

Aesculap[®] 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

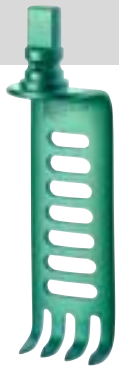


Non-slip Fenestrated Titanium Blades

- 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

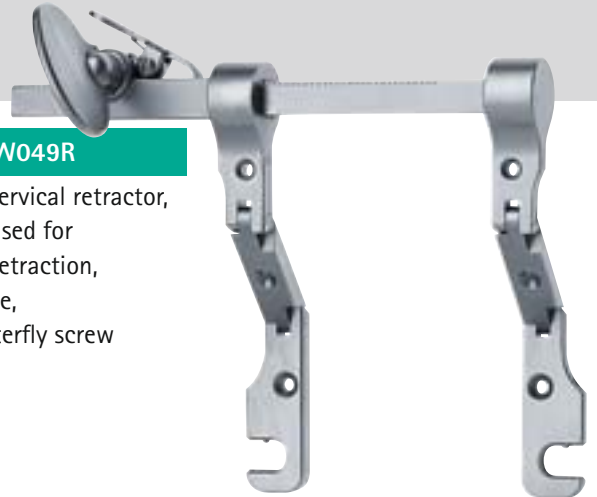
BW048R

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



Basis - Size 1/1

Container bodies

without base perforation = JK

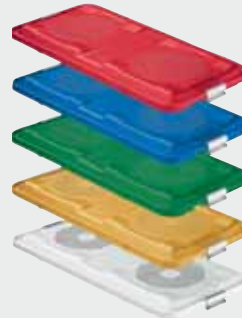


with base perforation = JN

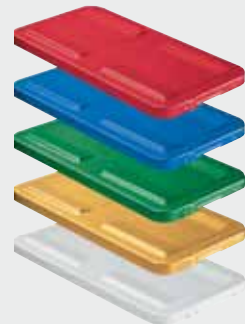




Lids for individual color combination



Inner lid




Outer lid




		Outside dimensions Length x Width x Height (mm)
JK440	JN440	592 x 274 x 90
JK441	JN441	592 x 274 x 120
JK442	JN442	592 x 274 x 135
JK444	JN444	592 x 274 x 187
JK446	JN446	592 x 274 x 247

	Color		Color
JK485	red	JK475A	red
JK486	blue	JK476A	blue
JK487	green	JK477A	green
JK488	gold	JK478A	gold
JK489	silver	JK479A	silver

Dimensions complete - Length x Width x Height (mm)

	Outside dimensions Inside dimensions	Outside dimensions Inside dimensions
Body 1/1	with inner lid	with outer lid
JK440	592 x 285 x 108 544 x 258 x 75	592 x 291 x 115 544 x 258 x 75
JK441	592 x 285 x 138 544 x 258 x 105	592 x 291 x 145 544 x 258 x 105
JK442	592 x 285 x 153 544 x 258 x 120	592 x 291 x 160 544 x 258 x 120
JK444	592 x 285 x 205 544 x 258 x 172	592 x 291 x 212 544 x 258 x 172
JK446	592 x 285 x 265 544 x 258 x 232	592 x 291 x 272 544 x 258 x 232







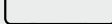

	Outside dimensions Inside dimensions	Outside dimensions Inside dimensions
Body 1/1	with inner lid	with outer lid
JN440	592 x 285 x 108 544 x 258 x 63	592 x 291 x 115 544 x 258 x 63
JN441	592 x 285 x 138 544 x 258 x 93	592 x 291 x 145 544 x 258 x 93
JN442	592 x 285 x 153 544 x 258 x 108	592 x 291 x 160 544 x 258 x 108
JN444	592 x 285 x 205 544 x 258 x 160	592 x 291 x 212 544 x 258 x 160
JN446	592 x 285 x 265 544 x 258 x 220	592 x 291 x 272 544 x 258 x 220

All dimensions: Length x Width x Height (mm)

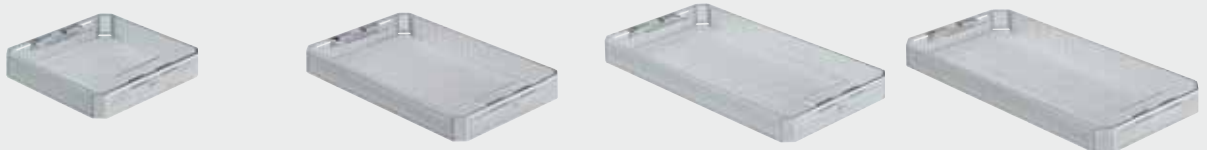








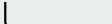
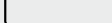
Basket **with** feet



		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.
 36	JF111R	243 x 253 x 36 241 x 251 x 22	JF251R	406 x 253 x 36 404 x 251 x 22	JF211R	485 x 253 x 36 483 x 251 x 22	JF221R	540 x 253 x 36 538 x 251 x 22
 56	JF112R	243 x 253 x 56 241 x 251 x 42	JF252R	406 x 253 x 56 404 x 251 x 42	JF212R	485 x 253 x 56 483 x 251 x 42	JF222R	540 x 253 x 56 538 x 251 x 42
 76	JF113R	243 x 253 x 76 241 x 251 x 62	JF253R	406 x 253 x 76 404 x 251 x 62	JF213R	485 x 253 x 76 483 x 251 x 62	JF223R	540 x 253 x 76 538 x 251 x 62
 106	JF114R	243 x 253 x 106 241 x 251 x 92	JF254R	406 x 253 x 106 404 x 251 x 92	JF214R	485 x 253 x 106 483 x 251 x 92	JF224R	540 x 253 x 106 538 x 251 x 92

Basket **without** feet

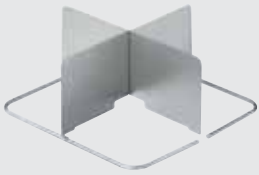


		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.
 24	JG111R	243 x 253 x 24 241 x 251 x 22	JG251R	406 x 253 x 24 404 x 251 x 22	JG211R	485 x 253 x 24 483 x 251 x 22	JG221R	540 x 253 x 24 538 x 251 x 22
 44	JG112R	243 x 253 x 44 241 x 251 x 42	JG252R	406 x 253 x 44 404 x 251 x 42	JG212R	485 x 253 x 44 483 x 251 x 42	JG222R	540 x 253 x 44 538 x 251 x 42
 64	JG113R	243 x 253 x 64 241 x 251 x 62	JG253R	406 x 253 x 64 404 x 251 x 62	JG213R	485 x 253 x 64 483 x 251 x 62	JG223R	540 x 253 x 64 538 x 251 x 62
 94	JG114R	243 x 253 x 94 241 x 251 x 92	JG254R	406 x 253 x 94 404 x 251 x 92	JG214R	485 x 253 x 94 483 x 251 x 92	JG224R	540 x 253 x 94 538 x 251 x 92

All dimensions: Length x Width x Height (mm)

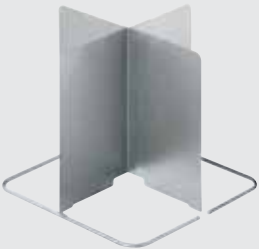


Stenter frames



	Height
JF707R	110

Stenter frame with division the swabs and compresses.



	Height
JF704R	220

Stenter frame with division the swabs and compresses.

Identification labels



JG785B	red
JG786B	blue
JG787B	green
JG788B	gold
JG790B	black
JG792B	olive-brown
JG793B	violet
JG794B	orange

Identification labels with lettering one line (character height 6 mm) or two lines (character height 5 mm), up to 13 characters per line. Dimensions: 56 x 18 mm for all Standard containers except JK299, JK309 and JK339

Note: Process aluminum identification labels with pH-neutral cleaning agent.



JG785U	red
JG786U	blue
JG787U	green
JG788U	gold
JG790U	black
JG792U	olive-brown
JG793U	violet
JG794U	orange

Identification labels without lettering

Specifications as above

Note: Process aluminum identification labels with pH-neutral cleaning agent.



Reusable filters



JK090

Outside dim.

Ø 190

Aesculap reusable filter, round for use in up to 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 10



JK089

Outside dim.

225 x 225

Aesculap reusable filter, square for legacy Standard containers, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 10



JK091

Outside dim.

95 x 215

Aesculap reusable filter for Mini and Dental containers **with filter holder JK098**, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2



JK092

Outside dim.

171 x 231

Aesculap reusable filter for Dental containers **without filter holder JK098**, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2

Marking pens



JK086

Marking pen for Aesculap reusable filters

Order unit (PAK): Pack of 3

All dimensions: Length x Width x Height (mm)