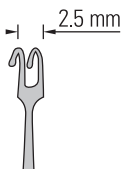


# RETRACTORS

## Guthrie

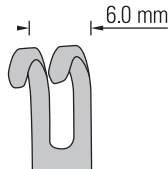
Extra delicate pattern.



13 cm  
2 Blunt

No. 17021-13

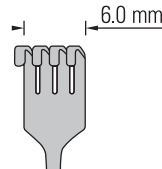
## Fine Retractor



13.5 cm  
2 Blunt

No. 17023-13

## Blair



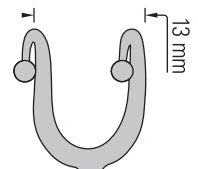
13.5 cm  
4 Blunt

No. 17022-13

## Fomon



80% of actual size

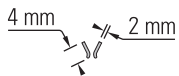


17 cm  
2 with 2 mm Ball each tip

No. 17020-17

RETRACTORS

Slide Retractor with Blades



2 cm  
Max. spread: 1 cm

**No. 17004-03**

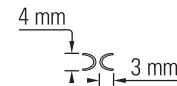
Mini-Goldstein



2 cm  
Max. spread: 0.5 cm  
3 x 3 Sharp teeth

**No. 17002-02**

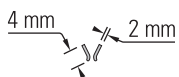
Mini-Colibri



2 cm  
Max. spread: 1 cm

**No. 17000-01**

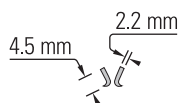
Slide Retractor with Teeth



2 cm  
Max. spread: 1 cm  
2 x 2 Blunt teeth

**No. 17005-03**

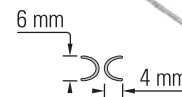
Goldstein



3 cm  
Max. spread: 1.8 cm  
3 x 3 Sharp teeth

**No. 17003-03**

Colibri

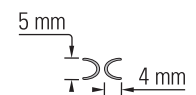


3 cm  
Max. spread: 1.5 cm

**No. 17000-03**

4 cm  
Max. spread: 1.5 cm

**No. 17000-04**

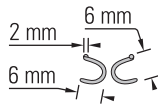


3 cm  
Max. spread: 1.2 cm

**No. 17000-02**

Speculum

Moria

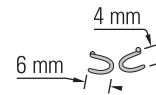


Moria 7699

4.5 cm  
Max. spread: 3.5 cm  
Curved

No. 17370-53

Fine Adjustable Wire Retractor

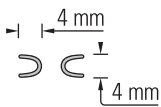


5 cm  
Max. spread: 3.5 cm  
Curved

No. 17004-05

Colibri

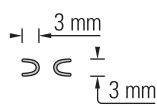
Moria



Moria 6346D

3.4 cm  
Max. spread: 1.5 cm

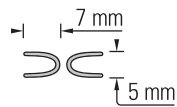
No. 17300-02



Moria 6346C

3.3 cm  
Max. spread: 1.5 cm

No. 17300-03

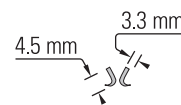


Moria 6346B

3.5 cm  
Max. spread: 2 cm

No. 17300-04

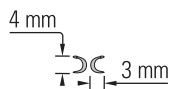
Agricola



4 cm  
Max. spread: 3.5 cm  
3 x 3 Sharp teeth

No. 17005-04

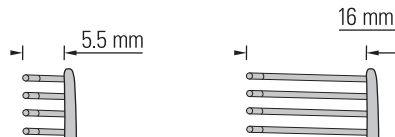
Alm Retractor with Wire Teeth



7 cm  
 Max. spread: 4 cm  
 Wire Slightly curved down

**No. 17010-07**

Alm Retractor with Blunt Teeth



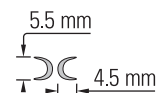
7 cm  
 Max. spread: 4 cm  
 Slightly curved  
 4 x 4 Blunt

**No. 17008-07**

7 cm  
 Max. spread: 4 cm  
 Blunt teeth  
 4 x 4 Blunt

**No. 17009-07**

Alm Retractor with Blades



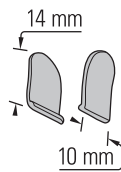
7.5 cm  
 Max. spread: 4.5 cm  
 Blades

**No. 17009-08**

RETRACTORS

### Spring-Loaded Retractor

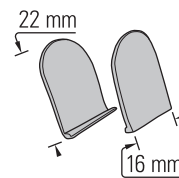
Curved atraumatic blades



5.5 cm  
Max. spread: 3 cm

14 x 10 mm

**No. 17006-05**

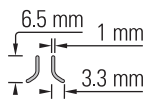


8 cm  
Max. spread: 4 cm

22 x 16 mm

**No. 17007-08**

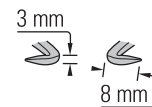
Heiss



10 cm  
Max. spread: 2.3 cm  
4 x 4 Blunt teeth

No. 17011-10

Gelpi

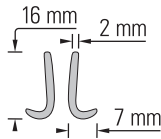
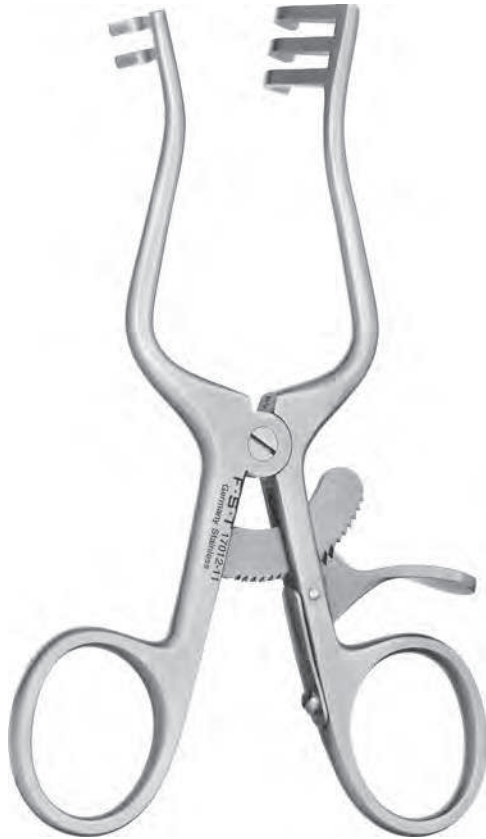


10 cm  
Angled down  
Max. spread: 3 cm  
1 x 1 Sharp teeth

No. 17017-10

RETRACTORS

Weitlaner-Locktite



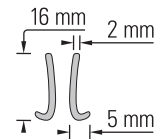
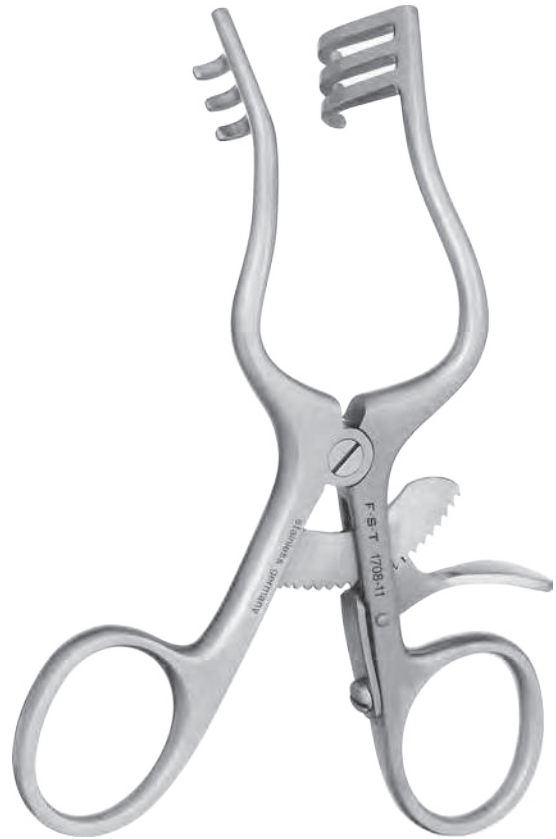
Straight  
2 x 3 Blunt teeth  
11 cm  
Max. spread: 4 cm

No. 17012-11

Straight  
3 x 4 Blunt teeth  
13 cm  
Max. spread: 4 cm

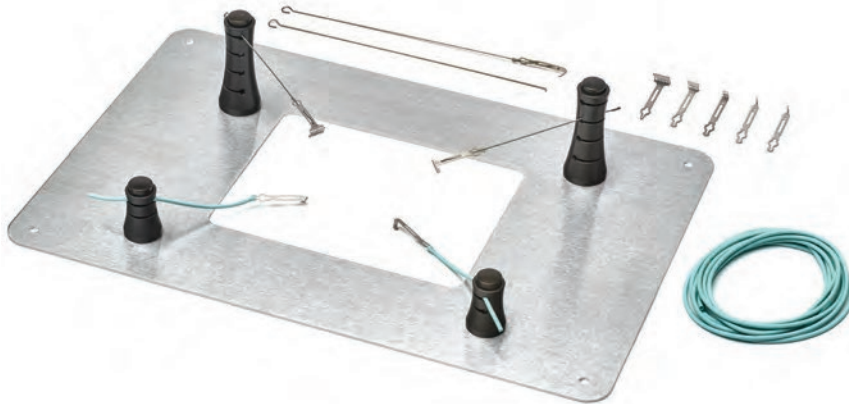
No. 17012-13

Wullstein



Angled down  
3 x 3 Blunt teeth  
11 cm  
Max. spread: 3 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, 3 cm high  
Each

**No. 18200-01**

Tall fixator, 6 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, 1 mm wide  
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**