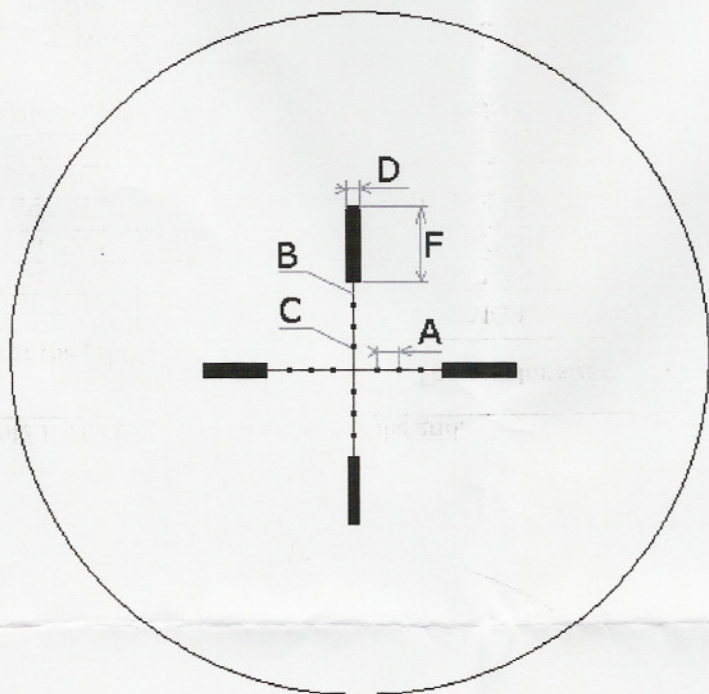


Addition to the operation manual of a sight S 2.5x50.

Your sight has a projection aiming grid MilDot, which one makes an effective valuation of spacing interval up to the target. At presence of the table of ballistics of the used cartridge you can make amendments on distance, wind and running speed of the target. The delineation of a grid is shown in a figure 1. To all parts of a grid, through which one it is possible to estimate spacing interval, the alphabetic indexes are assigned. Their angular sizes and linear dimensions of the target apart 100m applicable to them are indicated in the table 1.

MilDot S2.5x50



Ranging parts of the grid:

- A - spacing interval between points;
- B - thickness of a light line;
- C - diameter of a point;
- D - thickness of a heavy line;
- F - length of a heavy line.

The table 1. The sizes of ranging parts of the grid.

Parts of the grid	The angular sizes			The linear size of the target applicable part of the grid on a distance of 100 m, sm
	MIL	MOA	Grades	
A	5	17.189	0.2865	50
B	0.5	1.719	0.0287	5
C	1	3.438	0.0573	10
D	2	6.876	0.1146	20
F	15	51.566	0.8595	150

Spacing interval up to the purpose is determined under the formula:

$$\frac{\text{Width or altitude of object in centimeters} \times 10}{\text{Width or altitude of object in MIL}} = \text{Distance in meters}$$

The carry of an aiming point from intersection on an adjacent point (part of the grid such as C) changes an angle of targeting on 0.2865 grades