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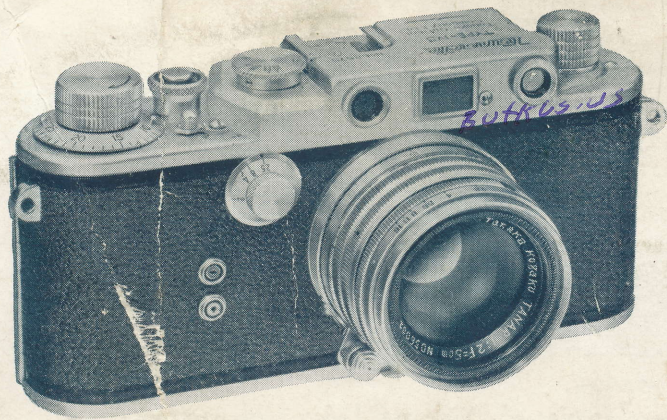
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# ***Tanach***

## ***TYPE IV S***

## ***WITH "Tanar" LENS***

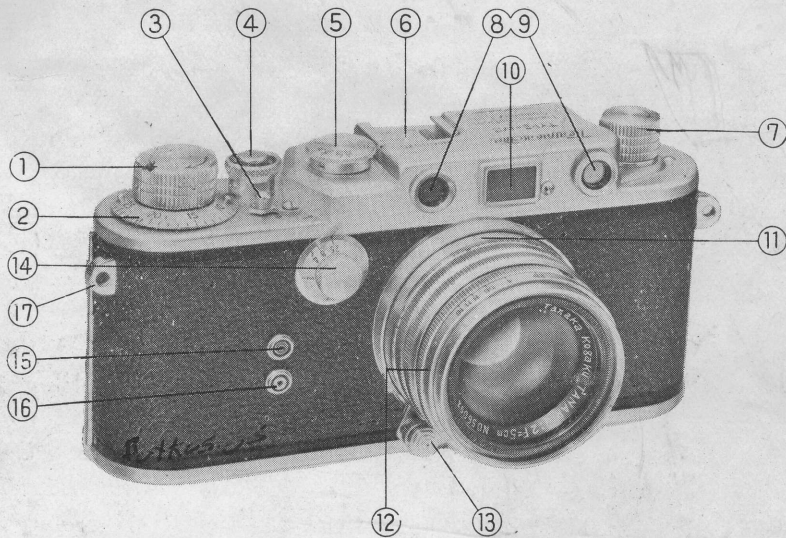


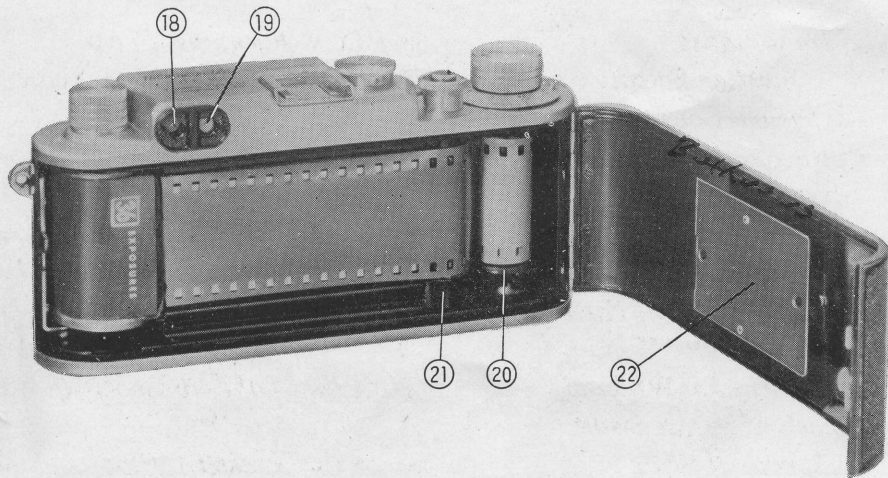
## ***DIRECTION FOR USING***

# ***TANAKA OPTICAL CO., LTD.***

## T a n a c k   I V   S

Lens	Tanar	F 2	$f=50\text{mm}$	hard coated
		F 2.8	"	"
		F 3.5	"	"
		Leica mount screw. Straight form helicoid.		
Body	The opening and closing back. All dicast make. Chrome finishing.			
Shutter	Focal plane. 1, $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{8}$ , $\frac{1}{25}$ , $\times(\frac{1}{30})$ , $\frac{1}{50}$ , $\frac{1}{75}$ , $\frac{1}{100}$ , $\frac{1}{200}$ , $\frac{1}{500}$ , B, T.			
	Built-in flash synchronizer (F. X).			
Range	The serial moving focal adjustment type.			
Finder	The length of the standard line 38mm, magnification of eyepiece 1.5X.			
	You can snap conveniently as the finder view window closes to the range finder window.			
Accessory	You can use accessories of Leica and Leica type cameras.			





## The "Tanack" Camera Outfits

- |   |  |
|---|--|
| ① <i>Film winding</i><br><i>(Shutter Setting) Knob.</i> | ⑬ <i>Lens Focusing Lever</i>                     |
| ② <i>Exposure Counting Dial</i>                         | ⑭ <i>Slow Speed Shutter Dial</i>                 |
| ③ <i>Film Rewinding Lever</i>                           | ⑮ <i>Terminal ( F )</i>                          |
| ④ <i>Shutter Release Button</i>                         | ⑯ <i>Terminal ( X )</i>                          |
| ⑤ <i>High Shutter Speed Dial</i>                        | ⑰ <i>Strap Ring</i>                              |
| ⑥ <i>Accessory Clip</i>                                 | ⑱ <i>Eyepiece for the Range</i><br><i>Finder</i> |
| ⑦ <i>Film Rewinding Knob</i>                            | ⑲ <i>Eyepiece for the View</i><br><i>Finder</i>  |
| ⑧⑨ <i>Range Finder Window</i>                           | ⑳ <i>Film Take-up Spool</i>                      |
| ⑩ <i>View Finder Window</i>                             | ㉑ <i>Sprocket</i>                                |
| ⑪ <i>Depth of Focus Scale</i>                           | ㉒ <i>Film Pressure Plate</i>                     |
| ⑫ <i>Diaphragm Scale</i>                                |  |

## Loading the Film

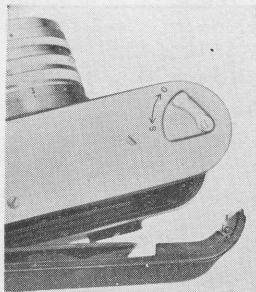


FIG 1

- (1) Push up the lock to O and open the back plate. Pull up the film rewinding knob enough, and insert in it the film cartridge, and after inserting completely, push in the rewinding knob turning into the formal position.
- (2) Take out the one side of the film, clip it in the spool of the other side, and roll up the sprocket gear about one turn, combining with the film perfolation, cl-

ose the back plate.

Moreover, wind the film winding knob about two turns.

The film becomes ready to use. In the end,

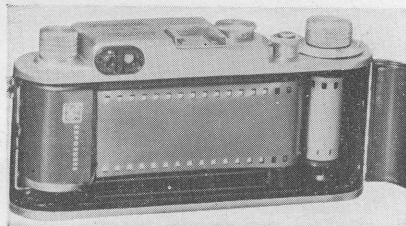


FIG 2

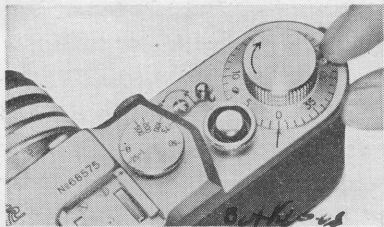


FIG 3

tune the projection on the exposure counting dial to the point of "1".

At the loading of the film, give your attention to the combination of the film perforation and the sprocket gear, otherwise your will not be able to wind the film.

### How to take the picture

- (1) Adjust the diaphragm scale, judging from the situation of the object.
- (2) Pull up the shutter speed dial and set the shutter speed as desired. At this time, *You must adjust the shutter speed after winding the shutter setting (film winding) knob.* This is very important.
- (3) Take off the lens cap.
- (4) Setting your one eye on the center of the eyepiece for the range find-



er, aim at the object in the center of the view finder. Press the top of the lens focusing lever lightly with the second finger of your left hand, and turn it gradually till the double images in the range finder lie one upon another.

At once, set your eye on the eyepiece for the view finder to see the object, the lens is placed in the proper focusing position, and is ready for taking the picture. Then aim at the object through the view finder and gently press the shutter release button. Now the picture is taken. At this time you must set your eye on the center of the eyepiece or you may fail to take the picture.

- (5) When you use the slow shutter, set the high speed shutter dial at the red 25-1 scale and set the slow shutter

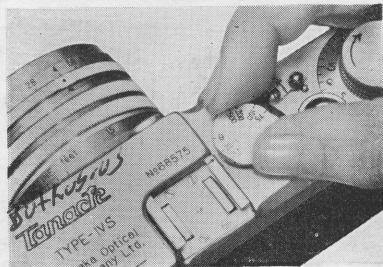


FIG 4

dial at the proper scale.

- (6) When you use Time "T", set the dial at "T", press the shutter release button. When you shut the exposure, turn the slow shutter dial to the direction of the "1".

### **UnLoading the film**

- (1) You can know whether all the frames of the film have been taken over, by the figure of the exposure counting dial and the fact that you can not turn the film winding knob any more. Then, turn the rewinding lever from "A" to "R".
- (2) Pulling out the film rewinding knob, turn it to the direction of the arrow to rewind the film to the film cartridge.
- You can know easily whether the film leader is pulled off by the fact



FIG 5



FIG 6

that the sound of the shutter release button ceases.

Turn it more one turn.

The film rewinding is over.

- (3) Push up the lock to O and open the back plate. Pull out the film rewinding knob to take out the film cartridge.

It is recommended not to handle the film cartridge under direct rays of the sun or strong light.

### **Synchro - Photographing**

- (1) At synchro-photographing, prepare the flash gun, insert its socket in the terminal "F" (above) or "X" (below) exactly.
- (2) You can decide easily the exposure by the guid number of the flash

bulb or the speed light.

- (3) The differences of the "F" point and the "X" point of a contact as below :

*upper*

F point

X point

*lower*

Bulb to Use

F P class

{ F class  
M class  
Speed light

Shutter Speed

above  $\frac{1}{25}$  sec.

below  $\frac{1}{8}$  sec.

"

X ( $\frac{1}{30}$  sec.)



**TANACK *IVS***

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