

RETRACTORS

Guthrie

Extra delicate pattern.



2,5 mm



13 cm
2 Pronged
Blunt

No. 17021-13

Fine Retractor



6 mm



13,5 cm
2 Pronged
Blunt

No. 17023-13

Blair



6 mm



13,5 cm
4 Pronged
Blunt

No. 17022-13

Fomon



80% of
actual size

13 mm



17 cm
2 Pronged
2 mm Ball at each tip

No. 17020-17

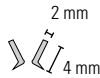
Slide Retractor with Blades



2 cm
Maximum spread: 1 cm
Atraumatic blades

No. 17004-03

Mini-Goldstein



2 cm
Maximum spread: 0,5 cm
3x3 Sharp teeth

No. 17002-02

Mini-Colibri



2 cm
Maximum spread: 1 cm

No. 17000-01

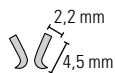
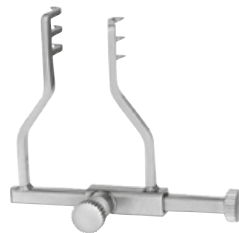
Slide Retractor with Teeth



2 cm
Maximum spread: 1 cm
2x2 Blunt teeth

No. 17005-03

Goldstein



3 cm
Maximum spread: 1,8 cm
3x3 Sharp teeth

No. 17003-03

Colibri



3 cm
Maximum spread: 1,5 cm

No. 17000-03

4 cm
Maximum spread: 1,5 cm

No. 17000-04



3 cm
Maximum spread: 1,2 cm

No. 17000-02

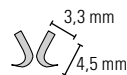
Fine Adjustable Wire Retractor



5 cm
Maximum spread: 3,5 cm
Thin, curved blades

No. 17004-05

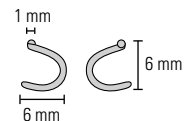
Agricola



4 cm
Maximum spread: 3,5 cm
3x3 Sharp teeth

No. 17005-04

Speculum

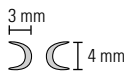


Moria 7699

4,5 cm
Maximum spread: 3,5 cm
Thin, curved blades and grooved finger grips

No. 17370-53

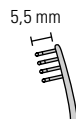
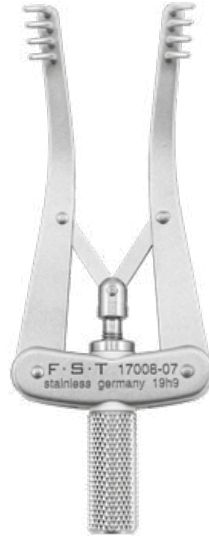
Alm Retractor with Wire Teeth



7 cm
Maximum spread: 4 cm
Arms gently curved down

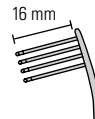
No. 17010-07

Alm Retractor with Blunt Teeth



7 cm
Maximum spread: 4 cm
Arms gently curved down

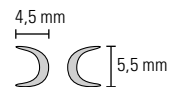
Blunt teeth
No. 17008-07



7 cm
Maximum spread: 4 cm
Arms gently curved down

Long blunt teeth
No. 17009-07

Alm Retractor with Blades

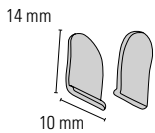


7,5 cm
Maximum spread: 4,5 cm
Arms gently curved down
Thin, curved blades

No. 17009-08

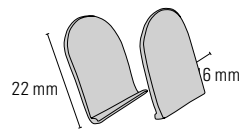
Spring-Loaded Retractor

Curved atraumatic blades



5,5 cm
Maximum spread: 3 cm
Blade dimensions: 14 x 10 mm

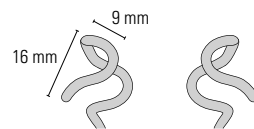
No. 17006-05



8 cm
Maximum spread: 4 cm
Blade dimensions: 22 x 16 mm

No. 17007-08

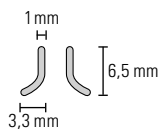
Bowman



8 cm
Maximum spread: 2,5 cm

No. 17001-07

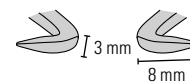
Heiss



Maximum spread: 2,3 cm
4x4 Blunt teeth
10 cm

No. 17011-10

Gelpi

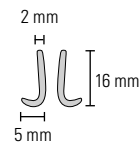
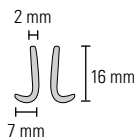
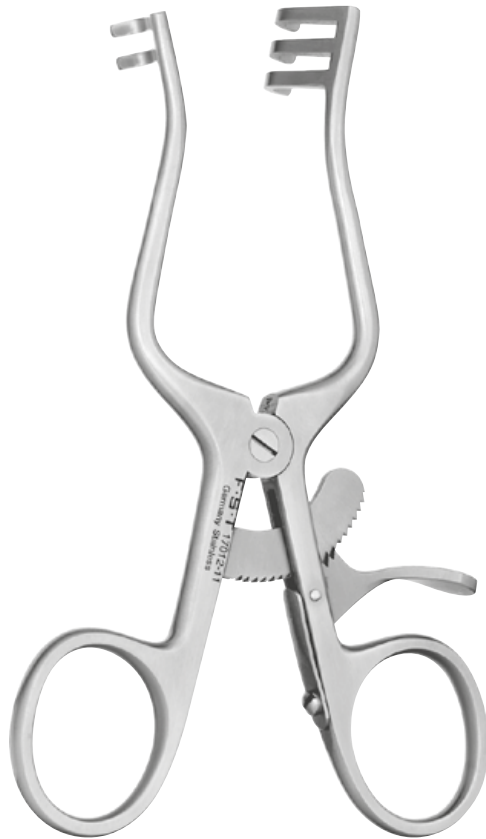


Maximum spread: 3 cm
Angled down
1x1 Sharp teeth
10 cm

No. 17017-10

Weitlaner-Locktite

Wullstein



2x3 Blunt teeth

3x4 Blunt teeth

11 cm

Maximum spread: 4,5 cm

No. 17012-11

13 cm

Maximum spread: 6,5 cm

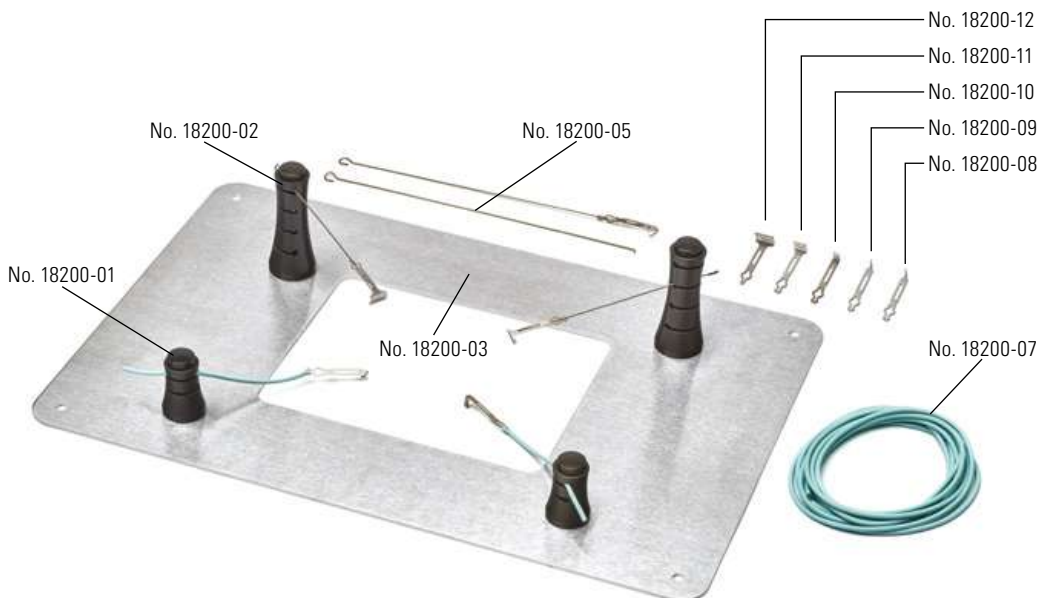
No. 17012-13

Angled down
3x3 Blunt teeth

11 cm

Maximum spread: 4,5 cm

No. 17018-11



Magnetic Fixator Retraction System

This Small Animal Retraction System simplifies set-up procedure and provides the examiner with an excellent overview of the operative site. It consists of three components: **Base Plate** (Nos. 18200-03 & 18200-04); **Fixators** (Nos. 18200-01 & 18200-02); and **Retractors** (Nos. 18200-05 through 18200-12).

The **Base Plates** are made from magnetic stainless steel and are available in two sizes. The surface is nonreflective and both plates have a window in the center which allows the animal contact with body temperature control systems. The window sizes are 10 x 13 cm for the small base plate and 15 x 25 cm for the large.

The **Fixators** are movable anchors made from anodized aluminum with a surgical grade rare earth magnet in the base for attachment anywhere on the Base Plate. The magnets do not interfere with lab electronics and can be used in close proximity (3 cm) to ferro-magnetic items. They incorporate pushbutton-activated spring locks that grip either the Wire or Elastomer Retractors.

The **Retractors** are interchangeable Retractor Tips (Nos. 18200-08 through 18200-12) which attach to either Retractor Wire (Nos. 18200-05 & 18200-06) for static retraction or to Elastomer (No. 18200-07) for dynamic retraction. The Retractor Tips are light and atraumatic to delicate tissue or membrane.

All system components are autoclavable.

Kit for animals up to 200 g

Includes:

- 1 Small base plate (No. 18200-03)
- 2 Short fixators (No. 18200-01)
- 1 Tall fixator (No. 18200-02)
- 1 Elastomer, 2 m roll (No. 18200-07)
- 1 Package of retractors, blunt, 1 mm wide (No. 18200-09)
- 1 Package of retractors, blunt, 2,5 mm wide (No. 18200-10)

No substitutions

No. 18200-20

Kit for animals from 200 g up to 5 kg

Includes:

- 1 Large base plate (No. 18200-04)
- 2 Short fixators (No. 18200-01)
- 2 Tall fixators (No. 18200-02)
- 1 Elastomer, 2 m roll (No. 18200-07)
- 1 Package of retractors, blunt, 2,5 mm wide (No. 18200-10)
- 1 Package of retractors, blunt, 5 mm wide (No. 18200-11)

No substitutions

No. 18200-50

Individual parts:

Short fixator, 2,5 cm high
Each
No. 18200-01

Tall fixator, 5 cm high
Each
No. 18200-02

Small base plate, (20 x 30 cm)
Each
No. 18200-03

Large base plate, (25 x 35 cm)
Each
No. 18200-04

Wire handles, 10 cm long
Pkg. of 10
No. 18200-05

Wire handles, 14 cm long
Pkg. of 10
No. 18200-06

Elastomer, 2 m roll
No. 18200-07

Sharp retractors
Pkg. of 10
No. 18200-08

Blunt retractors, 1 mm wide
Pkg. of 10
No. 18200-09

Blunt retractors, 2,5 mm wide
Pkg. of 10
No. 18200-10

Blunt retractors, 5 mm wide
Pkg. of 10
No. 18200-11

Blunt retractors, 7,5 mm wide
Pkg. of 10
No. 18200-12