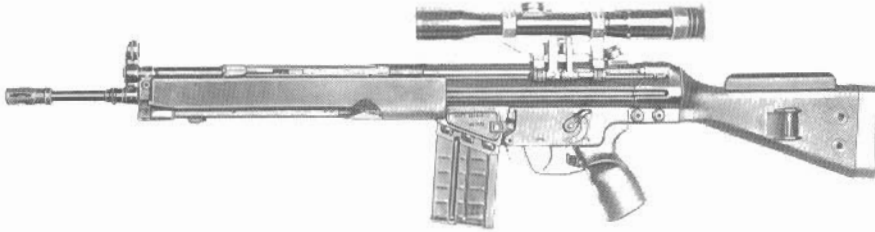


Sniper Rifles G3 SG/1 and HK 33 SG/1



The Sniper Rifle is a logical further development of the well-known G3 and HK 33 Automatic Rifles.

Its design, construction and method of operation are based on the same principles as the military small arms of the HK weapons family.

The special needs of the sniper call for a special weapon. A weapon which can be employed without limitation, both against individual targets and for self-defence.



HECKLER & KOCH GMBH

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Its major features:

- A trigger mechanism with set trigger (German set trigger), developed exclusively for the Sniper Rifle.
- The standard trigger mechanism has already been altered for a reduced trigger pull of approx. 5.7 lbs (2.6 kp).
- The set trigger can be adjusted for any desired trigger pull between approx. 2 lbs – 3.3 lbs (0.5 kp – 1.5 kp).

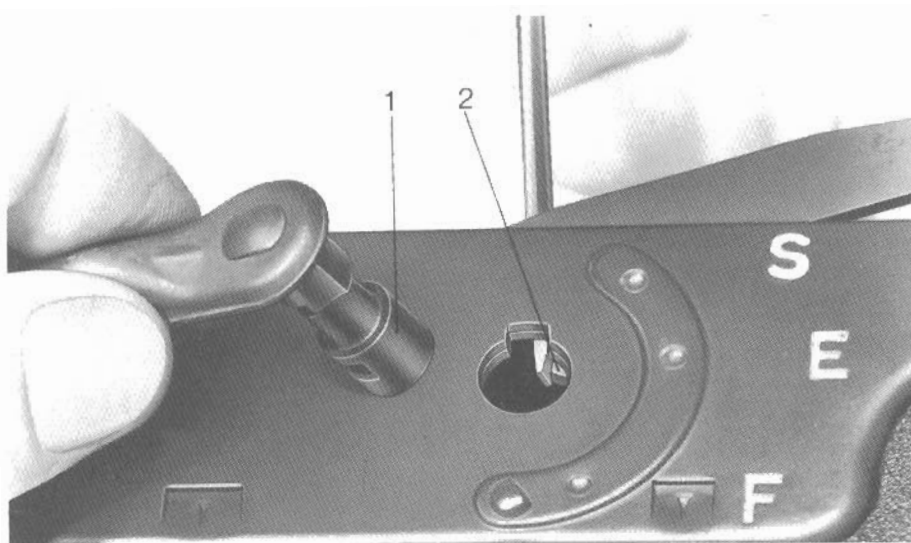
Handling

Special procedures apply when using the Sniper Rifle:

- The rifle is cocked in the “safe” position. It is **not possible** to operate the trigger in this position.
- After the fire selector lever has been put at “single fire”, the set trigger is pulled rearwards.
- After the first shot has been fired in position “E” = single fire, the following rounds can be fired immediately with the standard trigger.
- The set trigger is automatically released if the fire selector lever is moved from “single fire” or “burst” to “safe”.
- When actuating the fire selector lever (safety), make sure that it engages exactly in the notches S, E or F.

Remark:

For fitting the fire selector lever (1) (safety), the safety release lever (2) must be pressed to the side by means of a screwdriver so that the bore is completely free (see fig.).



Sights

The 1.5–6 x telescopic sight can be adjusted for ranges from 100 to 600 metres.

At the distance of:

100 – 200 – 300 – 400 – 500 – 600 metres the trajectory of the bullet intercepts the line of sight accordingly at:

75 – 45 – 30 – 20 – 15 – 10 metres. (See yellow markings on range drum of telescopic sight).

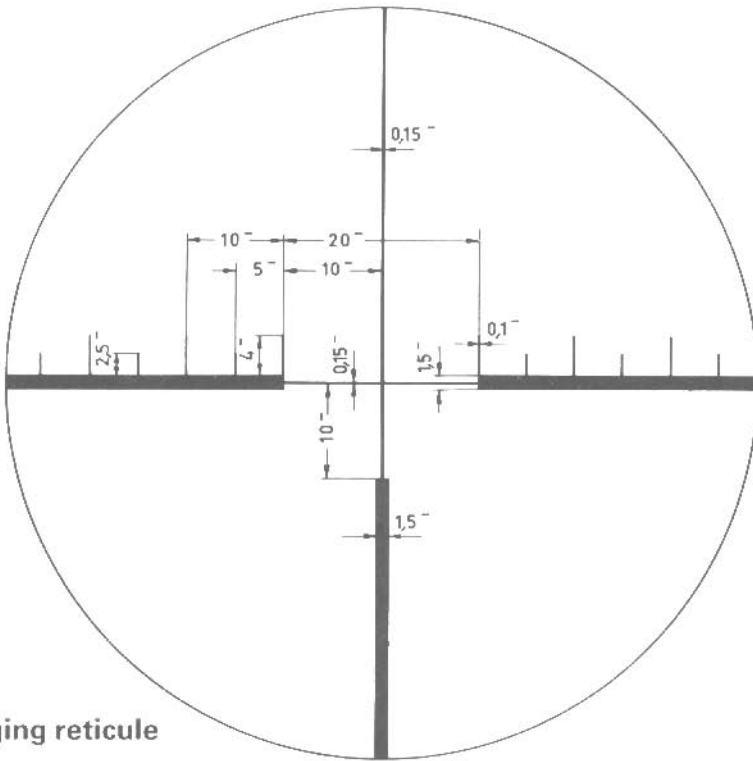
It is possible to observe the enemy also at greater ranges. The telescopic sight is adjustable for windage and elevation.

The telescopic sight is fixed to the scope mount by means of two tubular brackets. An aperture in the mount's bracket permits aiming with the mechanical sights while the scope is in place.

The perfect positioning of the mount on the receiver permits the scope to be mounted or removed without readjustment.

Aiming system with ranging reticule

The stated sizes are given in graduations.
One graduation = $\frac{1}{1000}$ of the distance.



Ranging reticule

By means of the reticule, the target size and distance can be ascertained. To calculate the aiming distance:

$$\frac{\text{aiming point in metres} \times 1000}{\text{number of graduations}} = \text{distance}$$

Example: A car of 5 m length covers on the reticule 25 graduations.

$$\text{Distance} = \frac{5 \times 1000}{25} = 200 \text{ m}$$

Specifications:

Weight of the rifle with optical sighting device, without magazine and bipod

G3 SG/1 12.1 lbs (5.45 kp)

HK 33 SG/1 9.8 lbs (4.40 kp)

Trigger pull

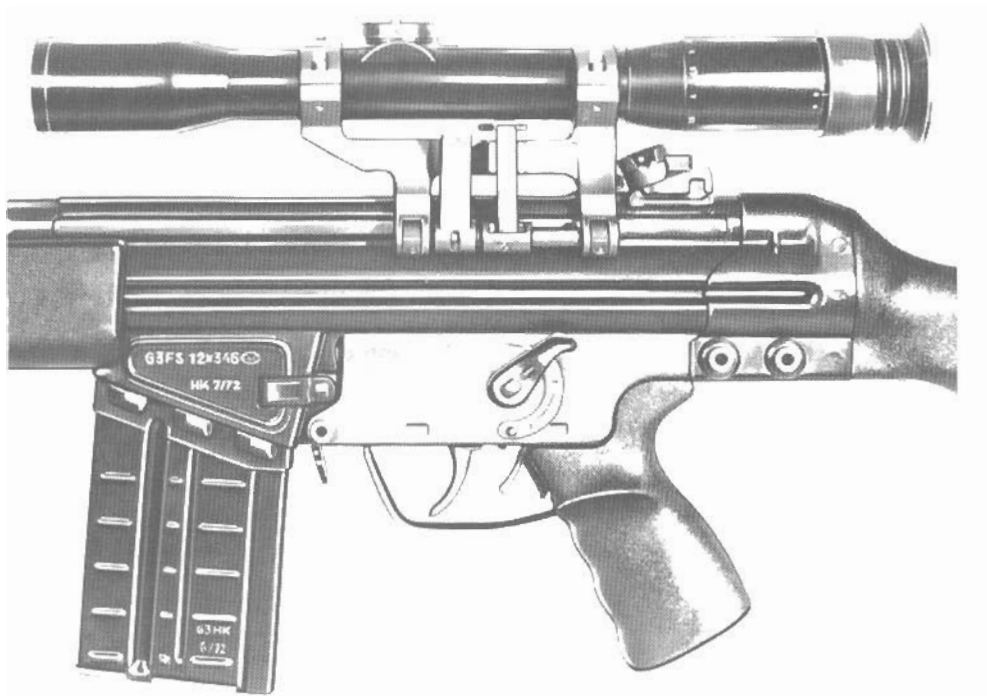
with set trigger adjustable between
2 lbs and 3.3 lbs
(0.9 and 1.5 kp)

without set trigger approx. 5.7 lbs (2.6 kp)

Sight, optical Telescopic sight 1.5–6 x
6 positions, 100–600 m

for point-blank shot 6 positions, 75–10 m

Sight, mechanical Rotary sight
with 4 positions,
open V sight,
200, 300 and 400 m
aperture sights,
adjustable for windage
and elevation



Telescopic sight attached