

O-Box WM Set

Standard - C1243-0001

Deluxe - C1243-0002



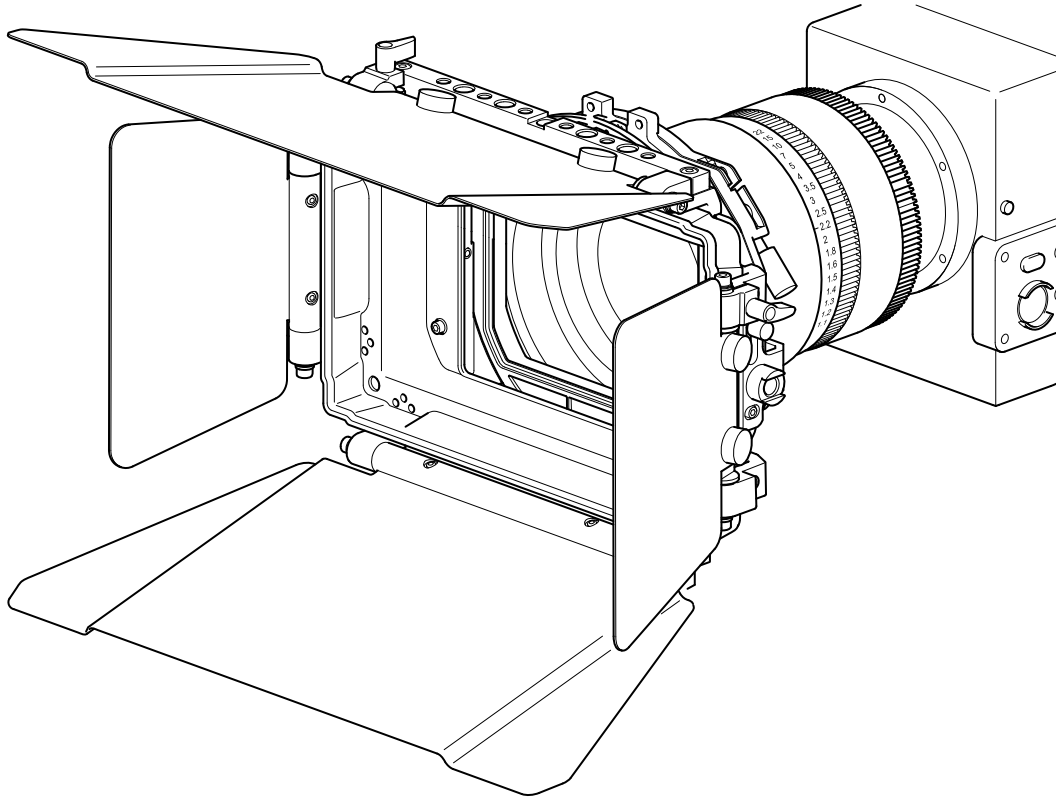
WARNING!

If the sunshade is damaged or torn, DO NOT touch the damaged surfaces. Dispose of safely.

- DO NOT attempt to move the camera by pulling the flags.
- DO NOT lift the O-Box WM by the flags, the flag brackets or the O-Grips.
- DO NOT overload the O-Box WM as a carrying or rigging point.
- Ensure the lock levers on the flag brackets and the 3-system rod bridge are firmly tightened.
- Ensure screws are sufficiently tight when attaching rod brackets or studio adapter brackets.
- NEVER use solvents or oil-based cleaners to clean the O-Box WM. Use mild detergents only. Wipe surfaces with a damp, lint-free cloth.
- ALWAYS use genuine OConnor parts and accessories with the O-Box WM.
- When using the O-Box WM as a clamp-on mattebox and/or handheld mount, DO NOT subject the lens to forces that may damage it.
Particular care should be taken when using still photography lenses intended for autofocus photography.

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The O-Box Wide Mini



Congratulations on the purchase of your new OConnor O-Box WM Set!

We want you to get the most from your new O-Box WM compact mattebox and therefore encourage you to read this user guide to familiarize yourself with its many features, some of which may be new to you. It also covers essential safety information.

Features and benefits of your new O-Box WM

The O-Box Wide Mini, the first mattebox from OConnor, offers a host of innovative features:

- **highly shock-resistant and durable design**
- **large rear clamping interface for lens diameters up to 150 mm**
- **clamp rings featuring collet design for high compressibility with no light leaks**
- **utility bar or “cheese stick” with provisions for attachment of O-Grips and other mounting/rigging hardware such as ringlights, top lights, or monitors**
- **interface to O-Grips 3-system rod bridge to save rod space in studio configurations**
- **easy serviceability**

Special features

The OConnor O-Box WM is a compact, two-stage mattebox designed around the 16:9 wide-angle format. The O-Box WM can be combined with an OConnor Follow Focus, up to six O-Grips and up to three filters, offering highly flexible configurability and many diverse filtering possibilities in a very compact package.

New accessories

OConnor have teamed up with our friends at CINEPARTS to introduce two unique Universal Rings for the O-Box WM range. Based on an exclusive CINEPARTS design endorsed by OConnor, each ring is manufactured from aircraft aluminum and holds a seamless high-tech fabric inner that will flex over a variety of lens diameters. The Universal Rings are supplied in two sizes: 150 to 80 mm, and 114 to 55 mm. These handy new additions can replace multiple hard reduction rings and are perfect for today's versatile shooter working with a range of lenses.

Specifications

O-Box WM Set (C1243-0001) / O-Box WM Deluxe Set (C1243-0002)

O-Box WM

Weight (incl. top flag bracket, LWS rod bracket)	0.7 kg (1.54 lbs)
Dimensions (HWD)	210 x 242 x 84 mm (8.3 x 9.5 x 3.3 in.)
Height, incl. bottom flag bracket.	211 x 242 x 84 mm (8.3 x 9.5 x 3.3 in.)
Width, incl. side flag brackets.	210 x 300 x 84 mm (8.3 x 11.8 x 3.3 in.)
Depth, incl. bellows ring	210 x 242 x 106 mm (8.3 x 9.5 x 4.2 in.)
Maximum lens diameter.	Ø150 mm (Ø5.9 in.)

Top or bottom flag

Dimensions (width at widest point)	166 x 337 mm (6.5 x 13.3 in.)
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Filter frames (sets of 2)

to hold square filters	4 x 4 in.
to hold rectangular filters	4 x 5.65 in.
Overall dimensions (per frame)	151 x 145 mm (6 x 5.7 in.)

LWS rod bracket

for standard camera rods.	Ø15 mm (0.6 in.)
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Specifications are subject to change without notice

O-Box WM Deluxe Set (C1243-0002) Only

Side flags (set of 2)

Dimensions (width at widest point) 115 x 172 mm (4.5 x 6.7 in.)

Side flag brackets (set of 2)

Dimensions (HWD) 105 x 57 x 36 mm (4.1 x 2.2 x 1.4 in.)

Bellows ring (Donut)

Dimensions (width at widest point) 115 x 172 mm (4.5 x 6.7 in.)

Maximum lens diameter Ø114 mm (Ø4.4 in.)

Reduction ring

Maximum lens diameter Ø110 mm (Ø4.3 in.)

Universal rings (set of 2)

(150 - 80 mm)

Outer diameter Ø150 mm (Ø5.9 in.)

Minimum lens diameter Ø80 mm (Ø3.1 in.)

(114 - 55 mm - threaded)

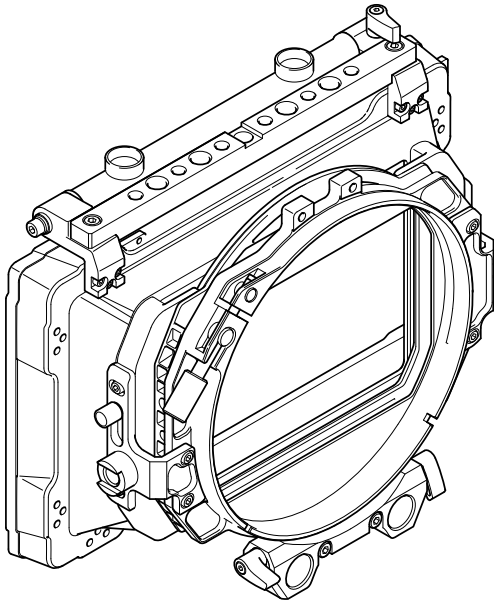
Outer diameter Ø114 mm (Ø4.4 in.)

Minimum lens diameter Ø55 mm (Ø1.9 in.)

Specifications are subject to change without notice

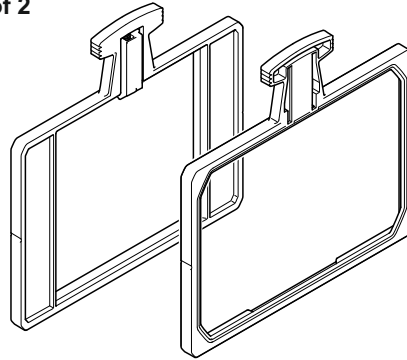
In the box - standard set

O-Box WM Set
C1243-0001



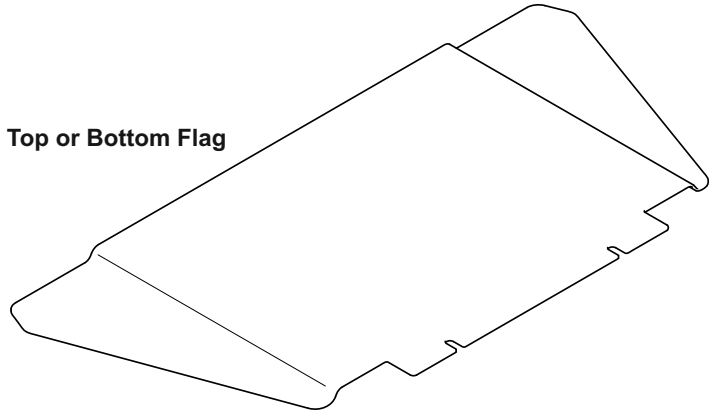
O-Box Wide Mini

Filter Frames 4"x 4"
Set of 2



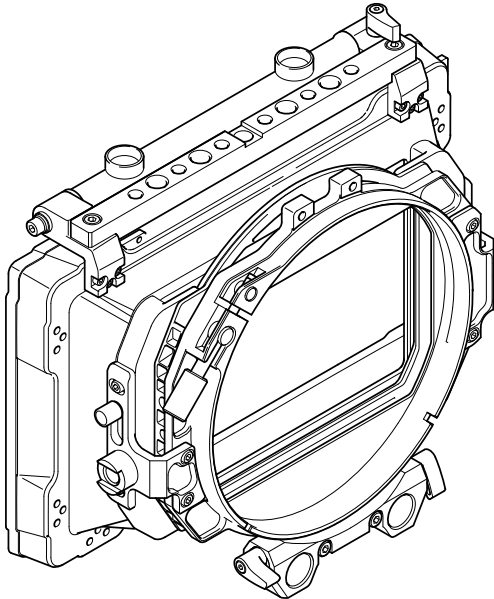
Filter Frames 4"x 5.65"
Set of 2

Top or Bottom Flag



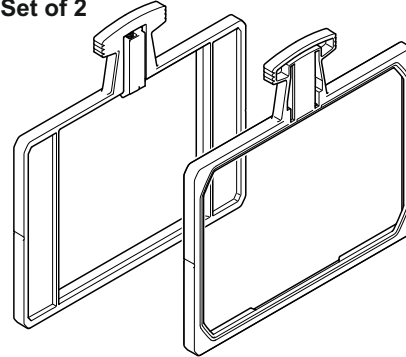
In the box - deluxe set

O-Box WM Deluxe Set C1243-0002



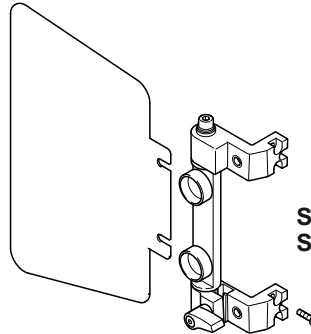
O-Box Wide Mini

Filter Frames 4"x 4" Set of 2



Filter Frames 4"x 5.65" Set of 2

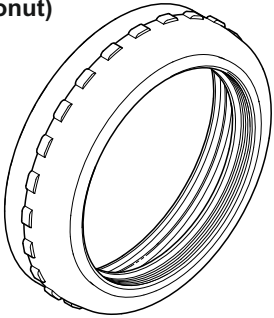
Side Flags (Wings) Set of 2



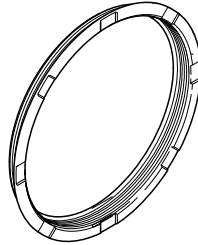
Side Flag Brackets Set of 2

In the box - deluxe set

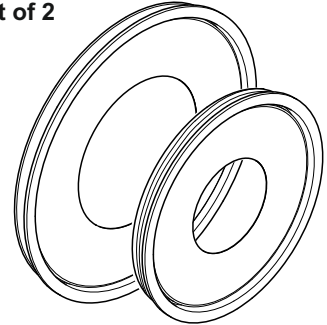
**Bellows Ring
(Donut)**



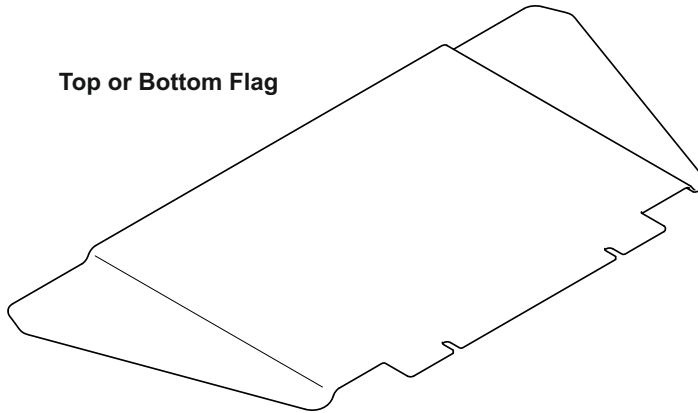
**Reduction Ring
(114 to 110 mm)**



**Universal Rings
Set of 2**

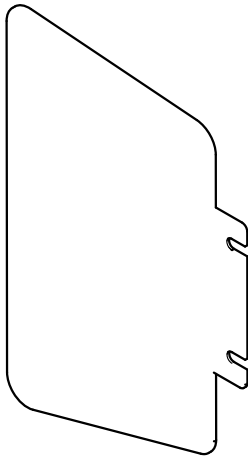
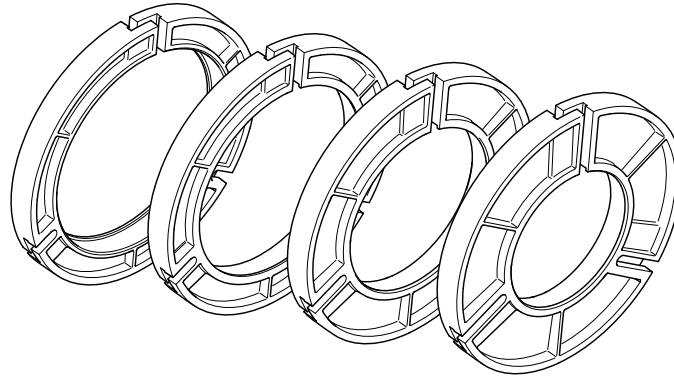


Top or Bottom Flag

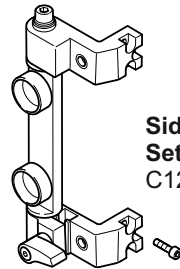


Clamp Rings

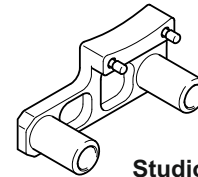
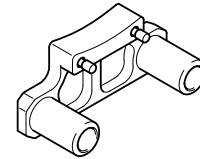
C1243-1123
C1243-1124
C1243-1125
C1243-1126



Side Flags (Wings)
Set of 2
C1243-1122



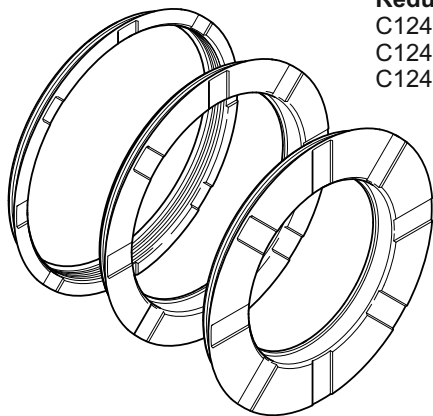
Side Flag Brackets
Set of 2
C1243-1121



Studio Adapters
C1243-1118 (19 mm)
C1243-1119 (15 mm)
(for use with rod bridge)

Part no.	Clamp Ring size (for standard lenses)
C1243-1123	150 to 114 mm
C1243-1124	150 to 110 mm
C1243-1125	150 to 95 mm
C1243-1126	150 to 80 mm

Accessories

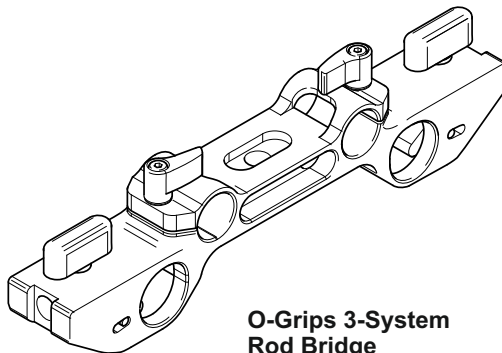


Reduction Rings

C1243-2171

C1243-2172

C1243-2173



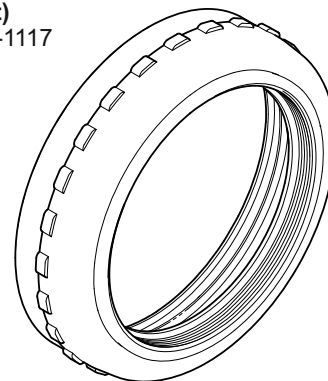
O-Grips 3-System Rod Bridge

C1244-1002

Bellows Ring

(Donut)

C1243-1117



Part no.	Reduction Ring size (for use with bellows ring)
C1243-2171	114 to 110 mm
C1243-2172	114 to 95 mm
C1243-2173	114 to 80 mm

Matching OConnor accessories:

Cine Follow Focus CFF-1 Set

C1241-0001

O-Grips Handgrip System

C1244-1001 (single module)

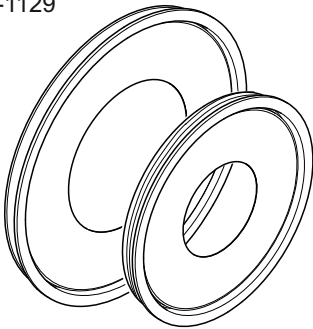
Bottom Flag Bracket Set

C1243-1127 (flag req.)

Universal Rings

C1243-1128

C1243-1129

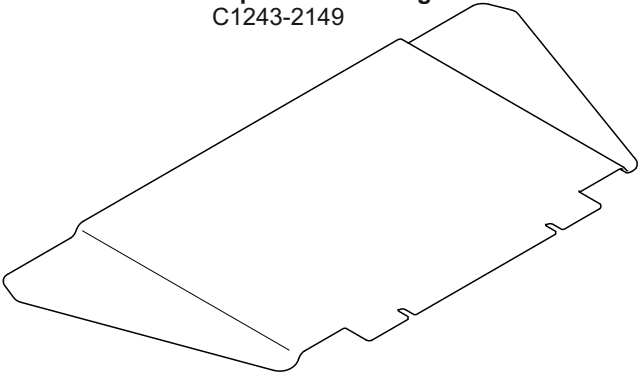


Part no.	Universal Ring size (for standard lenses)
C1243-1128	150 to 80 mm

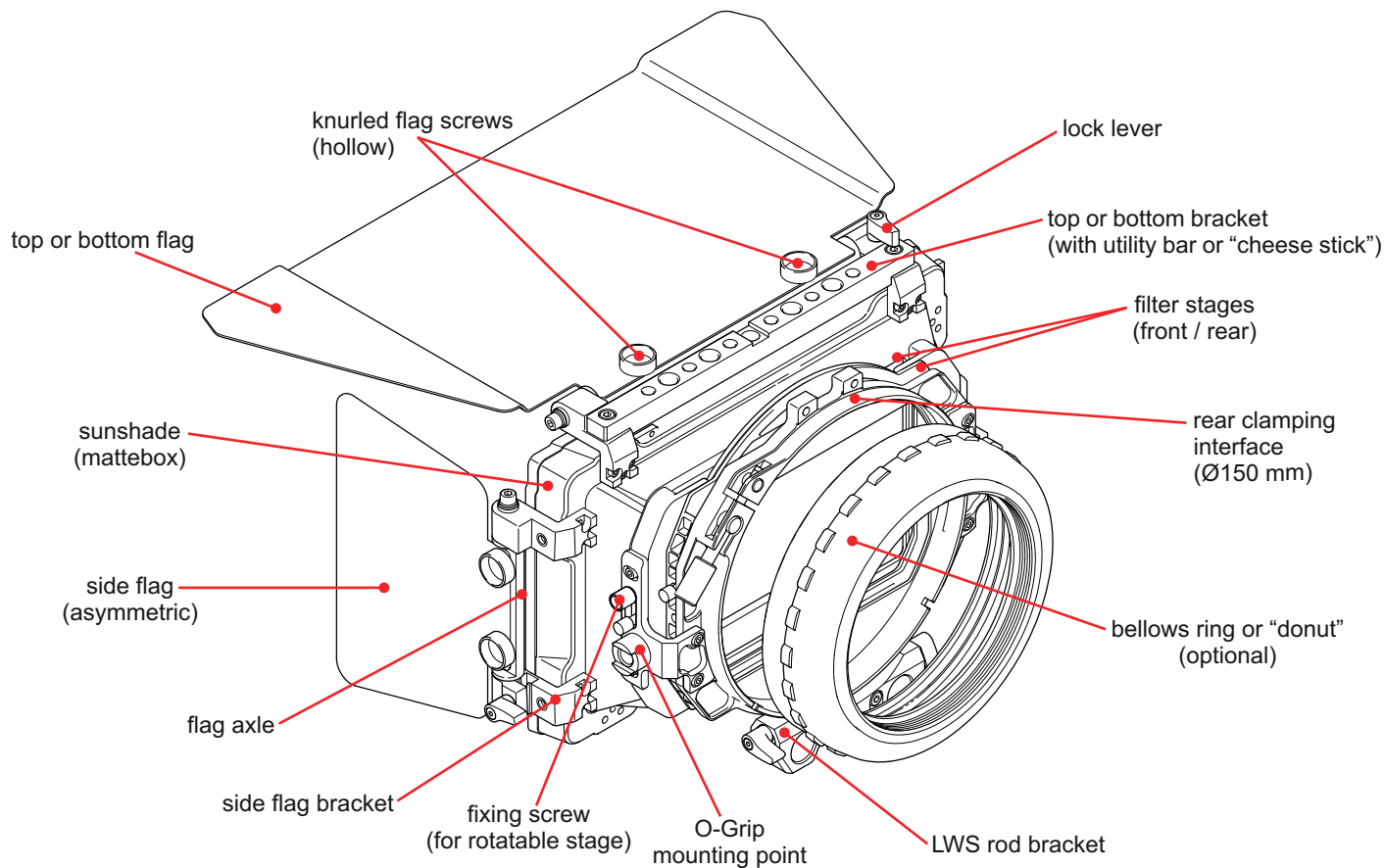
Part no.	Universal Ring size (for use with bellows ring)
C1243-1129	114 to 55 mm

Top or Bottom Flag

C1243-2149

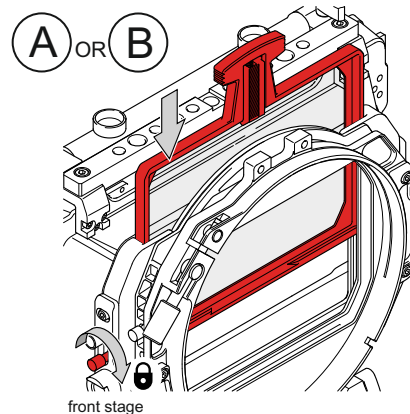
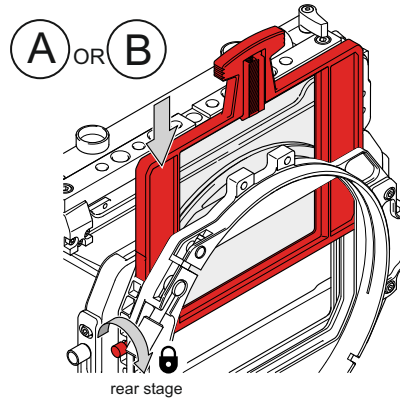
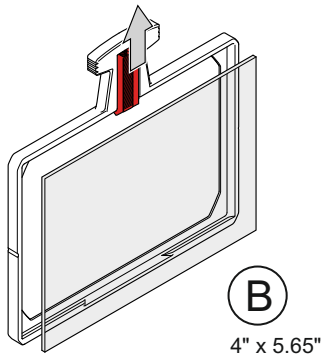
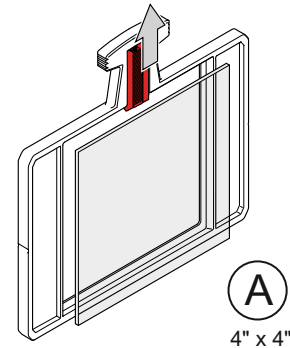


Components



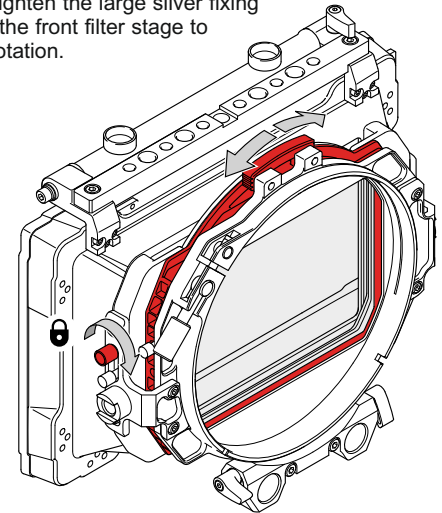
Assembly – assembling the filter frames

- 1** Push up the filter spring. Align the filter in the frame, then release the spring to fix the filter in place.

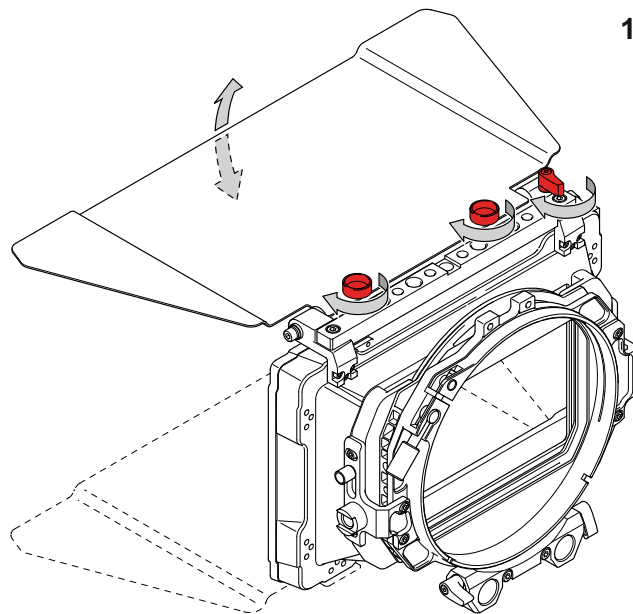


- 2** Slide the assembled filter frame into the filter stage. Two filter stages are available between the sunshade and the rear clamping interface: one fixed and one rotatable stage. Slowly push the filter frame down, until it audibly 'clicks' into place. If you can feel mechanical resistance, slacken the red fixing screw a few turns (see step 3).

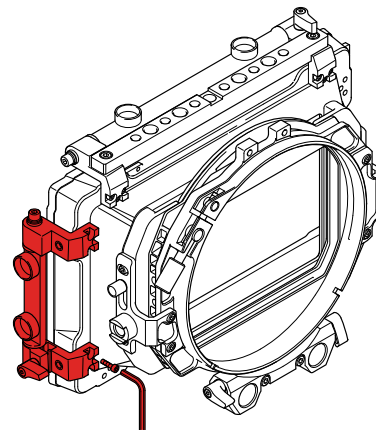
- 3** Turn the red fixing screw on the filter stage clockwise to secure the filter frame in position. The rear filter frame can be rotated 360°. Push the head of the filter frame to the left or right. Tighten the large silver fixing screw on the front filter stage to lock the rotation.



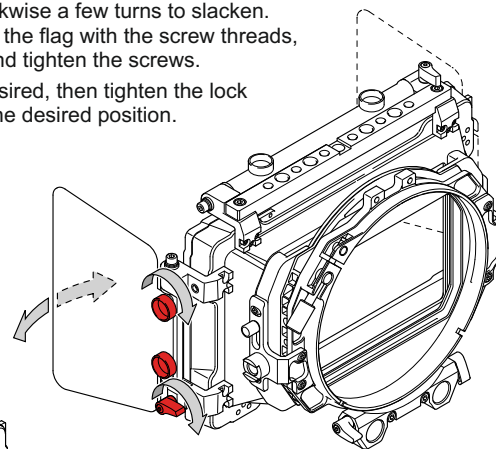
assembling the flags



- 2** A set of two side flags and two flag brackets are available as optional accessories. Attach a flag bracket on either side of the sunshade; use a 2 mm Allen or hex key and secure the bracket with the six screws and two rectangular nuts supplied.

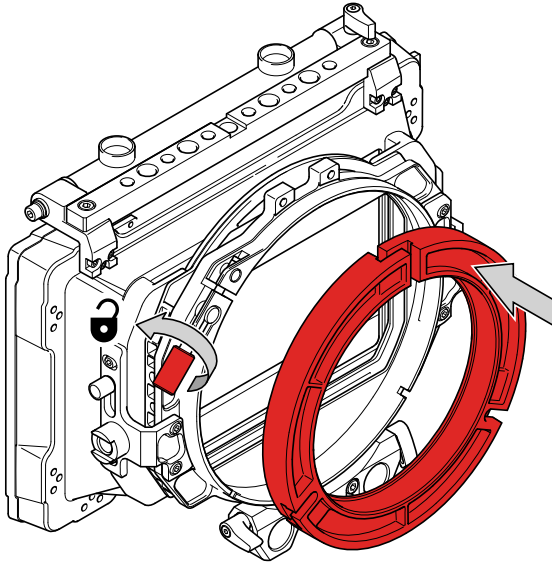


- 1** If required, turn the lock lever anti-clockwise to unlock the flag axle. Adjust the axle so the hollow knurled screws point upward. Turn the knurled screws anti-clockwise a few turns to slacken. Align the cutouts at the bottom of the flag with the screw threads, then push the flag into position and tighten the screws. Adjust the angle of the flag as desired, then tighten the lock lever clockwise to fix the flag in the desired position.



- 3** Repeat the steps outlined above for the bottom/top flag also for the side flags (see step 1). Adjust each flag's position as desired, then tighten the lock lever firmly to fix in position.

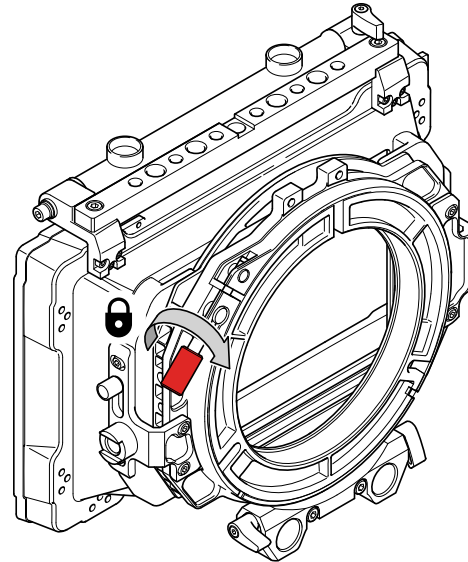
assembling the clamp ring



- 1 Choose a clamp ring to suit your camera lens. Turn the knurled screw anti-clockwise to widen the rear clamping interface. The clamp ring uses a collet design making it easier to compress. Squeeze the ring adapter slightly, then carefully fit it into the clamping interface.

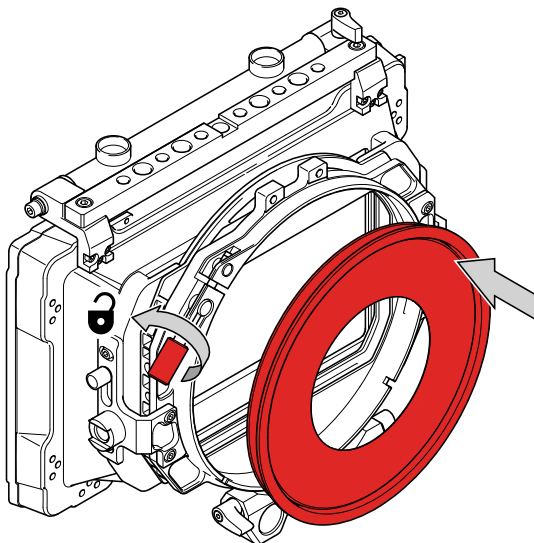
Use the clamp ring to mount the O-Box directly onto the camera lens. This type of setup is used when carrying the camera on the shoulder or when mounting it without camera rods. Four standard-size clamp rings are available (see page 8).

For more information about lens diameters visit OConnor Labs online at the OConnor website (see OConnor > Labs > 'Lens Diameters').



- 2 Fit the clamp ring over the camera lens. Turn the knurled screw clockwise to secure the clamp ring to the lens ensuring that it is firmly attached and that the mattebox cannot slip.

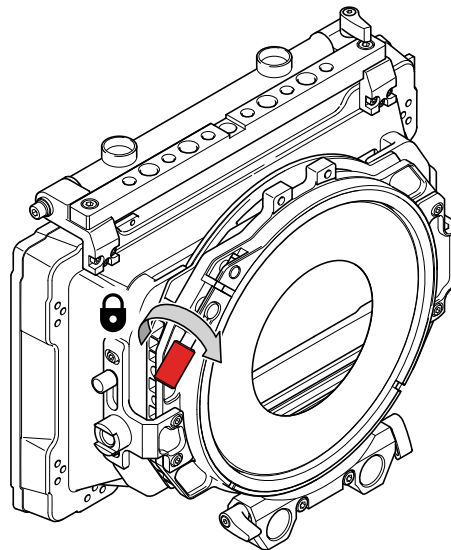
assembling the universal ring



- 1 Turn the knurled screw anti-clockwise to widen the rear clamping interface. Carefully fit the universal ring into the clamping interface.

Use the universal ring to mount the O-Box directly onto the camera lens. This type of setup is used when the LWS rod bracket is mounted to the mattebox.

For more information about lens diameters visit OConnor Labs online at the OConnor website (see OConnor > Labs > 'Lens Diameters').

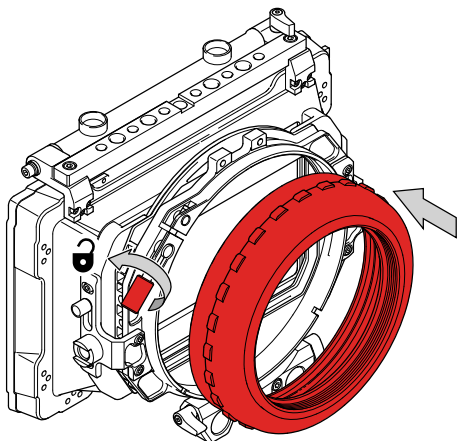


- 2 Turn the knurled screw clockwise to secure the universal ring to the clamping interface. Finally, using the LWS rod bracket mount the assembled mattebox on the camera rods and push until it engages with the camera lens.

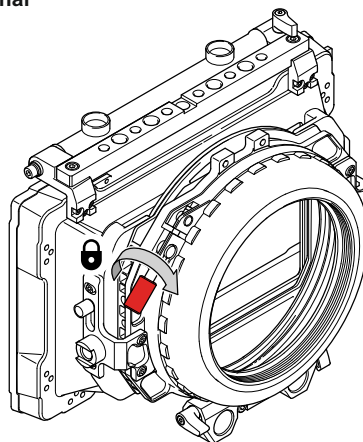
assembling the bellows ring (donut)

The O-Box WM can be fitted with an optional bellows ring or “donut” and a reduction ring or universal ring for use with camera lenses with smaller lens diameters (see page 12 and 13). The donut can accommodate an optional rotatable round filter (Ø138 mm).

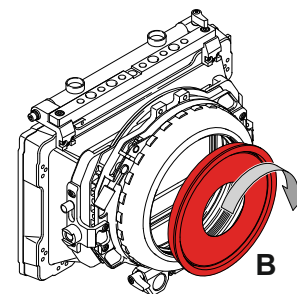
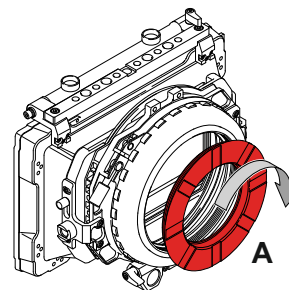
This configuration is suitable for camera rods.



- 1 Slacken the large knurled screw on the rear clamping interface a few turns to widen the clamping ring. If a round filter is used, unscrew the retaining ring at the front of the donut, insert the filter in the ring groove, then reassemble the donut.



- 2 Insert the front of the donut into the clamping interface and push in as far as the tooth profile. Turn the knurled screw clockwise, until it firmly holds the donut in the interface.



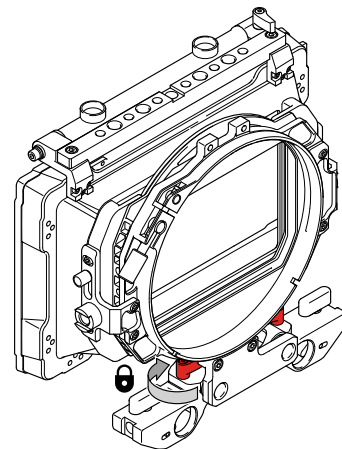
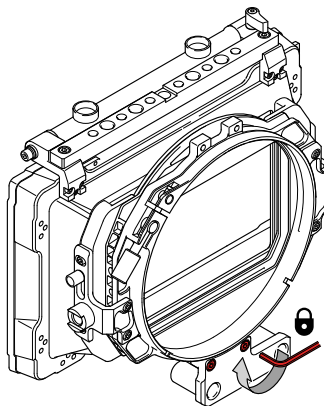
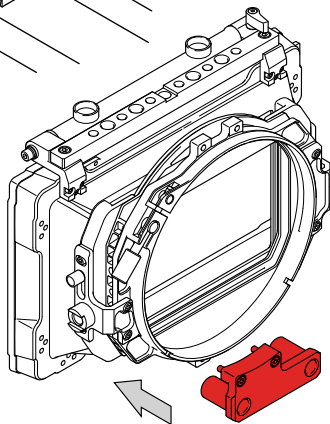
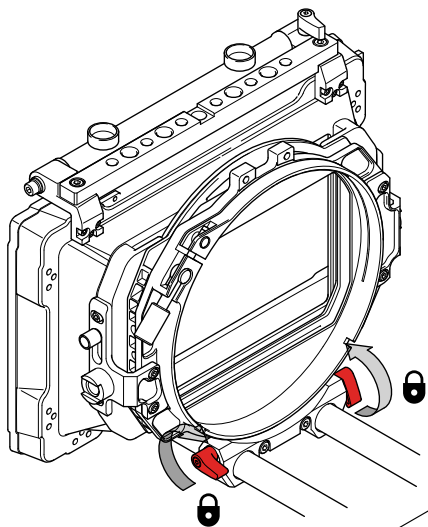
- 3 Insert either the reduction ring [A] or the universal ring [B] into the donut thread, then turn clockwise to fix in position. Finally, using the LWS rod bracket mount the assembled mattebox on the camera rods and push until it engages with the camera lens.

mounting onto camera rods

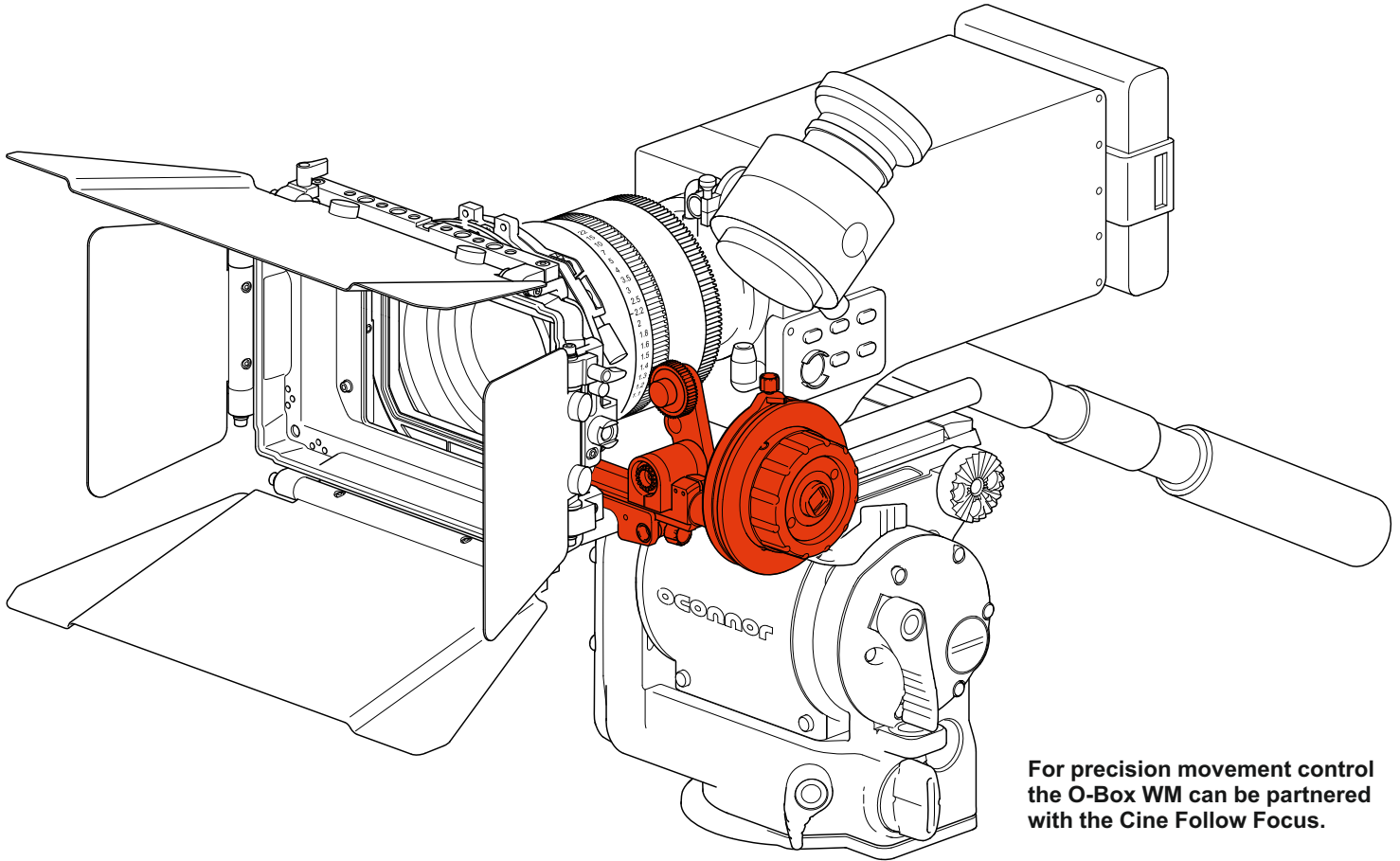
The O-Box WM can be fitted with a 15 mm or 19 mm studio adapter and a 3-system (O-Grips) rod bridge to suit standard camera rods (see page 9) supporting lightweight to heavy accessory loads. Turning the lock levers clockwise secures the mattebox on the rods. For more information about rod adapters visit OConnor Labs online at the OConnor website (see OConnor > Labs > 'Rod Standards Explained').

- 1** Remove the LWS bracket (see page 19). Align the studio adapter and—using a 3 mm Allen or hex key—tighten the two cap head screws to secure the adapter.

- 2** Mount the 3-system rod bridge. Align the bridge mounting holes with the adapter rods, then push the bridge forward onto the rods. Turn the lock levers clockwise, tighten firmly to secure the bridge in position.

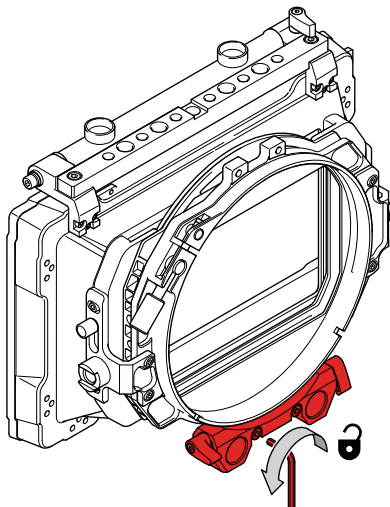


Cine Follow Focus

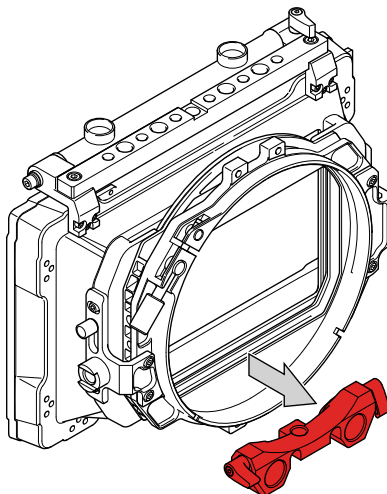


For precision movement control the O-Box WM can be partnered with the Cine Follow Focus.

adjusting the LWS rod bracket

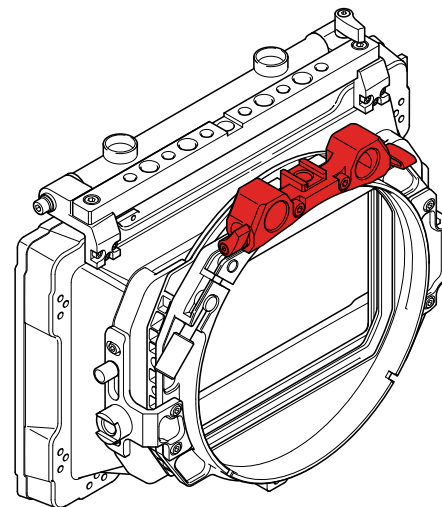


- 1 The O-Box WM comes with an LWS rod bracket attached. Mount the O-Box WM onto camera rods above the camera using a 3 mm Allen or hex key to unscrew the two screws holding the LWS rod bracket and remove the bracket.



- 2 Attach the LWS rod bracket at the top of the rear clamping interface. Use the two screws to secure the bracket in place.

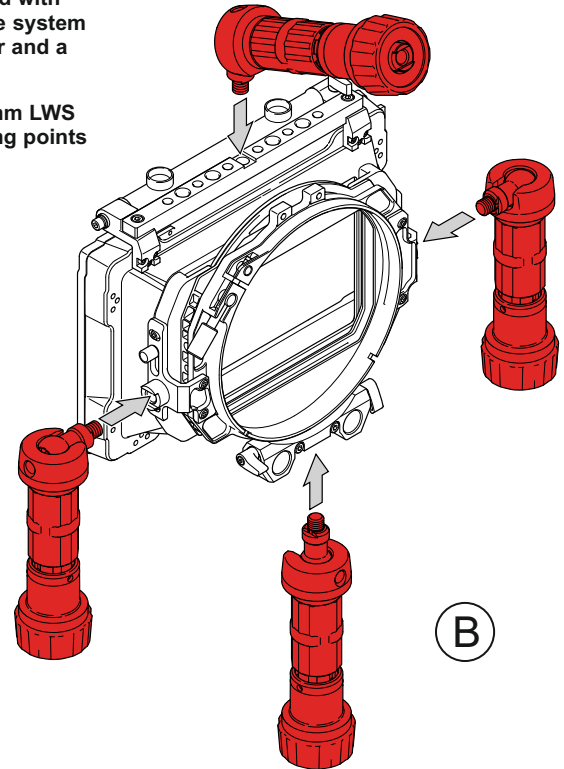
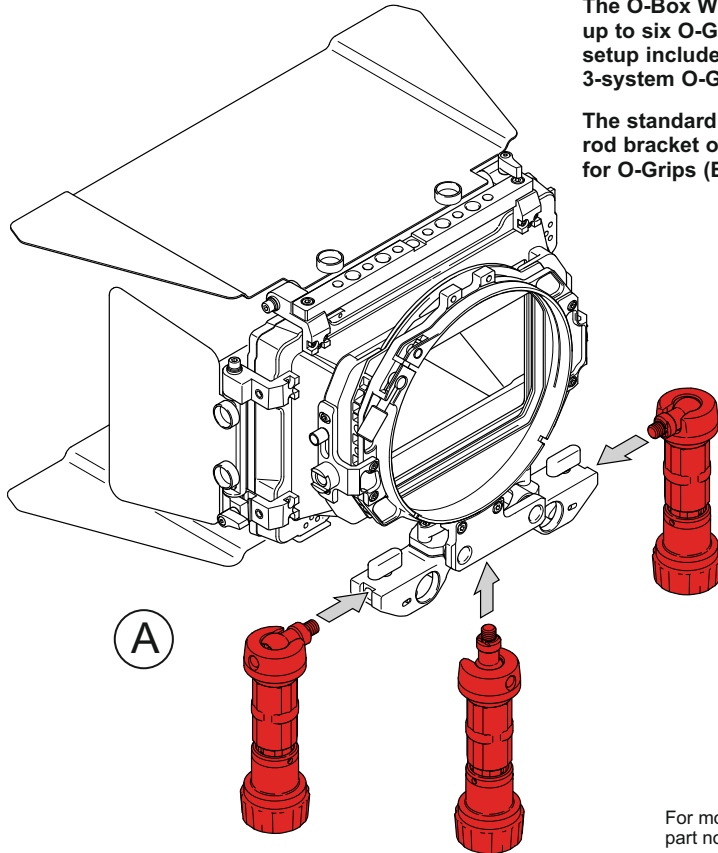
The O-Box WM mattebox can be attached to a camera fitted with an OConnor Follow Focus with the camera rods mounted above or below the camera lens. The complete O-Box WM mattebox assembly, including a suitable lens adapter, is then mounted flush on camera rods using the 15 mm LWS rod bracket.



O-Grips Handgrip System

The O-Box WM can be equipped with up to six O-Grips (A), where the system setup includes a studio adapter and a 3-system O-Grips rod bridge.

The standard setup with a 15 mm LWS rod bracket offers four mounting points for O-Grips (B).



For more information consult the OConnor O-Grips Handgrip System User Guide (publication part no. C1244-4980) supplied with the product or visit the OConnor website (see page 19).

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