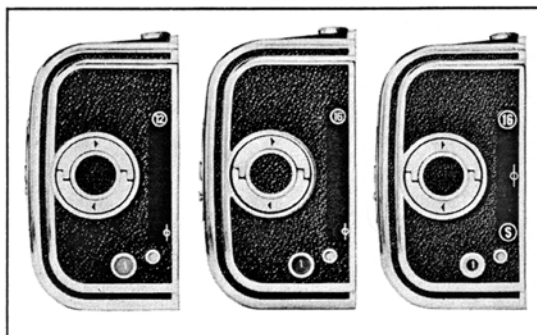


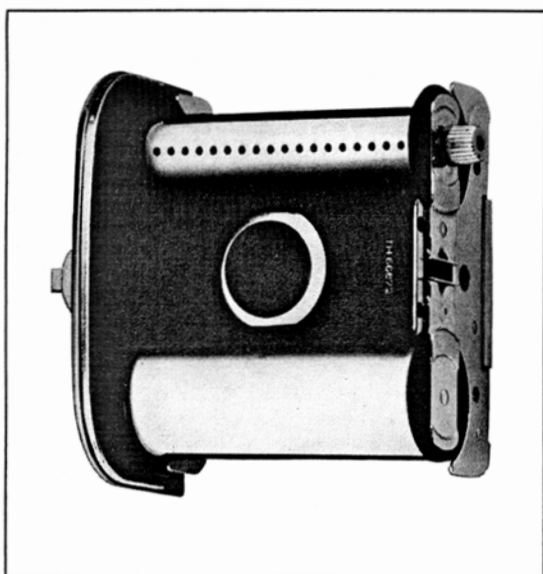
H A S S E L B L A D



220 film

Instructions
Gebrauchsanweisung

Mode d'emploi
Bruksanvisning



The new 220 film has no protective backing paper and, therefore, no light must be allowed to leak in through the film window which must be made light-tight. The manufacturer has therefore made a light-tight plug which is fitted onto the film window, from inside the magazine, with the number "220" facing outwards. The magazine can also be sealed against light by affixing black tape across the film window. Like 120 film, the 220 film has an arrow going across the first paper section. But 220 film has no numbering system. It has, however, a dotted line, about 6" before the crosswise arrow and this dotted line is very important in connection with loading this film in the Hasselblad magazine.

To obtain the best possible results in spacing between the negative frames, the manufacturer has prepared three sets of instructions for the three variations in construction of the Hasselblad Magazine 12 now on the market.

MAGAZINE 12:

Magazine Construction 1 Nos. 001—19,999
Magazine Construction 2 Nos. 20,000—64,399
Magazine Construction 3 Nos. 64,400—

LOADING INSTRUCTIONS

Magazine Construction 1

- Thread the film in the usual manner onto the Hasselblad spool-holder. *The protecting paper is drawn forward so that the dotted line comes to the center of the receiving spool, (see photo).*
- After the spool-holder is inserted in the magazine, set the exposure-counter window at 1.
- Wind the film forwards 7 complete turns (14 half-turns).
- Expose 12 frames (no stop).
- Reset the exposure-counter window to 1.
- Expose another 12 frames (no stop).

Magazine Construction 2

- Thread the film in the usual manner onto the Hasselblad spool-holder. *The protecting paper is drawn forward so that the dotted line comes to the center of the receiving spool, see photo).*
- After the spool-holder is inserted in the magazine, set the exposure counter window at 1.
- Wind the film forwards 10 complete turns (20 half-turns), or until the frame-number 8 begins to appear in the mechanism of the exposure-counter window.
- Reset the exposure-counter window to 1.
- Expose 12 frames (until stop).
- Reset the exposure-counter window to 1.
- Expose another 12 frames (until stop).

Magazine Construction 3

- Thread the film in the usual manner onto the Hasselblad spool-holder. *The protecting paper is drawn forward so that the dotted line comes to the center of the receiving spool, (see photo).*
- After the spool-holder is inserted in the magazine, set the exposure-counter window at 1.
- Wind the film forward 9 complete turns (18 half-turns), or until frame-number 7 appears in the mechanism of the exposure-counter window.
- Reset the exposure-counter window to 1.
- Expose 12 frames (until stop).
- Reset the exposure-counter window to 1.
- Expose another 12 frames (until stop).

Loading in accordance with the above gives relatively good spacing results throughout. In the older magazines, that is Construction 1 and also Construction 2, it must be expected that certain frames, especially in the film-section 8—12, can overlap by a few millimeters. But spacing is better in the newest magazine, Construction 3.

Regarding the loading of Magazine 16 and 16S which have manufacturing numbers below 204,200, these should be loaded in accordance with the instructions according to Magazine Construction 2; from manufacturing number 204,200 and above, according to Magazine Construction 3. In both cases, the resetting of the exposure-counter window is to be done after 16 exposures have been made.