-17**  
17 cm / 6¼"  
With center blade

Retractors  
Wundhaken  
Separadores



**Meyerding**

- 15-3690-00** 25 x 60 mm blade
- 15-3691-00** 25 x 55 mm blade
- 15-3692-00** 25 x 35 mm blade
- 15-3693-00** 22 x 60 mm blade



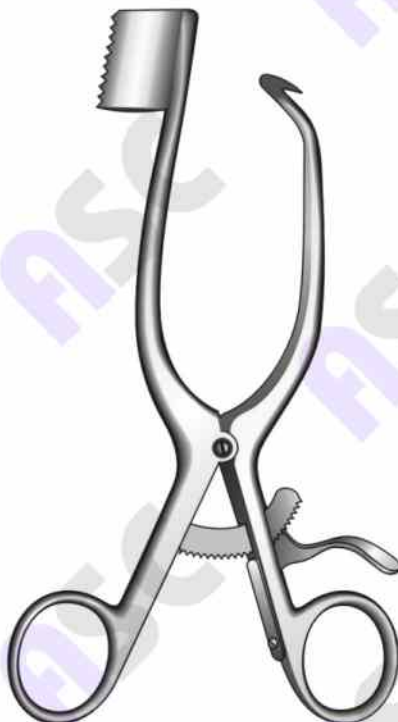
**Darling**

- 15-3695-18**
- 18 cm / 7"
- (Poplitea)



**Darling**

- 15-3700-18**
- 18 cm / 7"
- (Poplitea)



**Spikel Shield**

- 15-3705-12** 12.5 cm / 5"
  - 15-3705-18** 18 cm / 7"
- Left



**Spikel Shield**

- 15-3710-12** 12.5 cm / 5"
  - 15-3710-18** 18 cm / 7"
- Right

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



**Collin, Baby**  
**15-3715-20**  
20 cm / 8"  
Complete with 2 pairs of lateral blades  
(18 x 40 mm), (27 x 40 mm)



**Oettingen**  
**15-3720-15**  
Lateral Blades 38 x 80 mm  
Center blades 50 x 65 mm  
Blade opening 150 mm / 6"

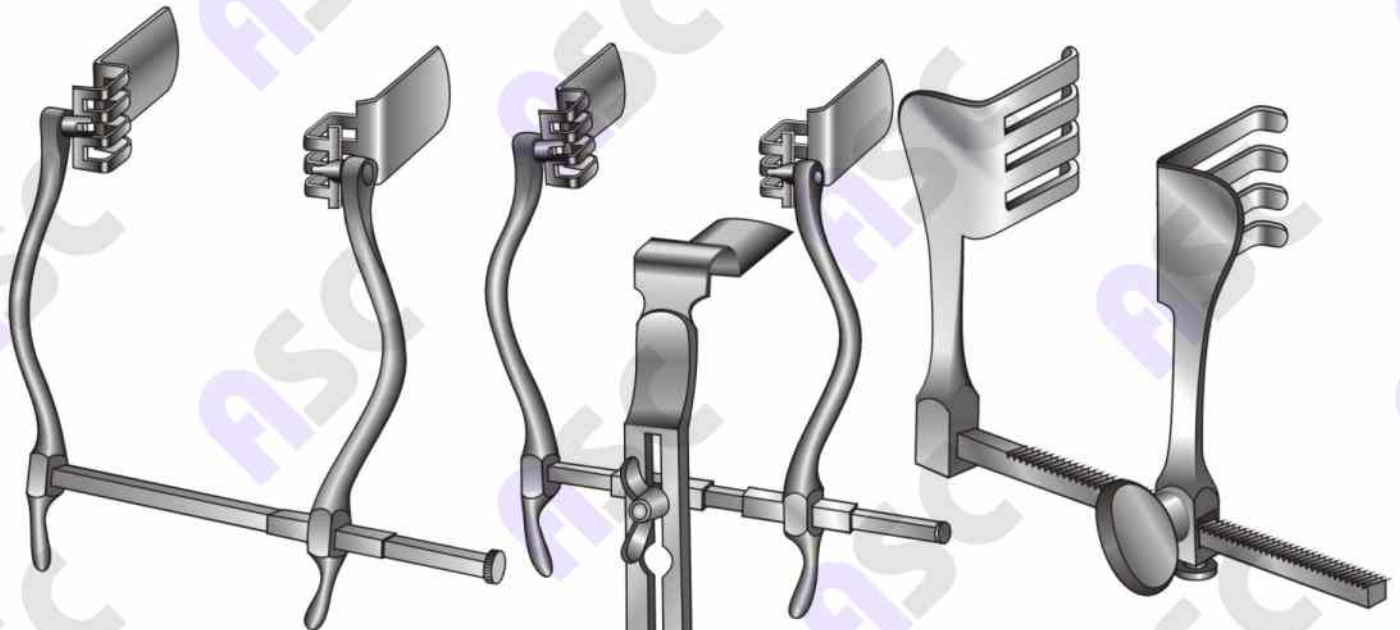


**Collin**  
**15-3725-25** With center blade  
**15-3726-25** Without center blade  
25 cm / 10"  
**15-3730-28** With center blade  
**15-3731-28** Without center blade  
28 cm / 11"



**Holzbach**  
**15-3735-00** Complete  
**15-3736-00** Spreader only  
**15-3737-00** 59 x 80 mm lateral blades  
**15-3738-00** 74 x 82 mm center blade

Retractors  
Wundhaken  
Separadores



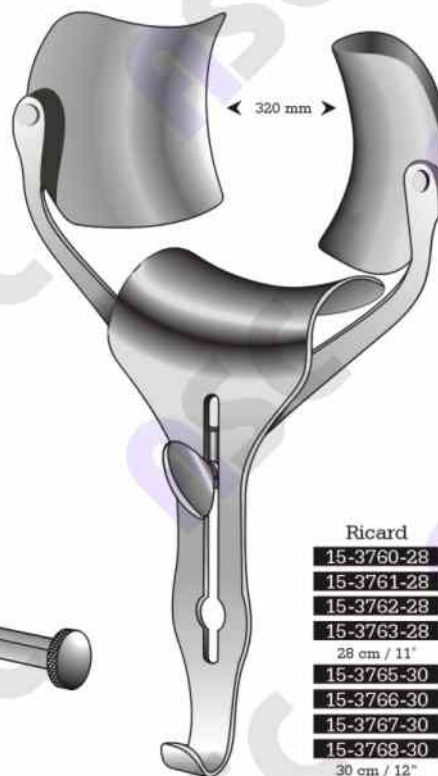
**Masson-Judd**  
**15-3740-00**  
Bladder retractor with  
2 swivel blades 25 x 70 mm

**Masson-Judd**  
**15-3745-00**  
Blades Retractor with  
2 swivel blades,  
center blade 25 x 70 mm

**Badgley**  
**15-3750-16**  
50 x 44 mm  
16 cm / 6 1/4"  
Spread

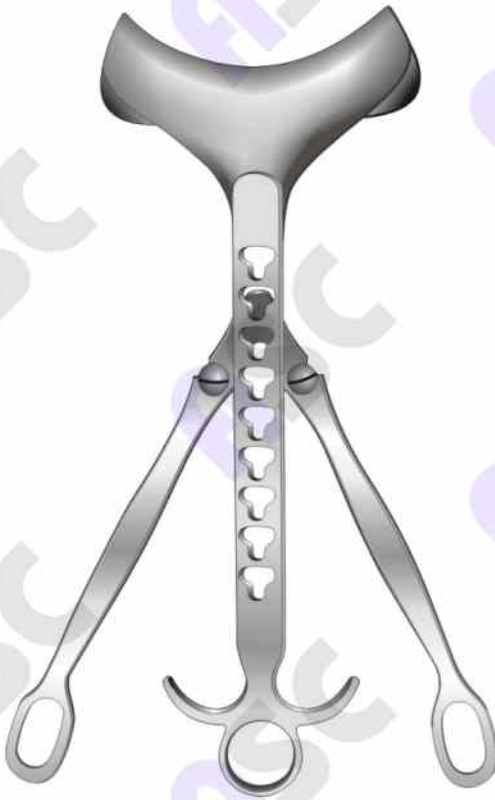


**Frazier**  
**15-3755-08**  
8 cm / 3 1/4"  
Spread  
Laminectomy Retractor



**Ricard**  
**15-3760-28** Complete set  
**15-3761-28** Spreader only  
**15-3762-28** 55 x 70 mm center blade  
**15-3763-28** 50 x 58 mm lateral blades  
28 cm / 11"  
**15-3765-30** Complete set  
**15-3766-30** Spreader only  
**15-3767-30** 80 x 90 mm center blade  
**15-3768-30** 60 x 80 mm lateral blades  
30 cm / 12"

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



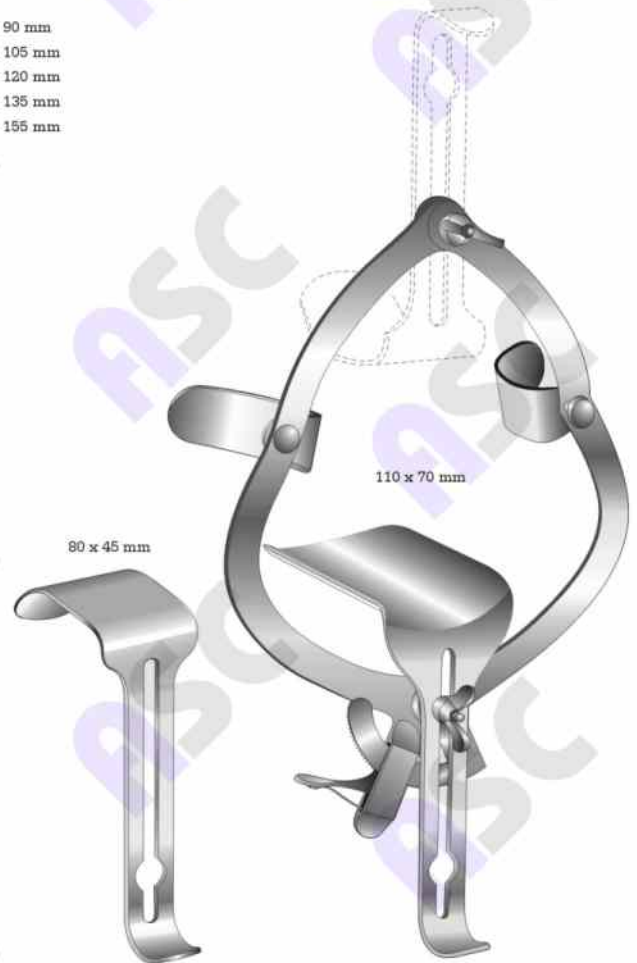
**Rochard**  
**15-3770-31** 48 x 90 mm  
**15-3771-31** 48 x 105 mm  
**15-3772-31** 48 x 120 mm  
**15-3773-31** 48 x 135 mm  
**15-3774-31** 48 x 155 mm  
 31 cm / 12 1/4"



**Rochard**  
**15-3775-19**  
 19 cm / 7 1/2"  
 Fixation device for  
 15-3770-31 - 15-3774-31



**Doyen**  
**15-3780-28** 48 x 90 mm  
**15-3781-28** 48 x 105 mm  
**15-3782-28** 48 x 120 mm  
**15-3783-28** 48 x 135 mm  
 28 cm / 11"

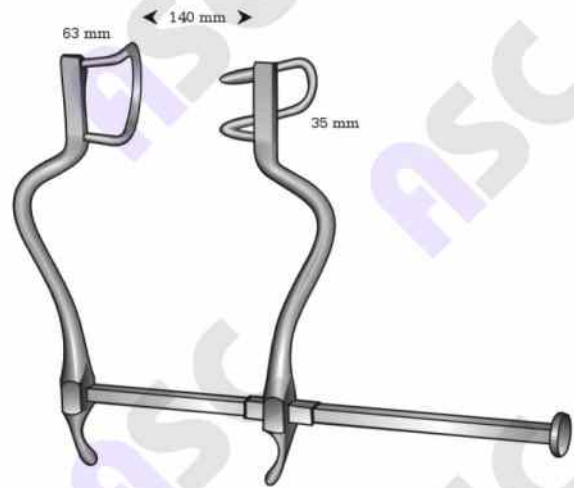


**O' Sullivan-O' Connor**  
**15-3785-00**  
 Adult  
**15-3786-00**  
 Baby

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



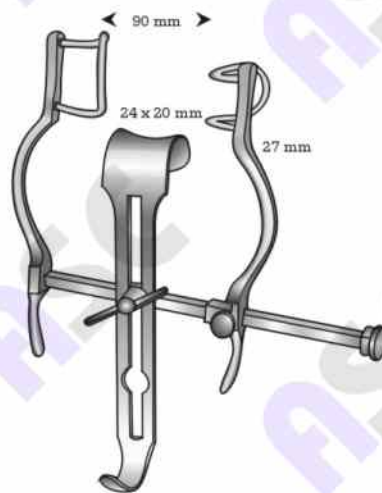
Gosset-Baby  
15-3790-00



Gosset  
15-3795-00



Gosset  
15-3800-00



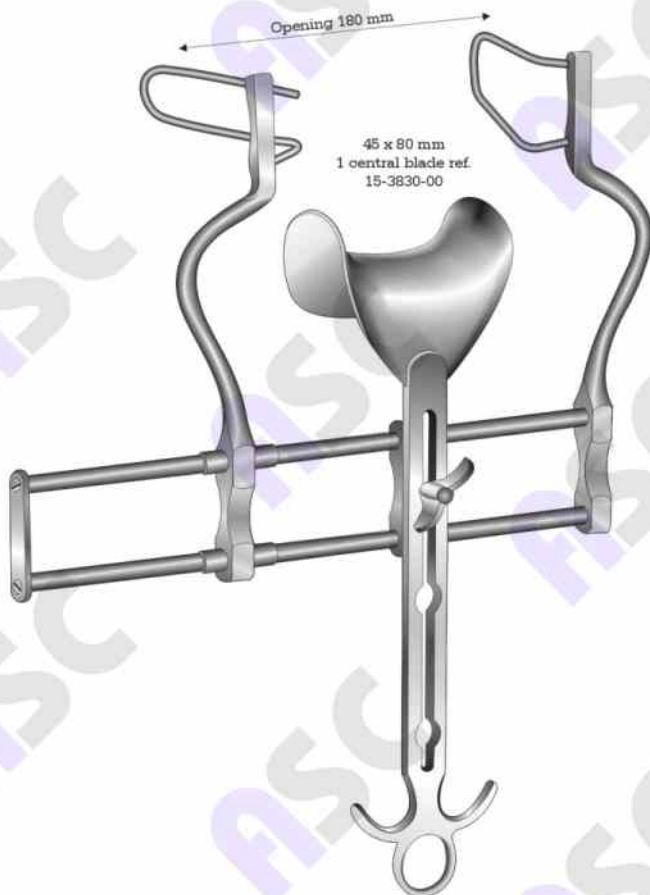
Balfour-Baby  
15-3805-00 Single bar  
15-3806-00 Double bar



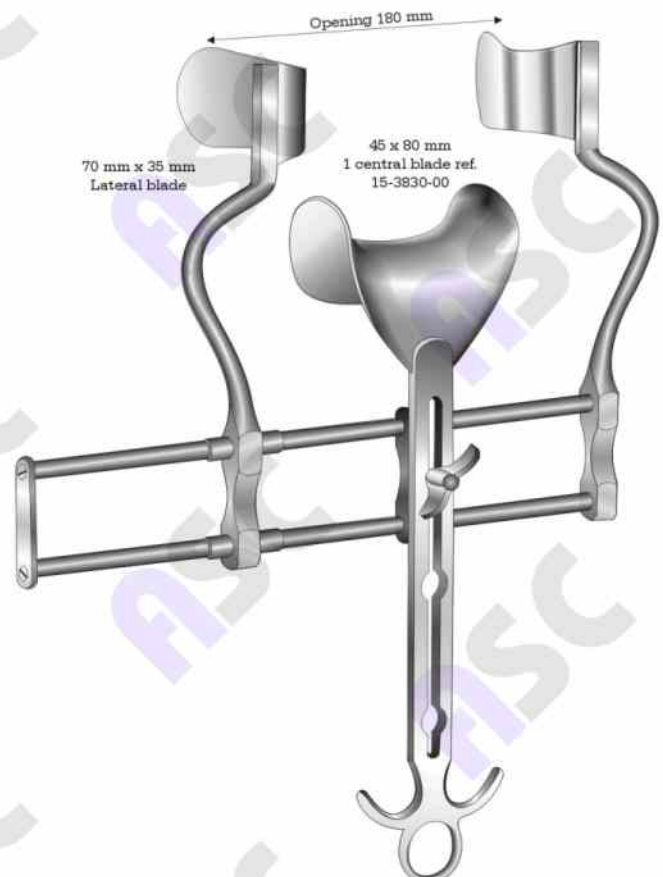
Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



Pantings  
15-3810-00

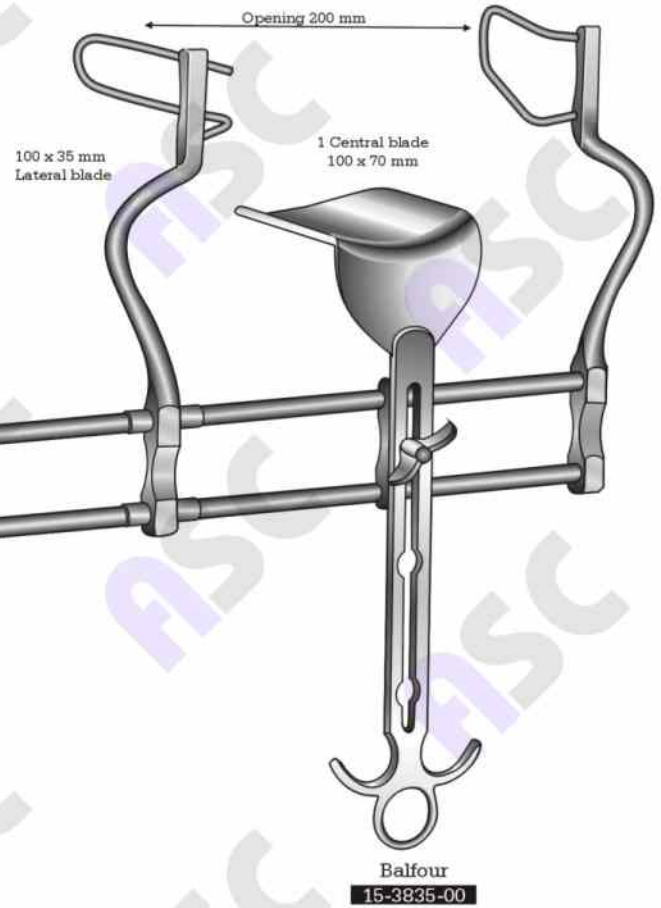
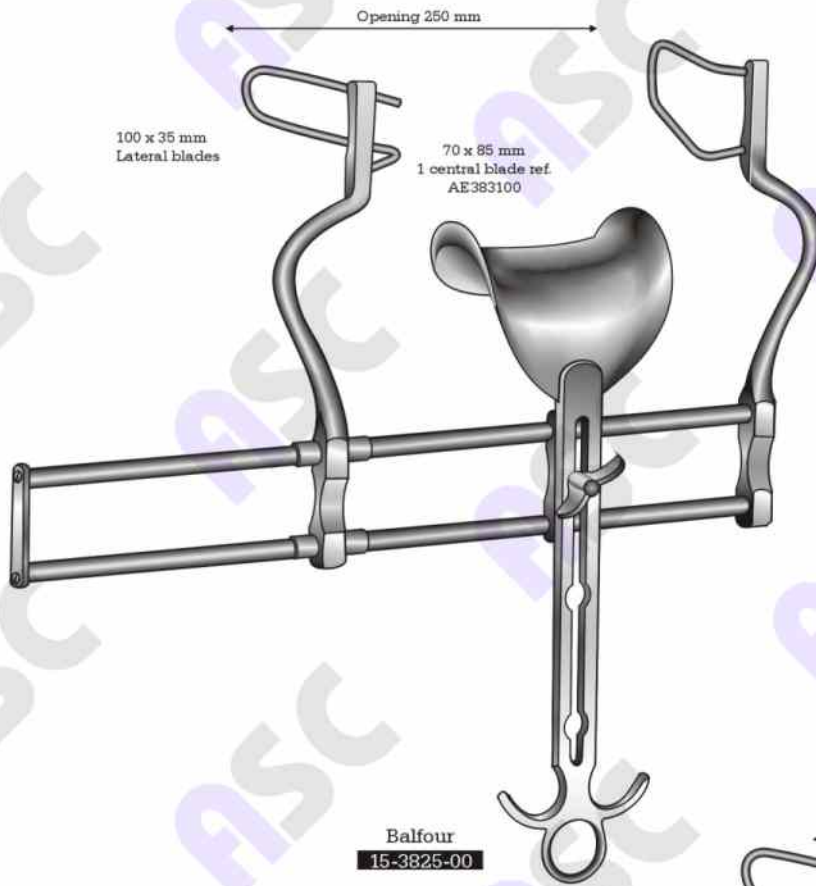


Balfour  
15-3815-00

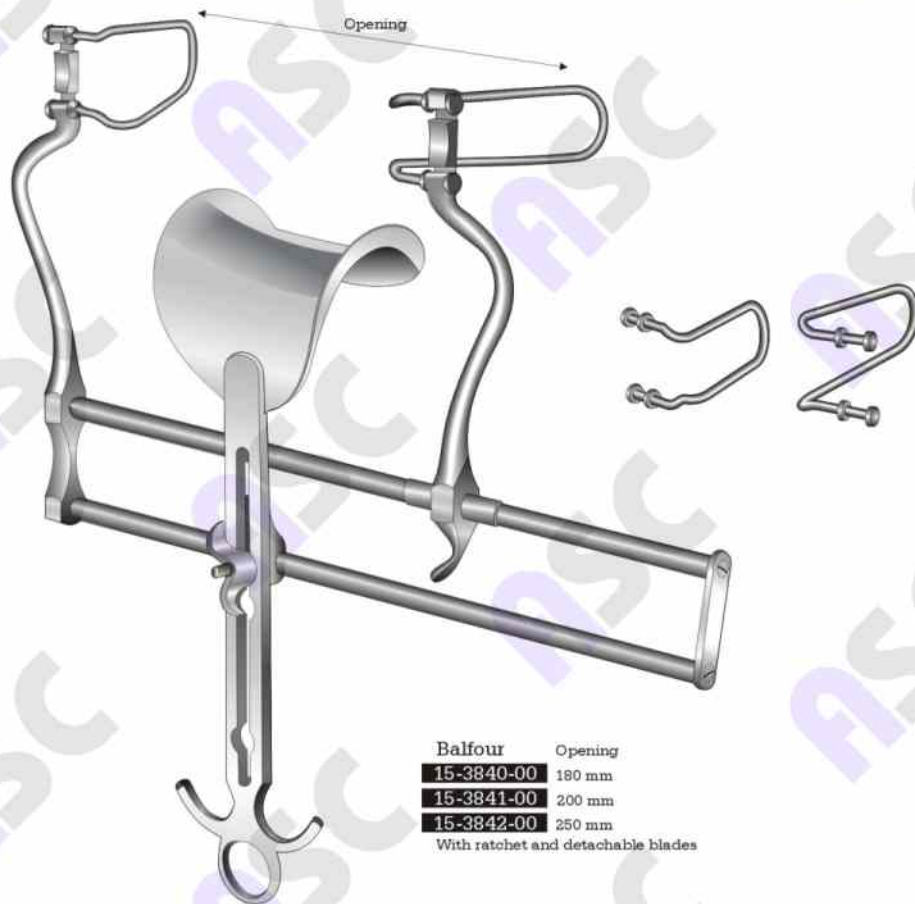


Balfour  
15-3820-00

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



Balfour	Opening
15-3840-00	180 mm
15-3841-00	200 mm
15-3842-00	250 mm

With ratchet and detachable blades

Measurements of blades: Depth x Width



15-3845-00  
70 x 100 mm

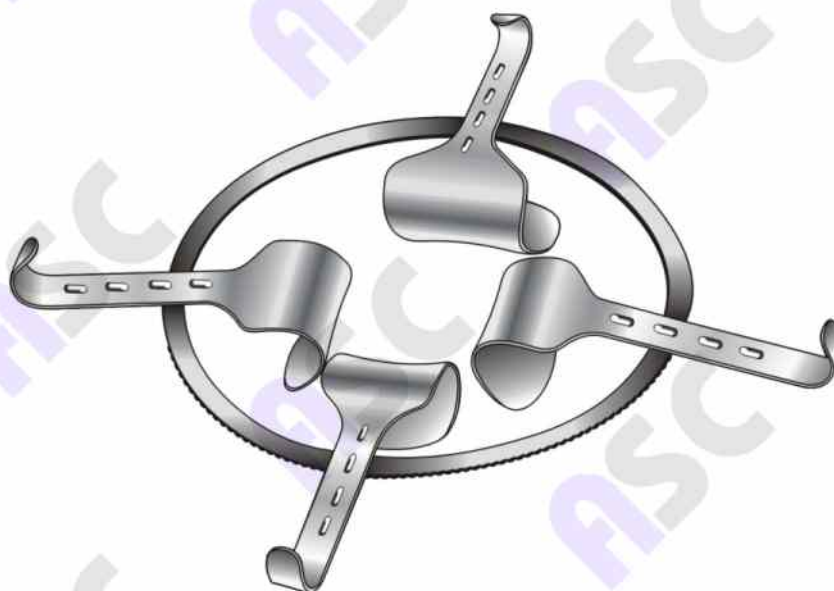


15-3850-00 75 x 45 mm  
15-3851-00 65 x 45 mm  
15-3852-00 82 x 70 mm



15-3855-00  
50 x 127 mm

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales



**Kirschner**  
Standard, oval  
**15-3860-00**

Frame only 300 x 240 mm

**Kirschner**  
Standard, oval  
**15-3861-00**

Complete set, consisting 1 frame & 4 blades  
1 frame, 300 x 240 mm  
1 blade, 50 x 65 mm  
1 blade, 80 x 90 mm  
1 blade, 98 x 50 mm  
1 blade, 105 x 35 mm

**Kirschner**  
Standard, oval  
**15-3862-00**

Complete set, consisting 1 frame & 7 blades  
1 frame, 300 x 240 mm  
1 blade, 40 x 55 mm  
1 blade, 50 x 65 mm  
1 blade, 60 x 85 mm  
1 blade, 78 x 65 mm  
1 blade, 80 x 90 mm  
1 blade, 98 x 50 mm  
1 blade, 105 x 35 mm

Measurements of blades: Depth x Width



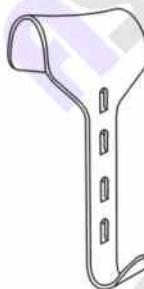
**15-3865-00**  
40 x 55 mm  
Standard



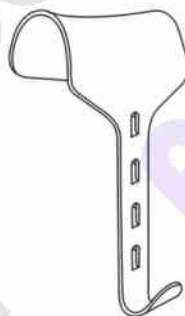
**15-3866-00**  
50 x 65 mm  
Standard



**15-3867-00**  
60 x 85 mm  
Standard



**15-3868-00**  
78 x 65 mm  
For obese patients



**15-3869-00**  
80 x 90 mm  
For obese patients

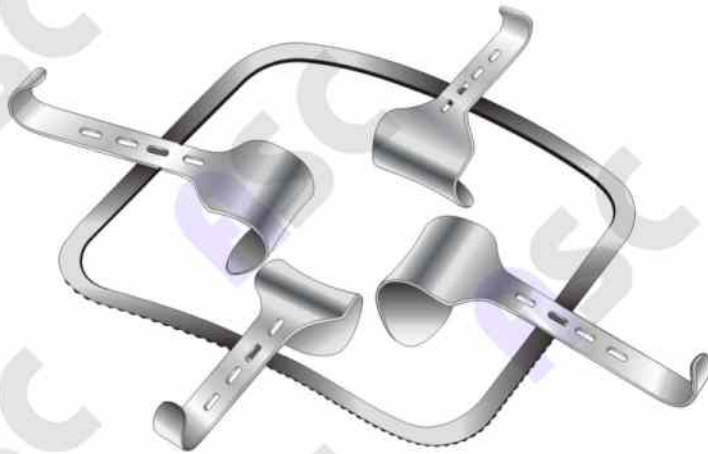


**15-3870-00**  
98 x 50 mm  
For intestinal and bladder



**15-3871-00**  
105 x 35 mm  
For intestinal and bladder

Abdominal Retractors for new-born and children



**Kirschner**  
**15-3875-00**  
Complete set, consisting 1 frame & 4 blades  
1 Frame, 240 x 240 mm  
2 blades, 40 x 55 mm  
2 blades, 50 x 65 mm

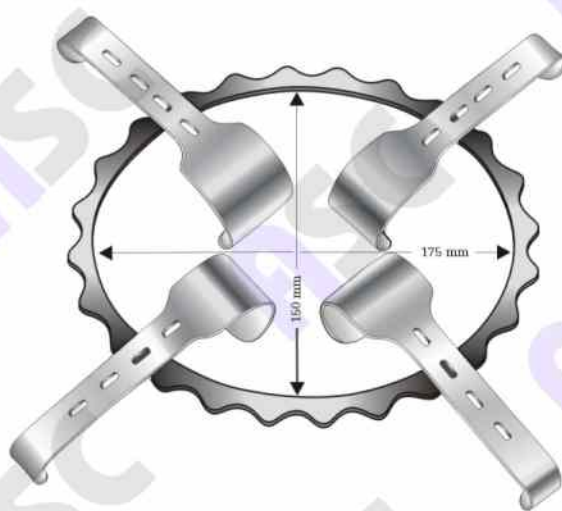
**Kirschner**  
**15-3876-00**  
Frame only  
240 x 240 mm



**Kirschner**  
**15-3865-00**  
40 x 55 mm

**Kirschner**  
**15-3866-00**  
50 x 65 mm

**15-3880-00**



**Denis-Browne**  
**15-3885-00**  
Complete set, consisting 1 frame & 4 blades  
1 Frame, 150 x 175 mm  
2 blades, 20 x 30 mm  
2 blades, 20 x 40 mm

**Denis-Browne**  
**15-3886-00**  
150 x 175 mm  
Frame only

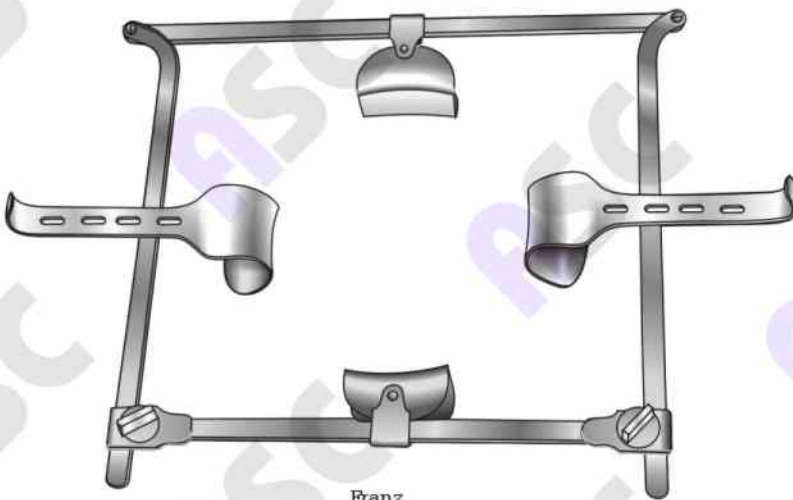


**15-3890-00**  
20 x 30 mm  
Blades only

**15-3891-00**  
20 x 40 mm  
Blades only

Abdominal Retractors  
Bauchdeckenhalter  
Separadores abdominales

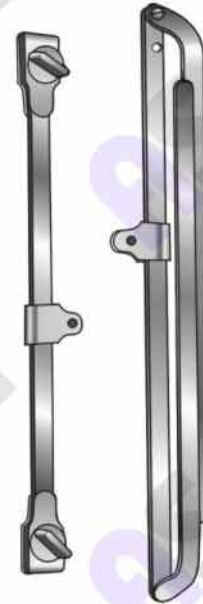
Extra blades are available only with set.



**Franz**

**15-3895-00**

Complete set, consisting 1 frame & 8 blades  
Folding frame, 300 x 300 mm  
2 blades, 50 x 65 mm  
2 blades, 60 x 85 mm  
2 blades, 38 x 60 mm  
2 blades, 45 x 80 mm



**Franz**

**15-3900-00**

300 x 300 mm  
Frame only  
Folded



**15-3866-00**  
50 x 65 mm

**15-3905-00**  
38 x 60 mm



**15-3867-00**  
60 x 85 mm

**15-3906-00**  
45 x 80 mm

Laminectomy Retractors  
Laminektomiesperrer  
Separadores para laminectomia

See Blades on next Page



Scoville  
**15-3915-00**  
Frame only  
Spreading 150 mm  
**15-3916-00**  
Complete set of 13 pieces (hooks & blades)

Scoville-Haverfield  
**15-3910-00**  
Frame only, with joint  
Spreading 150 mm  
**15-3911-00**  
Complete set of 13 pieces (hooks & blades)

Laminectomy Retractors  
 Laminektomiesperrer  
 Separadores para laminectomia

Blades used with 15-3916-00 & 15-3911-00



Scoville  
**15-3920-00**  
 50 mm deep  
 Blunt



Scoville  
**15-3925-00**  
 70 mm deep  
 Blunt



Scoville  
**15-3930-00**  
 50 mm deep  
 Sharp



Scoville  
**15-3935-00**  
 70 mm deep  
 Sharp



Scoville  
**15-3940-00** 60 x 25 mm  
**15-3941-00** 64 x 50 mm  
**15-3942-00** 88 x 25 mm  
 Toothed



Taylor  
**15-3945-00** 48 x 50 mm  
**15-3946-00** 64 x 50 mm  
**15-3947-00** 64 x 64 mm  
**15-3948-00** 80 x 57 mm  
 Sharp



Scoville  
**15-3950-00** 41 x 38 mm  
**15-3951-00** 67 x 44 mm  
 Sharp



Wound Spreaders  
Wundspreizer  
Separadores autoestáticos



15-3955-16  
40 mm



15-3965-25  
40 mm



15-3956-16  
45 mm



15-3966-25  
45 mm



15-3957-16  
50 mm



15-3967-25  
50 mm



15-3958-16  
55 mm



15-3968-25  
55 mm



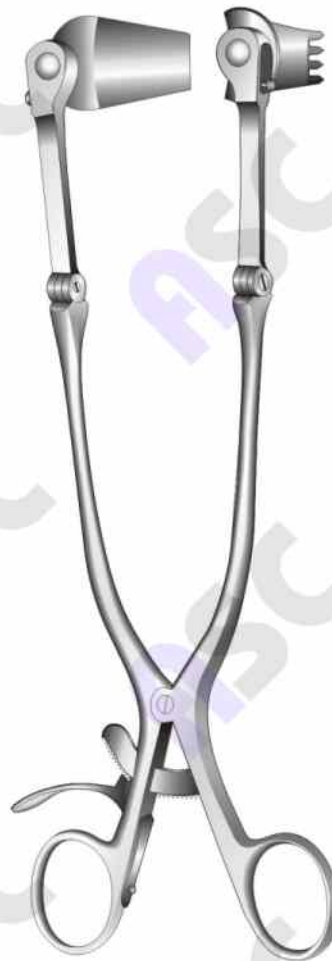
15-3959-16  
60 mm



15-3969-25  
60 mm



Cloward  
16 cm / 6 1/4"



Cloward  
25 cm / 10"

Abdominal Spatula  
Bauchspatel  
Espátulas abdominales



**Tessier**  
**15-4001-22**  
22 cm / 8 3/4"  
10-12 mm  
Conical, black chromium plated



**Tessier**  
**15-4005-22**  
22 cm / 8 3/4"  
15-17 mm  
Conical, black chromium plated



**Tessier**  
**15-4010-22**  
22 cm / 8 3/4"  
20-22 mm  
Conical, black chromium plated



**15-4015-00** 200 x 12 mm  
**15-4016-00** 200 x 17 mm  
**15-4017-00** 250 x 25 mm



**Reverdin**  
**15-4020-29**  
29 cm / 11 1/2"



**Reverdin**  
**15-4025-28**  
28 cm / 11"



**Haberer**  
**15-4030-20** 20 cm / 8", 17/25 mm  
**15-4030-28** 28 cm / 11", 25/30 mm  
**15-4030-30** 30 cm / 12", 37/45 mm  
Flexible

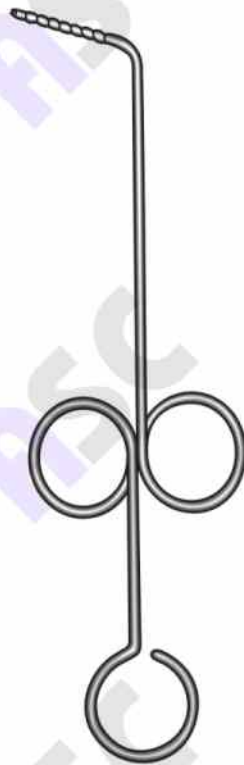


**15-4035-33** 30 mm  
**15-4036-33** 40 mm  
**15-4037-33** 50 mm  
33 cm / 13"

Cotton Applicators, Sponge Holder  
Watteträger, Schwammhalter  
Portas algodones, Portas esponjas



Tobold  
16-2070-25  
25 cm / 10"

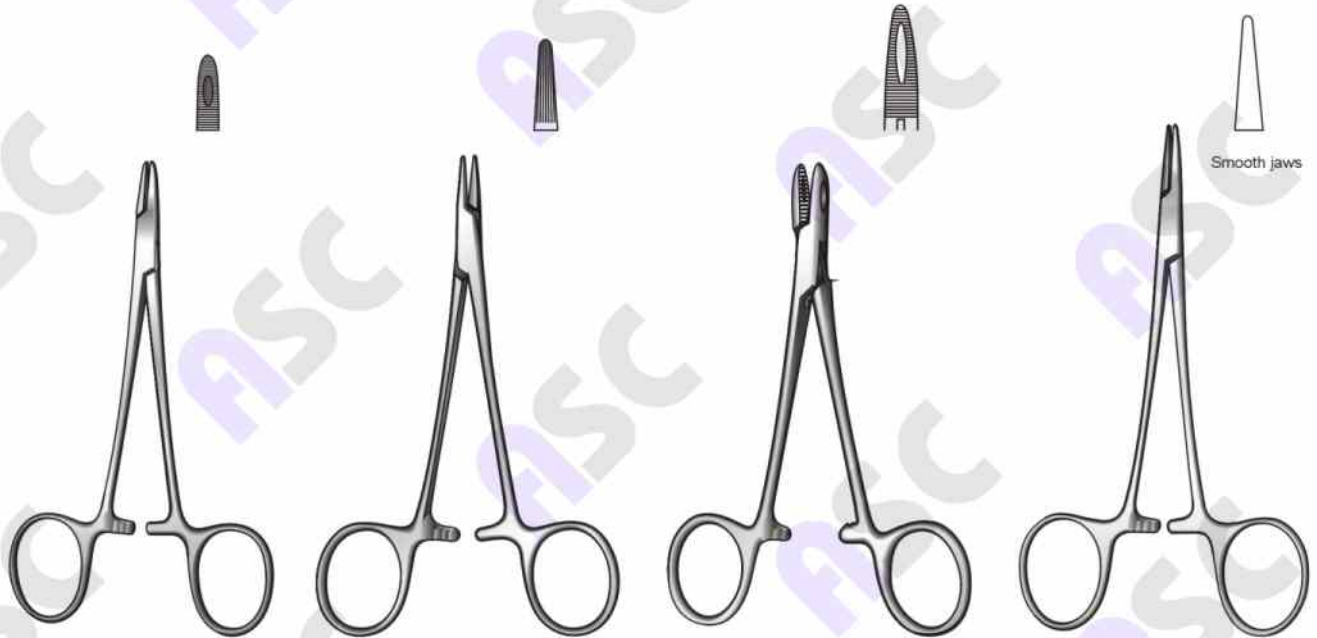


Hartmann  
16-2075-20  
20 cm / 8"



16-3035-37  
37.5 cm / 15"  
16-3035-45  
45 cm / 17 1/2"

Needle Holders  
Nadelhalter  
Portas para agujas



**Derf**  
20-0427-12  
12 cm / 4 1/4"

**Derf**  
20-0429-12  
12.5 cm / 5"

**Collier**  
20-0433-12  
12.5 cm / 5"

**Halsey**  
20-0437-13  
12.5 cm / 5"  
20-0437-11  
11 cm / 4 1/4"  
Delicate



**Webster**  
20-0435-13 Smooth  
20-3001-13 Serrated  
13 cm / 5"  
Delicate

**Neivert**  
20-0439-13  
13 cm / 5"

**Kilner**  
20-0732-13  
13.5 cm / 5 1/4"

**Hegar-Baumgartner**  
20-0441-14  
14 cm / 5 1/2"

Needle Holders  
Nadelhalter  
Portas para agujas



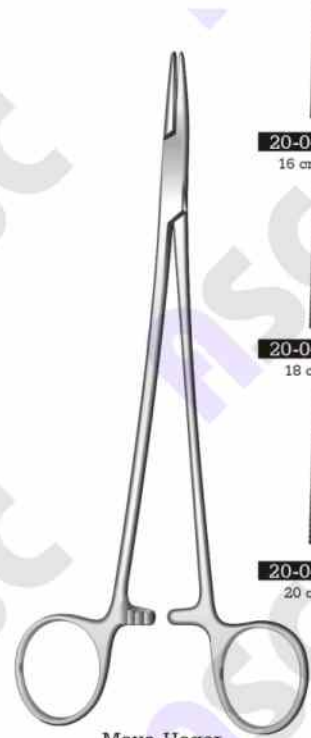
**Bruce-Clarke**  
**20-2010-12**  
12.5 cm / 5"



**Crile-Murray**  
**20-0449-15**  
15 cm / 6"



**Crile-Wood**  
**20-0451-15** 15 cm / 6"  
**20-0451-18** 18 cm / 7"  
**20-0451-20** 20 cm / 8"



**Mayo-Hegar**  
Delicate

**20-0497-16**  
16 cm / 6 1/4"

**20-0497-18**  
18 cm / 7"

**20-0497-20**  
20 cm / 8"



**Mayo-Hegar**

**20-0491-14** 14 cm / 5 1/2"  
**20-0491-16** 16 cm / 6 1/4"

**20-0491-18** 18 cm / 7"  
**20-0491-20** 20 cm / 8"

**20-0491-24** 24 cm / 9 1/2"  
**20-0491-26** 26 cm / 10 1/4"



**Adson**  
**20-0461-18**  
18 cm / 7"



**Metzenbaum**  
**20-0465-18**  
18 cm / 7"

Needle Holders  
Nadelhalter  
Portas para agujas



**Finocchietto**  
**20-3005-27**  
27 cm / 10½"



**Wangensteen**  
**20-3010-27**  
27 cm / 10½"



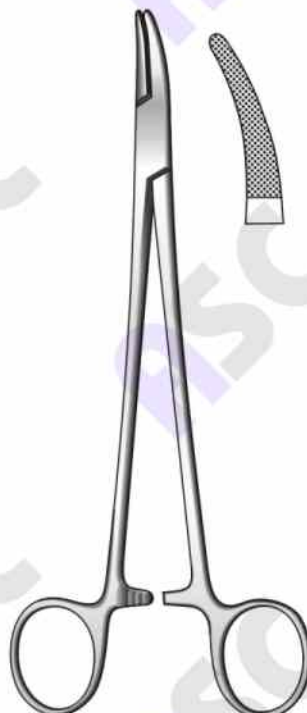
**Wangensteen**  
**20-3015-27**  
27 cm / 10½"



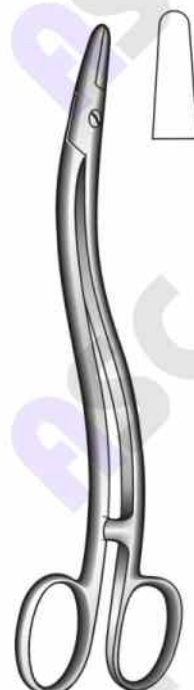
**Masson**  
**20-3020-27**  
27 cm / 10½"



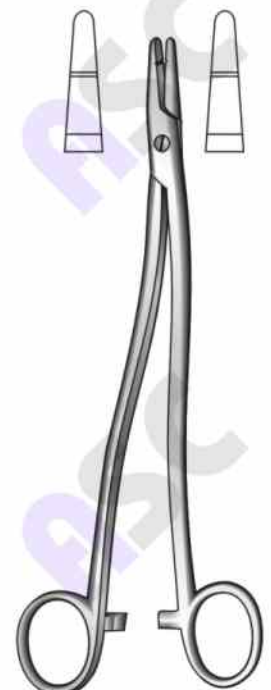
**Sarot**  
**20-3025-18** 18 cm / 7"  
**20-3025-26** 26 cm / 10¼"



**Heaney**  
**20-3030-21**  
21 cm / 8¼"



**Thomson-Walker**  
**20-3035-20**  
20 cm / 8"



**Bozemann**  
**20-3040-20** 20 cm / 8"  
**20-3040-24** 24 cm / 9½"

Needle Holders  
Nadelhalter  
Portas para agujas



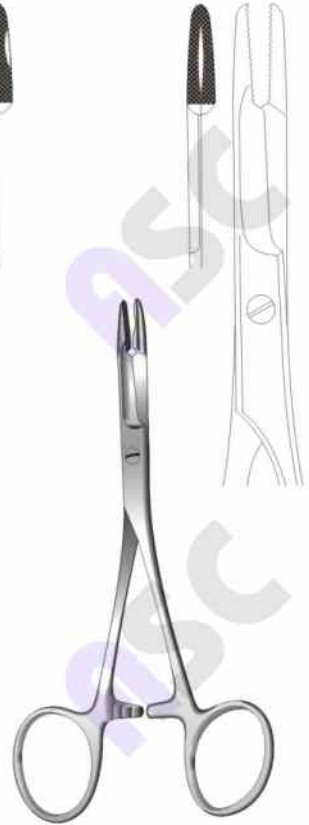
**Johnson**  
20-3045-27  
27 cm / 10½"



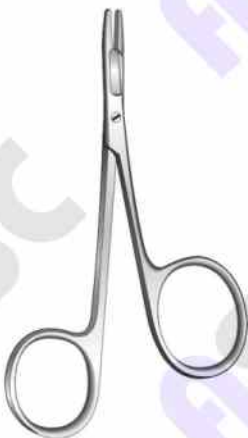
**Stratte**  
20-3050-23  
23 cm / 9"



**Olsen-Hegar**  
20-0567-14  
14 cm / 5½"



**Olsen-Hegar**  
20-3055-14 14 cm / 5½"  
20-3055-16 16 cm / 6¼"  
20-3055-17 17 cm / 6¾"  
20-3055-19 19 cm / 7½"



**Mini Gillies**  
20-2026-10  
10 cm / 4"



**Foster Gillies**  
20-2015-12  
12.5 cm / 5"  
Serrated jaws



**Gillies**  
20-0570-16  
16 cm / 6¼"  
Serrated jaws

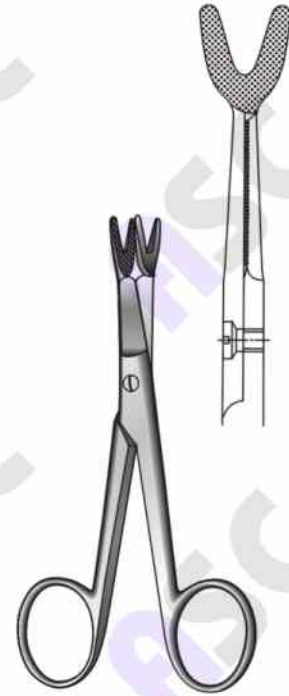
Needle Holders  
Nadelhalter  
Portas para agujas



**Olsen-Hegar**  
 20-0565-12 12 cm / 4 3/4", Mini  
 20-0565-14 14 cm / 5 1/2"  
 20-0565-16 16 cm / 6 1/4"  
 20-0565-18 18 cm / 7"



**Eiselsberg**  
 20-3060-11  
 11.5 cm / 4 1/4"



**Schoemaker-Loth**  
 20-3065-12  
 12.5 cm / 5"



**Crile**  
 20-0601-15  
 15 cm / 5"



**MacPhail**  
 (Cooper jaw)  
 20-2030-14 14 cm / 5 1/2"  
 20-2030-16 16 cm / 6 1/4"  
 20-2030-18 18 cm / 7"  
 20-2030-20 20 cm / 8"



Needle Holders  
Nadelhalter  
Portas para agujas



20-0617-14	14 cm / 5½"	20-2035-14
20-0617-16	16 cm / 6¼"	20-2035-16
20-0617-17	17 cm / 6¾"	20-2035-17
20-0617-20	20 cm / 8"	20-2035-20
20-0617-24	24 cm / 9½"	20-2035-24



20-0627-14	14 cm / 5½"	20-0627-17
		17 cm / 6¾"



Mathieu  
Slender jaws



20-0637-17	20-0637-20
17 cm / 6¾"	20 cm / 8"



Mathieu



Lichtenberg  
20-0677-20  
20 cm / 8"

Needle Holders  
Nadelhalter  
Portas para agujas



20-0413-14



20-0414-14



20-2045-14



20-2046-14



20-2050-13	13 cm / 5 1/4"	20-2055-13
20-2050-16	16 cm / 6 1/4"	20-2055-16
20-2050-18	18 cm / 7"	20-2055-18
20-2050-20	20 cm / 8"	20-2055-20
20-2050-23	23 cm / 9"	20-2055-23



20-2051-13	13 cm / 5 1/4"	20-2056-13
20-2051-16	16 cm / 6 1/4"	20-2056-16
20-2051-18	18 cm / 7"	20-2056-18
20-2051-20	20 cm / 8"	20-2056-20
20-2051-23	23 cm / 9"	20-2056-23



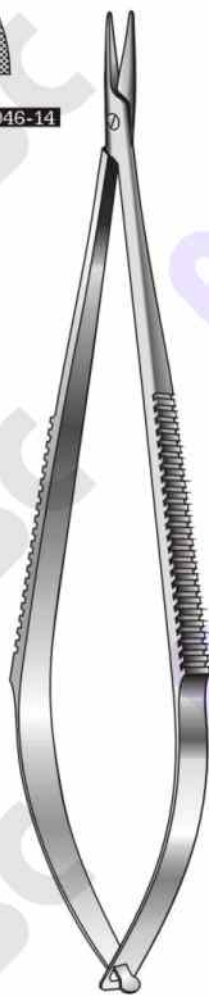
20-0407-14



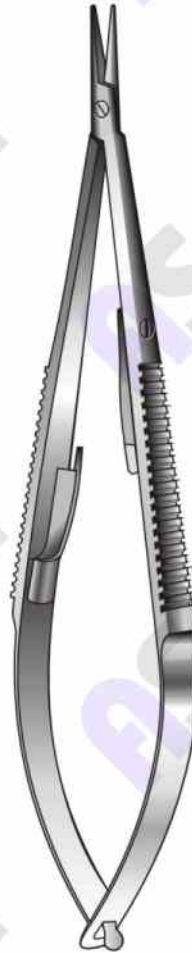
20-0408-14



McPherson  
20-2044-10  
10 cm / 4"



Castroviejo  
13.5 cm / 5 1/2"  
Without lock




Castroviejo  
With lock



Castroviejo  
13.5 cm / 5 1/2"  
Extra delicate, with lock

	<b>20-0389-13</b> 13 cm / 5¼"	<b>20-3070-13</b>
	<b>20-0389-16</b> 16 cm / 6¼"	<b>20-3070-16</b>
	<b>20-0389-18</b> 18 cm / 7"	<b>20-3070-18</b>
	<b>20-0389-20</b> 20 cm / 8"	<b>20-3070-20</b>
	<b>20-0389-23</b> 23 cm / 9"	<b>20-3070-23</b>
	With lock	With lock
	<b>20-0390-13</b> 13 cm / 5¼"	<b>20-3071-13</b>
	<b>20-0390-16</b> 16 cm / 6¼"	<b>20-3071-16</b>
	<b>20-0390-18</b> 18 cm / 7"	<b>20-3071-18</b>
	<b>20-0390-20</b> 20 cm / 8"	<b>20-3071-20</b>
	<b>20-0390-23</b> 23 cm / 9"	<b>20-3071-23</b>
	Without lock	Without lock

	<b>20-0401-13</b> 13 cm / 5¼"
	<b>20-0401-16</b> 16 cm / 6¼"
	<b>20-0401-18</b> 18 cm / 7"
	<b>20-0401-20</b> 20 cm / 8"
	<b>20-0401-23</b> 23 cm / 9"
	With lock



Barraquer



Barraquer  
**20-3075-13**  
13 cm / 5¼"



Barraquer-Troutman



Arruga  
**20-0391-14** Straight  
**20-2058-14** Curved  
14 cm / 5½"



Stevens  
**20-2060-16**  
16.5 cm / 6½"  
With ratchet lock

Needle Holders  
Nadelhalter  
Portas para agujas



**Kalt**  
**20-0375-14**  
13 cm / 5¼"  
Standard model  
Delicate jaws

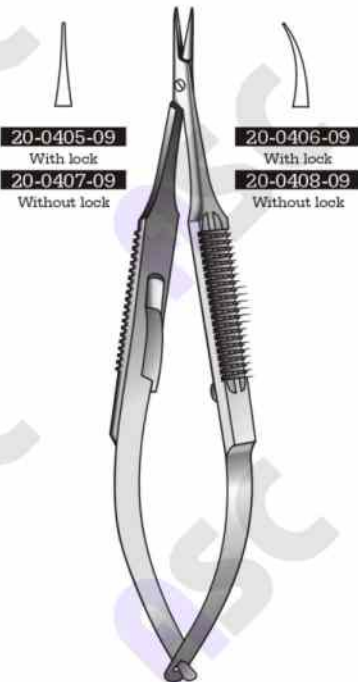


**20-0415-16**      **20-0416-16**

**Arruga**  
16 cm / 6¼"



**Boynton**  
**20-2065-12**  
12.5 cm / 5"  
Delicate



**20-0405-09**      **20-0406-09**  
With lock      With lock  
**20-0407-09**      **20-0408-09**  
Without lock      Without lock

**Castroviejo**  
9 cm / 3½"



**Castroviejo**  
**20-0417-12**  
12 cm / 4¾"



**Castroviejo Barraquer**  
**20-0418-12**  
12 cm / 4¾"



**Castroviejo**  
**20-0417-13**  
13 cm / 5"



0.4  
Mini profile  
Mini profil  
Profil mini

**Derf**  
**20-0733-12T**  
12 cm / 4 1/4"



Serrated

Smooth  
glett  
Lisas

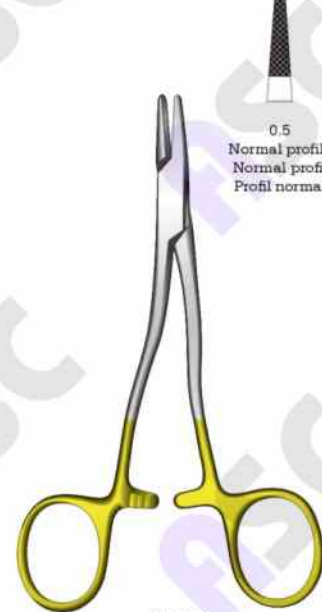
**Webster**  
**20-0738-12T**  
**20-2070-12T**  
12 cm / 4 1/4"



Serrated

Smooth  
glett  
Lisas

**Webster**  
**20-0731-13T**  
**20-2075-13T**  
12 cm / 4 1/4"  
Delicate



0.5  
Normal profile  
Normal profil  
Profil normal

**Kilner**  
**20-0732-13T**  
13.5 cm / 5 1/4"



**20-0737-13T**  
Plain  
Smooth  
Glett  
Lisas



0.4  
**20-0738-13T**  
Serrated  
Mini profile  
Mini profil  
Profil mini

**Halsey**  
13 cm / 5"



0.5  
**20-0735-13T** 13 cm / 5"  
**20-0735-14T** 14 cm / 5 1/2"

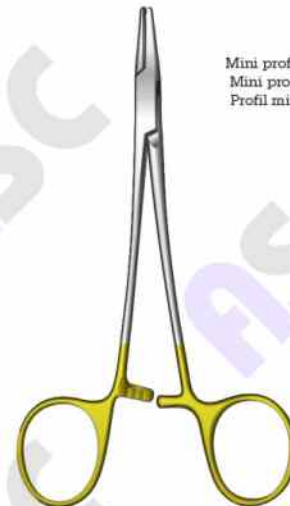


Normal profile  
Normal profil  
Profil normal

**Hegar-Baumgartner**

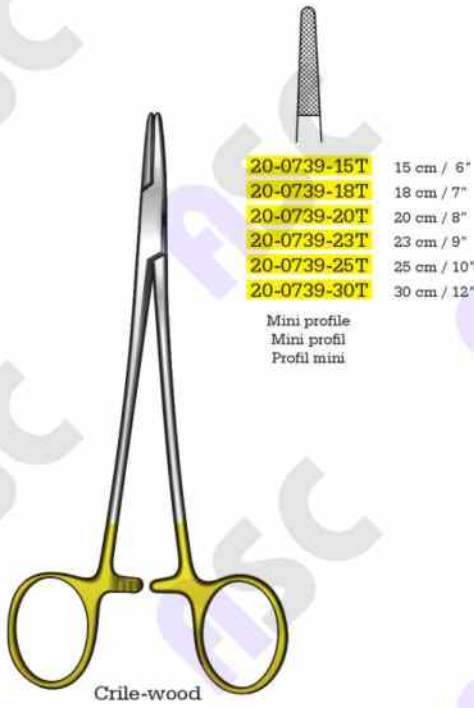


0.4  
**20-0705-13T** 13 cm / 5"  
**20-0705-15T** 15 cm / 6"



Mini profile  
Mini profil  
Profil mini

Needle Holders  
Nadelhalter  
Portas para agujas











Ryder

		
<b>20-0751-13T</b> 13 cm / 5"	<b>20-0751-15T</b> 15 cm / 6"	<b>20-0751-18T</b> 18 cm / 7"
		
<b>20-0751-20T</b> 20 cm / 8"	<b>20-0751-23T</b> 23 cm / 9"	<b>20-0751-26T</b> 26 cm / 10 1/4"

Mini profile  
Mini profil  
Profil mini



Ryder  
Angled

		
<b>20-3085-13T</b> 13 cm / 5"	<b>20-3085-15T</b> 15 cm / 6"	<b>20-3085-18T</b> 18 cm / 7"
		
<b>20-3085-20T</b> 20 cm / 8"	<b>20-3085-23T</b> 23 cm / 9"	<b>20-3085-26T</b> 26 cm / 10 1/4"

Mini profile  
Mini profil  
Profil mini



Hegar-Vascular

	
<b>20-3090-14T</b> 14 cm / 5 1/2"	<b>20-3090-18T</b> 18 cm / 7"
	
<b>20-3090-20T</b> 20 cm / 8"	<b>20-3090-23T</b> 23 cm / 9"

Micro profile  
Mikro profil  
Profil micro

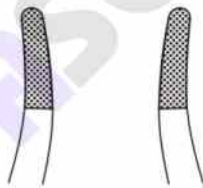


Ryder-Vascular

		
<b>20-3095-13T</b> 13 cm / 5"	<b>20-3095-15T</b> 15 cm / 6"	<b>20-3095-18T</b> 18 cm / 7"
		
<b>20-3095-20T</b> 20 cm / 8"	<b>20-3095-23T</b> 23 cm / 9"	<b>20-3095-26T</b> 26 cm / 10 1/4"

Micro profile  
Mikro profil  
Profil micro

Needle Holders  
Nadelhalter  
Portas para agujas



0.5	0.5
<b>20-3100-22T</b>	<b>20-3105-22T</b>
22 cm / 8½"	22 cm / 8½"
Right	Left
<b>20-3100-23T</b>	<b>20-3105-23T</b>
23 cm / 9"	23 cm / 9"
Right	Left

Normal profile  
Normal profil  
Profil normal



Stratte



Bozemann



0.5  
**20-3110-20T**  
20 cm / 8"

Normal profile  
Normal profil  
Profil normal



0.5  
**20-3115-20T**  
20 cm / 8"



0.5  
**20-3115-24T**  
24 cm / 9½"



0.5  
**20-3115-26T**  
26 cm / 10¼"

Normal profile  
Normal profil  
Profil normal



Heaney





0.5  
Normal profile  
Normal profil  
Profil normal



0.5  
Normal profile  
Normal profil  
Profil normal



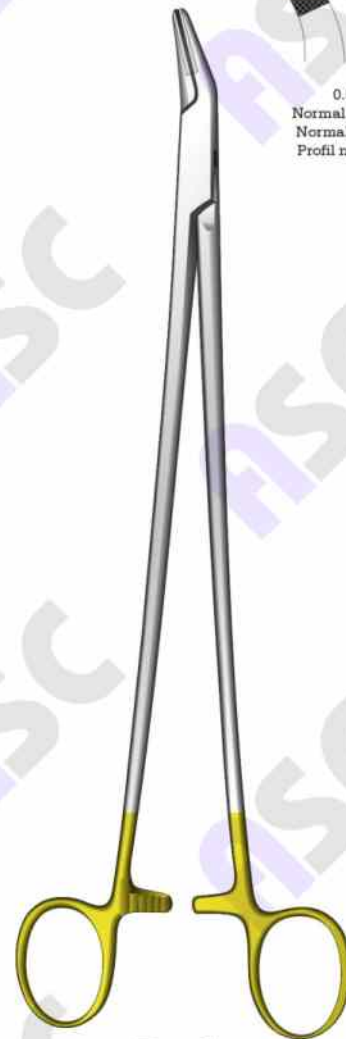
0.5  
Normal profile  
Normal profil  
Profil normal



**Masson**  
**20-3120-27T**  
27 cm / 10½"



**Wangenstein**  
**20-3125-27T**  
27 cm / 10½"



**Finocchio**  
**20-3130-27T**  
27 cm / 10½"

Needle Holders  
Nadelhalter  
Portas para agujas



**Sarot**

0.5  
Normal profile  
Normal profil  
Profil normal

- 20-3135-18T 18 cm / 7"
- 20-3135-20T 20 cm / 8"
- 20-3135-26T 26 cm / 10 1/4"

**Thomson Walker**

0.5  
Normal profile  
Normal profil  
Profil normal

- 20-3140-20T 20 cm / 8"

**Naunton Morgan**

0.5  
Normal profile  
Normal profil  
Profil normal

- 20-3145-26T 26 cm / 10 1/4"

**Olsen-Hegar**

0.5  
Normal profile  
Normal profil  
Profil normal

- 20-3150-14T 14 cm / 5 1/2"
- 20-3150-16T 16 cm / 6 1/4"
- 20-3150-17T 17 cm / 6 3/4"
- 20-3150-19T 19 cm / 7 1/2"

**Olsen-Hegar**

0.2  
Micro profile  
Micro profil  
Profil micro

- 20-3155-12T 12 cm / 4 1/2"

**Forester Gillies**

0.4  
Mini profile  
Mini profil  
Profil mini

- 20-0773-14T 14 cm / 5 1/2"
- 20-0773-16T 16 cm / 6 1/4"
- 20-0773-17T 17 cm / 6 3/4"
- 20-0773-19T 19 cm / 7 1/2"

- 20-3160-12T 12.5 cm / 5"  
Serrated jaws

**Gillies**

0.4  
Mini profile

- 20-0774-16T 16 cm / 6 1/4"

**Mini Gillies**  
Special model

- 20-0774-15T 12 cm / 4 1/2"  
Mini profile
- 20-3165-10T 10 cm / 4"  
Micro profile



Mathieu



Mini profile  
Mini profil  
Profil mini



Mathieu - Standard



Normal profile  
Normal profil  
Profil normal



Mathieu



Mini profile  
Mini profil  
Profil mini



Lichtenberg  
**20-0787-20T**  
20 cm / 8"



Tbennis  
**20-0785-18T**  
18 cm / 7"  
Elastic pattern












Langenbeck



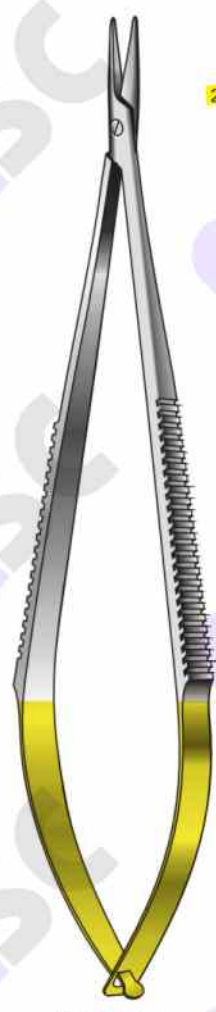
Needle Holders  
Nadelhalter  
Portas para agujas



			
<b>20-3175-13T</b>	<b>20-0721-13T</b> 13 cm / 5¼"	<b>20-0722-13T</b>	
	<b>20-0721-14T</b> 14 cm / 5½"	<b>20-0722-14T</b>	
	<b>20-0721-16T</b> 16 cm / 6¼"	<b>20-0722-16T</b>	
	<b>20-0721-18T</b> 18 cm / 7"	<b>20-0722-18T</b>	
	<b>20-0721-20T</b> 20 cm / 8"	<b>20-0722-20T</b>	
	<b>20-0721-21T</b> 21 cm / 8½"	<b>20-0722-21T</b>	
	<b>20-0721-23T</b> 23 cm / 9"	<b>20-0722-23T</b>	
	Smooth	Smooth, curved	
			
<b>20-3176-13T</b>	<b>20-2100-13T</b> 13 cm / 5¼"	<b>20-2105-13T</b>	<b>20-3180-13T</b>
	<b>20-2100-14T</b> 14 cm / 5½"	<b>20-2105-14T</b>	
	<b>20-2100-16T</b> 16 cm / 6¼"	<b>20-2105-16T</b>	
	<b>20-2100-18T</b> 18 cm / 7"	<b>20-2105-18T</b>	
	<b>20-2100-20T</b> 20 cm / 8"	<b>20-2105-20T</b>	
	<b>20-2100-21T</b> 21 cm / 8½"	<b>20-2105-21T</b>	
	<b>20-2100-23T</b> 23 cm / 9"	<b>20-2105-23T</b>	
	Micro profile	Micro profile	
			
<b>20-3177-13T</b>			<b>20-3181-13T</b>



**McPherson**  
**20-3170-10T**  
10 cm / 4"



**Castroviejo**  
13.5 cm / 5½"  
Without lock





**Castroviejo**  
With lock



**Castroviejo**  
13.5 cm / 5½"  
Extra delicate, with lock

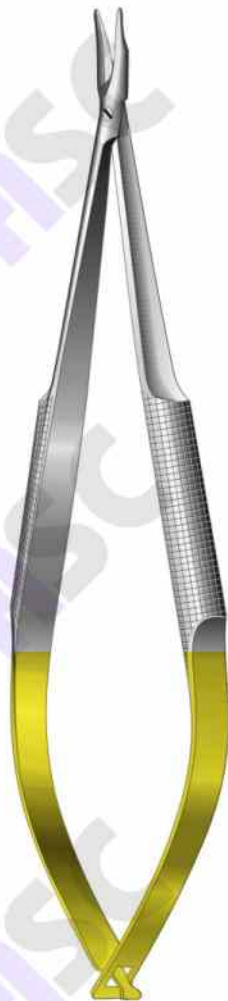


			
<b>20-3185-13T</b>	13 cm / 5¼"	<b>20-3190-13T</b>	
<b>20-3185-16T</b>	16 cm / 6¼"	<b>20-3190-16T</b>	
<b>20-3185-18T</b>	18 cm / 7"	<b>20-3190-18T</b>	
<b>20-3185-20T</b>	20 cm / 8"	<b>20-3190-20T</b>	
<b>20-3185-23T</b>	23 cm / 9"	<b>20-3190-23T</b>	
With lock		With lock	
<b>20-3186-13T</b>	13 cm / 5¼"	<b>20-3191-13T</b>	
<b>20-3186-16T</b>	16 cm / 6¼"	<b>20-3191-16T</b>	
<b>20-3186-18T</b>	18 cm / 7"	<b>20-3191-18T</b>	
<b>20-3186-20T</b>	20 cm / 8"	<b>20-3191-20T</b>	
<b>20-3186-23T</b>	23 cm / 9"	<b>20-3191-23T</b>	
Without lock		Without lock	

	
<b>20-3205-13T</b>	13 cm / 5¼"
<b>20-3205-16T</b>	16 cm / 6¼"
<b>20-3205-18T</b>	18 cm / 7"
<b>20-3205-20T</b>	20 cm / 8"
<b>20-3205-23T</b>	23 cm / 9"
With lock	



Barraquer



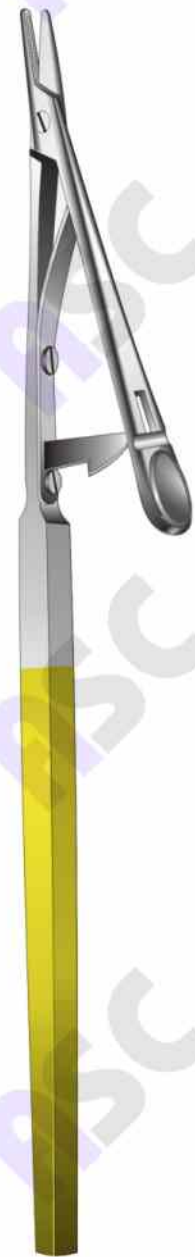
Barraquer  
**20-3200-13T**  
13 cm / 5¼"



Barraquer-Troutman



Arruga  
**20-3211-14T** Straight  
**20-3210-14T** Curved  
14 cm / 5½"



Stevens  
**20-3215-16T**  
16.5 cm / 6½"  
With ratchet lock

Needle Holders  
Nadelhalter  
Portas para agujas



**Kalt**  
**20-2115-13T**  
13 cm / 5¼"  
Standard model  
Delicate jaws



**20-0723-16T**      **20-0724-16T**

**Arruga**  
18 cm / 6¾"



**Boynton**  
**20-2110-12T**  
12.5 cm / 5"  
Delicate



**20-3220-09T**  
With lock  
**20-3221-09T**  
Without lock

**20-3225-09T**  
With lock  
**20-3226-09T**  
Without lock

**Castroviejo**  
9 cm / 3½"



**Castroviejo**  
**20-3230-12T**  
12 cm / 4¾"



**Castroviejo Barraquer**  
**20-3235-12T**  
12 cm / 4¾"



**Castroviejo**  
**20-3240-13T**  
13 cm / 5"

Reverdin Needles  
Reverdin-Nadeln  
Agujas de reverdin



Reverdin  
14 cm / 5 1/2"  
Short



20-0802-15  
Fig. 1



20-0803-15  
Fig. 2



20-0804-15  
Fig. 3



20-0805-15  
Fig. 4



Reverdin



20-0822-19  
20-0842-23  
Fig. 1



20-0823-19  
20-0843-23  
Fig. 2



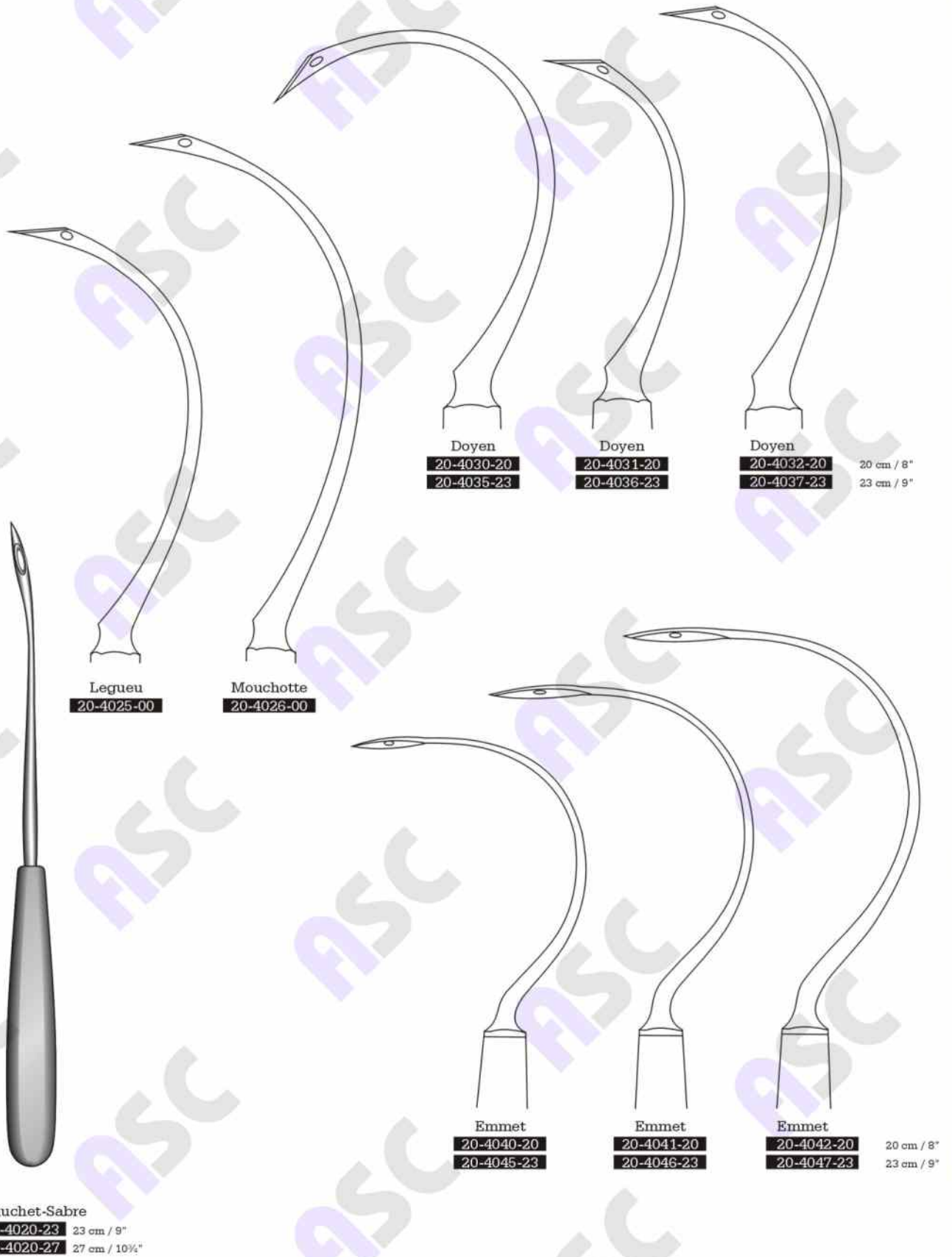
20-0824-19  
20-0844-23  
Fig. 3



20-0825-19  
20-0845-23  
Fig. 4

19.5 cm / 7 1/4"  
23 cm / 9"

Reverdin Needles  
Reverdin-Nadeln  
Agujas de reverdin





Reverdin Needles  
Reverdin-Nadeln  
Agujas de reverdin



20-4125-00  
Fig. 1



20-4126-00  
Fig. 2

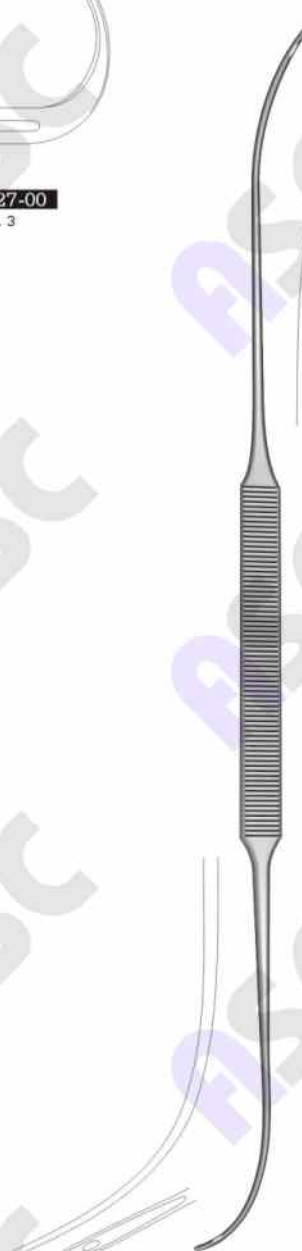
20-4127-00  
Fig. 3



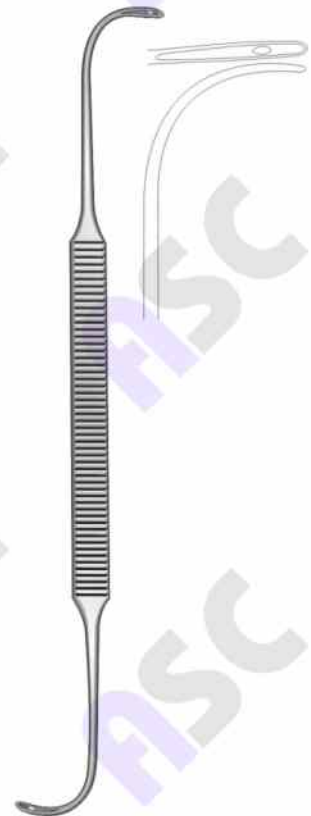
Young-Hryntschank  
20-4120-24  
24 cm / 9½"  
Complete with one needle no. 1



Young-Millin  
20-4130-20  
20 cm / 8"  
With 1 needle

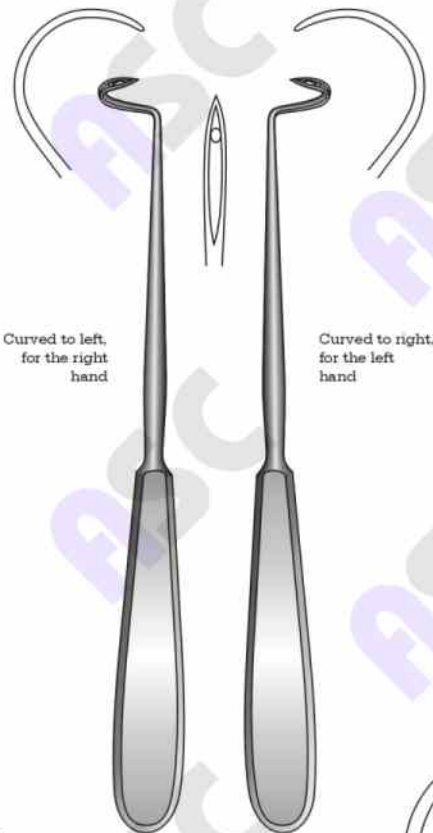


Schmieden-Dick  
20-4135-30  
30 cm / 12"



Schmieden  
20-4140-24  
24 cm / 9½"

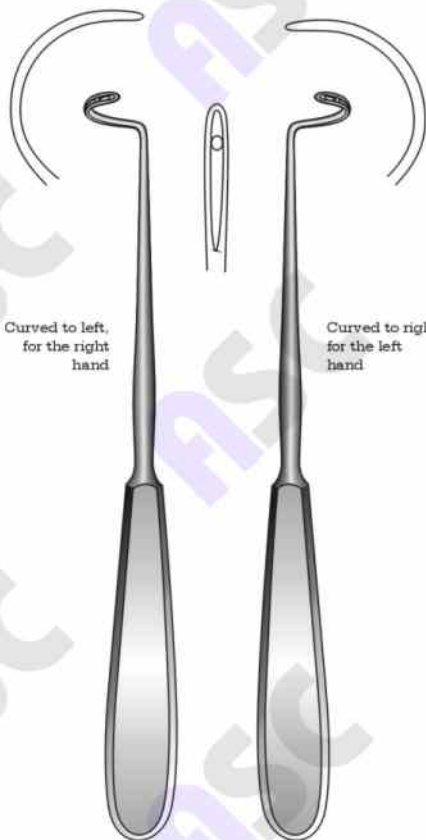
Ligature Needles  
Unterbindungsnadeln  
Agujas para ligaduras



Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

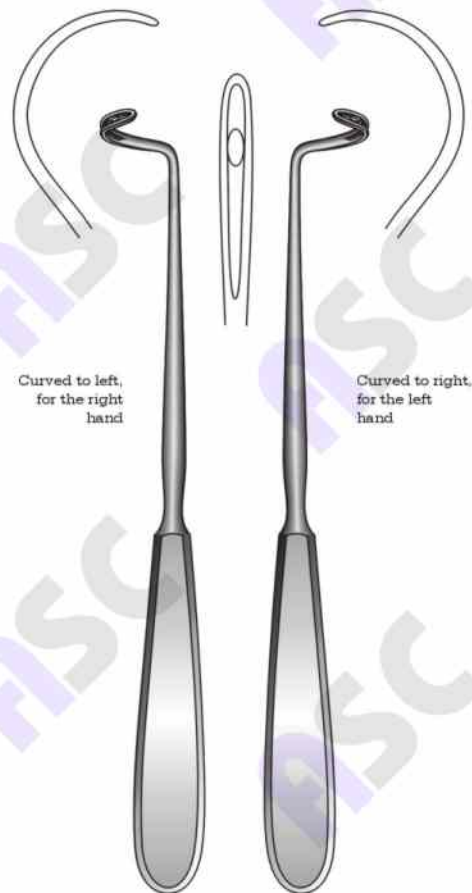
**Deschamps**  
**20-4150-20**  
**20-4151-20**  
20 cm / 8"  
Sharp



Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

**Deschamps**  
**20-4145-20**  
**20-4146-20**  
20 cm / 8"  
Blunt

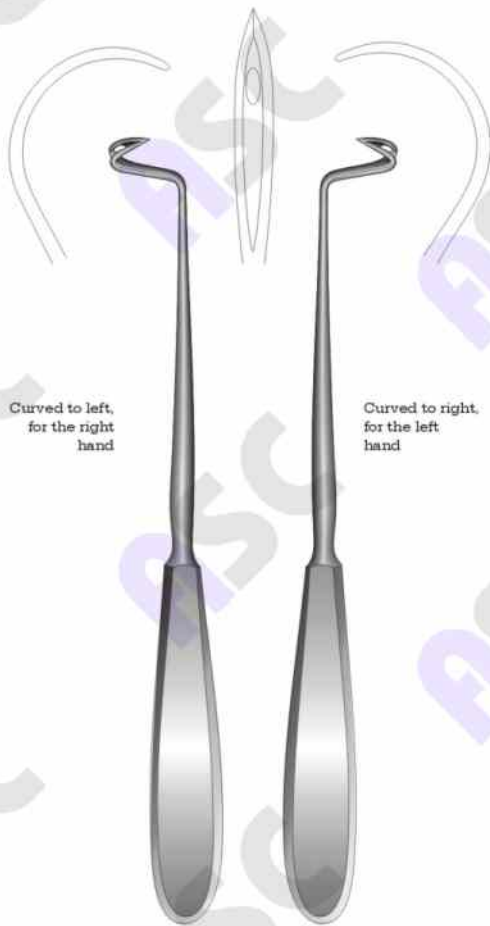


Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

**Deschamps**  
**20-4155-21**  
**20-4156-21**  
21 cm / 8 1/4"  
Blunt

Ligature Needles  
Unterbindungsnadeln  
Agujas para ligaduras



Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

**Deschamps**  
**20-4160-21**  
**20-4161-21**  
21 cm / 8¼"  
Sharp

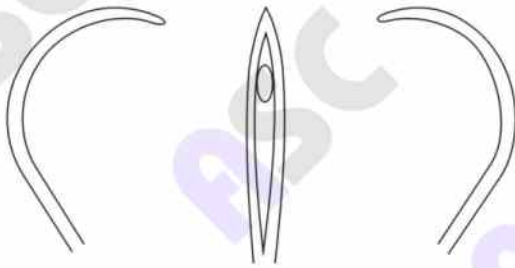


Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

**Deschamps**  
**20-4165-27**  
**20-4166-27**  
27 cm / 10½"  
Blunt

Ligature Needles  
Unterbindungsnadeln  
Agujas para ligaduras

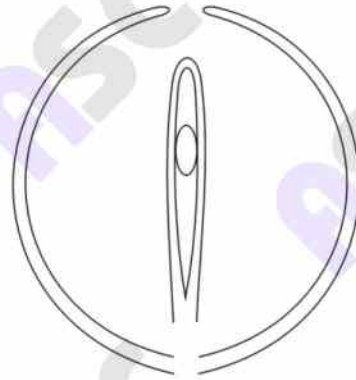


Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand



Deschamps  
20-4170-27  
20-4171-27  
27 cm / 10 1/2"  
Sharp



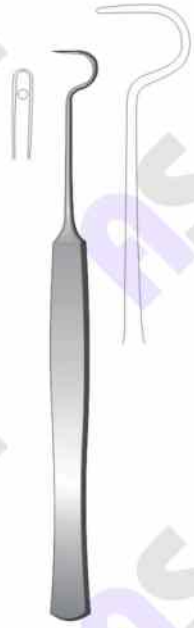
Curved to left,  
for the right  
hand

Curved to right,  
for the left  
hand

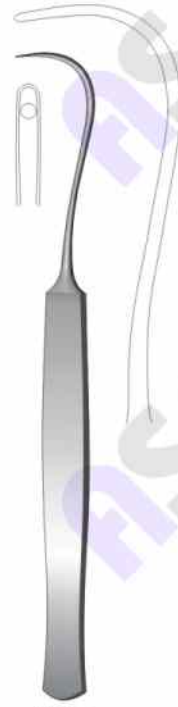


Deschamps  
20-4175-28  
20-4176-28  
28 cm / 11"  
Blunt

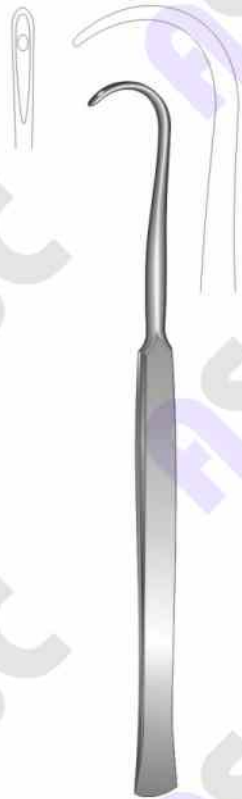
Ligature Needles  
Unterbindungsnadeln  
Agujas para ligaduras



**20-4180-15**  
15 cm / 6"



Syme  
**20-4185-17**  
17 cm / 6¾"



Cooper  
**20-4190-19**  
19 cm / 7½"



Cooper  
**20-4195-20**  
20.5 cm / 8"

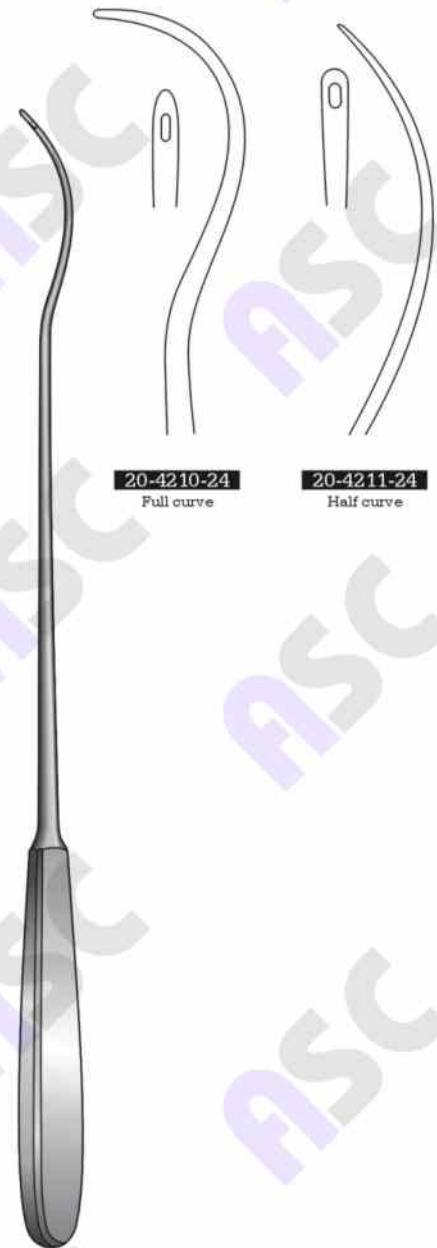
Ligature Needles  
Unterbindungsnadeln  
Agujas para ligaduras



**Kocher**  
20-4200-20  
20.5 cm / 8"



**Malleable**  
20-4205-23  
23 cm / 9"



**Brunner**  
24 cm / 9½"



3 mm

**20-4215-20**  
20 cm / 8"



4.5 mm

**Koenig**  
**20-4220-19**  
19.5 cm / 7 1/2"



7 mm

**Koenig**  
**20-4225-20**  
20 cm / 8"



8 mm

**Schmieden**  
**20-4230-18**  
18.5 cm / 7 1/4"



11 mm

**Kocher**  
**20-4235-15**  
15 cm / 6"



12 mm



**Kocher**  
**20-4240-17**  
17 cm / 6 1/2"



5 mm

**Payr**  
**20-4245-19**  
19.5 cm / 7 1/2"



5 mm

**Payr**  
**20-4250-22**  
22.5 cm / 9"

Guiding Probes  
Führungssonden  
Sondas para guía



**20-4255-28**  
28 cm / 11"



**Kirschner**  
**20-4260-25**  
25.5 cm / 10"



**Brunner**  
**20-4265-24**  
24.5 cm / 9 1/2"



**20-4270-24**  
24 cm / 9 1/2"



Ligature Conductors, Knot Tiers, Ligature Catcher  
Führungshohlsonden, Fadenknoter, Fänger  
Sondas conductores, Tuerce hilos



Mod. Wiener  
**20-4275-23**  
23.5 cm / 9 1/4"  
Suture hook



**20-4280-23**  
23 cm / 9"  
Ligature catcher



Caspar  
**20-4285-23**  
23 cm / 9"  
Ligature adjuster



## Alphabetical Index



# Alphabetical Index

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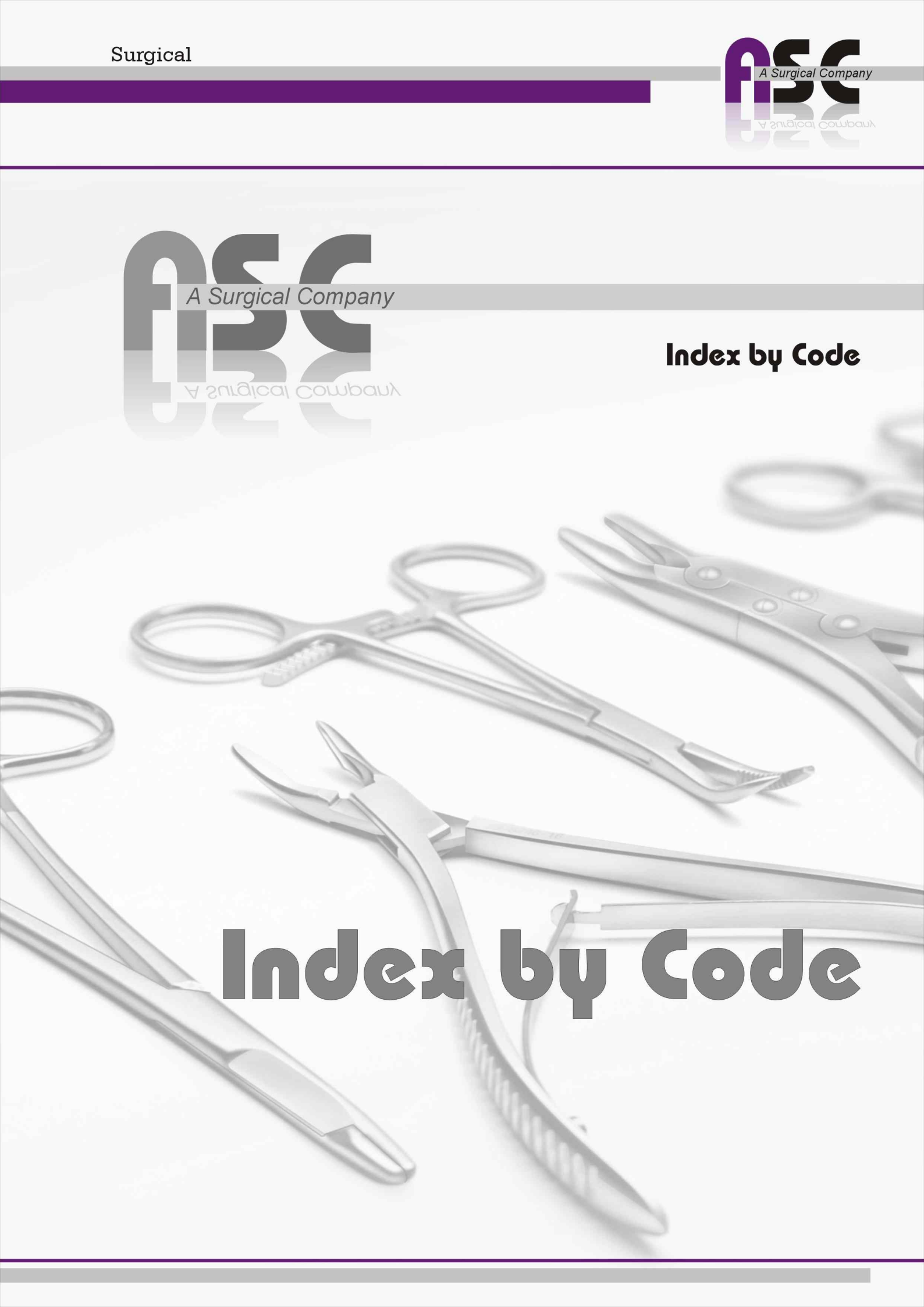
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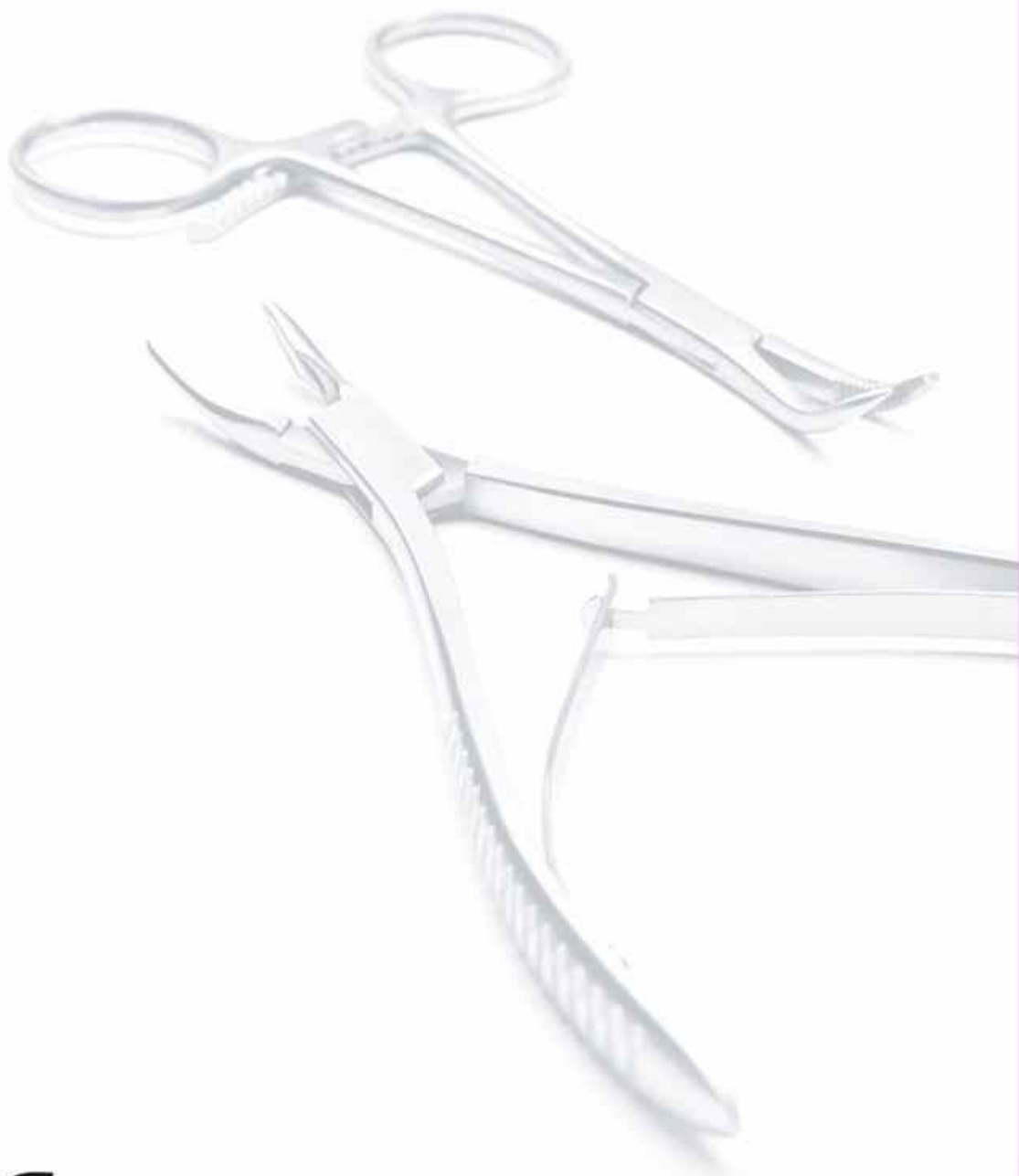
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**ASC MEDICAL** Surgical Instruments and Implants are guaranteed to be free of defects in materials and workmanship for life.

**ASC MEDICAL** Surgical Instruments and Implants that are determined to be defective will be replaced or repaired, at our discretion.

**ASC MEDICAL** Surgical Instruments and Implants not properly cared for or used for purposes not intended will not be covered.



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