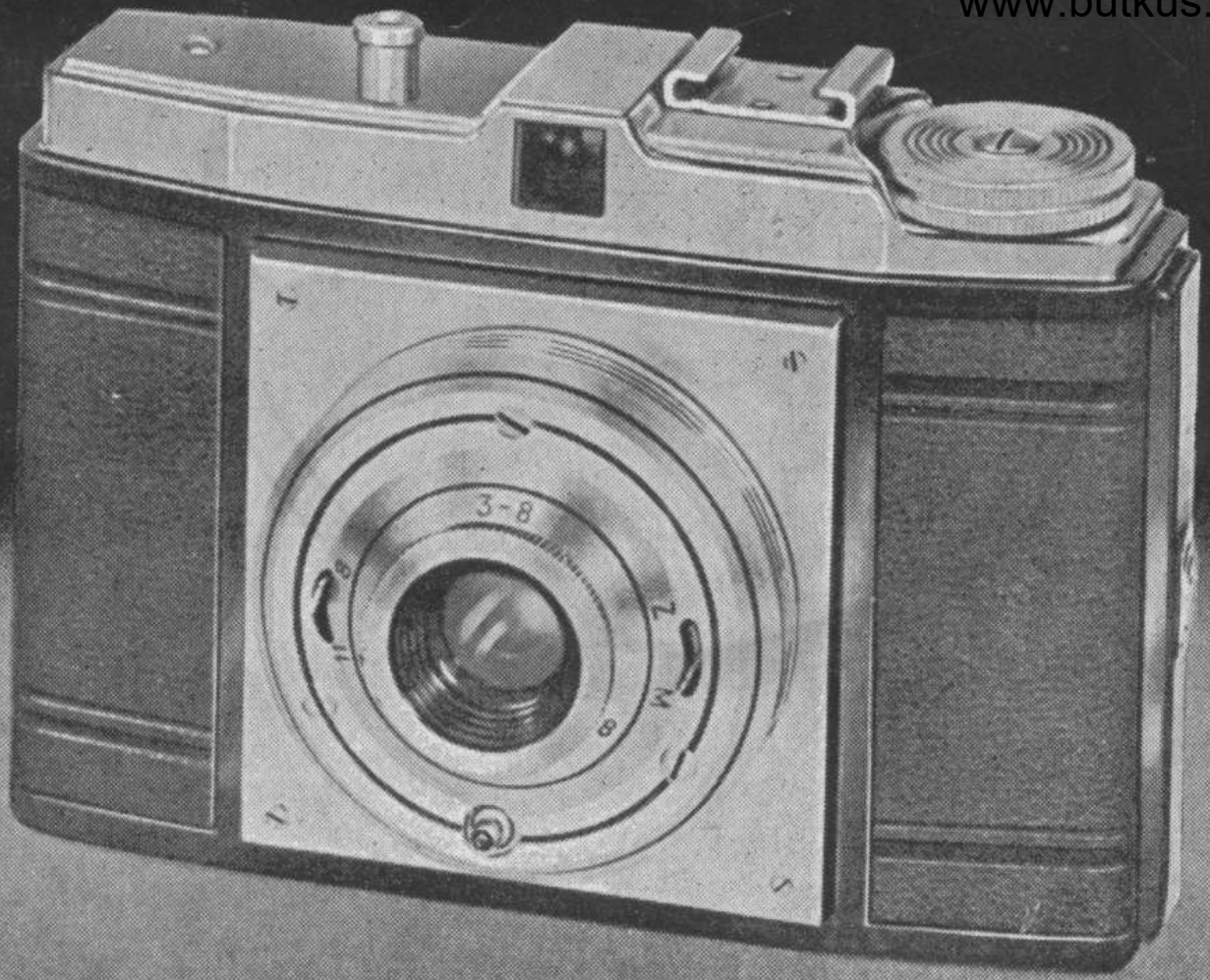
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Digna

Dear Photo amateur!

It was our endeavour to hand you over a camera which is always ready to take pictures. You will take great delight in your well done photos if perusing this leaflet to acquaint you only with the most important technical date and manipulations. So that the DIGNA Camera will become your most reliable companion by giving you a life-time of picture-taking pleasure.

And now we wish you good luck!

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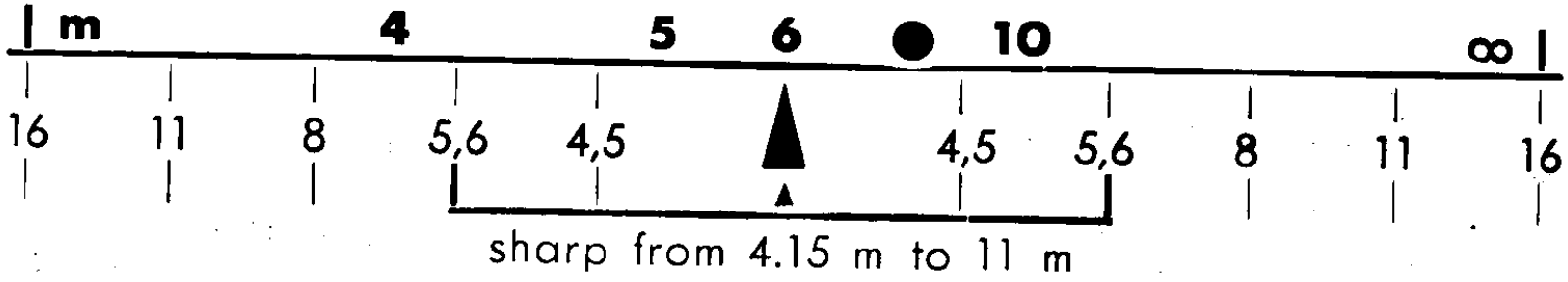
The DIGNA Camera is available in the following executions:

① **DIGNA; optics 1:8** Achromat with Special shutter B I

② **DIGNA; optics 1:6.3** Subita Anastigmat in Singlo-shutter B, 1/25, 1/75

③ **DIGNA; optics 1:4.5** Subita Anastigmat in Vario-shutter B, 1/25, 1/75, 1/200

Reading off the depth of focus at DIGNA Camera with 4.5 Optics



p. ex. focus 6 m: depth of focus at diaphragme 5.6 from 4.15 m to 11 m

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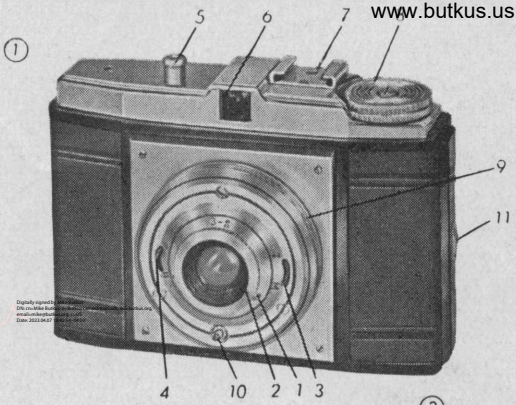
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Description of the DIGNA

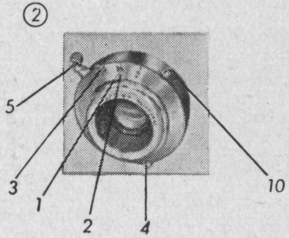
1. Scale for three point focussing
2. Stationary mark for three point focussing
3. Lever for selecting time of exposure
4. Lever for lens aperture adjustment
5. Button for release with cable release connection
   ② (Lever for release)
6. Optical view finder
7. Accessory shoe
8. Film winding knob
9. Pulling off for tube
10. Flash contact
11. Lock for opening and closing camera
12. (4.5 Vario) Lever for shutter mounting.

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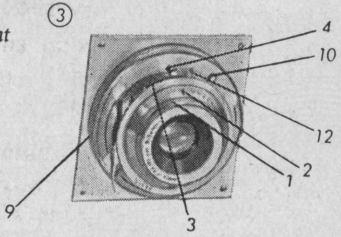
Mike Butkus



Digna ; optics 1:8 Achromat with Special shutter B I



Digna ; optics 1:6.3 Subita Anastigmat in Singlo-shutter B, 1/25, 1/75



Digna ; optics 1:4.5 Subita Anastigmat in Vario-shutter B, 1/25, 1/75, 1/200

Operating instructions

1. Inserting film.

a) Opening of back: pull out slide of lock (11) lift off back.

b) In each new camera is an empty film spool. Pull out the film winding knob (8) insert the empty film spool in the swivel spool knob, reinsert the swivel spool knob in the upper chamber, and turn film winding knob until the wide slide of the empty spool is up.

c) Put spool with film in the lower chamber, take the start of the film and thread it into the wide slide of the empty spool (picture 4). Turn film winding knob once or twice and shut the back.

d) Turn the film winding knob until the figure 1 appears in the window.

2. Focussing the camera.

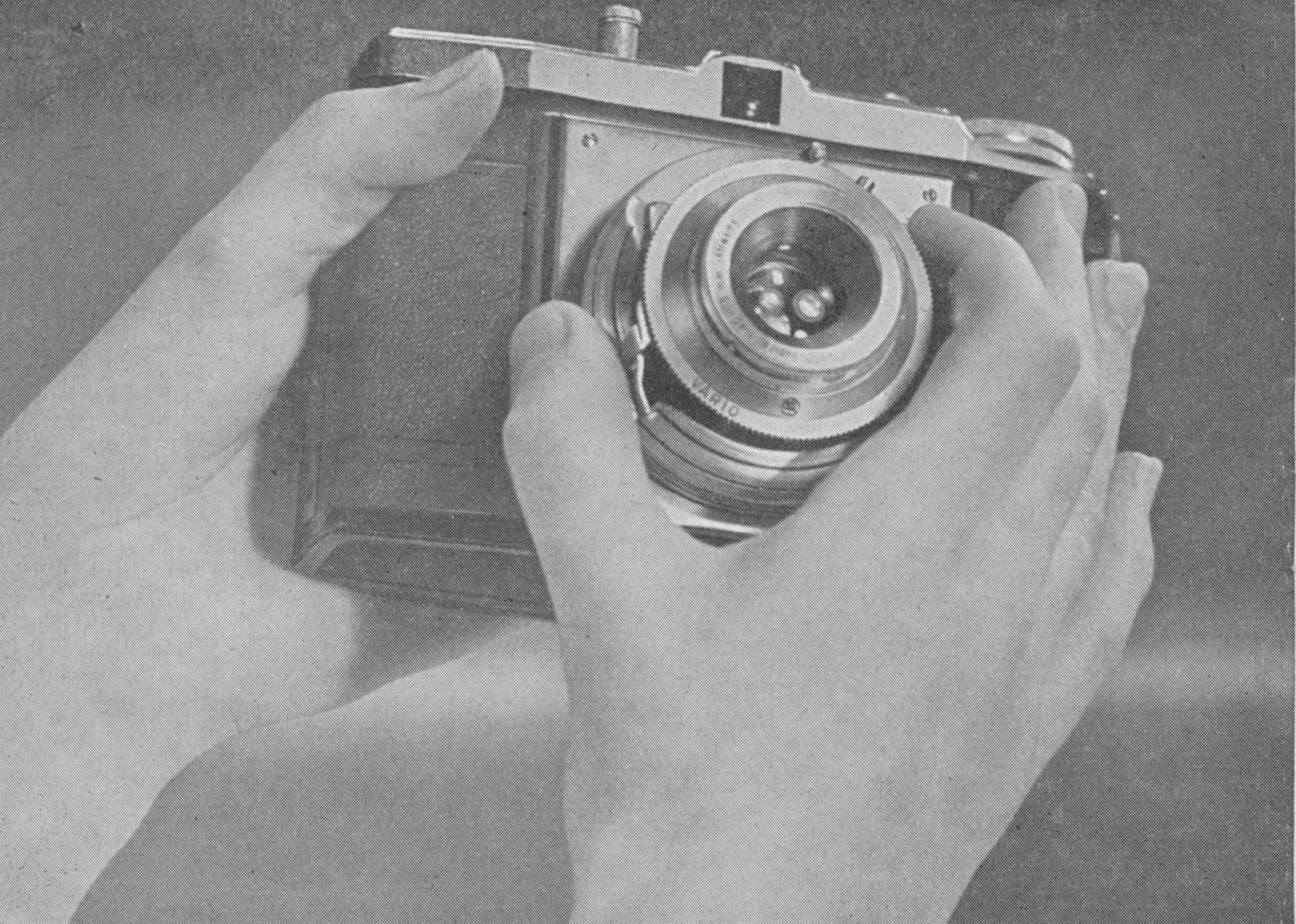
a) Turn the focussing scale to the right until tube springs in shooting position (see page 5).

b) Select time of exposure by means of table of depth of focus on page 10.

Pict. 4 ➔

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VARIO

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c) Turn lever to found values of lens aperture as well as time of exposure on models 2 and 3.

d) Turn the focussing scale to the desired or found distance. Depth of focus and snapshot (see page 11).

3. Picture taking.

a) Cock shutter on model 3 (Lever 12) keep camera close to eye with both hands and compose whereby steady holding is of course necessary.

b) Flash contact: The flash contact (10) is the cable release for all flashlights which are on the market. Exposure speed on special shutter is I, on Vario- and Singlo-shutter 1/25 suggested.

c) After each exposure turn film to next number.

4. Removal of the film.

a) After the last exposure turn the film until the end of the film slides by the film window.

b) Open back and change spool as indicated under 1 b. Paste up the exposed film spool by means of its gummed label.

← Pict. 5

Exposure Table

Place and kind of exposure		bright	haze	gloomy	Time of exposure 17/10° DIN	Time of exposure 21/10° DIN	Remarks
		Setting on					
Mountainous landscape at sea, snow	Summer	16	11	8	1/100		Yellow filter recommended
	Winter	11	8	5,6	1/50		
Subjects in the open	Summer	11	8	5,6	1/50	1/100	By using a yellow screen you must take the following diaphragme or double the time of exposure
	Winter	8	5,6	4	1/25	1/50	
exposures in the room	Summer	5,6	4,5	–	1/5-1/2	1/10-1/5	Camera put on firm stand, shutter on B, consider time
		–	–	4,5	1/2-1	1/5-1/2	
	Winter	5,6	4,5	–		1/2-1	
		–	–	4,5		1-2	

By taking special pictures or by operating with special lighting please use an electric exposure meter. If you have any doubt, it is preferable to extend the exposure speed.

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Table of depth of focus Anastigmat f = 75 mm

Setting on Distance	Setting on for Digna 1:8 (4,5)	5,6	(6,3)	8	11	16	22
∞	16,70 - ∞	13,40 - ∞	11,90 - ∞	9,40 - ∞	6,90 - ∞	4,70 - ∞	3,50 - ∞
10	6,30 - 24	5,70 - 40	5,10 - 31	4,85 - ∞	4,20 - ∞	3,20 - ∞	2,60 - ∞
● mark snap-shot «far off»	5,50-15,2	5-20	4,80-25	4,30 - 50	3,75 - ∞	3 - ∞	2,50 - ∞
6	4,50-9,40	4,15 - 11	3,96-11,9	3,65-16,8	3,25-50	2,65 - ∞	2,26 - ∞
4	3,25-5,50	3,08-5,75	3-6,05	2,80-7	2,55-9,50	2,20-10,8	1,90 - ∞
3	2,50-3,65	2,44-3,85	2,38-3,98	2,30-4,30	2,10-5,25	1,85-8,30	1,60-20
● mark snap-shot «close up»	2,18-2,94	2,10-3,08	2,05-3,20	1,98-3,40	1,84-3,90	1,63-5,40	1,48-8,60
2	1,78-2,28	1,74-2,36	1,72-2,41	1,65-2,55	1,56-2,82	1,40-3,50	1,26-4,60
1,5	1,38-1,65	1,34-1,68	1,32-1,71	1,30-1,78	1,24-1,81	1,13-2,20	1,05-2,60
1,2	1,12-1,26	1,10-1,31	1,08-1,34	1,06-1,37	1,02-1,45	0,95-1,60	0,90-1,80
1	0,95-1,07	0,93-1,09	0,92-1,11	0,91-1,12	0,88-1,17	0,83-1,26	0,79-1,40