



Small-Bore Rifles

Cal. .22 l. r.



June 1964 Edition

Instruction Manual

Walther Small-Bore Rifles for Target Shooting



fig. 1

JII. 1

Small-bore rifle Mod. KKS-D with diopter rear sight, weight approx. 3.8 kg.

(Also available with micro rear sight as Mod. KKS-V.)



fig. 2

JII. 2

Small-bore Master rifle Mod. KKM, weight approx. 4.5 kg.



fig. 3

JII. 3

Small-bore Master rifle Mod. KKM II, with hook plate and palm rest, weight approx. 5.5 kg.

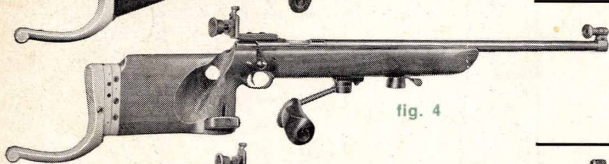


fig. 4

JII. 4

Small-bore Match rifle Mod. KKM-Match, weight with conical barrel = approx. 7.1 kg, with cylindrical barrel = approx. 7.8 kg.

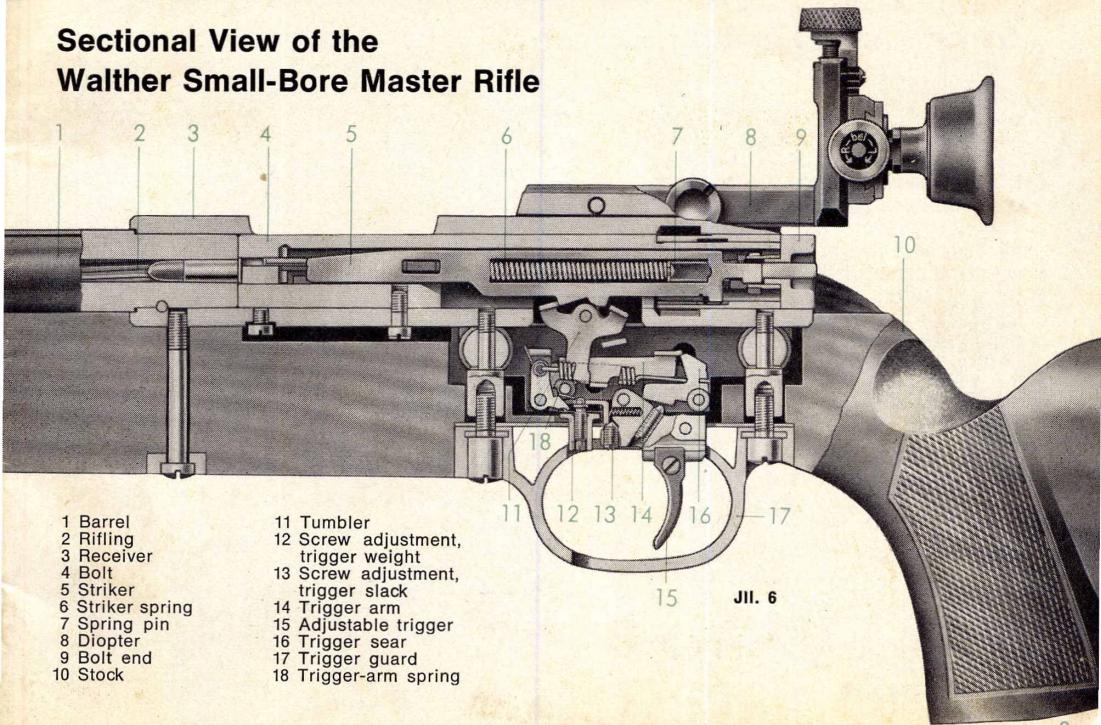


fig. 5

JII. 5

Small-bore Standard rifle Mod. UIT-Standard, weight approx. 5 kg.

Sectional View of the Walther Small-Bore Master Rifle



- 1 Barrel
- 2 Rifling
- 3 Receiver
- 4 Bolt
- 5 Striker
- 6 Striker spring
- 7 Spring pin
- 8 Diopter
- 9 Bolt end
- 10 Stock

- 11 Tumbler
- 12 Screw adjustment, trigger weight
- 13 Screw adjustment, trigger slack
- 14 Trigger arm
- 15 Adjustable trigger
- 16 Trigger sear
- 17 Trigger guard
- 18 Trigger-arm spring

JII. 6

General Advice on the use of WALTHER Small-Bore Rifles:

1. Sights

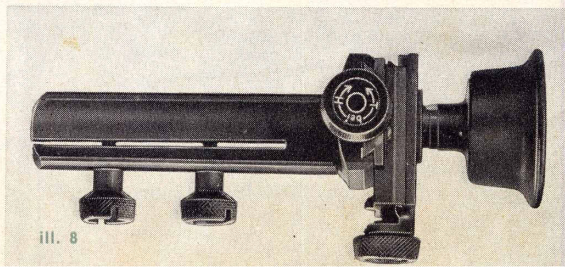
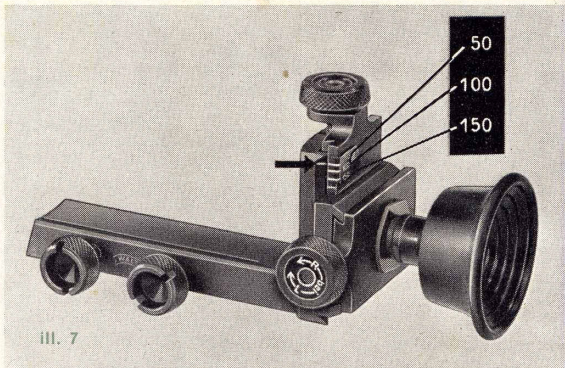
Before commencing to shoot, ensure that the screws holding the front and rear sight are tightened up.

The prism diopter is adjustable for 50, 100, and 150 m. Setting the rear sight for these distances is effected by means of the elevation screw. The scale markings must in each instance coincide with the Zero mark (see arrow).

Windage correction: — If shots group to right, turn knob = R to the left (anti-clockwise); if shots go to the left, turn knob = L clockwise (as shown by arrows on knob).

Elevation correction: — If shots go low, turn knob = T to the left; if shots group high, turn knob = H to the right.

3 clicks result in an alteration of the mean centre of the group by one ring on the target.



JII. 9. Adjustable aperture rear sight with nipple, but without rubber eyepiece. Available for small-bore rifles with diopter.

JII. 10. Umbral and Uropal filters can be inserted in the rubber eyepiece.

JII. 11. Removal of the knurled locking ring, which is also made available in 25 mm and 35 mm dia.

JII. 12. The front sight has been removed from the saddle. When withdrawing or inserting front sight elements, note difference in width of the two lips.

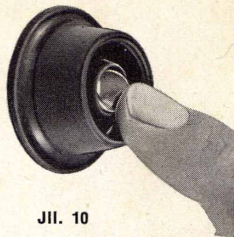
JII. 13. Post front sight, width increasing by 0.2 mm from 2 mm to 3 mm.

JII. 14. Ring front-sight with vertical beam; diameter increasing by 0.2 mm from 2 mm to 3 mm.

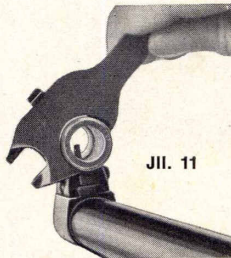
JII. 15. Ring front sight with horizontal beams; diameter increasing by 0.2 mm from 3 mm to 4.4 mm.



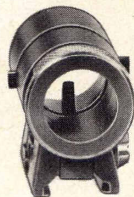
JII. 9



JII. 10



JII. 11



JII. 12



JII. 13

JII. 14

JII. 15

