

Bellows Attachment CASTBAL T/S

N70
1948 > 2018
NOVOFLEX

CASTBAL T/S | Universal Bellows Tilt/Shift | Camera Adapter
| Lens Adapter
| Lens Heads



PRODUCT INFORMATION

The Tilt/Shift-bellows attachment CASTBAL-T/S is complementing NOVOFLEX' macro accessory range, and offers an easy and inexpensive way to dive even deeper into macro photography.

By combining the advantages of bellows extension and the focusing rack, CASTBAL T/S forms a full fledged Tilt-Shift bellows unit within seconds.

The front standard is simply clamped with the quick-release mount of the focusing rack and the rear standard just snaps on the racks guide rail. The front standard can be tilted by 25° to the left and right and shifted within the quick-release mount of the focusing rack. Thanks to the extensive adapter system almost any camera-/lens combination is possible.

For purposes where focusing to infinity is required, NOVOFLEX offers a special lens head made by SCHNEIDER KREUZNACH (Apo DIGITAR 4.5/90mm), which is optimized for digital sensors. The lens head comes preassembled on the necessary lens board. Using this lens head, magnification factors up to 1.8x life size are possible with any 35mm camera.

The perfect start is the CASTBAL T/S 90 Set consisting of the bellows attachment CASTBAL T/S, the focusing rack CASTEL-Q and the 90mm Schneider lens head. The necessary camera adapter needs to be added depending on the camera used. The individual components are also sold separately.

TECHNICAL SPECIFICATIONS

Order Code: | CASTBAL-TS90
Weight: | 1160 g (w/o camera adapter)
Minimum extension: | 25mm
Maximum extension: | 120mm
Tripod connection: | 1/4"-20 and 3/8"-16 and Q-System

Order Code: | CASTBAL T/S
Bellows attachment for CASTEL-Q
Weight: | 410 g (0.9 lbs)
Minimum extension: | 25mm (0.98")
Maximum extension: | 120mm (4.7")

WITH COMPLIMENTS

NOVOFLEX

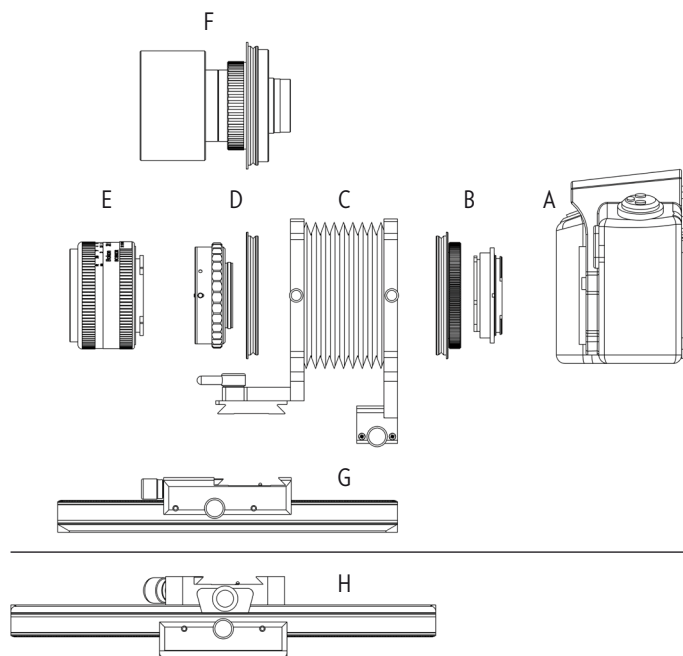
Präzisionstechnik GmbH
Brahmsstraße 7, D-87700 Memmingen
Telefon +49 8331 88 888
Fax +49 8331 47174
mail@novoflex.de, www.novoflex.de

Technical specifications subject to change without notice / Current as of September 2018 / AD

Bellows Attachment CASTBAL T/S

CASTBAL T/S System:

- A camera
- B camera adapter (35mm- and APS-C SLR- and mirrorless cameras=2 adapters, mediumformat cameras=1 adapter)
- C bellows attachment CASTBAL T/S
- D lens adapter (depending on the lens 1 or 2 adapters in combination)
- E camera lens
- F lens head Schneider Kreuznach Apo-Digitar 4,5/90 (can be used instead of D+E)
- G focusing rack CASTEL-Q (necessary to set up the bellows, G + C form a unit)
- H optional focusing rack CASTEL-Q/L/XQ II (to move the entire bellows unit)



Camera (A)

Canon EOS*
 Canon EOS M
 Canon EOS R
 Four Thirds
 Fuji X
 Hasselblad V
 Leica M
 Leica R
 Leica S
 Leica L
 Mamiya 645
 Micro Four Thirds*
 Nikon F
 Nikon Z
 Pentax K/Sigma
 Pentax 645
 Sony Alpha/Minolta AF
 Sony NEX/E-Mount

CASTBAL T/S Adapter (B)

| CANA-AF and AUNI
 | EOSM/A and AUNI
 | EOSRA and AUNI
 | OMA-DIGI and AUNI
 | FUXA-K and AUNI
 | HAUNI
 | LEMA-K and AUNI
 | LEA-R and AUNI
 | LESUNI
 | LETA and AUNI
 | MAMUNI
 | MFTA-K and AUNI
 | NIKA and AUNI
 | NIKZA and AUNI
 | PENTA and AUNI
 | TAXUNI
 | MINA-AF and AUNI
 | NEXA-K and AUNI

Lenses with aperture control (E)

Canon EOS*
 Canon FD
 Contax/Yashica
 C-Mount
 Copal-0 recessed
 Hasselblad V
 Leica M39
 Leica R
 Leica M
 M42x1
 Microscope-Lenses
 Minolta MD/MC
 Nikon G**
 Olympus OM
 Pentax K
 Sony Alpha/Minolta AF**

CASTBAL T/S Adapter (D)

| *
 | UNILEI and LEICAN
 | UNILEI and LEICONT
 | UNILEI and LEICE
 | UNICOPAL-0
 | UNIHA
 | UNILEI
 | UNILEI and LEI-F
 | UNILEI and LEI-M
 | UNILEI and LEICO
 | UNILEI and LEIMIK
 | UNILEI and LEIMIN
 | UNILEI and LEINIK NT
 | UNILEI and LEIOM
 | UNILEI and LEIPENT
 | UNILEI and LEIMIN-AF NT

* The following adapter combination converts the CASTBAL T/S into a full-fledged Canon EOS-automatic bellows:

| EOS-RETRO | RETRO/UNI | UNI/RETRO

* Sony E-Mount automatic bellows:

| NEX-RETRO | RETRO/UNI | UNI/RETRO

* MFT automatic bellows

| MFT-RETRO | RETRO/UNI | UNI/RETRO

** adapter with stop-down function

NOVOFLEX offers a special lens head (APO DIGITAR) by Schneider Kreuznach for the CASTBAL T/S bellows attachment which is optimized for digital cameras. The lens head comes preassembled on the necessary lens board.

SCHNEIDER Apo-Digitar 4,5/90 mm (F)

Order Code: | UNI-APO-DIGI 90

Function of a bellows device in general:

1. Stepless extension = distance between sensor/film plane and lens (= image distance); thus format-filling photographing of smaller objects possible.
2. With the Schneider Kreuznach lens Apo Digitar 4.5/90 stepless adjustment from infinity to 1.8:1 with 35mm camera.
3. Telephoto lenses focus much closer than their near focusing range (without bellows); thereby tele-perspective in the close-up range and above all long working distance (no disturbance of the object, space for additional lighting).
4. With standard- and especially wide-angle lenses (from the camera range) enlarged images = macro shooting; over 1:1 to about 7:1
5. On the tripod: a separate focusing rack (CASTEL series) is used to focus without changing the bellows extension (= frame size) or the tripod; i.e. the Sharpness zone can be adjusted, while the magnification remains constant.