

# Aesculap<sup>®</sup> CCR System Titanium

Caspar Cervical Retractor System



Aesculap Spine

# CCR System

## ■ Complete Blade Range

- 19 mm system for microsurgical techniques (green color coded)

- 24 mm system for standard techniques (blue color coded)

- blade lengths from 25 mm up to 75 mm in different tooth designs



## ■ Side Load Mechanism

- easy and fast intra-operative handling

- modular handles to be used as hand-held retractors

- 100 % compatible to previous ball snap closure

# Features and Benefits

## ■ Double Hinge Retractors

- exceptional intra-operative adaption
- basic retractor with tiltable butterfly screw

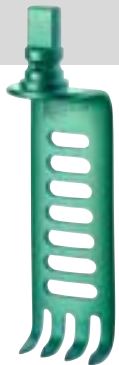


## ■ Non-slip Fenestrated Titanium Blades

- firm yet gentle grip with precise fit
- better view and little weight
- semi-radiolucent
- tissue protection due to less retraction forces
- color coded according to blade width

# Ordering Information

## CCR Titanium Blades



Art. No.	Size	Art. No.
BW050T	19 x 25 mm	BW060T
BW051T	19 x 30 mm	BW061T
BW052T	19 x 35 mm	BW062T
BW053T	19 x 40 mm	BW063T
BW054T	19 x 45 mm	BW064T
BW055T	19 x 50 mm	BW065T
BW056T	19 x 55 mm	BW066T
BW057T	19 x 60 mm	BW067T

toothed blades  
(medial / lateral)



blunt blades  
(cranial-caudal)



Art. No.	Size	Art. No.
BW141T	24 x 30 mm	BW151T
BW142T	24 x 35 mm	BW152T
BW143T	24 x 40 mm	BW153T
BW144T	24 x 45 mm	BW154T
BW145T	24 x 50 mm	BW155T
BW146T	24 x 55 mm	BW156T
BW147T	24 x 60 mm	BW157T
BW148T	24 x 65 mm	BW158T
BW149T	24 x 70 mm	BW159T

lateral blades  
(small teeth)



medial blades  
(large teeth)

Art. No.	Size
BW162T	24 x 35 mm
BW163T	24 x 40 mm
BW164T	24 x 45 mm
BW165T	24 x 50 mm
BW166T	24 x 55 mm
BW167T	24 x 60 mm
BW168T	24 x 65 mm
BW169T	24 x 70 mm
BW170T	24 x 75 mm



cranial-caudal blades  
(blunt)

## Retractors

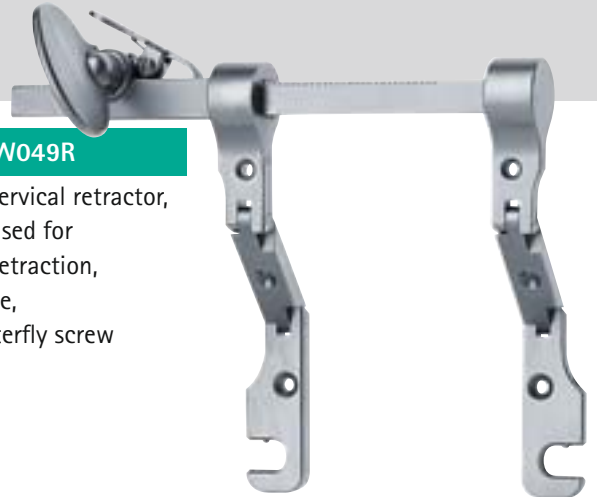
### BW048R

CCR counter retractor,  
preferably used for  
multi-level retraction



### BW049R

CCR basic cervical retractor,  
preferably used for  
transverse retraction,  
double hinge,  
tiltable butterfly screw



### BW047R

CCR basic counter retractor,  
preferably used for  
cranial-caudal retraction,  
double hinge



### BW010R

Handle for blades  
to be used as  
hand-held retractor



### BW011P

Depth gauge  
to determine  
the appropriate  
blade length



# Retractor Sets

## BW124 – 24 mm Titanium Blade System



### BW124 – containing

Art. No.	Units	Description
BW125P	1	CCR tray, with lid
BW049R	1	CCR basic retractor
BW047R	1	CCR basic counter retractor
BW048R	1	CCR counter retractor
BW010R	2	Handle
BW011P	1	Depth gauge
BW141T	1	CCR blade, lateral 24 x 30 mm
BW142T	1	CCR blade, lateral 24 x 35 mm
BW143T	1	CCR blade, lateral 24 x 40 mm
BW144T	1	CCR blade, lateral 24 x 45 mm
BW145T	1	CCR blade, lateral 24 x 50 mm
BW146T	1	CCR blade, lateral 24 x 55 mm
BW147T	1	CCR blade, lateral 24 x 60 mm
BW148T	1	CCR blade, lateral 24 x 65 mm
BW149T	1	CCR blade, lateral 24 x 70 mm
BW151T	1	CCR blade, medial 24 x 30 mm
BW152T	1	CCR blade, medial 24 x 35 mm
BW153T	1	CCR blade, medial 24 x 40 mm
BW154T	1	CCR blade, medial 24 x 45 mm
BW155T	1	CCR blade, medial 24 x 50 mm
BW156T	1	CCR blade, medial 24 x 55 mm
BW157T	1	CCR blade, medial 24 x 60 mm
BW158T	1	CCR blade, medial 24 x 65 mm
BW159T	1	CCR blade, medial 24 x 70 mm
BW162T	1	CCR blade, blunt 24 x 35 mm
BW163T	1	CCR blade, blunt 24 x 40 mm
BW164T	1	CCR blade, blunt 24 x 45 mm
BW165T	1	CCR blade, blunt 24 x 50 mm
BW166T	1	CCR blade, blunt 24 x 55 mm
BW167T	1	CCR blade, blunt 24 x 60 mm
BW168T	1	CCR blade, blunt 24 x 65 mm
BW169T	1	CCR blade, blunt 24 x 70 mm
BW170T	1	CCR blade, blunt 24 x 75 mm

### BW122 – Basic retractor set containing

Art. No.	Units	Description
BW049R	1	CCR basic retractor
BW010R	2	Handle
BW143T	1	CCR blade, lateral 24 x 40 mm
BW144T	1	CCR blade, lateral 24 x 45 mm
BW145T	1	CCR blade, lateral 24 x 50 mm
BW146T	1	CCR blade, lateral 24 x 55 mm
BW147T	1	CCR blade, lateral 24 x 60 mm
BW153T	1	CCR blade, medial 24 x 40 mm
BW154T	1	CCR blade, medial 24 x 45 mm
BW155T	1	CCR blade, medial 24 x 50 mm
BW156T	1	CCR blade, medial 24 x 55 mm
BW157T	1	CCR blade, medial 24 x 60 mm

## BW119 – 19 mm Titanium Blade System for Microsurgical Techniques

### BW119 – containing

Art. No.	Units	Description
BW125P	1	CCR tray, with lid
BW049R	1	CCR basic retractor
BW047R	1	CCR basic counter retractor
BW048R	1	CCR counter retractor
BW010R	2	Handle
BW011P	1	Depth gauge
BW050T	2	CCR blade, toothed 19 x 25 mm
BW051T	2	CCR blade, toothed 19 x 30 mm
BW052T	2	CCR blade, toothed 19 x 35 mm
BW053T	2	CCR blade, toothed 19 x 40 mm
BW054T	2	CCR blade, toothed 19 x 45 mm
BW055T	2	CCR blade, toothed 19 x 50 mm
BW056T	2	CCR blade, toothed 19 x 55 mm
BW057T	2	CCR blade, toothed 19 x 60 mm
BW060T	1	CCR blade, blunt 19 x 25 mm
BW061T	1	CCR blade, blunt 19 x 30 mm
BW062T	1	CCR blade, blunt 19 x 35 mm
BW063T	1	CCR blade, blunt 19 x 40 mm
BW064T	1	CCR blade, blunt 19 x 45 mm
BW065T	1	CCR blade, blunt 19 x 50 mm
BW066T	1	CCR blade, blunt 19 x 55 mm
BW067T	1	CCR blade, blunt 19 x 60 mm



### BW123 – Basic counter retractor set containing

Art. No.	Units	Description
BW047R	1	CCR basic counter retractor
BW164T	1	CCR blade, lateral 24 x 45 mm
BW165T	1	CCR blade, lateral 24 x 50 mm
BW166T	1	CCR blade, lateral 24 x 55 mm
BW167T	1	CCR blade, lateral 24 x 60 mm
BW168T	1	CCR blade, lateral 24 x 65 mm

